SUP

PROJECT ID: 1198-10-77 / 78

WITH: N/A

COUNTY: BARRON & WASHBURN

MAY 2023

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details (Includes Erosion Control)
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
~~Section No.~~	~~4~~	~~Right-of-Way Plat~~
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
~~Section No.~~	~~8~~	~~Structure Plans~~
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS = 1018



23

N

DESIGN DESIGNATION

A.A.D.T.	2024	=	9,860 - 12,850
A.A.D.T.	2044	=	11,130 - 14,590
D.H.V.	2044	=	1,570 - 2,060
D.D.		=	61/39
T.		=	8.5%
DESIGN SPEED		=	65 MPH
ESALS		=	6,200,000

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (955.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1198-10-77	———	———
1198-10-78	WISC 2023299	1

RICE LAKE - SPOONER

26TH AVE TO PINE GROVE RD (NB & SB)

USH 53

BARRON AND WASHBURN COUNTY

STATE PROJECT NUMBER
1198-10-77

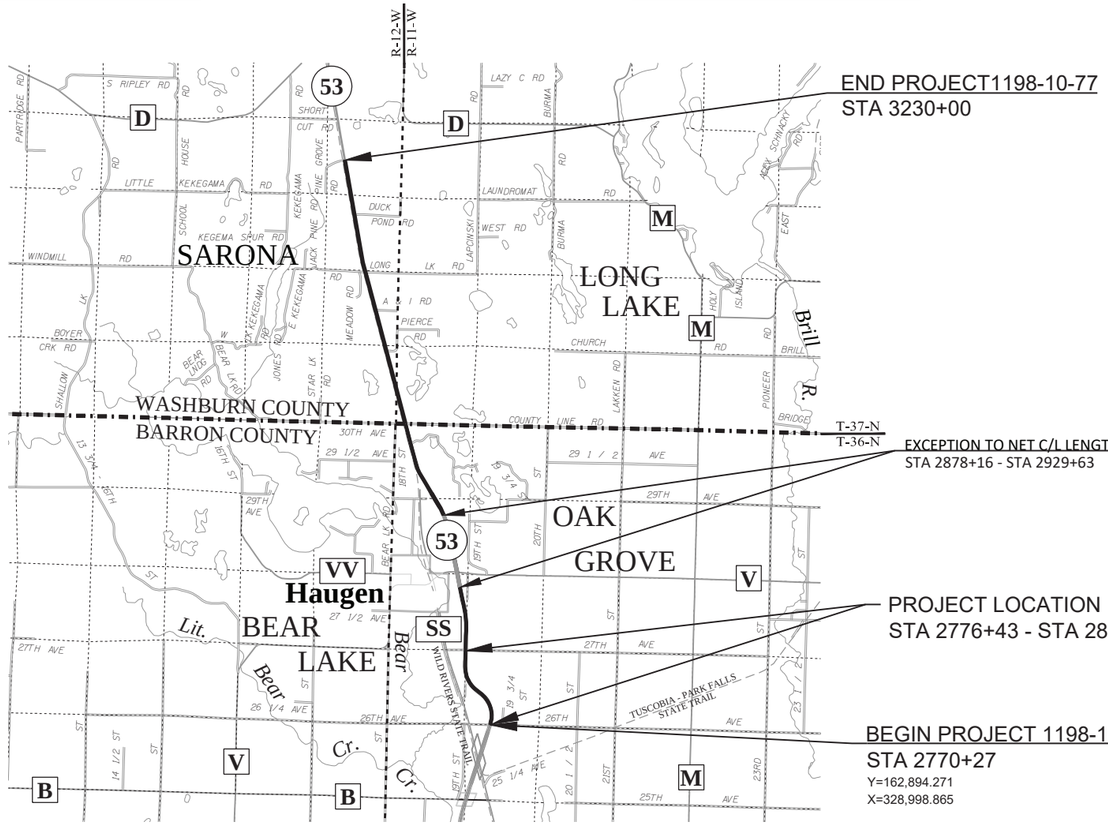
RICE LAKE - SPOONER

26TH AVENUE TO 27TH AVENUE

USH 53

BARRON COUNTY

STATE PROJECT NUMBER
1198-10-78



END PROJECT1198-10-77
STA 3230+00

EXCEPTION TO NET C/L LENGTH
STA 2878+16 - STA 2929+63

PROJECT LOCATION 1198-10-78
STA 2776+43 - STA 2835+32

BEGIN PROJECT 1198-10-77
STA 2770+27
Y=162,894.271
X=328,998.865

LAYOUT
SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE PROJECT 1198-10-77 = 7.732 MI
TOTAL NET LENGTH OF CENTERLINE PROJECT 1198-10-78 = 0.000 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS),BARRON & WASHBURN COUNTY, NAD83 (1997), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88.

emcs inc
500 North 17th Avenue
Wausau, WI 54401
715.845.1081 Fax 715.845.1099

WISCONSIN
STEPHANIE G. CHRISTENSEN
E-35808
WAUSAU, WI
PROFESSIONAL ENGINEER

4/11/22 (Date) Stephanie G. Christensen (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	EMCS, INC.
Designer	EMCS, INC.
Project Manager	PHILIP KEPPERS
Regional Examiner	TOU YANG
Regional Supervisor	JEFFREY OLSON

APPROVED FOR THE DEPARTMENT
DATE: 4/13/2022 Philip Keppers (Signature)

E

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THIS PROJECT USES COORDINATE SYSTEMS FOR BOTH BARRON AND WASHBURN COUNTIES. CONTROL POINTS AND BENCHMARKS ARE PROVIDED IN BOTH COORDINATE SYSTEMS NEAR THE COUNTY LINE. A SUMMARY OF THE COORDINATE SYSTEM TO BE USED FOR CONSTRUCTION PURPOSES IS PROVIDED IN THE TABLE BELOW:

LOCATION	STATION - STATION	COUNTY COORDINATE SYSTEM
USH 53 NB	BEGIN PROJECT - STA 3009+00	BARRON
USH 53 SB	BEGIN PROJECT - STA 6009+00	BARRON
USH 53 NB	STA 3009+00 - END PROJECT	WASHBURN
USH 53 SB	STA 6009+00 - END PROJECT	WASHBURN

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

PRIOR TO ORDERING DRAINAGE PIPES THE CONTRACTOR SHALL FIELD VERIFY RELATED DRAINAGE INFORMATION IN THE PLAN WITH THE ENGINEER.

CROSS DRAIN PIPE LOCATIONS AND ELEVATIONS AS SHOWN ARE ON THE CROSS SECTION SHEETS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

WETLAND DELINEATION WAS ONLY COMPLETED AT SPOT LOCATIONS. IN ADDITION TO THE WETLAND BOUNDARIES SHOWN ON THE PLANS OTHER LOCATIONS OF WETLANDS EXIST. SEE EROSION CONTROL PLANS FOR STAGES 2-5 FOR PERMITTED WETLAND IMPACTS.

THE USH 53 DESIGN SPEED IS 65 MPH. PROPOSED SUPER ELEVATIONS ARE DESIGNED TO MEET 70 MPH DESIGN SPEED WHERE FEASIBLE.

NB = NORTHBOUND
SB = SOUTHBOUND

AS-BUILTS USED FOR PLAN DEVELOPMENT

PROJECT NO: 1198-04-30, CONSTRUCTION YEAR: 1985
PROJECT NO: 1198-04-72, CONSTRUCTION YEAR: 1985
PROJECT NO: 1198-04-76, CONSTRUCTION YEAR: 1985
PROJECT NO: 1198-04-77, CONSTRUCTION YEAR: 1985
PROJECT NO: 1198-04-80, CONSTRUCTION YEAR: 1986
PROJECT NO: 1198-04-31, CONSTRUCTION YEAR: 1987
PROJECT NO: 1198-04-82, CONSTRUCTION YEAR: 1987
PROJECT NO: 1197-16-71, CONSTRUCTION YEAR: 2004
PROJECT NO: 1197-19-71, CONSTRUCTION YEAR: 2007
PROJECT NO: 1197-20-71, CONSTRUCTION YEAR: 2007
PROJECT NO: 1190-00-63, CONSTRUCTION YEAR: 2012
PROJECT NO: 1197-21-72, CONSTRUCTION YEAR: 2013
PROJECT NO: 1197-18-75/76, CONSTRUCTION YEAR: 2014

ORDER OF SECTION 2 SHEETS

PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
INTERSECTION DETAILS
EROSION CONTROL
PERMANENT SIGNING
TRAFFIC CONTROL
FENCING PLAN
SOIL BORING REPORTS

ALIGNMENT DESIGNATORS

USH 53 NB/CTH V EXIT - "A"
TEMPORARY USH 53 NB/CTH V EXIT CROSSOVER - "AT"
TEMPORARY USH 53 NB/CTH V ENTRANCE CROSSOVER - "BT"
TEMPORARY USH 53 SB/CTH V EXIT CROSSOVER - "CT"
TEMPORARY USH 53 SB/CTH V ENTRANCE CROSSOVER - "DT"
SOUTH TEMPORARY CROSSOVER USH 53 NB - 'XNB'
SOUTH TEMPORARY CROSSOVER USH 53 SB - 'XSB'
NORTH TEMPORARY CROSSOVER USH 53 NB - 'XNB'
NORTH TEMPORARY CROSSOVER USH 53 SB - 'XSB'

ALIGNMENTS NOT LISTED DO NOT HAVE DESIGNATORS.

UTILITIES

COMMUNICATIONS

ASTREA
ANDY HEIGL
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IRON MOUNTAIN, MI 49801
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ANDY.HEIGL@ASTREACONNECT.COM

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SUPERIOR, WI 54880
MOBILE PHONE: (980) 376-1865
MICHAEL.COUGHLIN@BRIGHTSPEED.COM

LUMEN F/K/A CENTURYLINK
LUMEN C/O MICHAEL VANDEN BOS
2426 75TH AVE
OSCEOLA, WI 54020
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MIKE.VANDENBOS@LUMEN.COM

ELECTRIC

BARRON ELECTRIC COOPERATIVE
SCOTT DEVOE
P.O. BOX 261
SPOONER, WI 54801
OFFICE PHONE: (715) 637-6131
MOBILE PHONE: (715) 418-1182
SDEVOE@BARRONELECTRIC.COM

XCEL ENERGY
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2911 PIONEER AVENUE SOUTH
RICE LAKE, WI 54868
MOBILE PHONE: (715) 651-0845
CHADWICK.P.ERICKSON@XCELENERGY.COM

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

TOTAL PROJECT AREA = 269 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 109 ACRES

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

OTHER CONTACTS

DNR LIAISON

SHAWN HASELEU
DNR NORTHERN REGION HEADQUARTERS
810 W. MAPLE STREET
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PHONE: (715) 635-4228
CELL: (715) 416-0478
SHAWN.HASELEU@WISCONSIN.GOV

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500 NORTH 17TH AVENUE
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SCHRISTENSEN@EMCSINC.COM
EOLESON@EMCSINC.COM

WISCONSIN DEPARTMENT OF TRANSPORTATION

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WISDOT RWIS PROGRAM MANAGER
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(608) 266-5004
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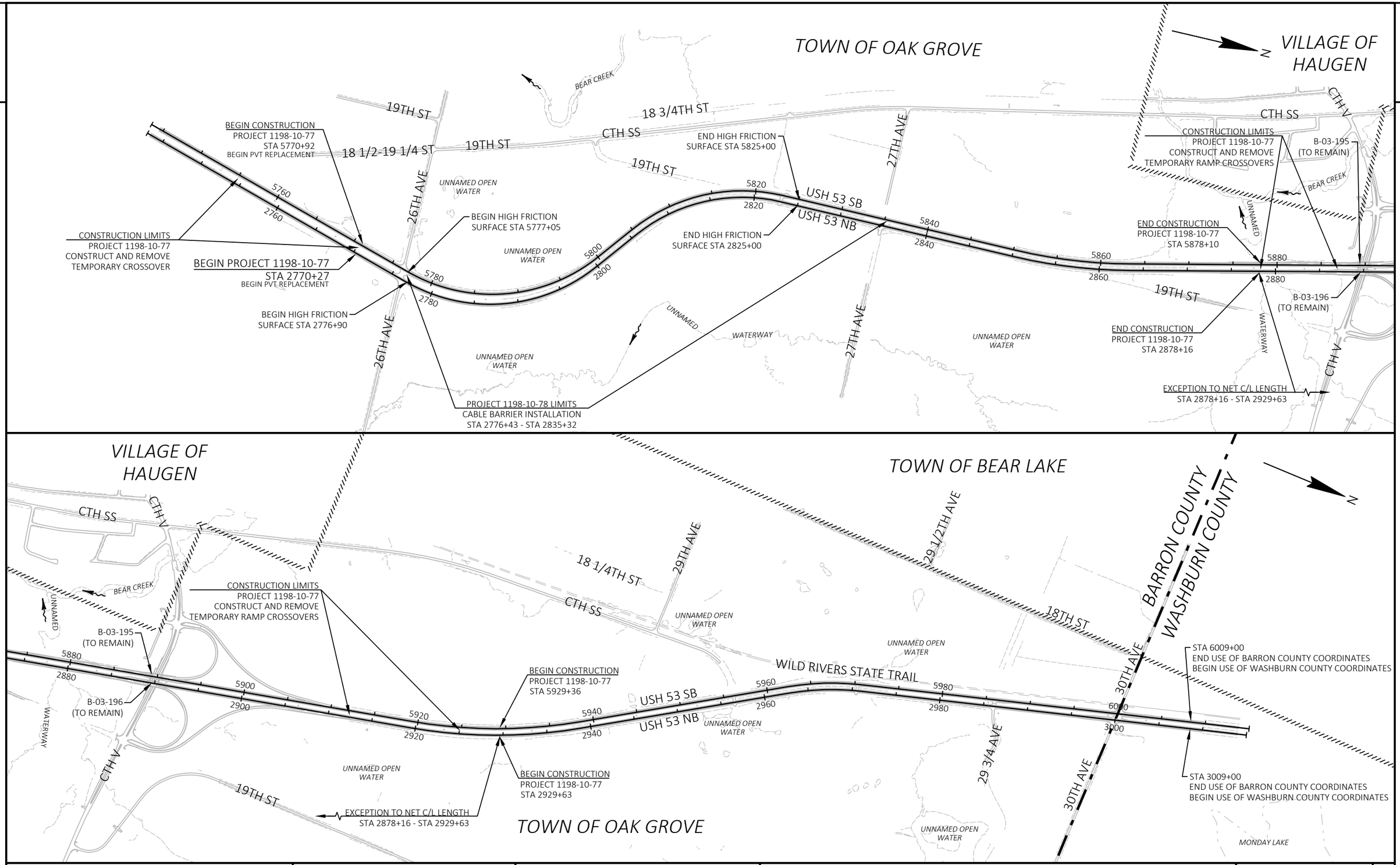
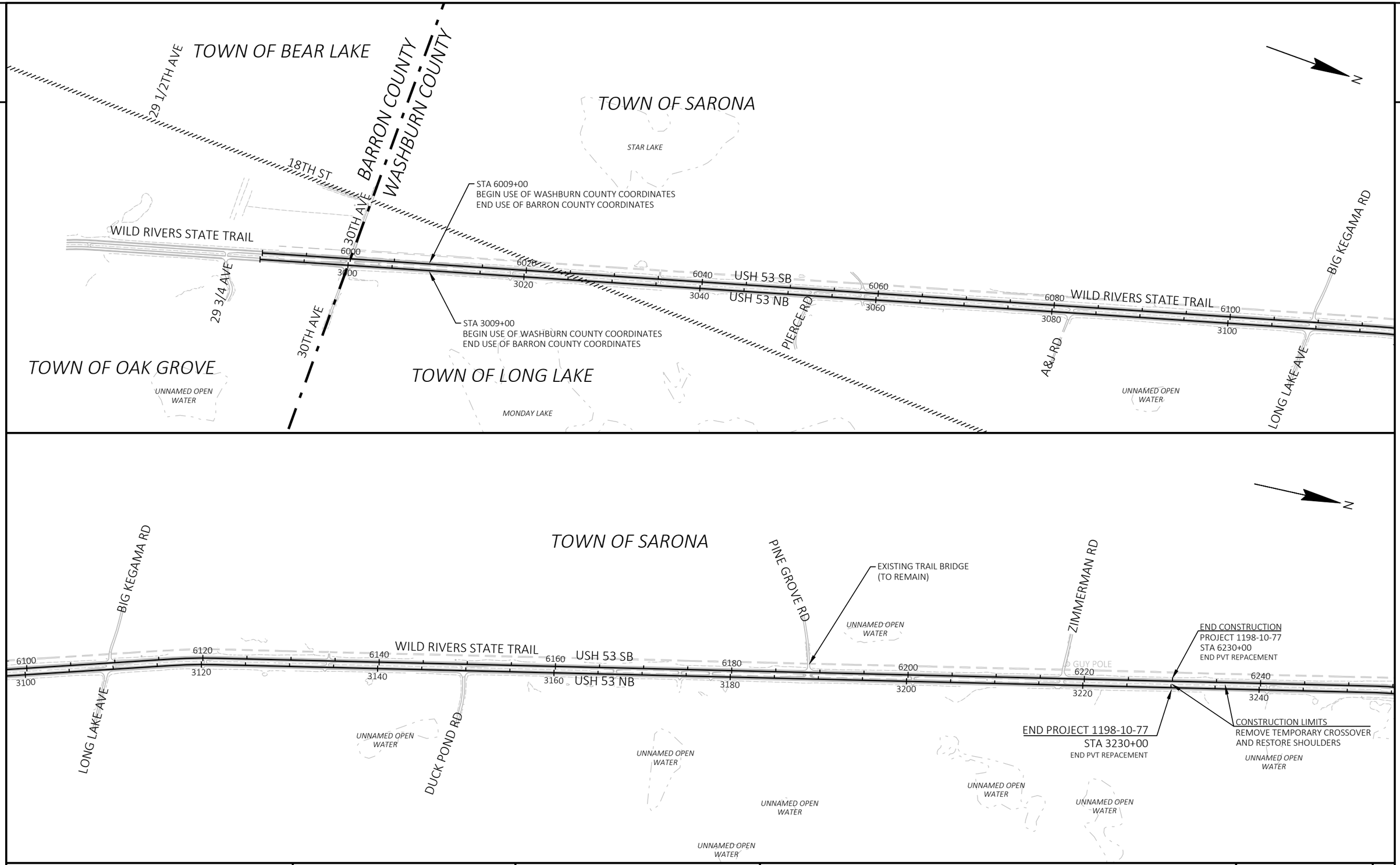


PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	PROJECT OVERVIEW	SHEET 3	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\020201-PO.DWG
LAYOUT NAME - 01
PLOT DATE : 3/24/2022 2:50 PM
PLOT BY : TYLER RUTZEN
PLOT NAME :
PLOT SCALE : 1 IN:1000 FT
WISDOT/CADDS SHEET 44

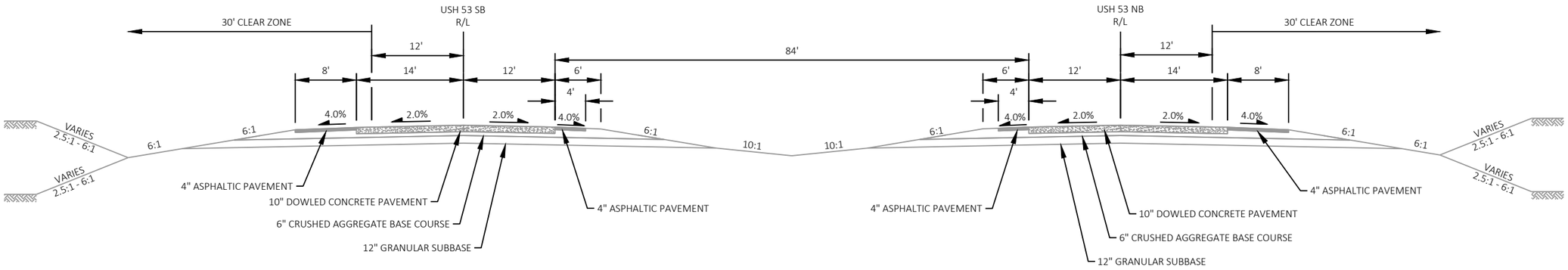


PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PROJECT OVERVIEW	SHEET 4	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\020201-PO.DWG
LAYOUT NAME - 02

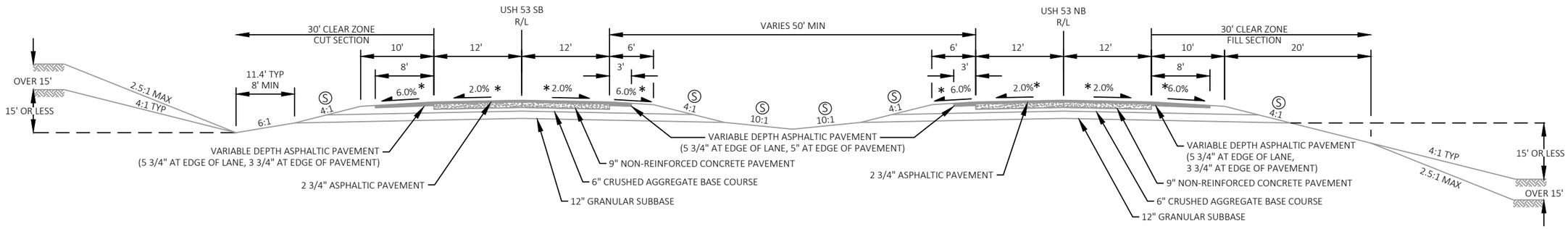
PLOT DATE : 3/24/2022 2:51 PM PLOT BY : TYLER RUTZEN PLOT NAME : PLOT SCALE : 1 IN:1000 FT

2



TYPICAL EXISTING SECTION
USH 53

STA 2755+50 - STA 2770+27 (BEGIN PVT REPLACEMENT)
STA 5756+08 - STA 5770+92 (BEGIN PVT REPLACEMENT)



NOTES

∗ CROSS SLOPE VARIES DUE TO SUPERELEVATION

SEE SECTION 5 PLAN SHEETS FOR EXISTING GUARDRAIL LOCATIONS

SEE SECTION 5 PLAN SHEETS FOR EXISTING TURN LANE LOCATIONS

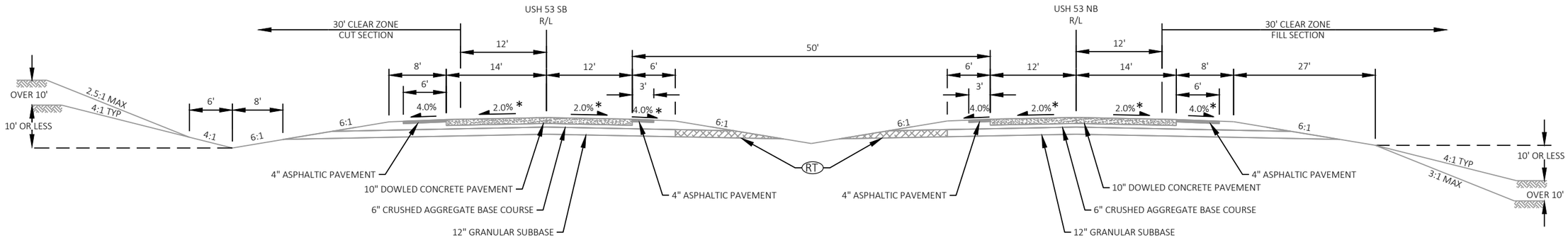
TIE BARS AND DOWEL BARS MAYBE PRESENT IN THE EXISTING CONCRETE PAVEMENT

Ⓢ EXISTING SIDE SLOPES VARY FROM 2:1 TO 10:1, TYPICAL VALUES SHOWN

TYPICAL EXISTING SECTION
USH 53

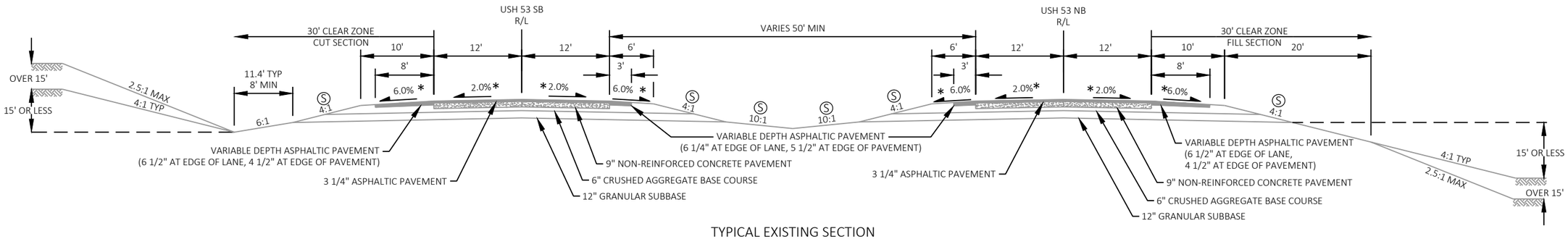
STA 2770+27 (BEGIN PVT REPLACEMENT) - STA 2878+16 (END PVT REPLACEMENT)
STA 2929+63 (BEGIN PVT REPLACEMENT) - STA 3149+81
STA 5770+92 (BEGIN PVT REPLACEMENT) - STA 5878+10 (END PVT REPLACEMENT)
STA 5929+36 (BEGIN PVT REPLACEMENT) - STA 6149+67

PROJECT NO:1198-10-77/78	HWY:USH 53	COUNTY:BARRON & WASHBURN	TYPICAL SECTIONS	SHEET 5	E



TYPICAL EXISTING SECTION
USH 53

STA 2878+16 (END PVT REPLACEMENT) - STA 2929+63 (BEGIN PVT REPLACEMENT)
STA 5878+10 (END PVT REPLACEMENT) - STA 5929+36 (BEGIN PVT REPLACEMENT)



TYPICAL EXISTING SECTION
USH 53

STA 3149+81 - STA 3230+00 (END PVT REPLACEMENT)
STA 6149+67 - STA 6230+00 (END PVT REPLACEMENT)

NOTES

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

(RT) EXISTING RELIEF TRENCH LOCATED EVERY 250' AND AT PROFILE SAG POINTS (DO NOT DISTURB)

SEE SECTION 5 PLAN SHEETS FOR EXISTING GUARDRAIL LOCATIONS

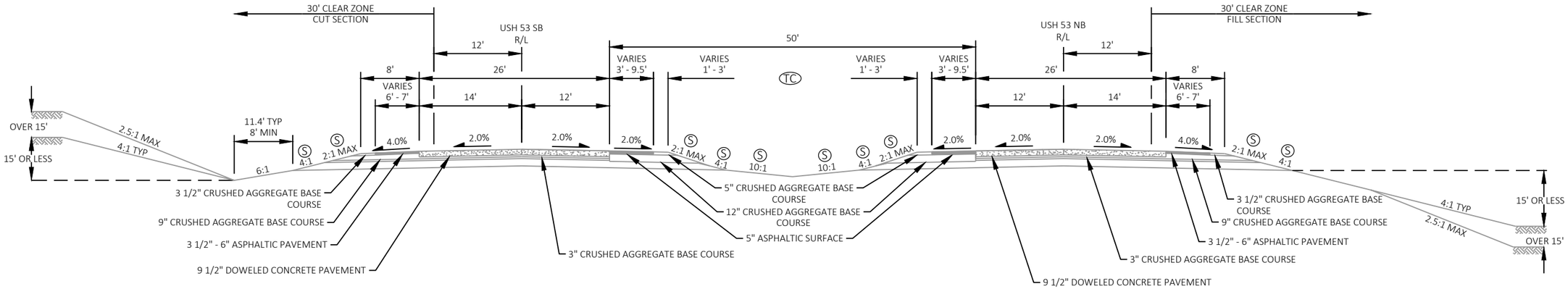
SEE SECTION 5 PLAN SHEETS FOR EXISTING TURN LANE LOCATIONS

TIE BARS AND DOWEL BARS MAY BE PRESENT IN THE EXISTING CONCRETE PAVEMENT

(S) EXISTING SIDE SLOPES VARY FROM 2:1 TO 10:1, TYPICAL VALUES SHOWN

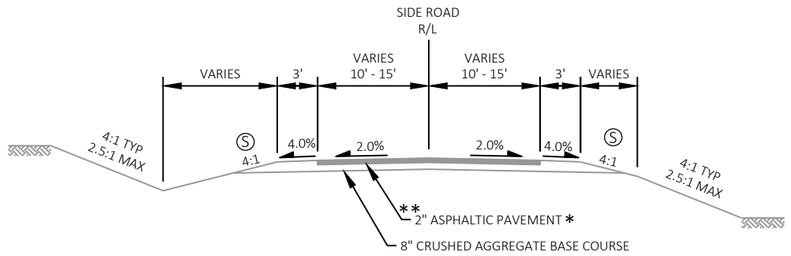
PROJECT NO:1198-10-77/78	HWY:USH 53	COUNTY:BARRON & WASHBURN	TYPICAL SECTIONS	SHEET 6	E

2



TYPICAL EXISTING SECTION
USH 53

STA 3230+00 (END PVT REPLACEMENT) - STA 3234+91
STA 6230+00 (END PVT REPLACEMENT) - STA 6234+91



TYPICAL EXISTING SECTION
SIDE ROADS

26TH AVE
27TH AVE
29 3/4 AVE
30TH AVE
PIERCE RD
A&J RD
LONG LAKE AVE
BIG KEGAMA RD
DUCK POND RD
PINE GROVE RD
ZIMMERMAN RD

NOTES

* ASPHALTIC PAVEMENT THICKNESS MAY VARY, MINIMUM THICKNESS SHOWN

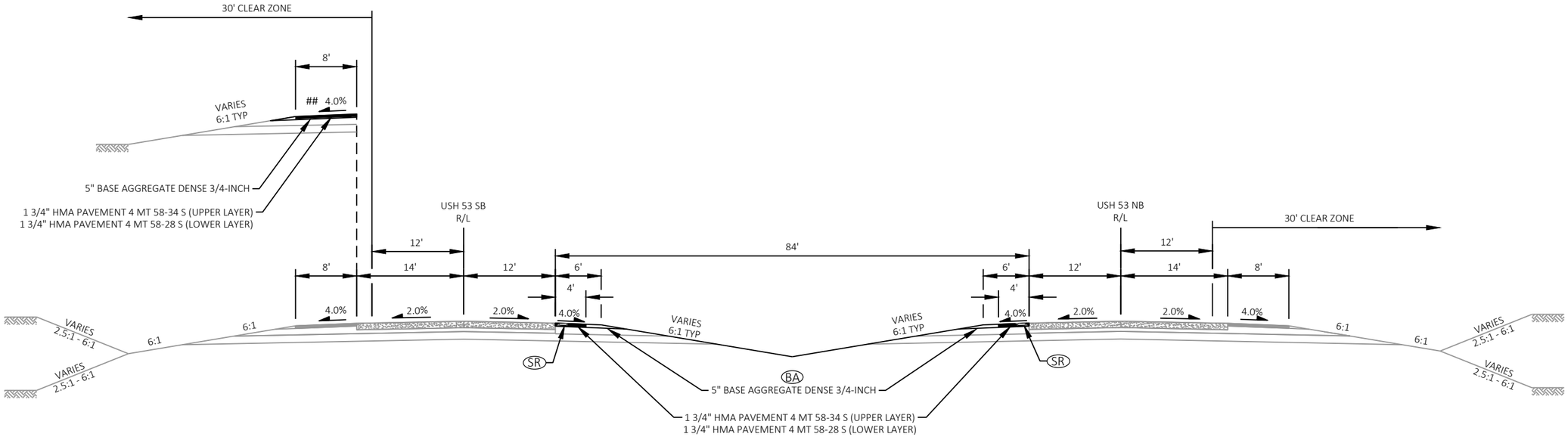
** 27TH AVE AND A&J RD DO NOT HAVE AN ASPHALTIC PAVEMENT SURFACE

(S) EXISTING SIDE SLOPES VARY FROM 2:1 TO 10:1, TYPICAL VALUES SHOWN

(TC) TEMPORARY CROSSOVER INSTALLED IN PREVIOUS PROJECT, SEE TRAFFIC CONTROL SHEETS; TO BE REMOVED UNDER THIS CONTRACT

PROJECT NO:1198-10-77/78	HWY:USH 53	COUNTY:BARRON & WASHBURN	TYPICAL SECTIONS	SHEET 7	E

2



TYPICAL FINISHED SECTION
USH 53

STA 2755+50 - STA 2770+27 (BEGIN PVT REPLACEMENT)
STA 5756+08 - STA 5770+92 (BEGIN PVT REPLACEMENT)

NOTES

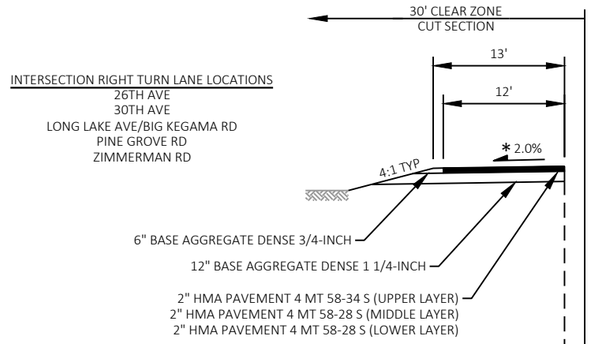
(SR) SHOULDER RUMBLE STRIPS RURAL DIVIDED HIGHWAY. SEE SDD "SHOULDER RUMBLE STRIP, MILLING" FOR ADDITIONAL INFORMATION

(BA) THE UNDERLYING BASE AGGREGATE FROM TEMPORARY CROSSOVER CONSTRUCTION IS TO REMAIN IN SHOULDER REPLACEMENT AREAS

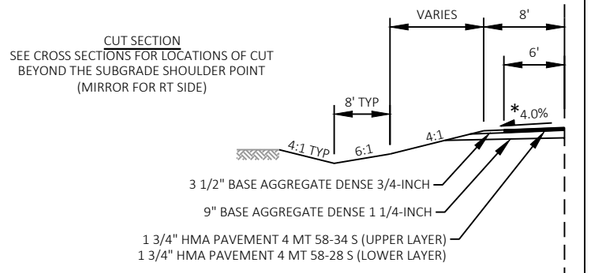
SEE THE EROSION CONTROL SHEETS FOR TOPSOIL AND FINISHING INFORMATION

REMOVE EXISTING PAVED SHOULDER AND NECESSARY AGGREGATE UNDER THE EXCAVATION COMMON ITEM

PROJECT NO:1198-10-77/78	HWY:USH 53	COUNTY:BARRON & WASHBURN	TYPICAL SECTIONS	SHEET 8	E

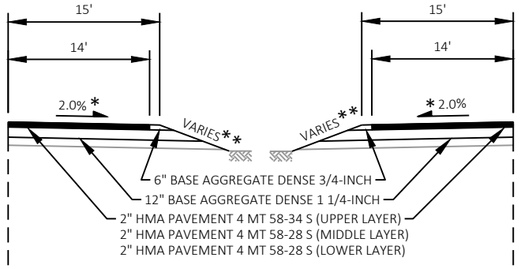


INTERSECTION RIGHT TURN LANE LOCATIONS
26TH AVE
30TH AVE
LONG LAKE AVE/BIG KEGAMA RD
PINE GROVE RD
ZIMMERMAN RD



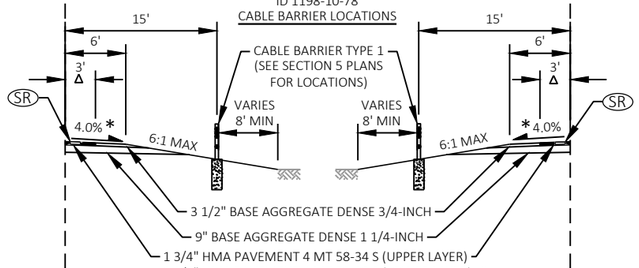
CUT SECTION
SEE CROSS SECTIONS FOR LOCATIONS OF CUT
BEYOND THE SUBGRADE SHOULDER POINT
(MIRROR FOR RT SIDE)

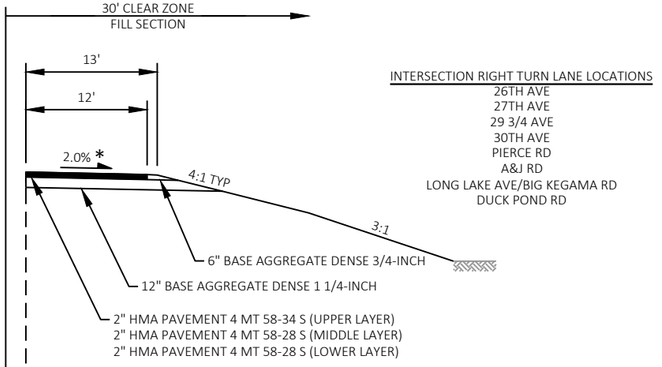
INTERSECTION LEFT TURN LOCATIONS
26TH AVE
29 3/4 AVE
30TH AVE
PIERCE RD
A&J RD
LONG LAKE AVE/BIG KEGAMA RD
DUCK POND RD



INTERSECTION LEFT TURN LOCATIONS
26TH AVE
30TH AVE
LONG LAKE AVE/BIG KEGAMA RD
PINE GROVE RD
ZIMMERMAN RD

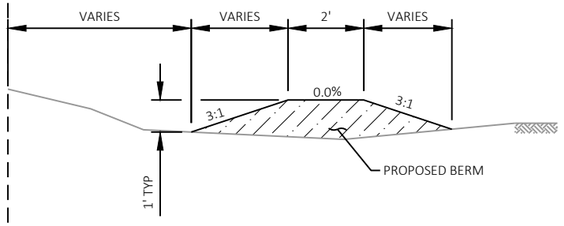
ID 1198-10-78
CABLE BARRIER LOCATIONS

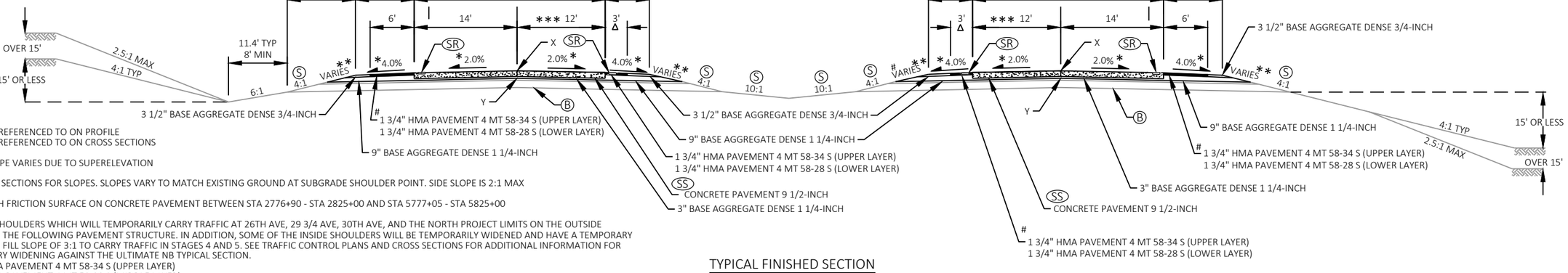




INTERSECTION RIGHT TURN LANE LOCATIONS
26TH AVE
27TH AVE
29 3/4 AVE
30TH AVE
PIERCE RD
A&J RD
LONG LAKE AVE/BIG KEGAMA RD
DUCK POND RD

DRAINAGE BERM
STA 2812+00 - STA 2817+56





NOTES

X = POINT REFERENCED TO ON PROFILE
Y = POINT REFERENCED TO ON CROSS SECTIONS

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

** SEE CROSS SECTIONS FOR SLOPES. SLOPES VARY TO MATCH EXISTING GROUND AT SUBGRADE SHOULDER POINT. SIDE SLOPE IS 2:1 MAX

*** PLACE HIGH FRICTION SURFACE ON CONCRETE PAVEMENT BETWEEN STA 2776+90 - STA 2825+00 AND STA 5777+05 - STA 5825+00

\# ASPHALT SHOULDERS WHICH WILL TEMPORARILY CARRY TRAFFIC AT 26TH AVE, 29 3/4 AVE, 30TH AVE, AND THE NORTH PROJECT LIMITS ON THE OUTSIDE WILL HAVE THE FOLLOWING PAVEMENT STRUCTURE. IN ADDITION, SOME OF THE INSIDE SHOULDERS WILL BE TEMPORARILY WIDENED AND HAVE A TEMPORARY MAXIMUM FILL SLOPE OF 3:1 TO CARRY TRAFFIC IN STAGES 4 AND 5. SEE TRAFFIC CONTROL PLANS AND CROSS SECTIONS FOR ADDITIONAL INFORMATION FOR TEMPORARY WIDENING AGAINST THE ULTIMATE NB TYPICAL SECTION.
- 2" HMA PAVEMENT 4 MT 58-34 S (UPPER LAYER)
- 2" HMA PAVEMENT 4 MT 58-28 S (MIDDLE LAYER)
- 2" HMA PAVEMENT 4 MT 58-28 S (LOWER LAYER)

SAW OVER WIDENED SHOULDER AND TURN LANE PAVEMENT AND GRADE TO STANDARD TYPICAL SECTION AFTER USE IN STAGE 4, WHEN DESIGNATED

(SR) SHOULDER RUMBLE STRIPS RURAL DIVIDED HIGHWAY. SEE SDD "SHOULDER RUMBLE STRIP, MILLING" FOR ADDITIONAL INFORMATION

Δ PAVEMENT SAFETY EDGE REQUIRED FOR PAVED SHOULDERS 3' OR LESS, SEE SDD "SAFETY EDGE". TURN LANE LENGTHS ARE SHOWN ON PAVING DETAILS

(B) EXISTING ± 3" OF BASE AGGREGATE MATERIAL AND EXISTING SUBBASE TO REMAIN. FOR AREAS OF CULVERT REPLACEMENTS, PLACE 6" BASE AGG DENSE (MIN)

SEE SECTION 5 PLAN SHEETS FOR PROPOSED GUARDRAIL LOCATIONS

SEE SECTION 5 PLAN SHEETS FOR TURN LANE LOCATIONS

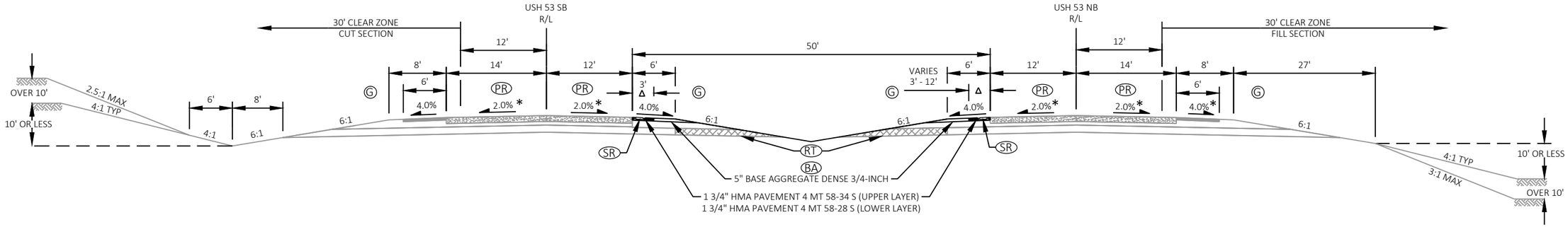
(SS) TREAT ALL NEWLY CONSTRUCTED CONCRETE PAVEMENT SAW CUTS WITH CONCRETE SILANE SEALER FOR PCC SAW CUTS. LEAVE A CONTROL SECTION UNTREATED ON USH 53 NB FROM STA 3020+00 - STA 3030+00

(S) EXISTING SIDE SLOPES VARY FROM 2:1 TO 10:1, TYPICAL VALUES SHOWN

SEE THE EROSION CONTROL SHEETS FOR TOPSOIL AND FINISHING INFORMATION

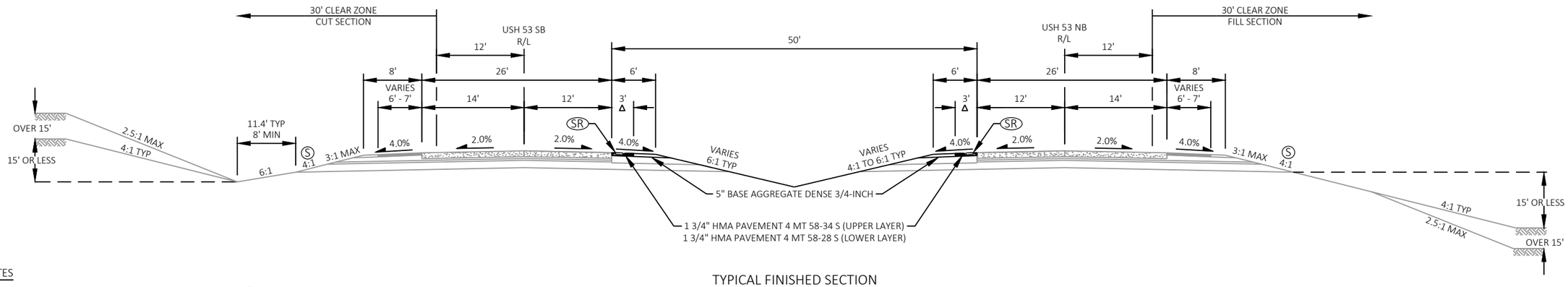
TYPICAL FINISHED SECTION
USH 53

STA 2770+27 (BEGIN PVT REPLACEMENT) - STA 2878+16 (END PVT REPLACEMENT)
STA 2929+63 (BEGIN PVT REPLACEMENT) - STA 3230+00 (END PVT REPLACEMENT)
STA 5770+92 (BEGIN PVT REPLACEMENT) - STA 5878+10 (END PVT REPLACEMENT)
STA 5929+36 (BEGIN PVT REPLACEMENT) - STA 6230+00 (END PVT REPLACEMENT)



TYPICAL FINISHED SECTION
USH 53

STA 2878+16 (END PVT REPLACEMENT) - STA 2887+08
STA 2910+28 - STA 2929+63 (BEGIN PVT REPLACEMENT)
STA 5878+10 (END PVT REPLACEMENT) - STA 5887+41
STA 5912+41 - STA 5929+36 (BEGIN PVT REPLACEMENT)



TYPICAL FINISHED SECTION
USH 53

STA 3230+00 (END PVT REPLACEMENT) - STA 3234+91
STA 6230+00 (END PVT REPLACEMENT) - STA 6234+91

NOTES

(SR) SHOULDER RUMBLE STRIPS RURAL DIVIDED HIGHWAY. SEE SDD "SHOULDER RUMBLE STRIP, MILLING" FOR ADDITIONAL INFORMATION

△ PAVEMENT SAFETY EDGE REQUIRED FOR PAVED SHOULDERS 3' OR LESS, SEE SDD "SAFETY EDGE"

(S) EXISTING SIDE SLOPES VARY FROM 2:1 TO 10:1, TYPICAL VALUES SHOWN

(RT) EXISTING RELIEF TRENCH LOCATED EVERY 250' AND AT PROFILE SAG POINTS (DO NOT DISTURB)

(BA) THE UNDERLYING BASE AGGREGATE FROM TEMPORARY CROSSOVER CONSTRUCTION IS TO REMAIN IN SHOULDER REPLACEMENT AREAS

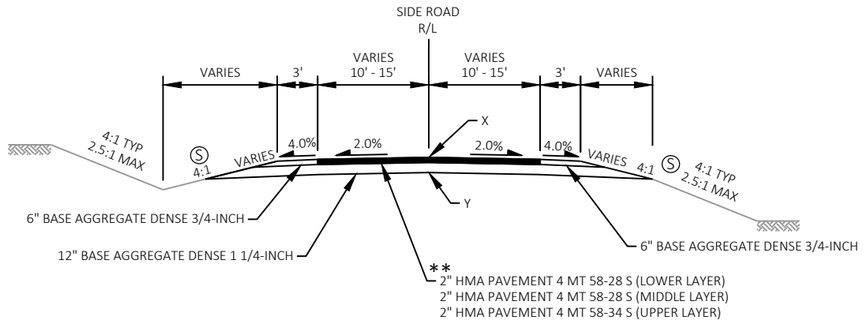
(G) RE-GRADE FOR GUARDRAIL REPLACEMENT NEAR THE USH 53/CTH V INTERCHANGE. SEE CROSS SECTIONS, CONSTRUCTION DETAILS, AND SECTION 5 PLAN SHEETS FOR LOCATIONS

(PR) CONCRETE PAVEMENT REPAIR AT JOINTS SPECIFIED BY THE ENGINEER IN THE FIELD

SEE THE EROSION CONTROL SHEETS FOR TOPSOIL AND FINISHING INFORMATION

PROJECT NO:1198-10-77/78	HWY:USH 53	COUNTY:BARRON & WASHBURN	TYPICAL SECTIONS	SHEET 10	E

2



TYPICAL FINISHED SECTION

SIDE ROADS

26TH AVE
27TH AVE
29 3/4 AVE
30TH AVE
PIERCE RD
A&J RD
LONG LAKE AVE
BIG KEGAMA RD
DUCK POND RD
PINE GROVE RD
ZIMMERMAN RD

NOTES

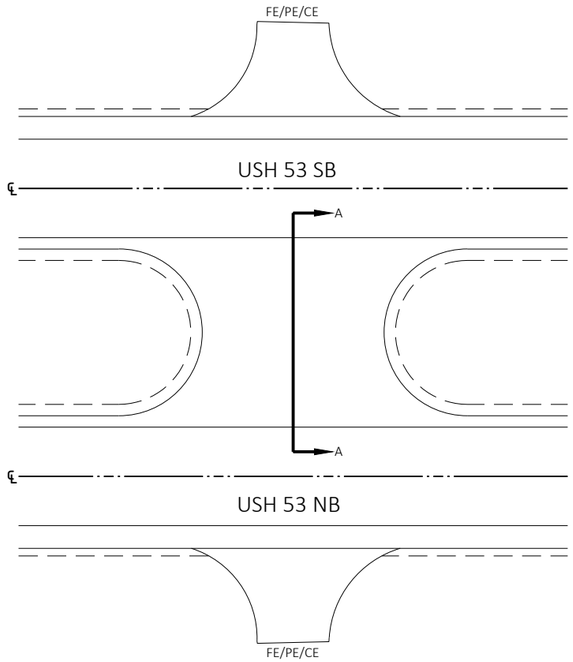
X = POINT REFERENCED TO ON PROFILE
Y = POINT REFERENCED TO ON CROSS SECTIONS

** 27TH AVE AND A&J RD DO NOT HAVE AN ASPHALTIC PAVEMENT SURFACE

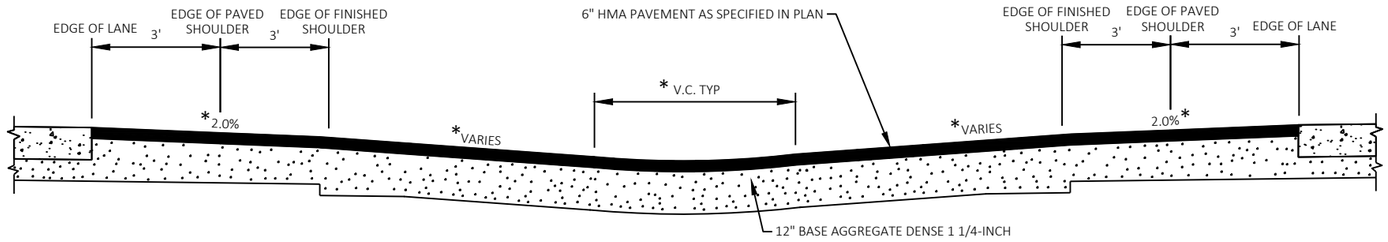
Ⓢ EXISTING SIDE SLOPES VARY FROM 2:1 TO 10:1, TYPICAL VALUES SHOWN

SEE INTERSECTION DETAILS FOR PAVING LIMITS

SEE THE EROSION CONTROL SHEETS FOR TOPSOIL AND FINISHING INFORMATION



PLAN VIEW



SECTION A-A

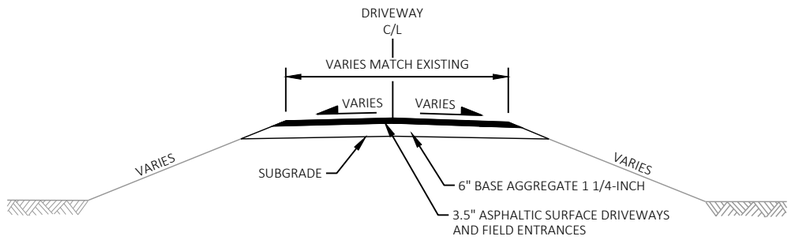
DETAIL OF DRIVEWAY MEDIAN OPENINGS

SEE SECTION 5 PLAN SHEETS FOR LOCATIONS

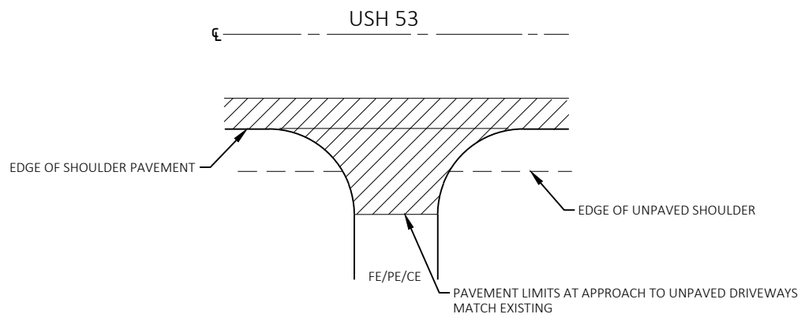
NOTES

* SEE CROSS SECTIONS FOR ADDITIONAL INFORMATION

SEE CONSTRUCTION DETAILS FOR LAYOUT INFORMATION



CROSS SECTION VIEW



PLAN VIEW

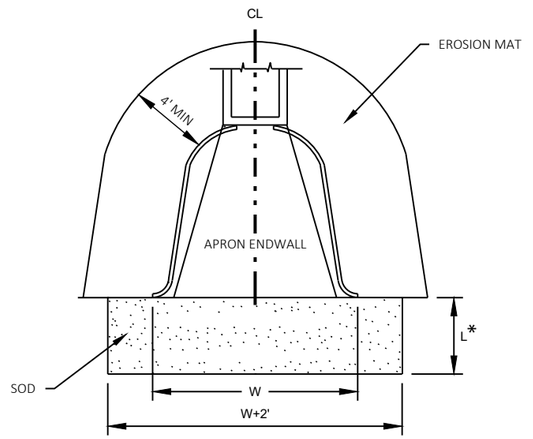
UNPAVED DRIVEWAY DETAIL

SEE SECTION 5 PLAN SHEETS FOR LOCATIONS

NOTES

ALL DRIVEWAYS SHALL MEET EXISTING LAYOUT AND PAVING LIMITS UNLESS DIRECTED OTHERWISE BY THE ENGINEER

SEE CONSTRUCTION DETAILS DRIVEWAY MEDIAN OPENINGS AND INTERSECTION DETAILS FOR ADDITIONAL LAYOUT INFORMATION

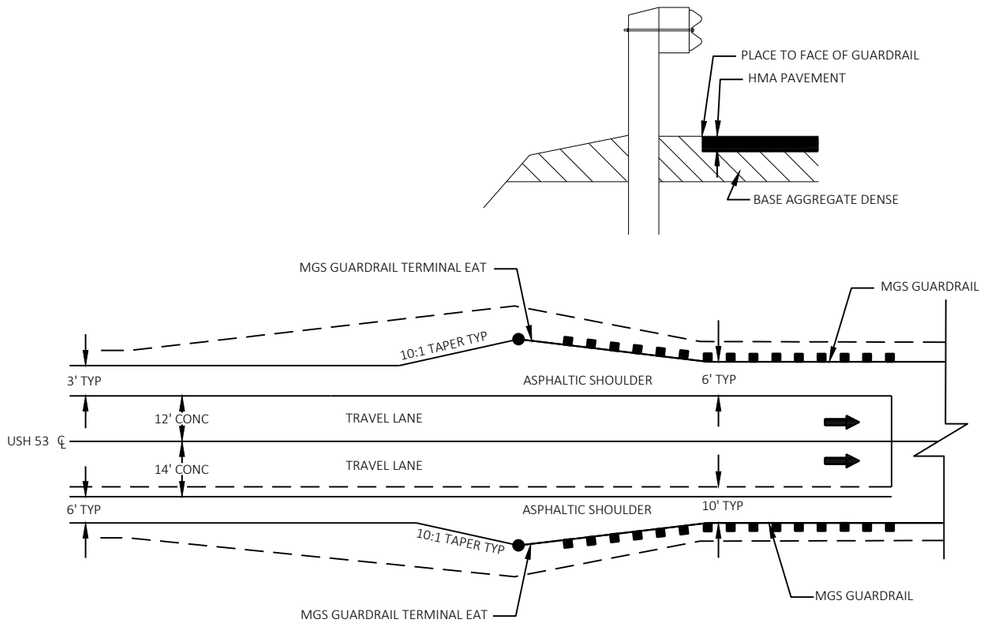


DETAIL OF SOD EROSION CONTROL AT PIPE ENDS

NOTES

* L = 3 TIMES DIAMETER OR 10' MIN, UNLESS OTHERWISE NOTED ON EROSION CONTROL SHEETS

SEE EROSION CONTROL PLANS FOR LOCATIONS (W X L)

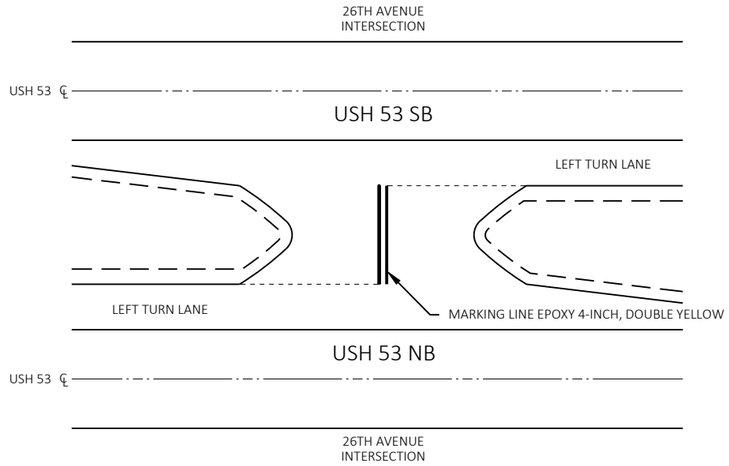


PAVED SHOULDER AT GUARDRAIL DETAIL

NOTES

SEE SECTION 5 PLAN SHEETS AND SDD "MIDWEST GUARDRAIL SYSTEM (MGS) EAT" FOR ADDITIONAL INFORMATION.

PAVED SHOULDER AT GUARDRAIL NOT REQUIRED FOR TEMPORARY GUARDRAIL LOCATIONS.

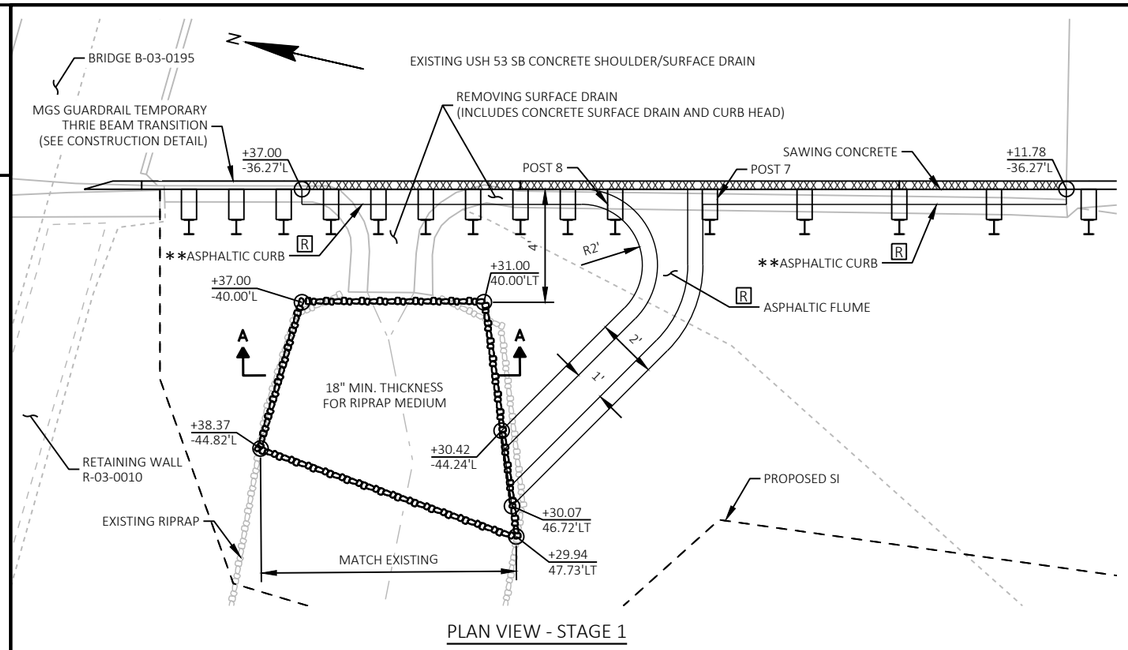


DETAIL OF CENTERLINE MARKING AT 26TH AVENUE MEDIAN OPENING

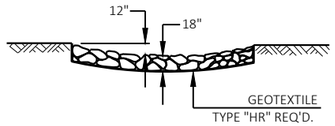
NOTES

SEE STANDARD DETAIL DRAWINGS AND MISCELLANEOUS QUANTITIES FOR ADDITIONAL MARKING INFORMATION AT INTERSECTIONS

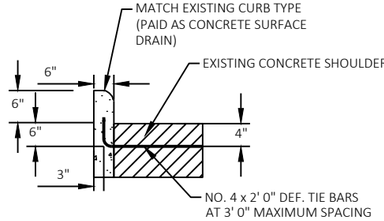
NO MARKINGS ARE PROPOSED AT OTHER INTERSECTION OR DRIVEWAY MEDIAN OPENINGS



PLAN VIEW - STAGE 1



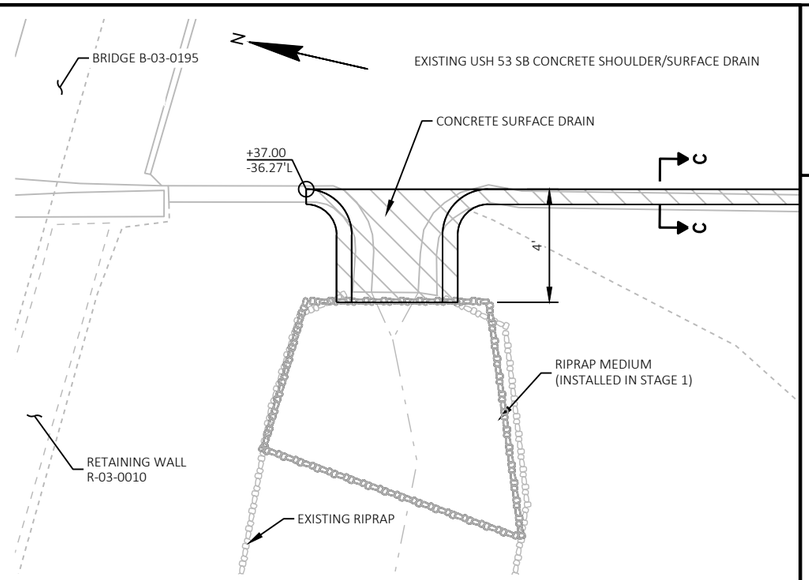
SECTION A-A



SECTION C-C

ASPHALTIC FLUME/CONCRETE SURFACE DRAIN AND RIPRAP MEDIUM DETAIL

STA 5889+35 LT



PLAN VIEW - STAGE 4

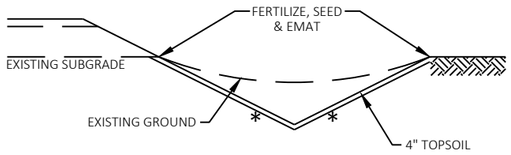
NOTES

SEE SDD "MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION", "CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES", "CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS", AND "CONCRETE SURFACE DRAINS FLUME TYPE AT STRUCTURES" FOR ADDITIONAL INFORMATION

SEE CONSTRUCTION DETAIL - TEMPORARY GUARDRAIL AND REMOVAL PLAN FOR TEMPORARY GUARDRAIL INSTALLATION DETAILS IN STAGE 1

R REMOVAL OF ASPHALTIC FLUME AND ASPHALTIC CURB IN STAGE 4 TO BE PAID AS REMOVING SURFACE DRAINS

** SEE SDD "CONCRETE CURB AND GUTTER" AND MAKE THE ASPHALTIC CURB HEAD SIMILAR TO THE CURB HEAD FOR CONCRETE CURB & GUTTER 30-INCH TYPE D



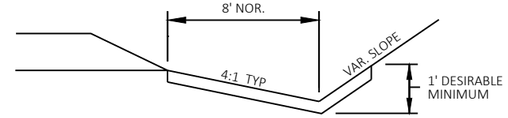
DITCH CLEANING DETAIL

STA 5777+45, FROM AEW TO 140' LT
STA 2795+30, FROM AEW TO 82' RT
STA 2811+49 - STA 2812+29, RT
STA 5933+10 - STA 5934+10, LT
STA 2952+31, FROM AEW TO 59' RT
STA 2985+50, FROM AEW TO 54' RT
STA 2999+15, FROM AEW TO 118' RT
STA 3033+09, FROM AEW TO 70' RT
STA 3044+01, FROM AEW TO 65' RT
STA 3048+30, FROM AEW TO 65' RT
STA 3055+89 - STA 3056+89, RT
STA 3067+73, FROM AEW TO 80' RT
STA 3074+50 - STA 3075+50, RT
STA 6100+78 - STA 6102+28, LT
STA 6109+58 - STA 6110+67, LT
STA 3127+25 - STA 3127+75, RT
STA 6148+94 - STA 6149+44, LT
STA 6200+45 - STA 6200+95, LT

NOTES

* SLOPES VARY, 4:1 MAX

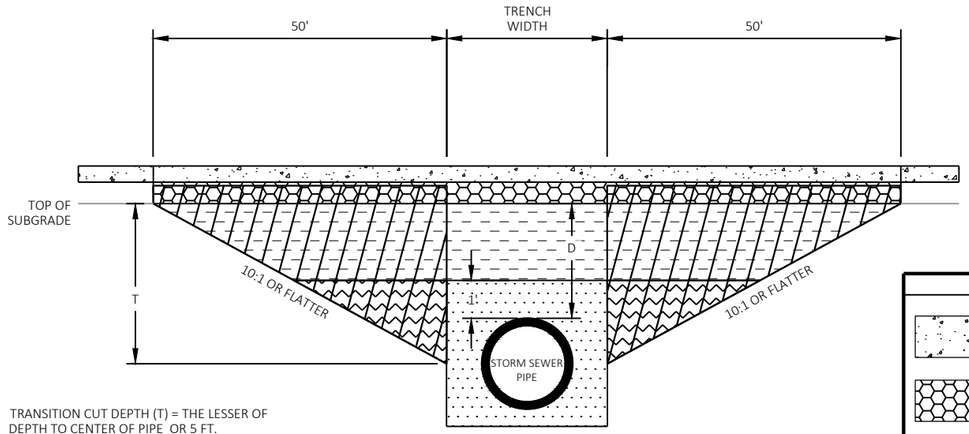
SEE SECTION 5 SHEETS FOR ADDITIONAL DRAINAGE WORK THAT MAY BE OCCURRING IN DITCH CLEANING AREAS



EROSION MAT DETAIL FOR DITCHES

SPOT AREAS OF GRADING

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON & WASHBURN	CONSTRUCTION DETAILS	SHEET 14	E

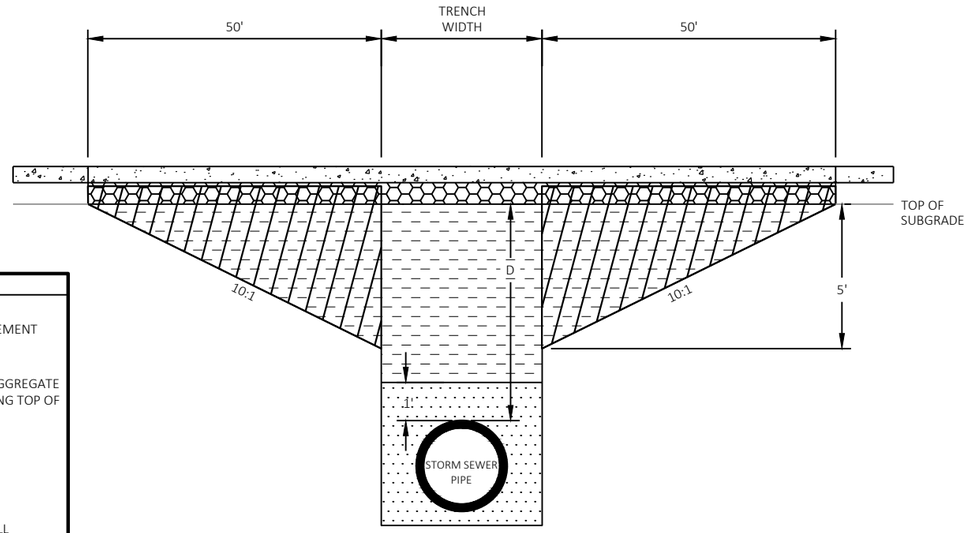


TRANSITION CUT DEPTH (T) = THE LESSER OF
DEPTH TO CENTER OF PIPE OR 5 FT.
DO NOT EXTEND TRANSITION CUT BELOW HORIZONTAL CENTER OF PIPE.

DEPTH D < 6 FT

LEGEND

- PROPOSED 9 1/2" CONCRETE PAVEMENT
- PROPOSED BASE (18" MIN BASE AGGREGATE DENSE 1-1/4-INCH, MATCH EXISTING TOP OF SUBGRADE)
- TRENCH BACKFILL
- TRENCH OR FOUNDATION BACKFILL
- FOUNDATION BACKFILL
- TRANSITION CUT



DEPTH D ≥ 6 FT

NOTES

TRANSITION CUT IS PAID AS EXCAVATION COMMON

TRANSITION CUT WIDTH IS FROM SUBGRADE SHOULDER POINT TO SUBGRADE SHOULDER POINT

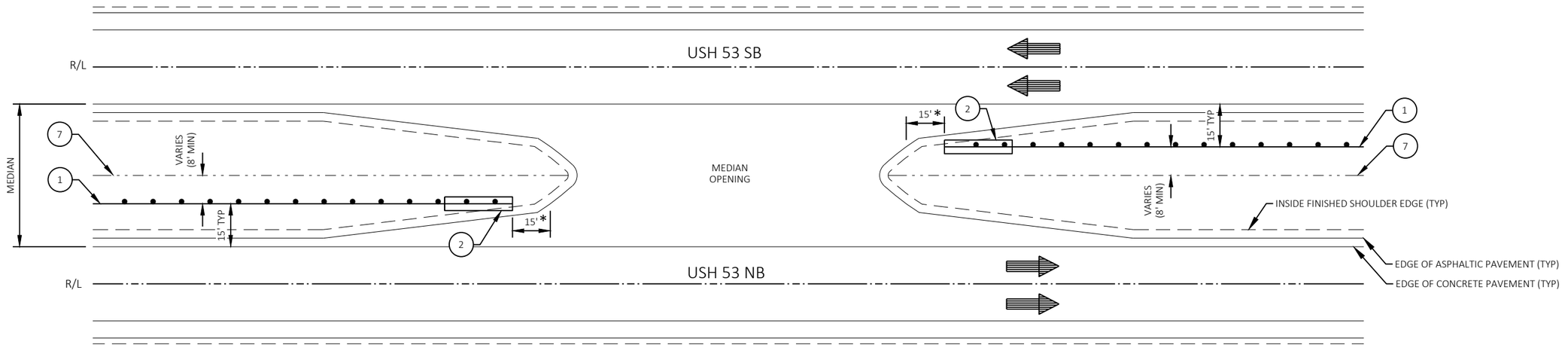
BACKFILL THE TRANSITION CUT AREAS WITH FOUNDATION AND TRENCH BACKFILL AS SPECIFIED IN STANDARD SPEC 608

* DEPTH IS MEASURED AT THE DEEPEST PORTION OF THE PIPE WITHIN THE SHOULDER POINTS

PIPE TRANSITION DETAIL

ROUTE	STA (CL)	DEPTH D (FT)*	PIPE DIA (IN)
USH 53	5777+42	6.7'	36" STORM SEWER
USH 53	2848+39	2.0'	24" STORM SEWER
USH 53	5944+87	3.4'	24" STORM SEWER
USH 53	5951+88	4.1'	24" STORM SEWER
USH 53	6039+58	2.6'	24"x38" STORM SEWER
USH 53	3039+80	3.0'	24"x38" STORM SEWER

2



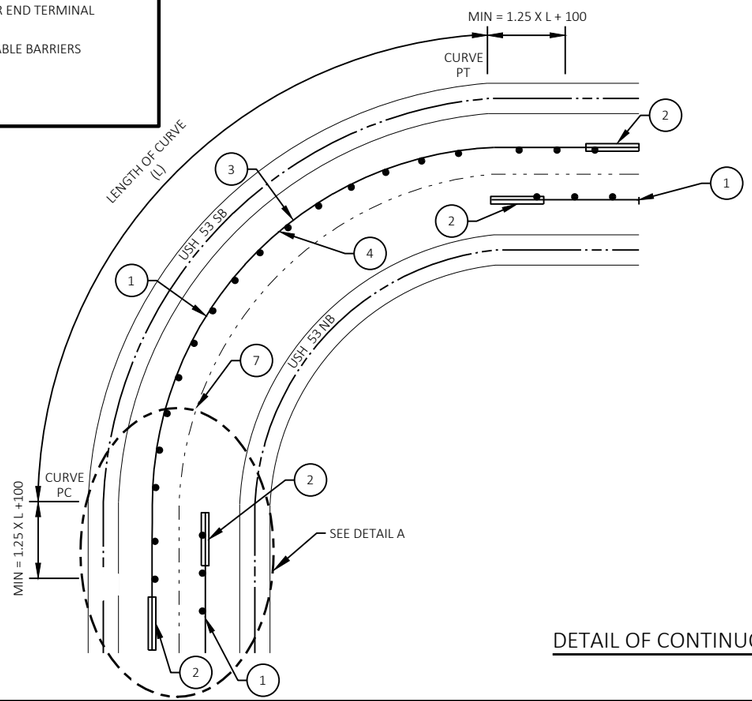
DETAIL OF CABLE BARRIER LAYOUT AT MEDIAN OPENINGS

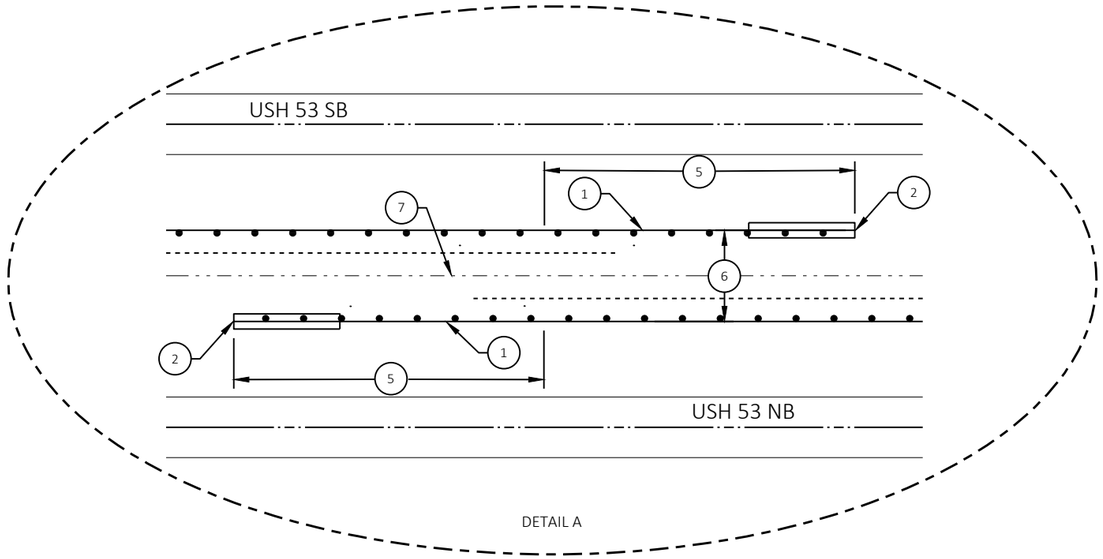
NOTES
* DISTANCE MEASURED FROM NEAREST EDGE OF ASPHALTIC PAVEMENT TO THE TERMINAL

INSTALL ALL CABLE BARRIER AND END TERMINALS PER THE MANUFACTURER'S REQUIREMENTS

LEGEND

1. CABLE BARRIER TYPE 1
2. CABLE BARRIER END TERMINAL
3. CONVEX SIDE IMPACT SIDE
4. CONCAVE SIDE IMPACT SIDE
5. LENGTH OF NEED POINT OF CABLE BARRIER END TERMINAL
6. ADEQUATE WORKING WIDTH BETWEEN CABLE BARRIERS (PER MANUFACTURER'S REQUIREMENTS)
7. DITCH FLOW LINE





DETAIL OF CONTINUOUS INSTALLATION OF CABLE BARRIER ON CURVE

PROJECT NO: 1198-10-78	HWY: USH 53	COUNTY: BARRON	CONSTRUCTION DETAILS	SHEET 16	E

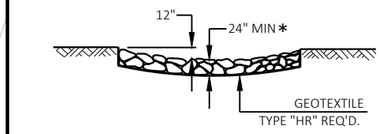
NOTES

* REPAIR OF EXISTING RIPRAP MAY REQUIRE ADDITIONAL RIPRAP HEAVY THICKNESS TO RESTORE TO ORIGINAL GRADE.

OVERLAP PROPOSED GEOTEXTILE 18" MIN OVER EXISTING GEOTEXTILE.

DO NOT SALVAGE EXISTING RIPRAP STONE.

** AVOID EXISTING UNDERGROUND ASTREA COMMUNICATION FACILITY (APPROXIMATE DEPTH = 1.8').



TYPICAL RIPRAP SECTION

RIPRAP REPAIR DETAIL

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CONSTRUCTION DETAILS	SHEET 17	E

2

2

STAGE 1
STA 5888+52 - STA 5889+44, LT
MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSTION
MGS GUARDRAIL TEMPORARY TERMINAL EAT

STA 5886+97 - STA 5889+27, RT
MGS GUARDRAIL TEMPORARY
MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSTION
MGS GUARDRAIL TEMPORARY TERMINAL EAT

STAGE 3
STA 5886+97 - STA 5889+27, RT
REMOVE MGS GUARDRAIL TEMPORARY (INCIDENTAL TO ITEMS)

STAGE 4
STA 5888+52 - STA 5889+44, LT
REMOVE MGS GUARDRAIL TEMPORARY (INCIDENTAL TO ITEMS)

REMOVE CONCRETE SURFACE DRAIN, INSTALL ASPHALTIC FLUME, AND RIPRAP MEDIUM IN STAGE 1
REMOVE ASPHALTIC FLUME AND INSTALL CONCRETE SURFACE DRAIN IN STAGE 4
(SEE CONSTRUCTION DETAILS)

N

SIGN

5887+45
5888+52
5889+02
5889+44

B-03-0195
TO REMAIN

5884+00 5885+00 5886+00 USH 53 SB 5887+00 5888+00 5889+00

5885+55
5886+97
5887+47
5889+27

2884+00 2885+00 2886+00 USH 53 NB 2887+00 2888+00 2889+00

BP: 798+00.00

B-03-0196
TO REMAIN

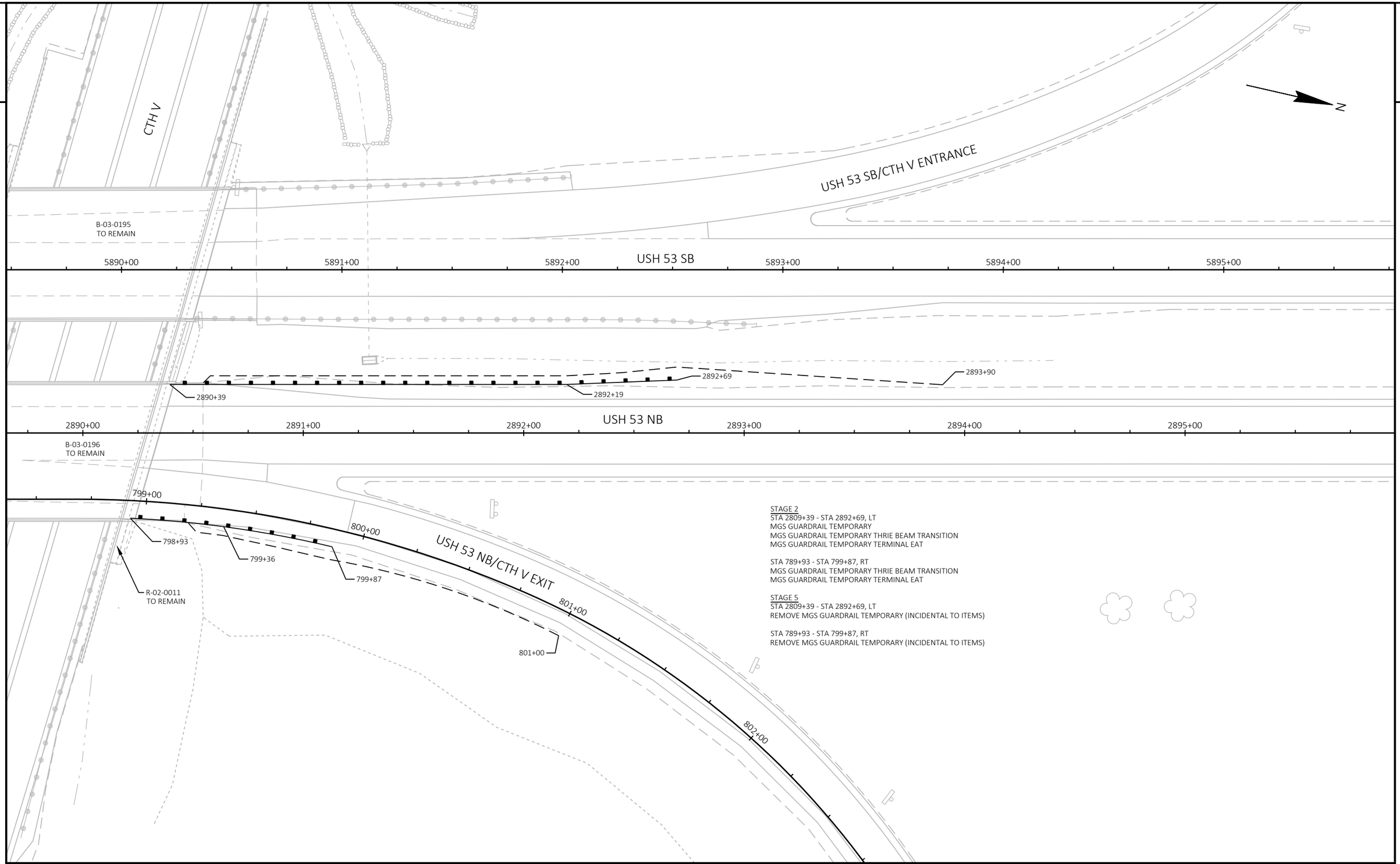
R-02-0011
TO REMAIN

CTH V

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CONSTRUCTION DETAILS - TEMPORARY GUARDRAIL AND REMOVAL PLAN	SHEET 18	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\021003-CD.DWG
LAYOUT NAME - 01
PLOT DATE : 1/20/2022 10:01 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



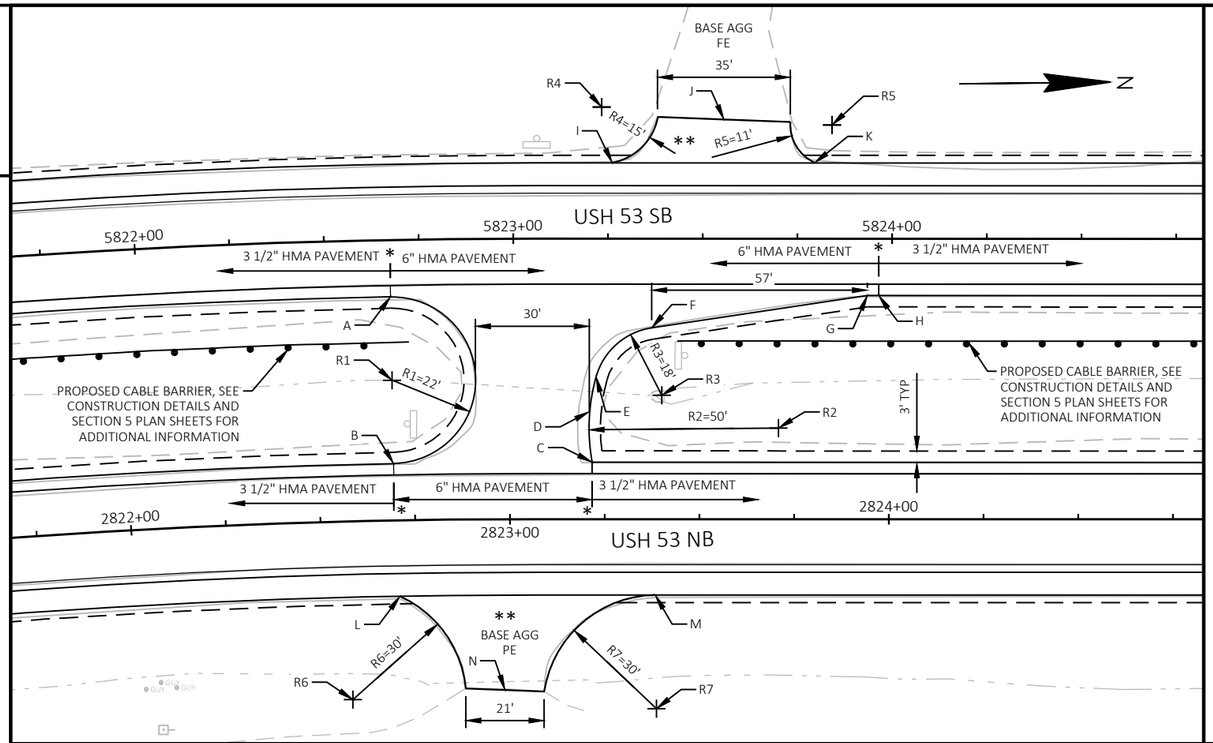
STAGE 2
STA 2809+39 - STA 2892+69, LT
MGS GUARDRAIL TEMPORARY
MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSITION
MGS GUARDRAIL TEMPORARY TERMINAL EAT

STA 789+93 - STA 799+87, RT
MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSITION
MGS GUARDRAIL TEMPORARY TERMINAL EAT

STAGE 5
STA 2809+39 - STA 2892+69, LT
REMOVE MGS GUARDRAIL TEMPORARY (INCIDENTAL TO ITEMS)

STA 789+93 - STA 799+87, RT
REMOVE MGS GUARDRAIL TEMPORARY (INCIDENTAL TO ITEMS)

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CONSTRUCTION DETAILS - TEMPORARY GUARDRAIL AND REMOVAL PLAN	SHEET 19	E



DRIVEWAY STATION 2822+99 & 5823+56		
POINT	STATION	OFFSET
A	5822+67.31	15.00, RT
B	2822+69.59	15.00, LT
C	2823+21.70	15.01, LT
D	5823+20.06	45.67, RT
E	5823+21.86	36.47, RT
F	5823+36.52	23.52, RT
G	5823+93.47	15.00, RT
H	5823+96.45	15.00, RT
I	5823+26.15	20.00, LT
J	5823+55.61	31.45, LT
K	5823+79.53	20.00, LT
L	2822+70.61	20.00, RT
M	2823+38.37	20.00, RT
N	2822+98.54	45.06, RT
R1	5822+67.31	37.00, RT
R2	5823+70.01	49.94, RT
R3	5823+39.19	41.32, RT
R4	5823+23.32	34.73, LT
R5	5823+84.10	30.00, LT
R6	2822+57.33	47.02, RT
R7	2823+38.72	50.00, RT

DRIVEWAY STATION 2956+55		
POINT	STATION	OFFSET
A	5955+75.48	15.00, RT
B	2956+18.02	15.00, LT
C	5956+49.48	15.00, RT
D	2956+92.02	15.00, LT
E	2956+21.57	20.00, RT
F	2956+88.48	20.00, RT
G	2956+55.02	44.00, RT
R1	5955+75.48	37.00, RT
R2	5956+49.48	37.00, RT
R3	2956+21.57	44.00, RT
R4	2956+88.48	44.00, RT

DRIVEWAY STATION 2970+46		
POINT	STATION	OFFSET
A	5969+92.43	14.96, RT
B	2970+16.04	15.04, LT
C	2970+85.98	15.00, LT
D	5970+61.99	21.61, RT
E	5971+21.44	15.00, RT
F	5971+48.32	15.00, RT
G	2970+20.73	20.00, RT
H	2970+69.65	20.00, RT
I	2970+45.55	44.42, RT
R1	5969+92.38	36.96, RT
R2	5970+64.07	40.25, RT
R3	2970+04.91	45.60, RT
R4	2970+88.20	46.22, RT

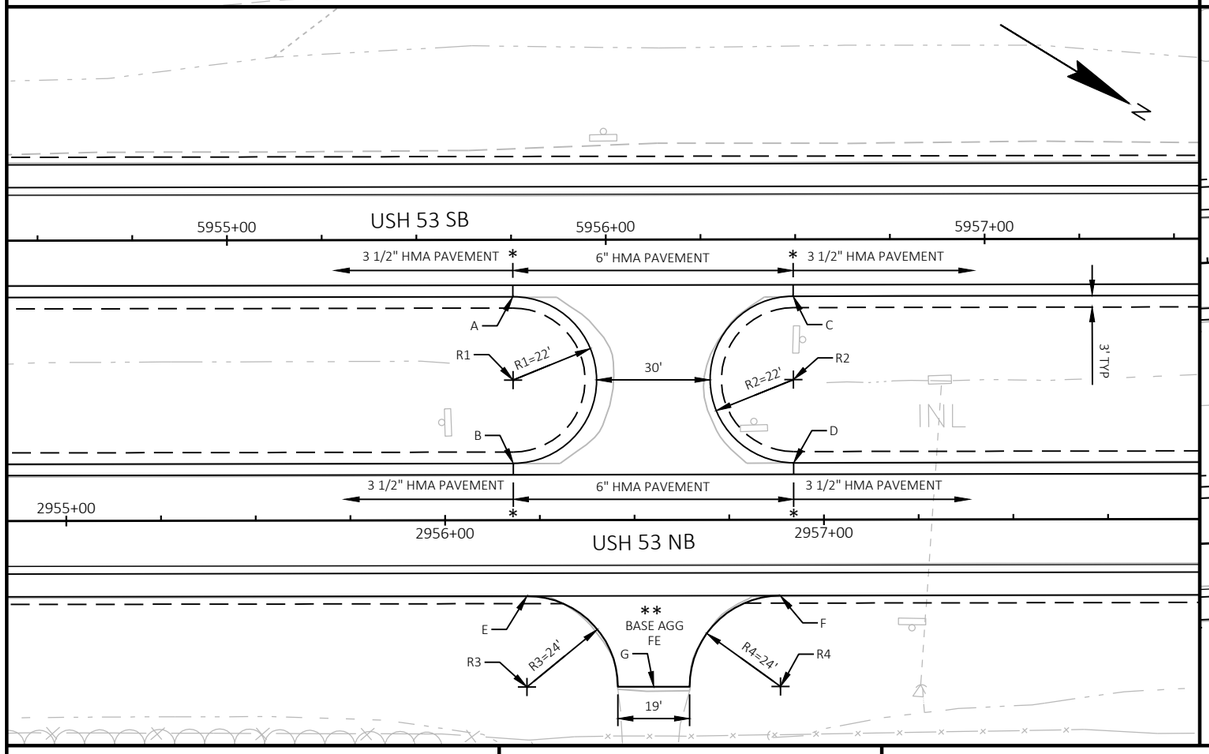
NOTES

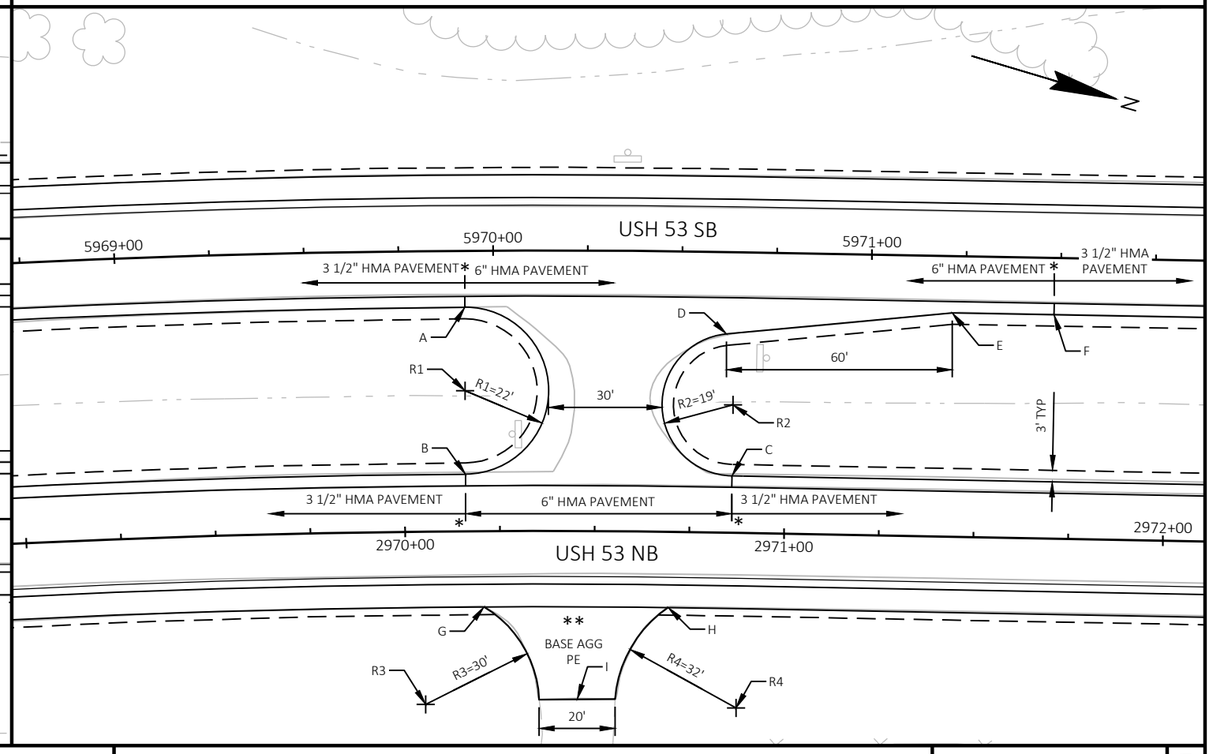
DRIVEWAYS PRESENT AT INTERSECTIONS ARE SHOWN ON INTERSECTION DETAILS

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

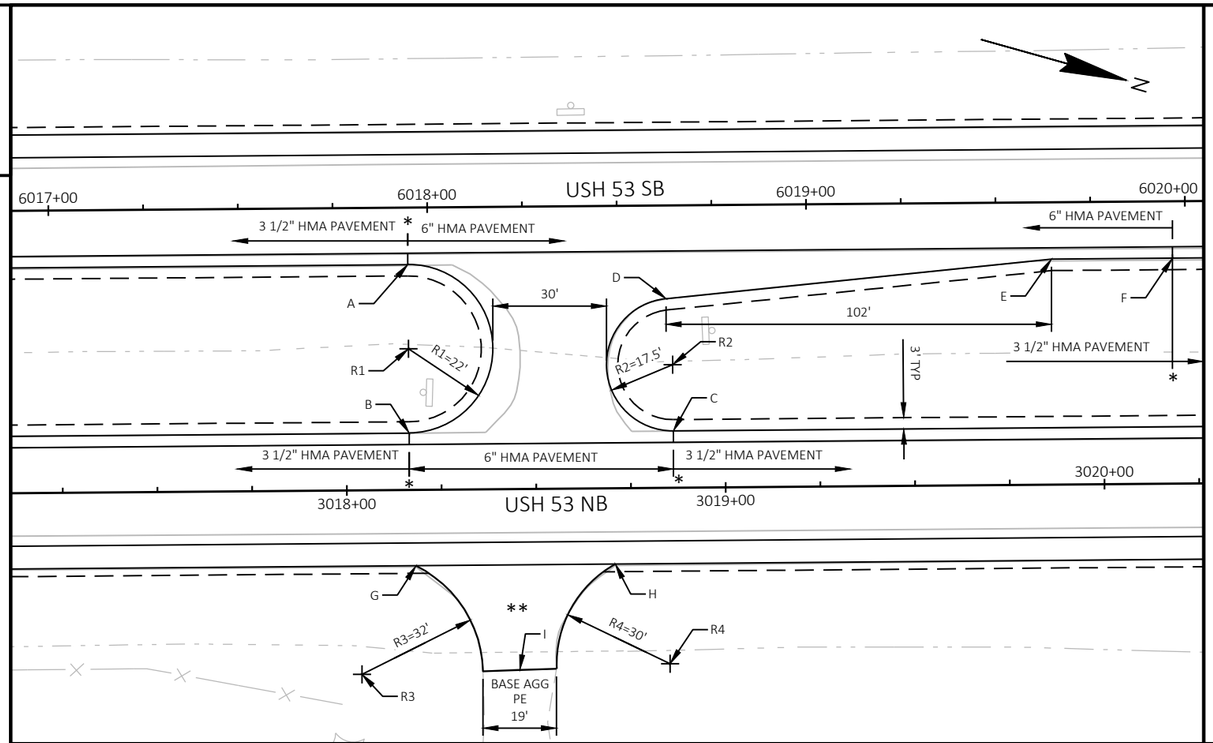
** 3 1/2" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES ON APRON LIMITS SHOWN, MATERIAL BEYOND PAVED APRON LIMITS NOTED IN PLAN VIEWS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CONSTUCTION DETAILS - DRIVEWAY MEDIAN OPENINGS	SHEET 20	E



DRIVEWAY STATION 3018+45		
POINT	STATION	OFFSET
A	6017+94.76	15.00, RT
B	3018+16.58	15.00, LT
C	3018+86.31	15.00, LT
D	6018+62.85	24.56, RT
E	6019+64.67	15.00, RT
F	6019+96.62	15.00, RT
G	3018+18.10	20.00, RT
H	3018+70.69	20.00, RT
I	3018+45.26	47.74, RT
R1	6017+94.76	37.24, RT
R2	6018+64.48	41.98, RT
R3	3018+03.57	48.51, RT
R4	3018+84.93	46.40, RT

DRIVEWAY STATION 6035+16		
POINT	STATION	OFFSET
A	6034+85.90	15.00, RT
B	6034+88.03	49.87, RT
C	3034+32.37	15.00, LT
D	3034+07.86	15.01, LT
E	3035+77.38	15.01, LT
F	6035+55.56	14.99, RT
G	6034+77.28	20.00, LT
H	6035+43.96	20.00, LT
I	6035+15.91	54.13, LT
R1	6034+85.90	32.50, RT
R2	6035+55.56	37.17, RT
R3	6034+69.33	59.32, LT
R4	6035+57.66	52.21, LT

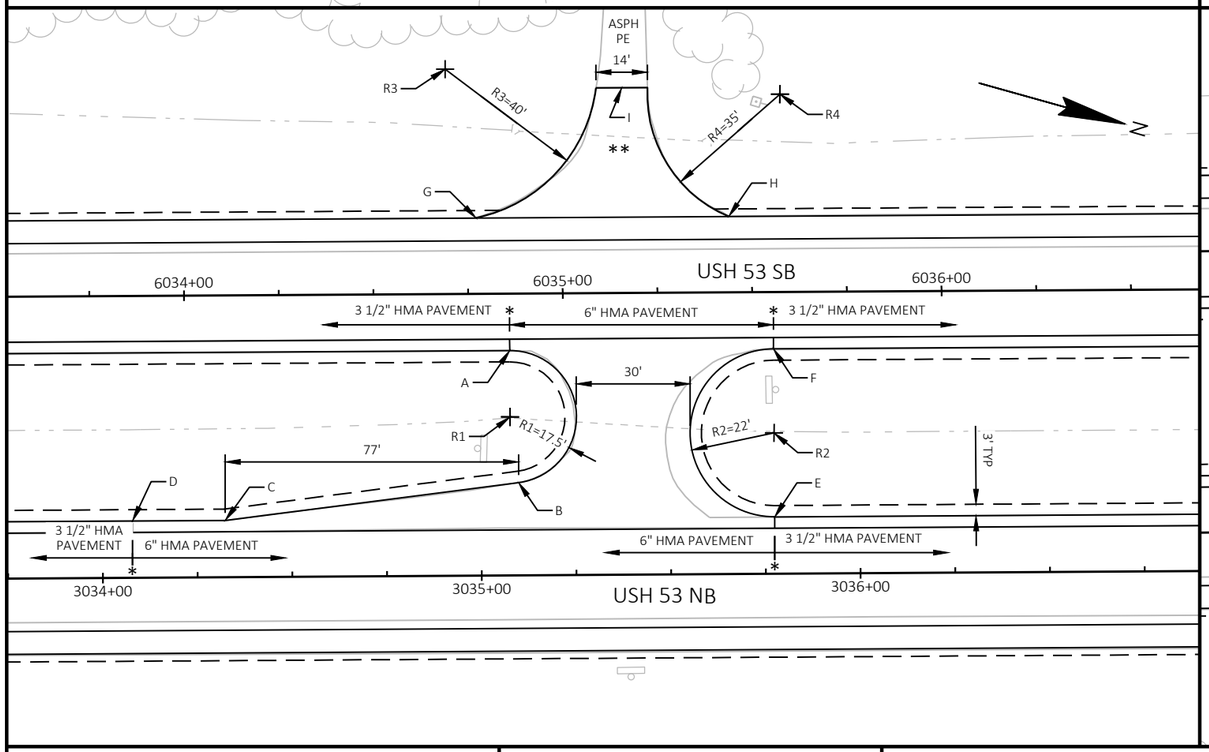
DRIVEWAY STATION 3058+51 6058+20		
POINT	STATION	OFFSET
A	6057+91.46	15.00, RT
B	6057+93.61	49.87, RT
C	3057+40.35	15.00, LT
D	3057+16.20	15.00, LT
E	3058+82.60	15.00, LT
F	6058+59.06	24.26, RT
G	6059+52.91	15.00, RT
H	6057+69.64	20.00, LT
I	6058+77.71	20.00, LT
J	6058+19.80	52.01, LT
K	3058+23.38	20.00, RT
L	3058+75.00	20.00, RT
M	3058+50.57	47.62, RT
R1	6057+91.46	32.50, RT
R2	6058+60.78	41.67, RT
R3	6057+64.19	60.64, LT
R4	6058+82.71	69.75, LT
R5	3058+09.79	47.86, RT
R6	3058+83.06	41.96, RT

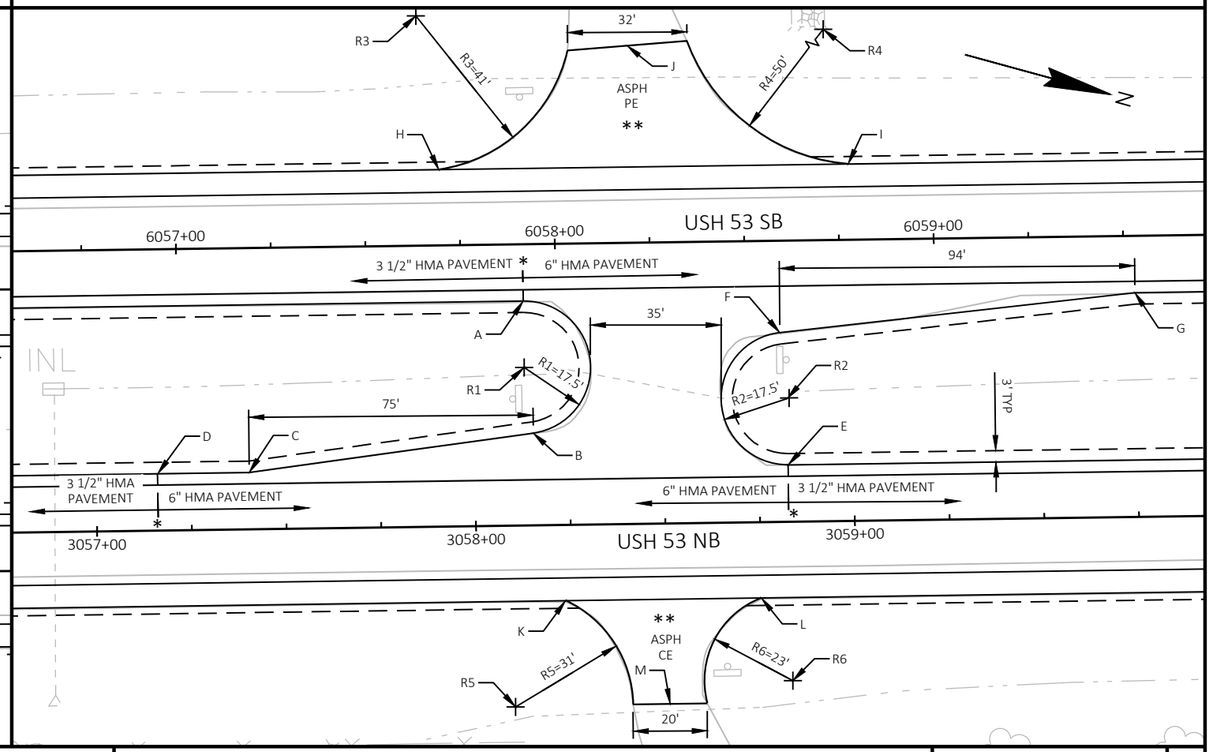
COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

NOTES
DRIVEWAYS PRESENT AT INTERSECTIONS ARE SHOWN ON INTERSECTION DETAILS

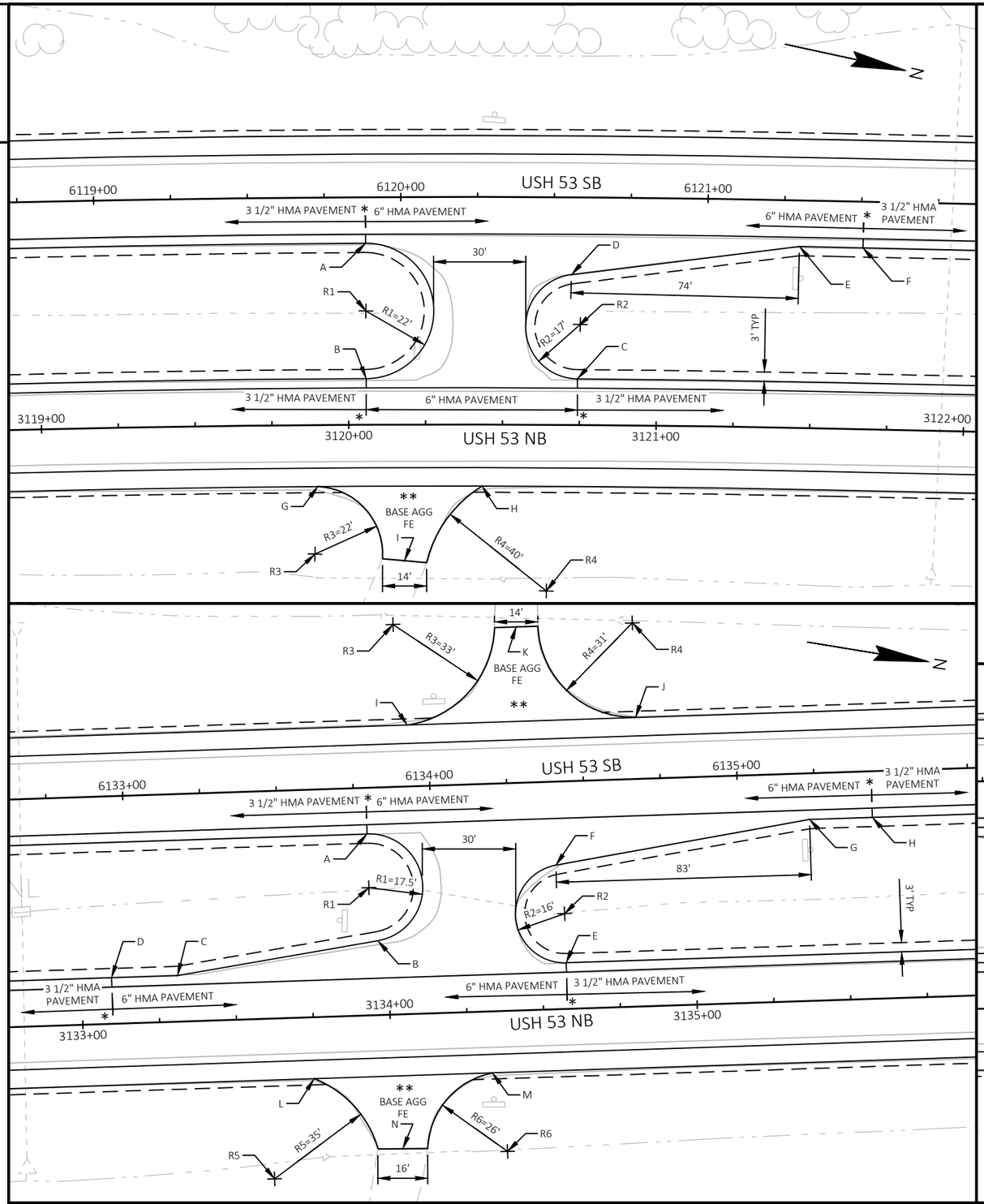
* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

** 3 1/2" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES ON APRON LIMITS SHOWN, MATERIAL BEYOND PAVED APRON LIMITS NOTED IN PLAN VIEWS





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CONSTUCTION DETAILS - DRIVEWAY MEDIAN OPENINGS	SHEET 21	E



DRIVEWAY STATION 3120+18		
POINT	STATION	OFFSET
A	6119+88.44	15.00, RT
B	3120+05.76	15.00, LT
C	3120+74.33	15.00, LT
D	6120+55.68	25.14, RT
E	6121+30.02	15.00, RT
F	6121+50.74	15.00, RT
G	3119+89.78	20.00, RT
H	3120+43.44	20.00, RT
I	3120+18.06	44.30, RT
R1	6119+88.44	37.00, RT
R2	6120+57.89	42.00, RT
R3	3119+88.70	41.97, RT
R4	3120+64.60	54.03, RT

NOTES

DRIVEWAYS PRESENT AT INTERSECTIONS ARE SHOWN ON INTERSECTION DETAILS

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

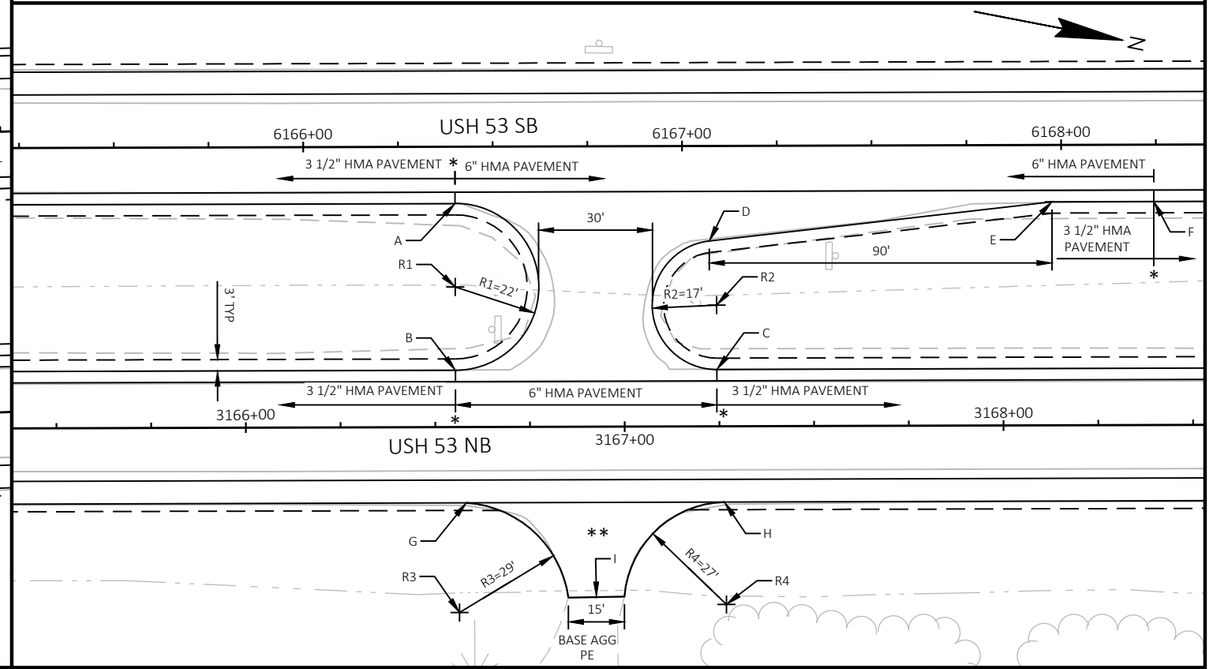
** 3 1/2" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES ON APRON LIMITS SHOWN, MATERIAL BEYOND PAVED APRON LIMITS NOTED IN PLAN VIEWS

COORDINATE SYSTEM NOTE

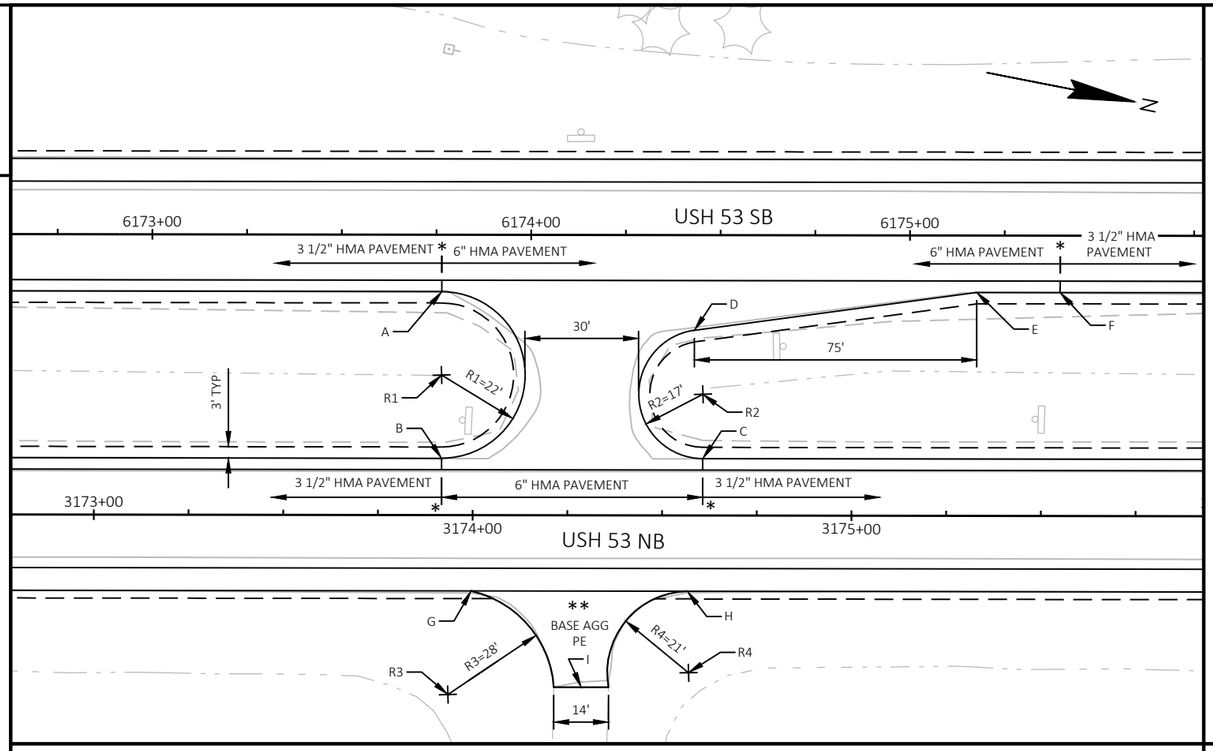
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

DRIVEWAY STATION 3134+03 6134+30		
POINT	STATION	OFFSET
A	6133+79.07	15.00, RT
B	6133+81.50	49.83, RT
C	3133+31.29	15.00, LT
D	3133+09.84	15.00, LT
E	3134+57.85	15.00, LT
F	6134+40.17	27.17, RT
G	6135+23.15	15.00, RT
H	6135+43.60	15.00, RT
I	6133+93.28	20.00, LT
J	6134+67.63	20.00, LT
K	6134+29.78	50.72, LT
L	3133+74.62	20.00, RT
M	3134+32.70	20.00, RT
N	3134+02.73	43.71, RT
R1	6133+79.07	32.50, RT
R2	6134+42.49	43.00, RT
R3	6133+89.76	52.81, LT
R4	6134+67.66	50.80, LT
R5	3133+60.71	52.12, RT
R6	3134+36.77	45.68, RT

DRIVEWAY STATION 3166+92		
POINT	STATION	OFFSET
A	6166+40.03	15.00, RT
B	3166+55.39	15.00, LT
C	3167+24.37	15.00, LT
D	6167+07.12	25.11, RT
E	6167+97.60	15.00, RT
F	6168+24.46	15.00, RT
G	3166+58.14	20.00, RT
H	3167+26.25	20.00, RT
I	3166+92.39	44.97, RT
R1	6166+40.03	37.00, RT
R2	6167+09.00	42.00, RT
R3	3166+56.24	48.94, RT
R4	3167+26.71	47.00, RT



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CONSTUCTION DETAILS - DRIVEWAY MEDIAN OPENINGS	SHEET 22	E



DRIVEWAY STATION 3174+29		
POINT	STATION	OFFSET
A	6173+76.41	15.00, RT
B	3173+91.77	15.00, LT
C	3174+60.73	15.00, LT
D	6174+43.08	25.16, RT
E	6175+17.62	15.00, RT
F	6175+39.65	15.00, RT
G	3173+99.65	20.00, RT
H	3174+56.73	20.00, RT
I	3174+28.72	45.36, RT
R1	6173+76.41	37.00, RT
R2	6174+45.37	42.00, RT
R3	3173+93.56	47.33, RT
R4	3174+57.03	41.44, RT

DRIVEWAY STATION 3177+79		
POINT	STATION	OFFSET
A	6177+28.43	15.00, RT
B	3177+43.79	15.00, LT
C	3178+12.57	15.00, LT
D	6177+95.07	24.13, RT
E	6178+69.28	15.00, RT
F	6178+93.67	15.00, RT
G	3177+52.51	20.00, RT
H	3178+07.32	20.00, RT
I	3177+78.91	43.60, RT
R1	6177+28.49	37.03, RT
R2	6177+97.20	41.50, RT
R3	3177+41.86	48.13, RT
R4	3178+13.13	46.37, RT

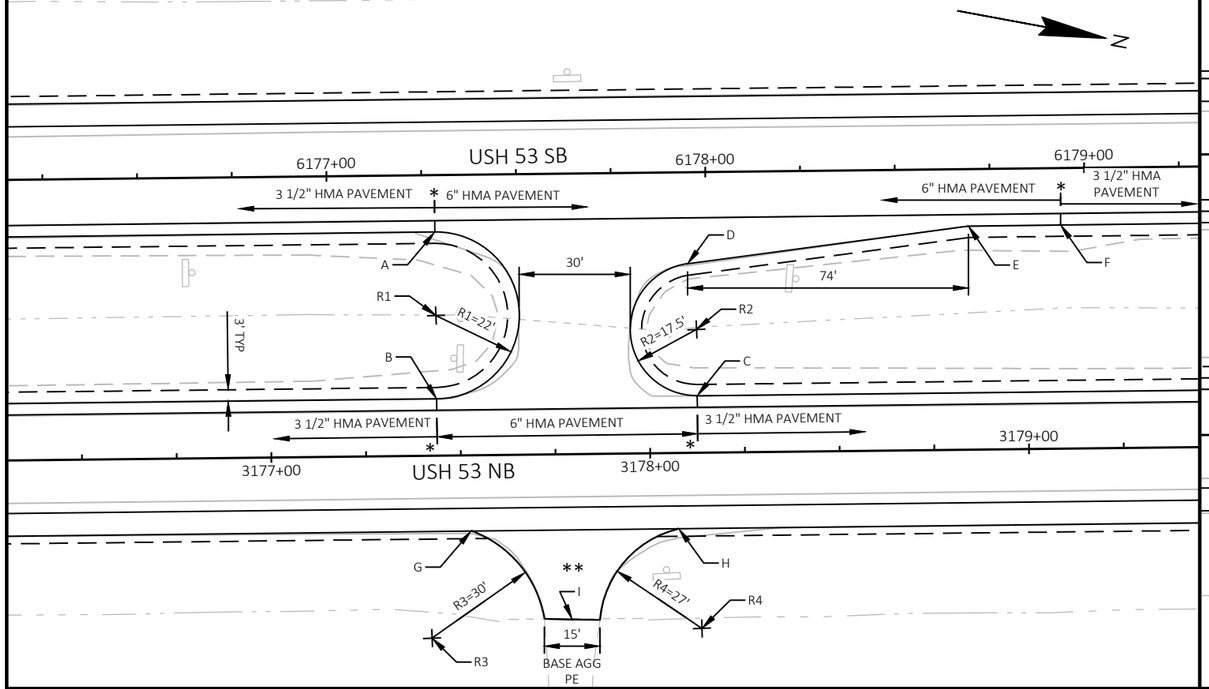
DRIVEWAY STATION 3200+71		
POINT	STATION	OFFSET
A	6200+15.29	15.00, RT
B	3200+30.66	15.00, LT
C	3201+00.00	15.00, LT
D	6200+81.87	25.17, RT
E	6201+53.63	15.00, RT
F	6201+74.80	15.00, RT
G	3200+42.34	20.00, RT
H	3201+00.83	20.00, RT
I	3200+71.25	45.82, RT
R1	6200+15.29	37.00, RT
R2	6200+84.25	42.00, RT
R3	3200+39.84	44.93, RT
R4	3201+03.65	45.90, RT

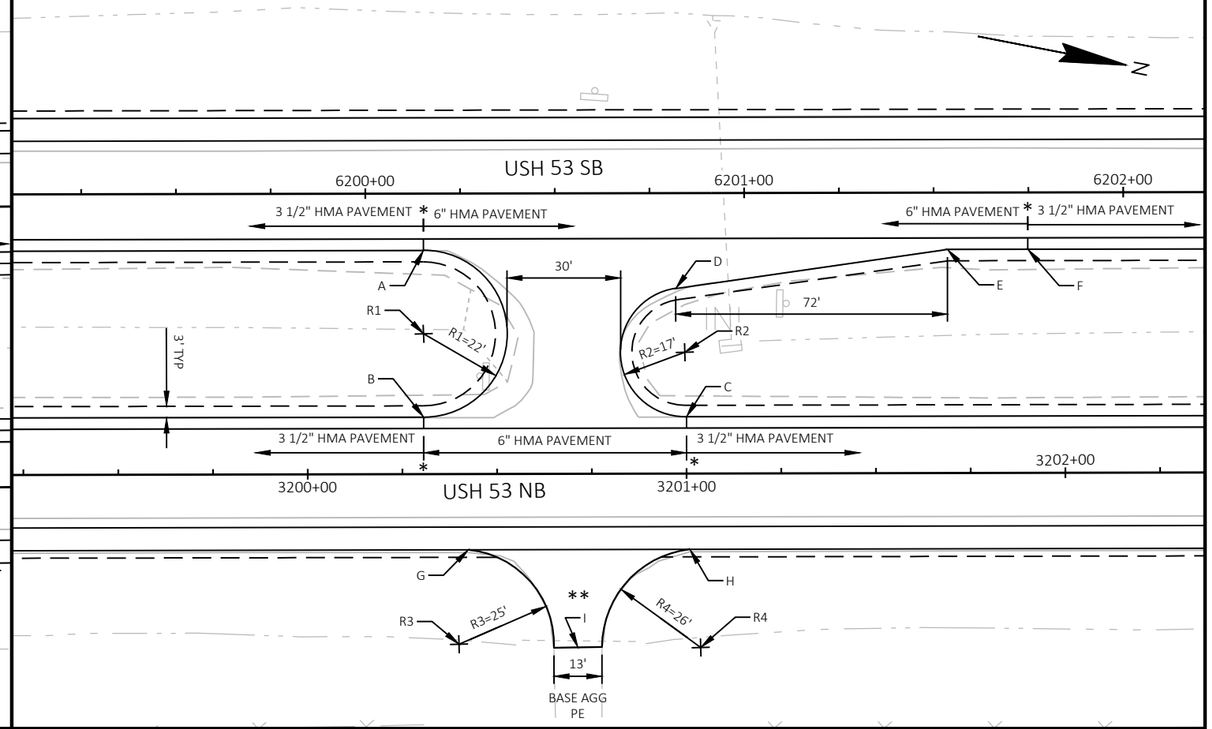
NOTES
DRIVEWAYS PRESENT AT INTERSECTIONS ARE SHOWN ON INTERSECTION DETAILS

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

** 3 1/2" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES ON APRON LIMITS SHOWN, MATERIAL BEYOND PAVED APRON LIMITS NOTED IN PLAN VIEWS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CONSTUCTION DETAILS - DRIVEWAY MEDIAN OPENINGS	SHEET 23	E

LEGEND

- C1 — CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- R — REMOVING CURB & GUTTER
- ** — END SECTION REQUIRED (SEE SDD "CONCRETE CURB AND GUTTER)

NOTE

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

PAVEMENT GRADES ARE GENERALLY SHOWN AT THE END OF CURB & GUTTER AND MID-POINTS OF RADII UNLESS OTHERWISE NOTED

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

N

USH 53 SB

USH 53 NB

26TH AVE

12+00 13+00 14+00 15+00 16+00 17+00

5778+00 5777+00 5776+00 5775+00 2778+00 2777+00 2776+00 2775+00

6" HMA PAVEMENT * 3 1/2" HMA PAVEMENT

3 1/2" HMA PAVEMENT * 6" HMA PAVEMENT

PROPOSED CABLE BARRIER, SEE CONSTRUCTION DETAILS AND SECTION 5 PLAN SHEETS FOR ADDITIONAL INFORMATION

BEGIN CONSTRUCTION STA 13+17 MATCH EXISTING SAWCUT REQ'D

END CONSTRUCTION STA 15+90 MATCH EXISTING SAWCUT REQ'D

ASPHALTIC FLUME

R1=70' R2=80' R3=18' R5=35' R6=35' R7=29' R8=80' R10=70'

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	13+25.99	13.00, LT
B	13+93.29	63.73, LT
C	5777+07.33	26.00, LT
D	5777+37.50	26.00, RT
E	5776+90.11	60.02, RT
F	5776+99.96	86.98, RT
G	2776+65.81	15.09, LT
H	2776+75.96	15.02, LT
I	2777+73.49	20.02, RT
J	2777+33.63	20.00, RT
K	15+55.82	59.65, LT

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
L	15+90.00	15.00, LT
M	15+86.94	15.00, RT
N	15+19.69	65.59, RT
O	2775+22.50	26.00, LT
P	5776+14.36	66.17, RT
Q	5775+95.66	15.00, LT
R	5774+92.10	19.94, LT
S	5775+32.10	20.00, LT
T	13+58.81	56.64, RT
U	13+25.17	12.00, RT

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
V	13+50.80	17.29, LT
W	13+59.93	49.14, RT
X	15+31.20	42.83, RT
Y	15+55.61	22.41, RT

STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	13+25.99	83.00, LT
R2	5777+54.70	104.00, RT
R3	5777+05.27	69.76, RT
R5	15+89.46	50.00, LT
R6	13+25.17	47.00, RT
R7	5775+95.66	44.00, RT
R8	5775+62.78	5.02, RT
R9	15+86.94	85.00, RT

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	INTERSECTION DETAILS	SHEET 24	E

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
R	REMOVING CURB & GUTTER
**	END SECTION REQUIRED (SEE SDD "CONCRETE CURB AND GUTTER)

NOTE

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

PAVEMENT GRADES ARE GENERALLY SHOWN AT THE END OF CURB & GUTTER AND MID-POINTS OF RADII UNLESS OTHERWISE NOTED

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	2836+18.43	20.00, RT
B	2835+78.45	20.00, RT
C	20+24.53	55.38, LT
D	20+64.53	15.00, LT
E	20+74.53	15.00, LT
F	20+73.38	15.00, RT
G	20+23.38	64.52, RT
H	2832+96.81	26.00, RT

STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	20+64.53	55.00, LT
R2	20+73.38	65.00, RT

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
I	20+43.65	20.87, LT
J	20+27.09	46.09, RT
K	20+54.51	18.34, RT

N

PROPOSED CABLE BARRIER, SEE CONSTRUCTION DETAILS AND SECTION 5 PLAN SHEETS FOR ADDITIONAL INFORMATION

USH 53 SB

USH 53 NB

5836+00

5835+00

5834+00

5833+00

2836+00

2835+00

2834+00

2833+00

6" HMA PAVEMENT * 3 1/2 " HMA PAVEMENT

BP: 20+00.00

EP: 22+50.00

27TH AVE

21+00

22+00

A

B

C
1260.88

R1

R1=40'

ASPHALTIC FLUME

1260.04

C1

I
1259.77

D
1259.73

E

K
1259.41

F
1259.55

END CONSTRUCTION
STA 21+16
MATCH EXISTING

1259.38

J
1259.36

R2=50'

R2

G
1259.08

ASPHALTIC FLUME

H

DESIGN

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	INTERSECTION DETAILS	SHEET 25	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 02

PLOT DATE : 10/7/2022 9:20 AM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
R	REMOVING CURB & GUTTER
**	END SECTION REQUIRED (SEE SDD "CONCRETE CURB AND GUTTER)

NOTE

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

PAVEMENT GRADES ARE GENERALLY SHOWN AT THE END OF CURB & GUTTER AND MID-POINTS OF RADII UNLESS OTHERWISE NOTED

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	5987+18.13	26.00, RT
B	5986+40.35	26.00, RT
C	5986+15.08	36.57, RT
D	5986+15.52	53.69, RT
E	2986+47.96	15.00, LT
F	2986+53.23	15.00, LT
G	2987+31.28	20.00, RT
H	2986+81.28	20.00, RT
I	30+98.74	33.00, LT
J	31+18.74	13.00, LT

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
K	31+32.98	13.00, RT
L	31+00.74	36.27, RT
M	2985+79.87	15.00, LT
N	5985+58.05	15.00, RT

STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	5986+58.13	104.00, RT
R2	5986+20.46	45.00, RT
R3	31+18.74	33.00, LT
R4	31+32.98	48.00, RT
R5	5985+58.05	37.37, RT

WILD RIVERS STATE TRAIL

USH 53 SB

USH 53 NB

29 3/4 AVE

SIGN

BP: 30+00.00

EP: 34+00.00

5987+00

5986+00

5985+00

2988+00

2987+00

2986+00

2985+00

30+00

31+00

32+00

33+00

3 1/2" HMA PAVEMENT

6" HMA PAVEMENT

3 1/2" HMA PAVEMENT *

6" HMA PAVEMENT *

R1=80'

R2=10'

R3=20'

R4=35'

R5=22'

END CONSTRUCTION
STA 31+33
MATCH EXISTING
SAWCUT REQ'D

2

LEGEND

C1 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D

R REMOVING CURB & GUTTER

** END SECTION REQUIRED (SEE SDD "CONCRETE CURB AND GUTTER)

NOTE

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

PAVEMENT GRADES ARE GENERALLY SHOWN AT THE END OF CURB & GUTTER AND MID-POINTS OF RADII UNLESS OTHERWISE NOTED

COORDINATE SYSTEM NOTE

THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

N

WILD RIVERS STATE TRAIL

6002+00

6001+00

3002+00

3001+00

3000+00

2999+00

5999+00

3 1/2" HMA PAVEMENT

6" HMA PAVEMENT

ASPHALTIC FLUME

BASE AGG FE

BP: 40+00.00

EP: 45+00.00

30TH AVE

41+00

42+00

43+00

44+00

WASHBURN COUNTY

BARRON COUNTY

USH 53 SB

USH 53 NB

BEGIN CONSTRUCTION STA 41+08 MATCH EXISTING SAWCUT REQ'D

END CONSTRUCTION STA 43+75 MATCH EXISTING SAWCUT REQ'D

R1=45'

R2=12'

R3=60'

R4=45'

R5=16.5'

R6=60'

R7=16'

A 1286.47

B 1285.81

C

D

E

F

G

H

I 1285.94

J 1285.52

K 1285.45

L 1286.22

M

N

O

P

Q

R 1286.09

S 1286.45

T

U

V

W 1285.86

X 1285.61

Y 1285.78

1285.85

1286.00

1285.74

1285.84

STATION & OFFSET TABLE (LAYOUT POINTS)

POINT	STATION	OFFSET
A	41+10.53	15.00, LT
B	41+53.72	72.65, LT
C	6000+57.76	26.00, RT
D	6000+57.75	48.86, RT
E	3001+60.75	15.00, LT
F	3001+83.37	15.00, LT
G	3001+42.81	20.00, RT
H	3001+02.81	20.00, RT
I	42+85.74	58.13, LT
J	43+28.54	16.85, LT
K	43+67.24	15.00, RT
L	43+24.06	72.65, RT

STATION & OFFSET TABLE (LAYOUT POINTS)

POINT	STATION	OFFSET
M	2999+16.53	26.00, RT
N	2999+67.48	26.00, LT
O	5999+45.97	15.00, RT
P	5998+62.41	20.00, LT
Q	5999+02.41	20.00, LT
R	41+92.02	58.14, RT
S	41+34.44	15.00, RT
T	41+25.92	16.34, RT
U	41+17.62	21.03, RT
V	41+08.00	12.00, RT

STATION & OFFSET TABLE (LAYOUT POINTS)

POINT	STATION	OFFSET
W	41+37.17	23.70, LT
X	43+13.44	23.07, LT
Y	43+34.51	29.12, RT

STATION & OFFSET TABLE (RADII)

POINT	STATION	OFFSET
R1	41+10.53	60.00, LT
R2	6000+59.26	37.46, RT
R3	43+43.32	75.00, LT
R4	43+67.24	60.00, RT
R5	5999+45.97	31.50, RT
R6	41+34.44	75.00, RT
R7	41+29.29	31.98, RT

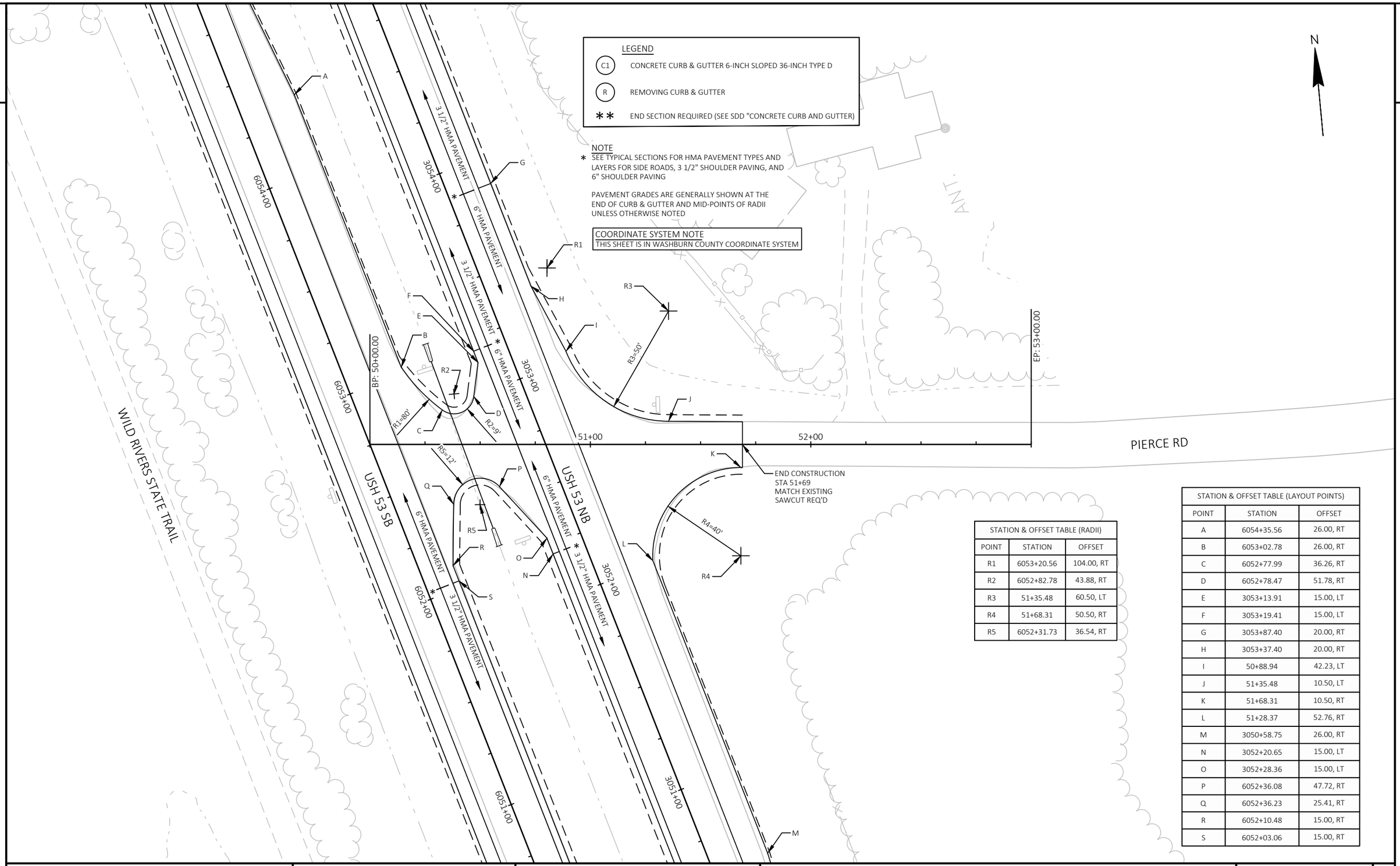
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	INTERSECTION DETAILS	SHEET 27	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 04

PLOT DATE : 10/7/2022 9:21 AM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	6053+20.56	104.00, RT
R2	6052+82.78	43.88, RT
R3	51+35.48	60.50, LT
R4	51+68.31	50.50, RT
R5	6052+31.73	36.54, RT

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	6054+35.56	26.00, RT
B	6053+02.78	26.00, RT
C	6052+77.99	36.26, RT
D	6052+78.47	51.78, RT
E	3053+13.91	15.00, LT
F	3053+19.41	15.00, LT
G	3053+87.40	20.00, RT
H	3053+37.40	20.00, RT
I	50+88.94	42.23, LT
J	51+35.48	10.50, LT
K	51+68.31	10.50, RT
L	51+28.37	52.76, RT
M	3050+58.75	26.00, RT
N	3052+20.65	15.00, LT
O	3052+28.36	15.00, LT
P	6052+36.08	47.72, RT
Q	6052+36.23	25.41, RT
R	6052+10.48	15.00, RT
S	6052+03.06	15.00, RT

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	INTERSECTION DETAILS	SHEET 28	E

2

N

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
R	REMOVING CURB & GUTTER
**	END SECTION REQUIRED (SEE SDD "CONCRETE CURB AND GUTTER)

NOTE

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

PAVEMENT GRADES ARE GENERALLY SHOWN AT THE END OF CURB & GUTTER AND MID-POINTS OF RADII UNLESS OTHERWISE NOTED

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

6084+00
6083+00
6082+00
6081+00
3084+00
3083+00
3082+00
3081+00
3 1/2" HMA PAVEMENT *
6" HMA PAVEMENT
USH 53 SB
USH 53 NB
WILD RIVERS STATE TRAIL
A&J RD
BP: 60+00.00
EP: 64+00.00
61+00
62+00
63+00
R1=80'
R2=14'
R3=60'
R4=45'
R5=14'
END CONSTRUCTION
STA 61+68
MATCH EXISTING
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R1
R2
R3
R4
R5

STATION & OFFSET TABLE (LAYOUT POINTS)

POINT	STATION	OFFSET
A	6083+71.74	26.00, RT
B	6082+48.97	26.00, RT
C	6082+30.89	32.48, RT
D	3082+58.99	15.00, LT
E	3083+44.63	20.00, RT
F	3082+94.63	20.00, RT
G	60+86.18	52.19, LT
H	61+43.32	10.50, LT
I	61+68.00	10.50, RT
J	61+22.94	55.99, RT
K	3080+23.79	26.00, RT
L	3081+65.41	15.00, LT
M	3081+74.63	15.00, LT
N	6081+74.27	52.02, RT
O	6081+74.40	26.39, RT
P	6081+40.59	15.01, RT
Q	6081+31.67	15.00, RT

STATION & OFFSET TABLE (RADII)

POINT	STATION	OFFSET
R1	6082+66.75	104.00, RT
R2	6082+37.16	45.00, RT
R3	61+43.32	70.50, LT
R4	61+67.94	55.50, RT
R5	6081+70.09	39.18, RT

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	INTERSECTION DETAILS	SHEET 29	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 06
PLOT DATE : 10/7/2022 9:22 AM
PLOT BY : LINDSEY CHANNEL
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

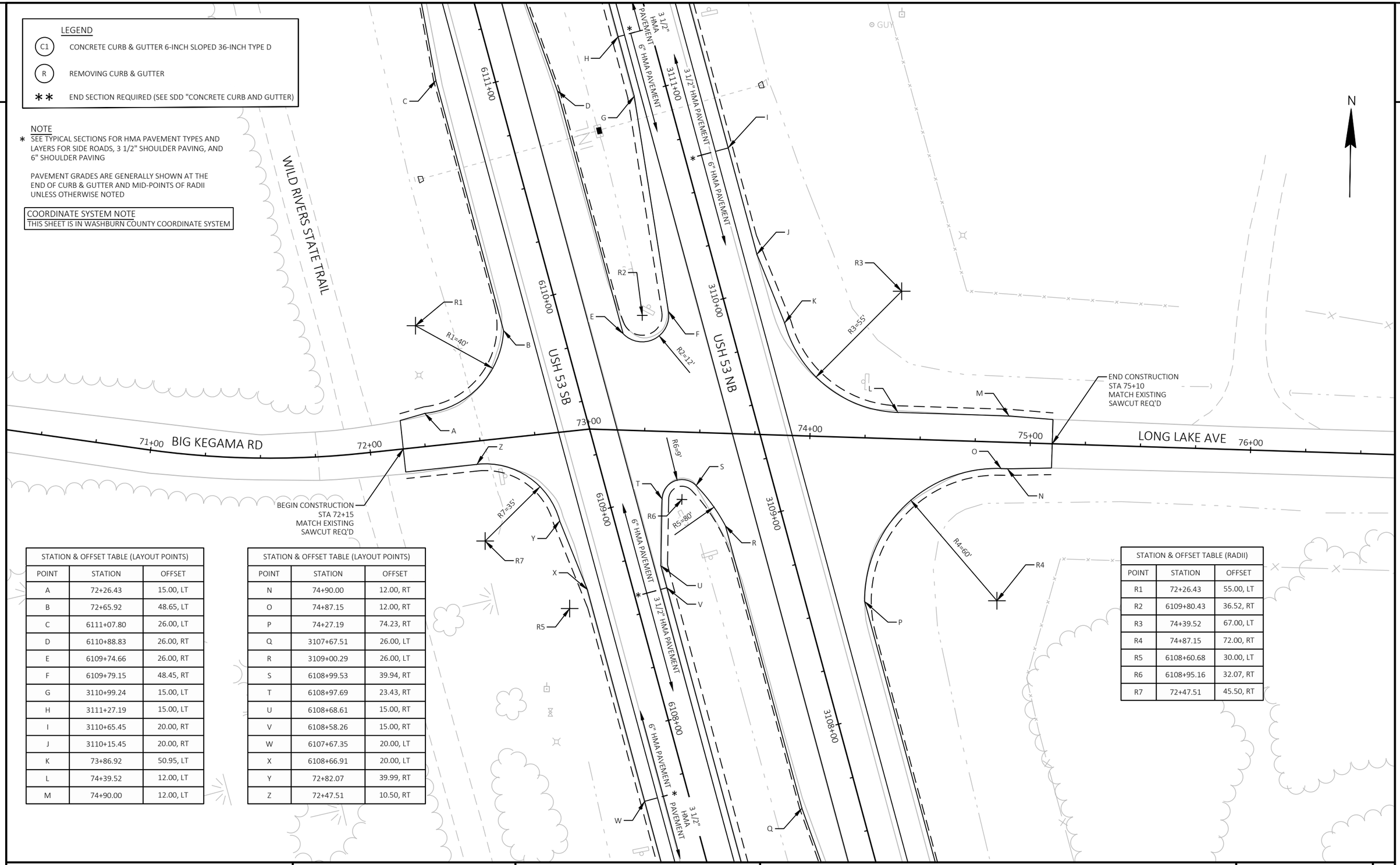
C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
R	REMOVING CURB & GUTTER
**	END SECTION REQUIRED (SEE SDD "CONCRETE CURB AND GUTTER)

NOTE

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

PAVEMENT GRADES ARE GENERALLY SHOWN AT THE END OF CURB & GUTTER AND MID-POINTS OF RADII UNLESS OTHERWISE NOTED

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM



STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	72+26.43	15.00, LT
B	72+65.92	48.65, LT
C	6111+07.80	26.00, LT
D	6110+88.83	26.00, RT
E	6109+74.66	26.00, RT
F	6109+79.15	48.45, RT
G	3110+99.24	15.00, LT
H	3111+27.19	15.00, LT
I	3110+65.45	20.00, RT
J	3110+15.45	20.00, RT
K	73+86.92	50.95, LT
L	74+39.52	12.00, LT
M	74+90.00	12.00, LT

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
N	74+90.00	12.00, RT
O	74+87.15	12.00, RT
P	74+27.19	74.23, RT
Q	3107+67.51	26.00, LT
R	3109+00.29	26.00, LT
S	6108+99.53	39.94, RT
T	6108+97.69	23.43, RT
U	6108+68.61	15.00, RT
V	6108+58.26	15.00, RT
W	6107+67.35	20.00, LT
X	6108+66.91	20.00, LT
Y	72+82.07	39.99, RT
Z	72+47.51	10.50, RT

STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	72+26.43	55.00, LT
R2	6109+80.43	36.52, RT
R3	74+39.52	67.00, LT
R4	74+87.15	72.00, RT
R5	6108+60.68	30.00, LT
R6	6108+95.16	32.07, RT
R7	72+47.51	45.50, RT

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	INTERSECTION DETAILS	SHEET 30	E

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
R	REMOVING CURB & GUTTER
**	END SECTION REQUIRED (SEE SDD "CONCRETE CURB AND GUTTER)

NOTE

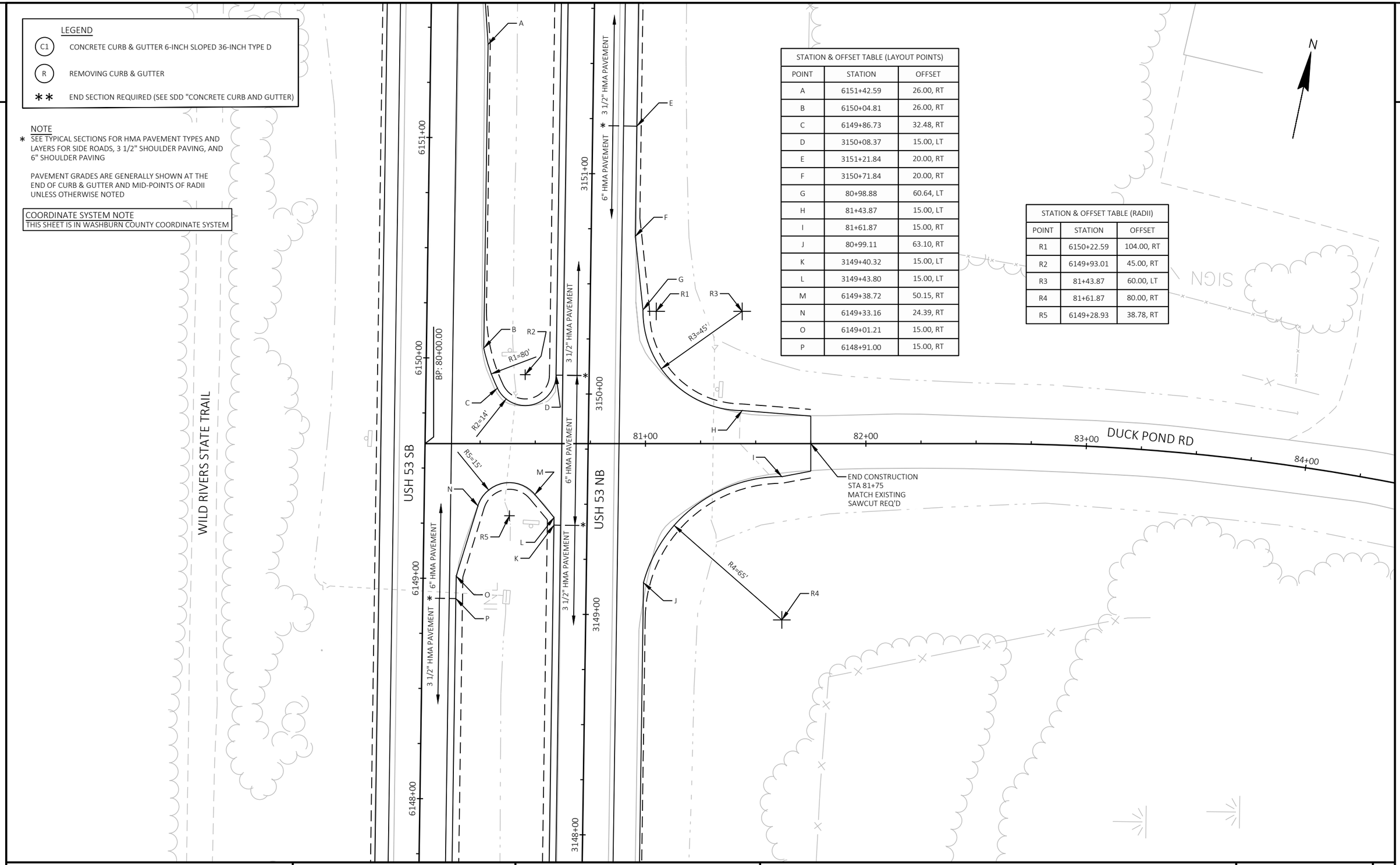
* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

PAVEMENT GRADES ARE GENERALLY SHOWN AT THE END OF CURB & GUTTER AND MID-POINTS OF RADII UNLESS OTHERWISE NOTED

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	6151+42.59	26.00, RT
B	6150+04.81	26.00, RT
C	6149+86.73	32.48, RT
D	3150+08.37	15.00, LT
E	3151+21.84	20.00, RT
F	3150+71.84	20.00, RT
G	80+98.88	60.64, LT
H	81+43.87	15.00, LT
I	81+61.87	15.00, RT
J	80+99.11	63.10, RT
K	3149+40.32	15.00, LT
L	3149+43.80	15.00, LT
M	6149+38.72	50.15, RT
N	6149+33.16	24.39, RT
O	6149+01.21	15.00, RT
P	6148+91.00	15.00, RT

STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	6150+22.59	104.00, RT
R2	6149+93.01	45.00, RT
R3	81+43.87	60.00, LT
R4	81+61.87	80.00, RT
R5	6149+28.93	38.78, RT



LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
R	REMOVING CURB & GUTTER
**	END SECTION REQUIRED (SEE SDD "CONCRETE CURB AND GUTTER)

NOTE

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

PAVEMENT GRADES ARE GENERALLY SHOWN AT THE END OF CURB & GUTTER AND MID-POINTS OF RADII UNLESS OTHERWISE NOTED

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM



STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	95+95.11	34.08, LT
B	96+02.81	48.45, LT
C	6190+41.01	26.00, LT
D	6189+50.28	15.00, RT
E	6189+33.62	15.00, RT
F	6188+99.40	21.16, RT
G	6188+96.83	47.00, RT
H	3189+41.63	15.00, LT
I	3189+48.99	15.00, LT
J	3188+25.78	26.00, LT
K	6188+38.84	35.31, RT
L	6188+36.95	23.78, RT
M	6188+07.52	15.00, RT
N	6187+97.46	15.00, RT
O	6187+40.58	20.00, LT
P	6187+90.58	20.00, LT
Q	95+98.77	49.16, RT
R	95+91.42	25.46, RT

STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	95+52.80	66.00, LT
R2	6189+01.80	34.45, RT
R3	6187+92.65	30.00, LT
R4	6188+35.09	30.01, RT
R5	95+63.83	47.00, RT

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	INTERSECTION DETAILS	SHEET 32	E

2

LEGEND

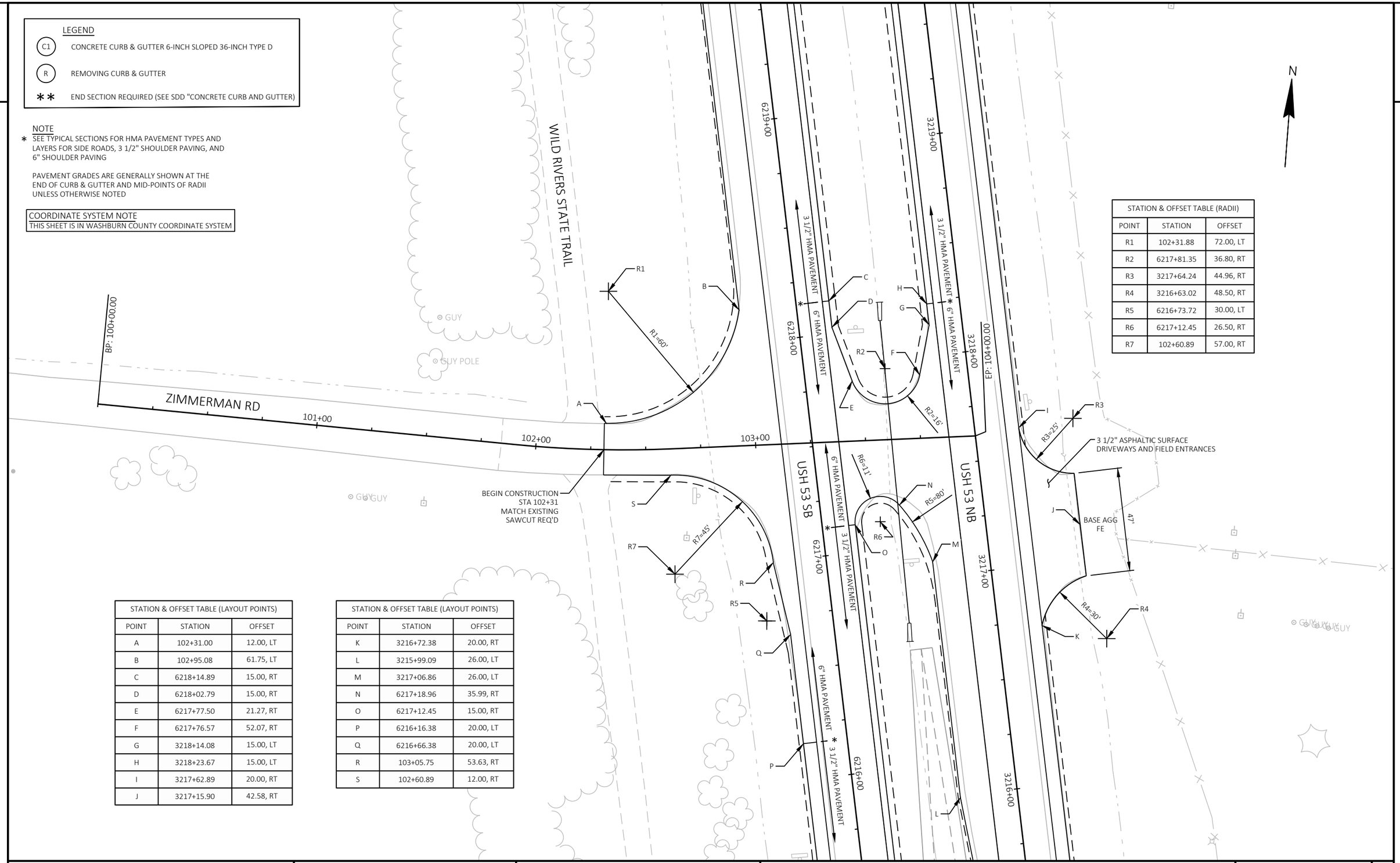
C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
R	REMOVING CURB & GUTTER
**	END SECTION REQUIRED (SEE SDD "CONCRETE CURB AND GUTTER)

NOTE

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

PAVEMENT GRADES ARE GENERALLY SHOWN AT THE END OF CURB & GUTTER AND MID-POINTS OF RADII UNLESS OTHERWISE NOTED

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM



STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	102+31.88	72.00, LT
R2	6217+81.35	36.80, RT
R3	3217+64.24	44.96, RT
R4	3216+63.02	48.50, RT
R5	6216+73.72	30.00, LT
R6	6217+12.45	26.50, RT
R7	102+60.89	57.00, RT

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	102+31.00	12.00, LT
B	102+95.08	61.75, LT
C	6218+14.89	15.00, RT
D	6218+02.79	15.00, RT
E	6217+77.50	21.27, RT
F	6217+76.57	52.07, RT
G	3218+14.08	15.00, LT
H	3218+23.67	15.00, LT
I	3217+62.89	20.00, RT
J	3217+15.90	42.58, RT

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
K	3216+72.38	20.00, RT
L	3215+99.09	26.00, LT
M	3217+06.86	26.00, LT
N	6217+18.96	35.99, RT
O	6217+12.45	15.00, RT
P	6216+16.38	20.00, LT
Q	6216+66.38	20.00, LT
R	103+05.75	53.63, RT
S	102+60.89	12.00, RT

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	INTERSECTION DETAILS	SHEET 33	E

2

EX R/W

EX R/W

N

TYPE A & D

5754 5756 5758 5760 USH 53 SB 5762 5764 5766 5768

2754 2756 2758 2760 2762 2764 2766

USH 53 NB

SOUTH PROJECT LIMIT
TEMPORARY CROSSOVER

EX R/W

EX R/W

LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED, TOPSOILED AND COVERED WITH EROSION MAT OR MULCH. AGGREGATE SLOPES SHALL BE FERTILIZED AND SEEDED.

EX R/W

26TH AVE

EX R/W

EX R/W

N

TYPE A & D

5768 5770 5772 5774 USH 53 SB 5776 5778 5780 5782

2768 2770 2772 2774 USH 53 NB 2776 2778 2780 2782

POST

EX R/W

SIGN

SIGN

EX R/W

26TH AVE

EX R/W

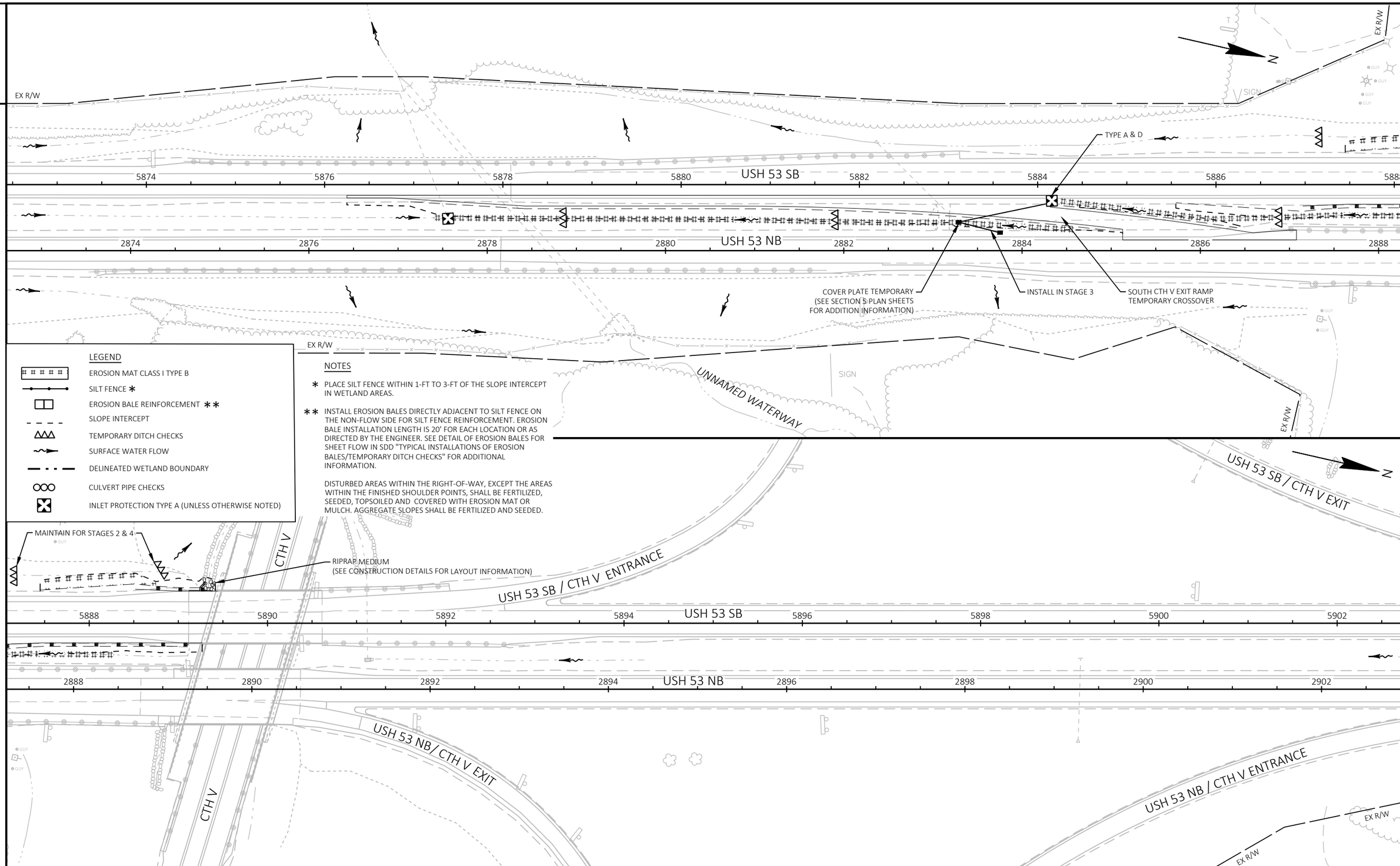
EX R/W

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	EROSION CONTROL - STAGE 1	SHEET 34	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 01

PLOT DATE : 10/10/2022 12:04 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED, TOPSOILED AND COVERED WITH EROSION MAT OR MULCH. AGGREGATE SLOPES SHALL BE FERTILIZED AND SEEDED.

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	EROSION CONTROL - STAGE 1	SHEET 35	E

2

EX R/W

USH 53 SB / CTH V EXIT

SIGN

EX R/W

NORTH CTH V ENTRANCE RAMP
TEMPORARY CROSSOVER

5902 5904 5906 5908 USH 53 SB 5910 5912 5914 5916

2902 2904 2906 2908 USH 53 NB 2910 2912 2914 2916

USH 53 NB / CTH V ENTRANCE

EX R/W

SIGN

EX R/W

LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED, TOPSOILED AND COVERED WITH EROSION MAT OR MULCH. AGGREGATE SLOPES SHALL BE FERTILIZED AND SEEDED.

EX R/W

EX R/W

5916 5918 5920 5922 USH 53 SB 5924 5926 5928 5930

2916 2918 2920 2922 USH 53 NB 2924 2926 2928 2930

EX R/W

EX R/W

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	EROSION CONTROL - STAGE 1	SHEET 36	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 03

PLOT DATE : 10/10/2022 12:05 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

WILD RIVERS STATE TRAIL

EX R/W

EX R/W

POST

5980 5982 5984 5986 USH 53 SB 5988 5990 5992 5994

2980 2982 2984 2986 USH 53 NB 2988 2990 2992 2994

EX R/W

EX R/W

SIGN

29 3/4 AVE

LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED, TOPSOILED AND COVERED WITH EROSION MAT OR MULCH. AGGREGATE SLOPES SHALL BE FERTILIZED AND SEEDED.

EX R/W

WILD RIVERS STATE TRAIL

WDNR LAND USE AGREEMENT

EX R/W

30TH AVE

WDNR LAND USE AGREEMENT

WILD RIVERS STATE TRAIL

EX R/W

EX R/W

5996 5998 6000 6002 USH 53 SB 6004 6006 6008 6010

2996 2998 3000 3002 USH 53 NB 3004 3006 3008 3010

EX R/W

EX R/W

SIGN

SIGN

BARRON COUNTY

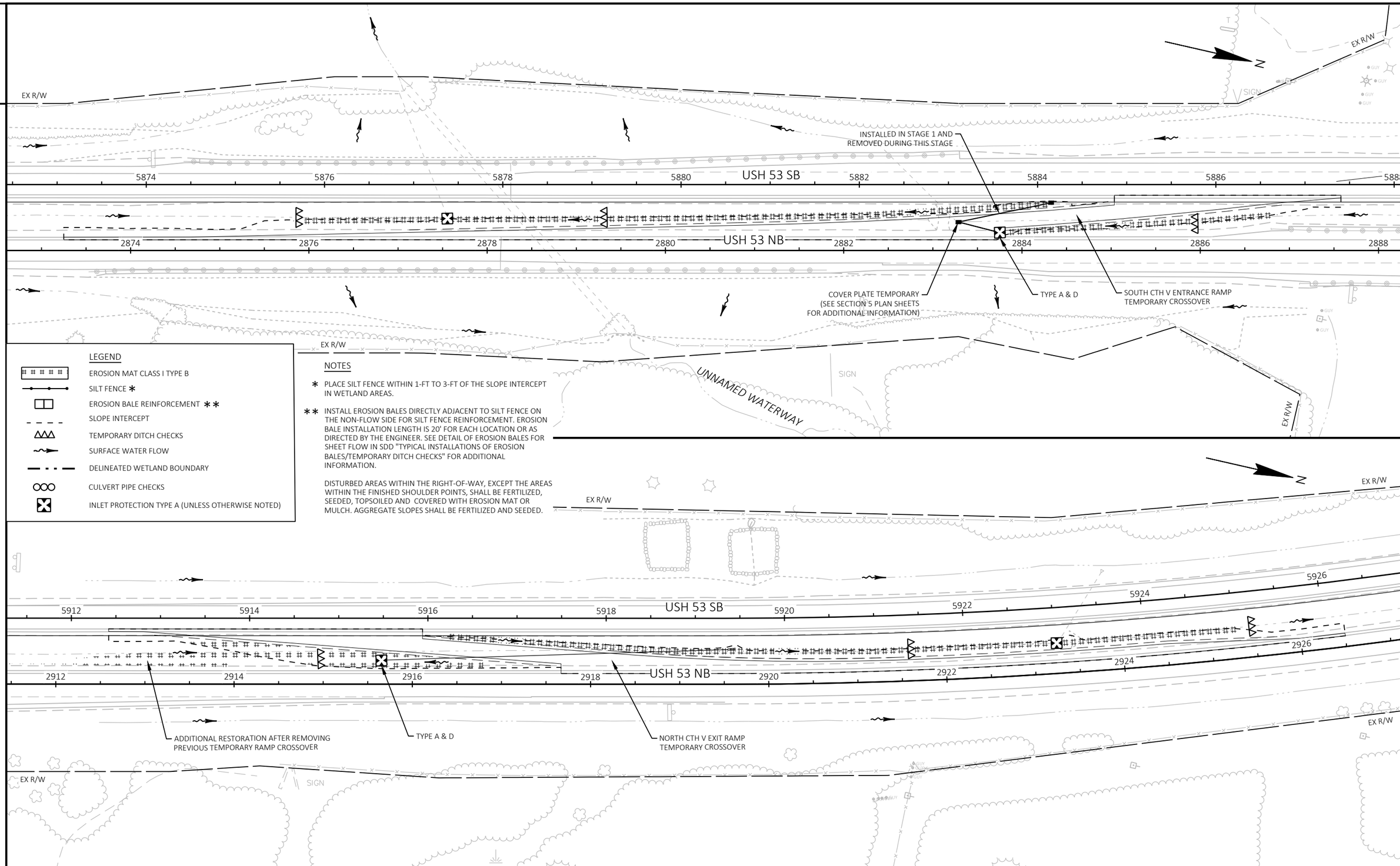
WASHBURN COUNTY

30TH AVE

EX R/W

EX R/W

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	EROSION CONTROL - STAGE 1	SHEET 37	E



LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED, TOPSOILED AND COVERED WITH EROSION MAT OR MULCH. AGGREGATE SLOPES SHALL BE FERTILIZED AND SEEDED.

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	EROSION CONTROL - STAGE 3	SHEET 38	E

2

2

EX R/W

EX R/W

N

5754 5756 5758 5760 USH 53 SB 5762 5764 5766 5768

2754 2756 2758 2760 USH 53 NB 2762 2764 2766 2768

RESTORATION AFTER REMOVAL OF TEMPORARY SOUTH CROSSOVER SHOWN

EX R/W

EX R/W

EX R/W

26TH AVE

EX R/W

N

SOD EROSION CONTROL
5' X 10'
(SEE CONSTRUCTION DETAILS)

5770 5772 5774 USH 53 SB 5776 5778 5780 5782 5784

2768 2770 2772 2774 USH 53 NB 2776 2778 2780 2782

RESTORATION AFTER REMOVAL OF TEMPORARY SOUTH CROSSOVER SHOWN

EX R/W

SIGN

SIGN

EX R/W

26TH AVE

EX R/W

EX R/W

LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

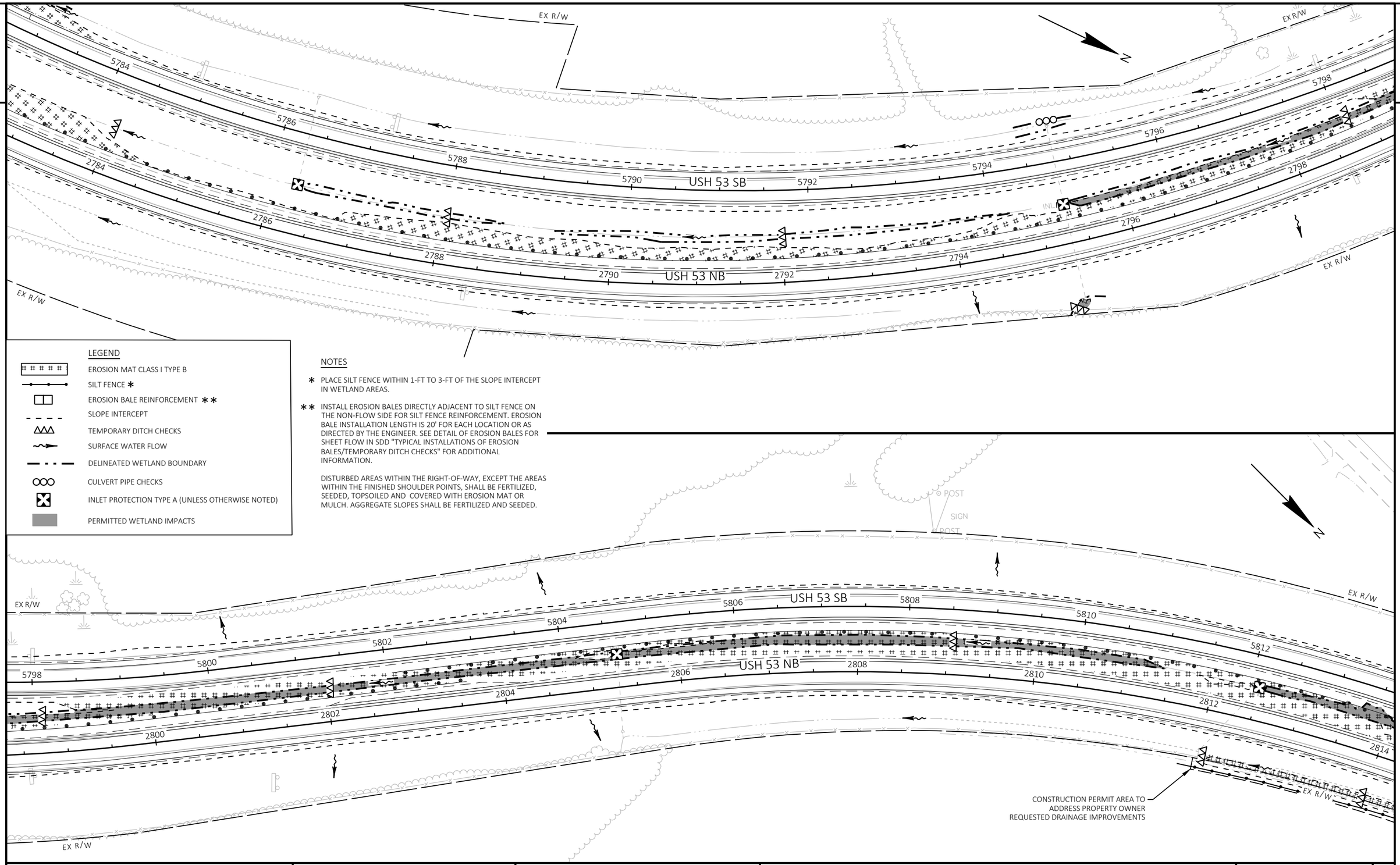
** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED, TOPSOILED AND COVERED WITH EROSION MAT OR MULCH. AGGREGATE SLOPES SHALL BE FERTILIZED AND SEEDED.

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 39	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\022004-EC.DWG
LAYOUT NAME - 01

PLOT DATE : 10/7/2022 10:59 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:100 FT



LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

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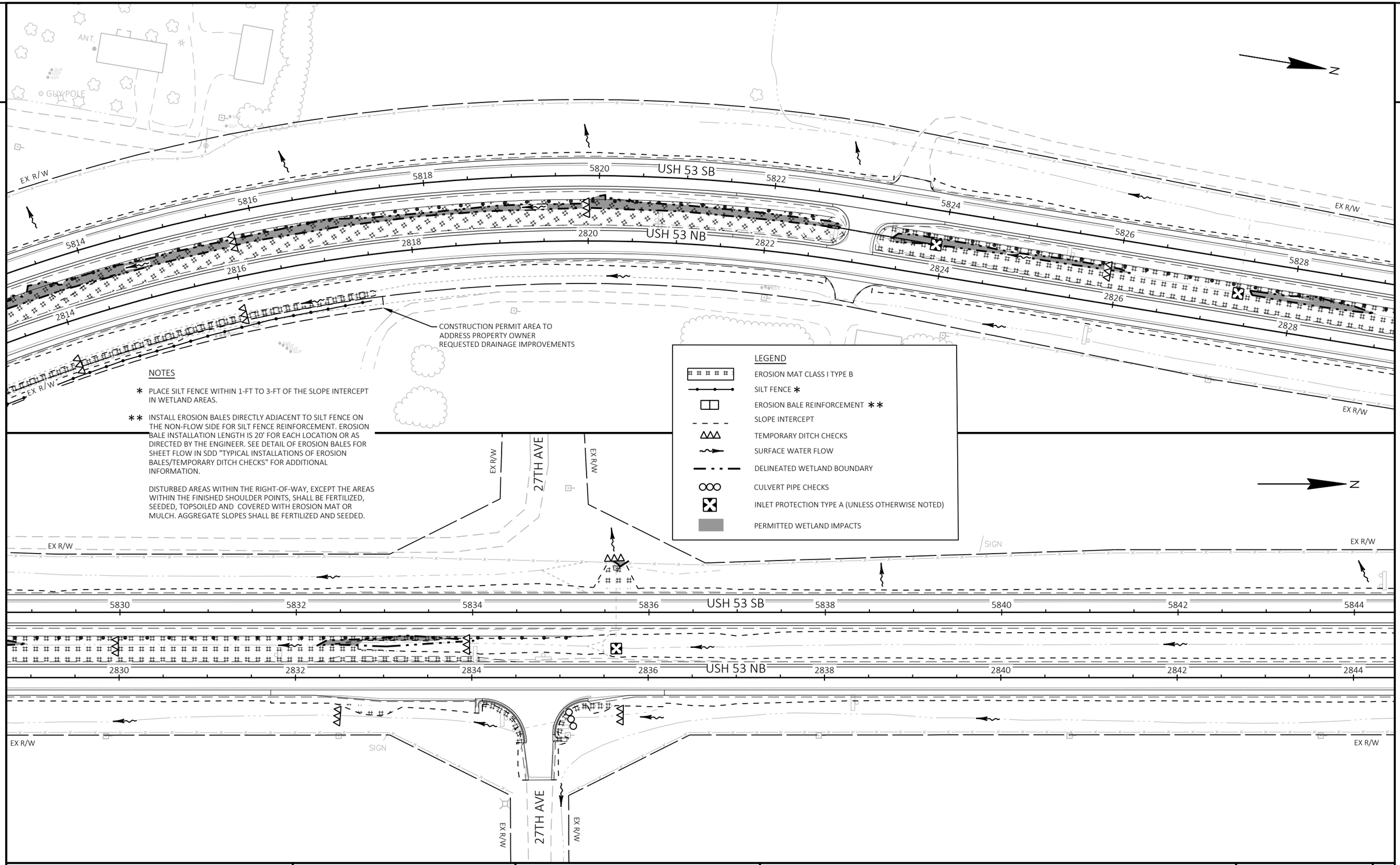
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 40	E

2



NOTES

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LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 41	E

2

2

EX R/W

5844 5846 5848 5850 USH 53 SB 5852 5854 5856 5858

2844 2846 2848 2850 USH 53 NB 2852 2854 2856 2858

SIGN

LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

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N

EX R/W

5860 5862 5864 5866 USH 53 SB 5868 5870 5872 5874

2860 2862 2864 2866 USH 53 NB 2868 2870 2872 2874

SIGN

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 42	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\022004-EC.DWG
LAYOUT NAME - 04

PLOT DATE : 10/7/2022 11:02 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

EX R/W

EX R/W

N

RIPRAP MEDIUM
(SEE CONSTRUCTION DETAILS)

INSTALLED DURING STAGE 1

5876 5878 5880 5882 USH 53 SB 5884 5886 5888 5890

2876 2878 2880 2882 USH 53 NB 2884 2886 2888 2890

RESTORATION AFTER REMOVAL OF
TEMPORARY CTH V RAMP CROSSOVER SHOWN

EX R/W

UNNAMED WATERWAY

EX R/W

CTH V

EX R/W

USH 53 SB / CTH V EXIT

EX R/W

N

CTH V

USH 53 SB / CTH V ENTRANCE

5890 5892 5894 5896 USH 53 SB 5898 5900 5902 5904

2890 2892 2894 2896 USH 53 NB 2898 2900 2902 2904

USH 53 NB / CTH V EXIT

USH 53 NB / CTH V ENTRANCE

EX R/W

EX R/W

LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 43	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\022004-EC.DWG
LAYOUT NAME - 05

PLOT DATE : 10/7/2022 11:03 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

EX R/W

SIGN

RIPRAP REPAIR
(SEE CONSTRUCTION DETAILS)

N

EX R/W

USH 53 SB / CTH V EXIT

5906 5908 5910 5912 USH 53 SB 5914 5916 5918 5920

2906 2908 2910 2912 USH 53 NB 2914 2916 2918 2920

USH 53 NB / CTH V ENTRANCE

RESTORATION AFTER REMOVAL OF TEMPORARY
CTH V RAMP CROSSOVER SHOWN

EX R/W

SIGN

EX R/W

LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

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EX R/W

N

EX R/W

5920 5922 5924 5926 USH 53 SB 5928 5930 5932 5934

2920 2922 2924 2926 USH 53 NB 2928 2930 2932 2934

RESTORATION AFTER REMOVAL OF
TEMPORARY CTH V RAMP CROSSOVER SHOWN

EX R/W

EX R/W

2

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 44	E

2

2

SOD EROSION CONTROL
4' X 10'
(SEE CONSTRUCTION DETAILS)

SIGN

EX R/W

USH 53 SB

USH 53 NB

5936 5938 5940 5942 5944 5946 5948 5950

2936 2938 2940 2942 2944 2946 2948 2950

5952 5954 5956 5958 5960 5962 5964 5966

2952 2954 2956 2958 2960 2962 2964 2966

UNNAMED OPEN WATER

LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

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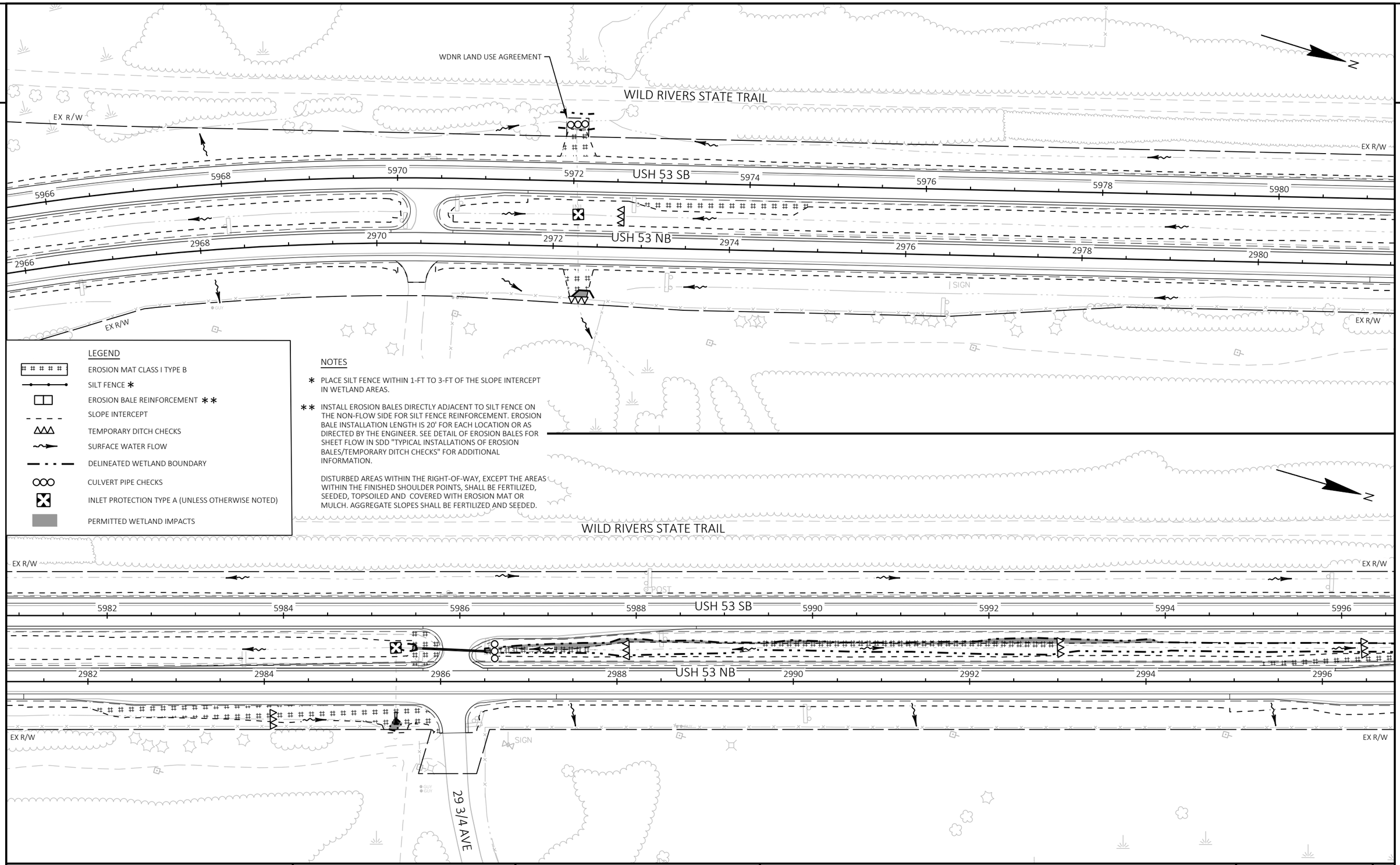
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 45	E



LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 46	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\022004-EC.DWG
LAYOUT NAME - 08
PLOT DATE : 10/7/2022 11:06 AM
PLOT BY : AUSTIN STRAHL
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

2

LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

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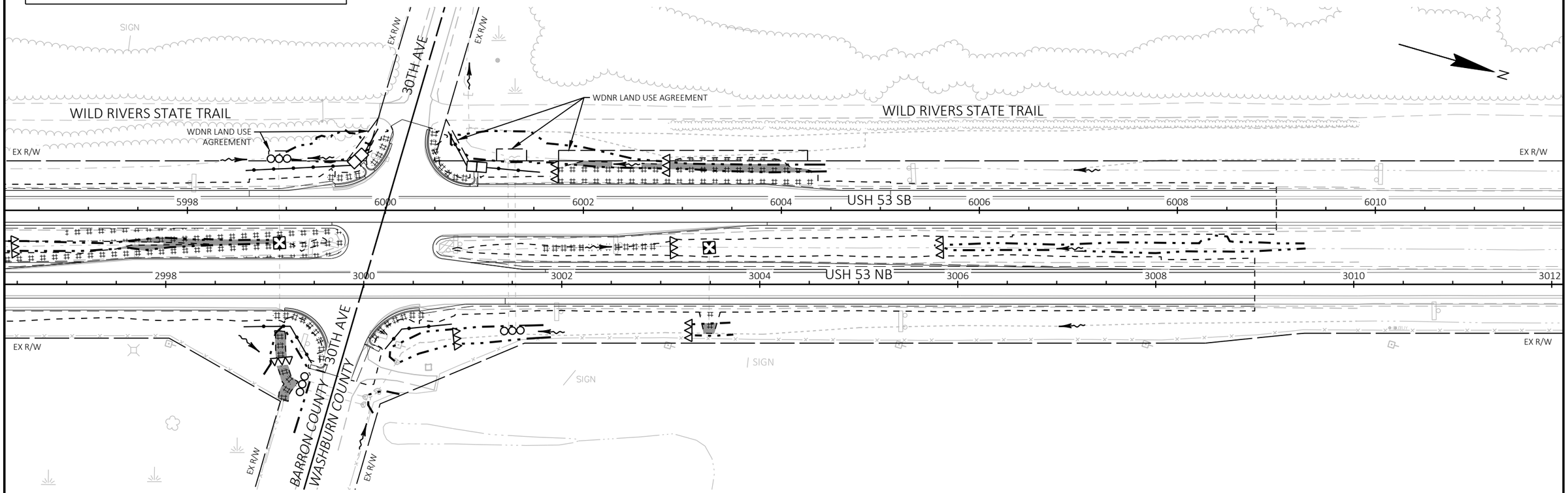
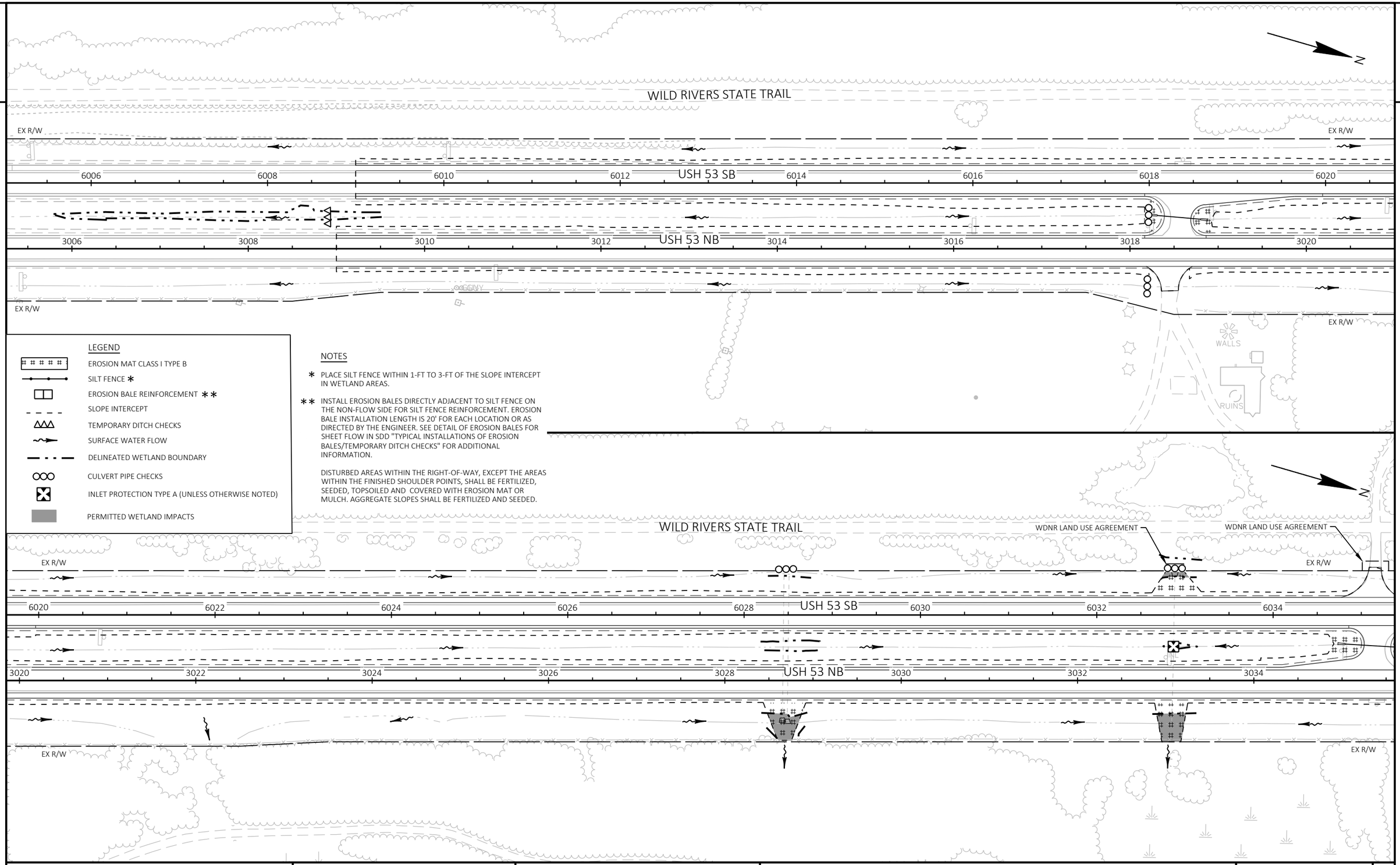


PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 47	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\022004-EC.DWG
LAYOUT NAME - 09

PLOT DATE : 10/7/2022 11:06 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:100 FT



LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 48	E

2

2

WDNR LAND USE AGREEMENT

WDNR LAND USE AGREEMENT

WILD RIVERS STATE TRAIL

EX R/W

EX R/W

6036 6038 6040 6042 USH 53 SB 6044 6046 6048 6050

3036 3038 3040 3042 USH 53 NB 3044 3046 3048 3050

EX R/W

EX R/W

SIGN

LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
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SIGN

SIGN

WILD RIVERS STATE TRAIL

WDNR LAND USE AGREEMENT

SIGN

EX R/W

EX R/W

6050 6052 6054 6056 USH 53 SB 6058 6060 6062 6064

3050 3052 3054 3056 USH 53 NB 3058 3060 3062 3064

EX R/W

SIGN

EX R/W

PIERCE RD

EX R/W

EX R/W

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 49	E

2

2

WDNR LAND USE AGREEMENT

WILD RIVERS STATE TRAIL

EX R/W

EX R/W

6066 6068 6070 6072 USH 53 SB 6074 6076 6078 6080

3066 3068 3070 3072 USH 53 NB 3074 3076 3078 3080

EX R/W

EX R/W

LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

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WDNR LAND USE AGREEMENT

WILD RIVERS STATE TRAIL

EX R/W

EX R/W

6080 6082 6084 6086 USH 53 SB 6088 6090 6092 6094

3080 3082 3084 3086 USH 53 NB 3088 3090 3092 3094

EX R/W

A&J RD

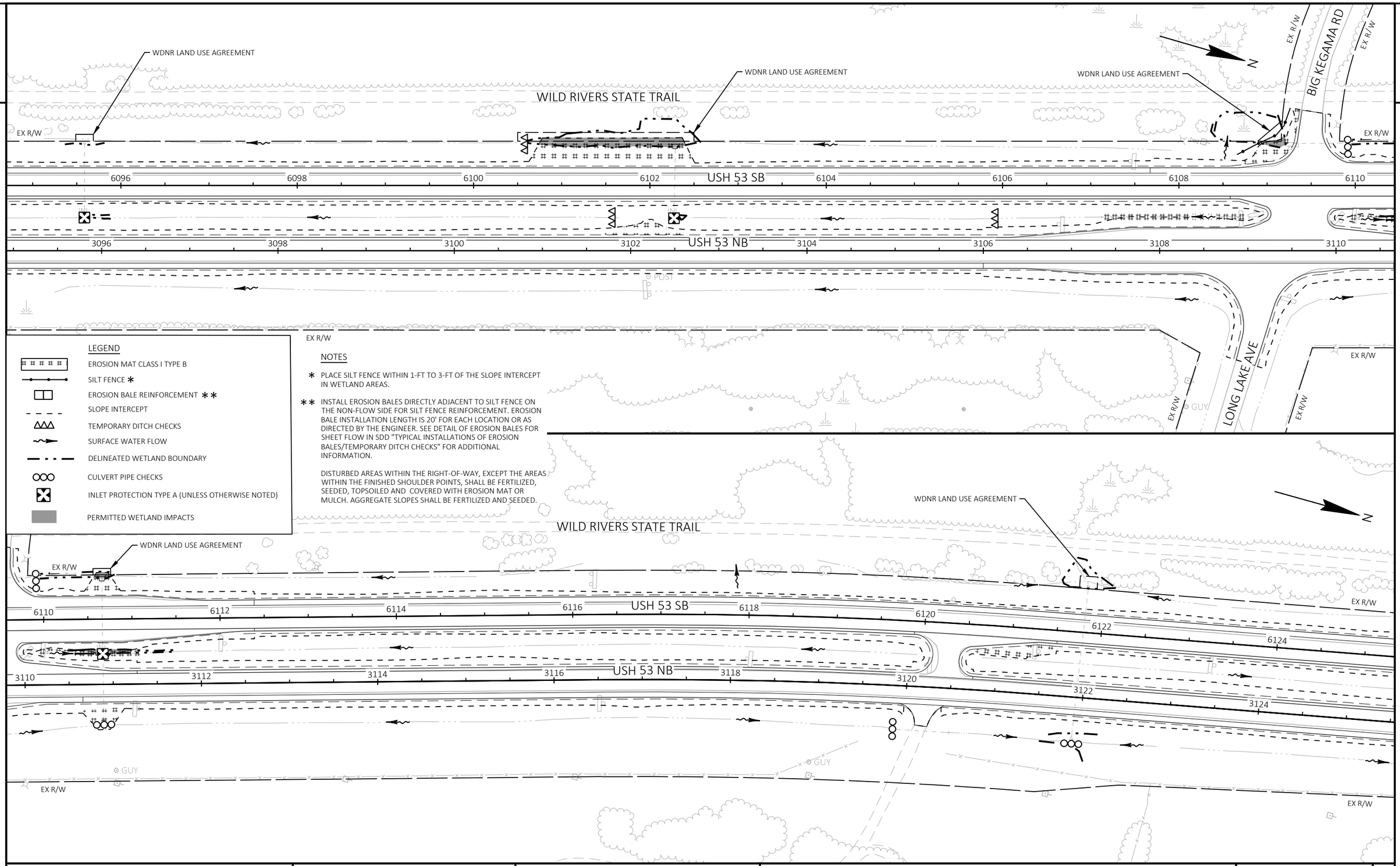
EX R/W

EX R/W

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 50	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\022005-EC.DWG
LAYOUT NAME - 03

PLOT DATE : 1/31/2022 4:18 PM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:100 FT



LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
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- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
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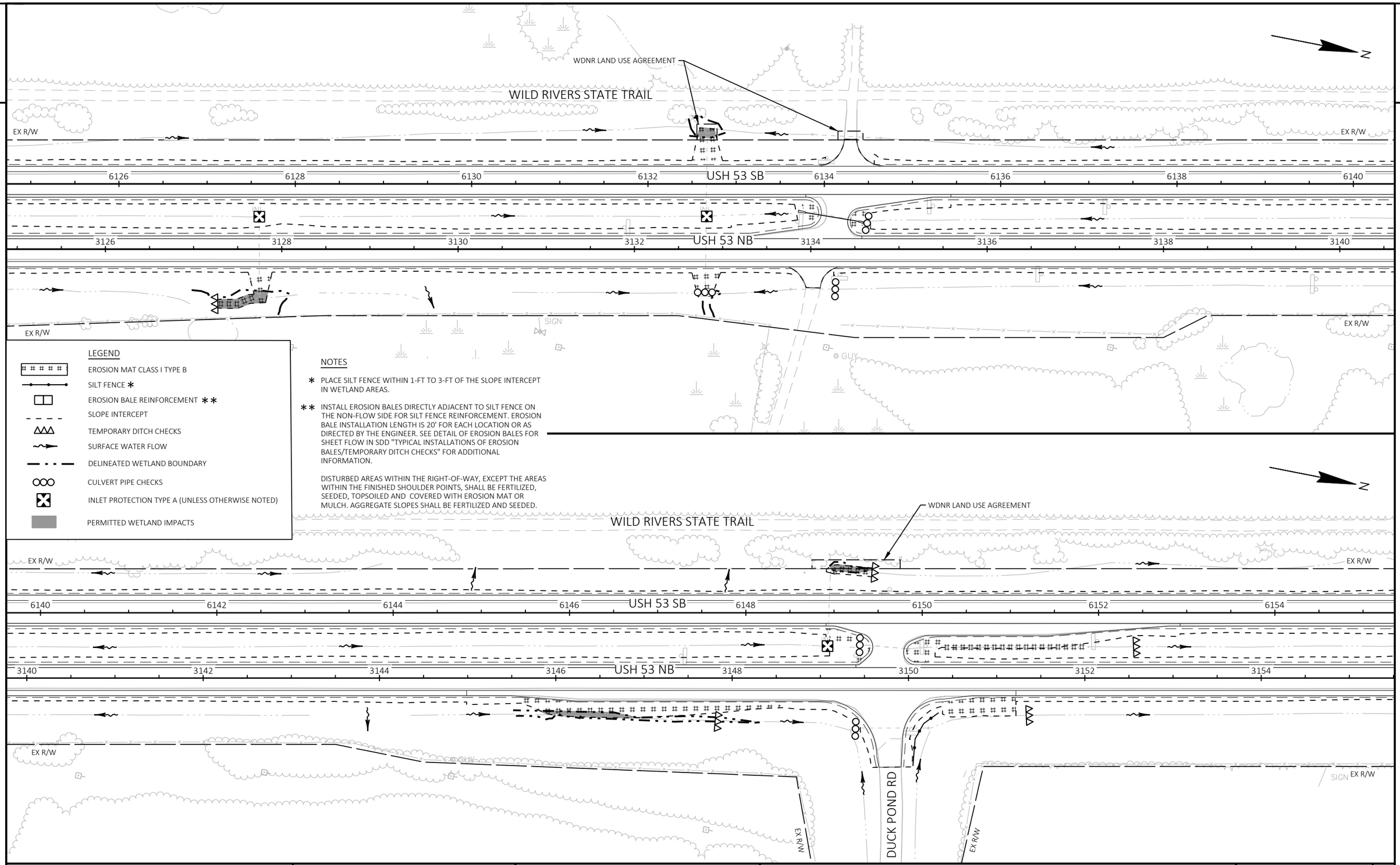
NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED, TOPSOILED AND COVERED WITH EROSION MAT OR MULCH. AGGREGATE SLOPES SHALL BE FERTILIZED AND SEEDED.

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 51	E



LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

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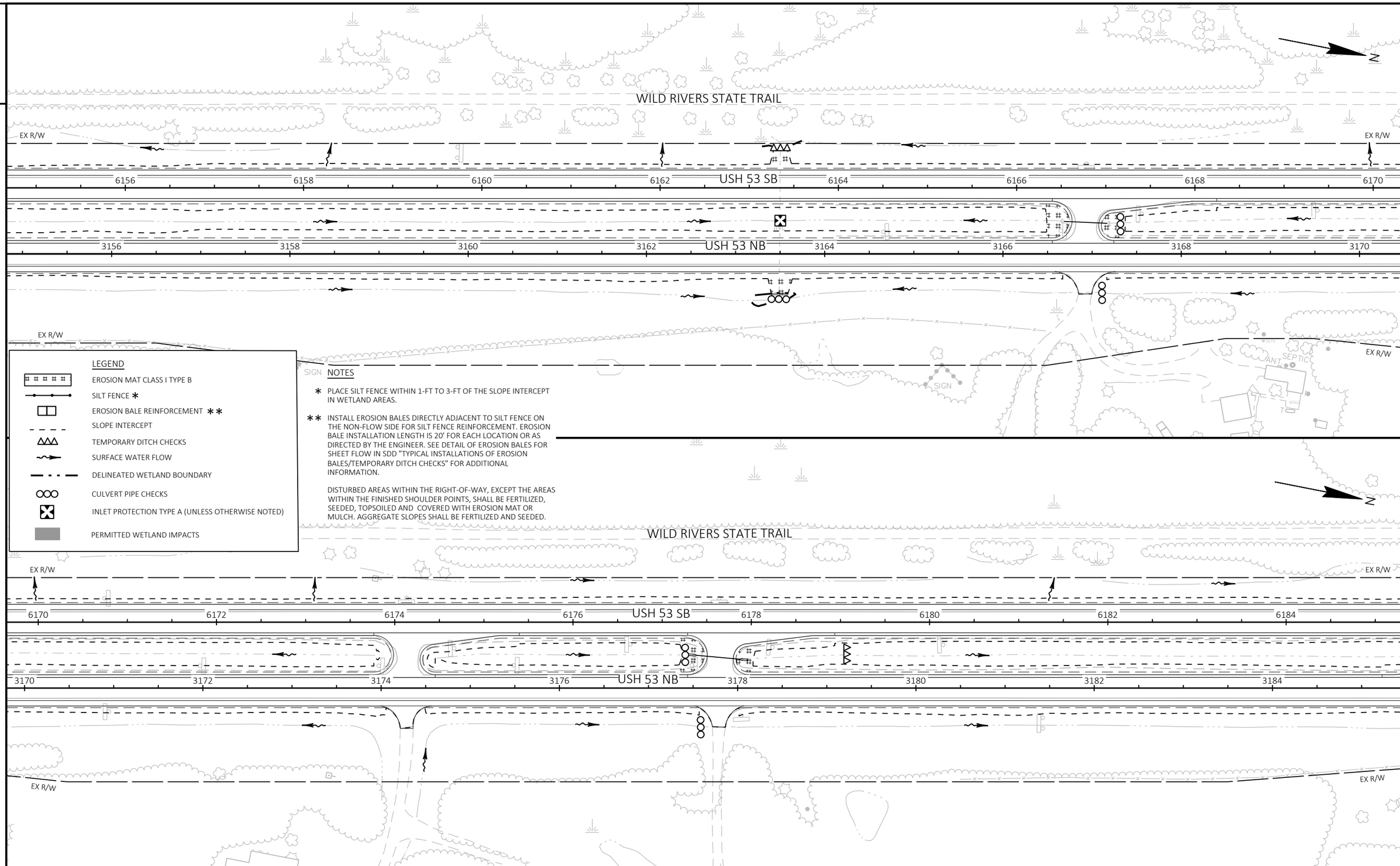
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 52	E



LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

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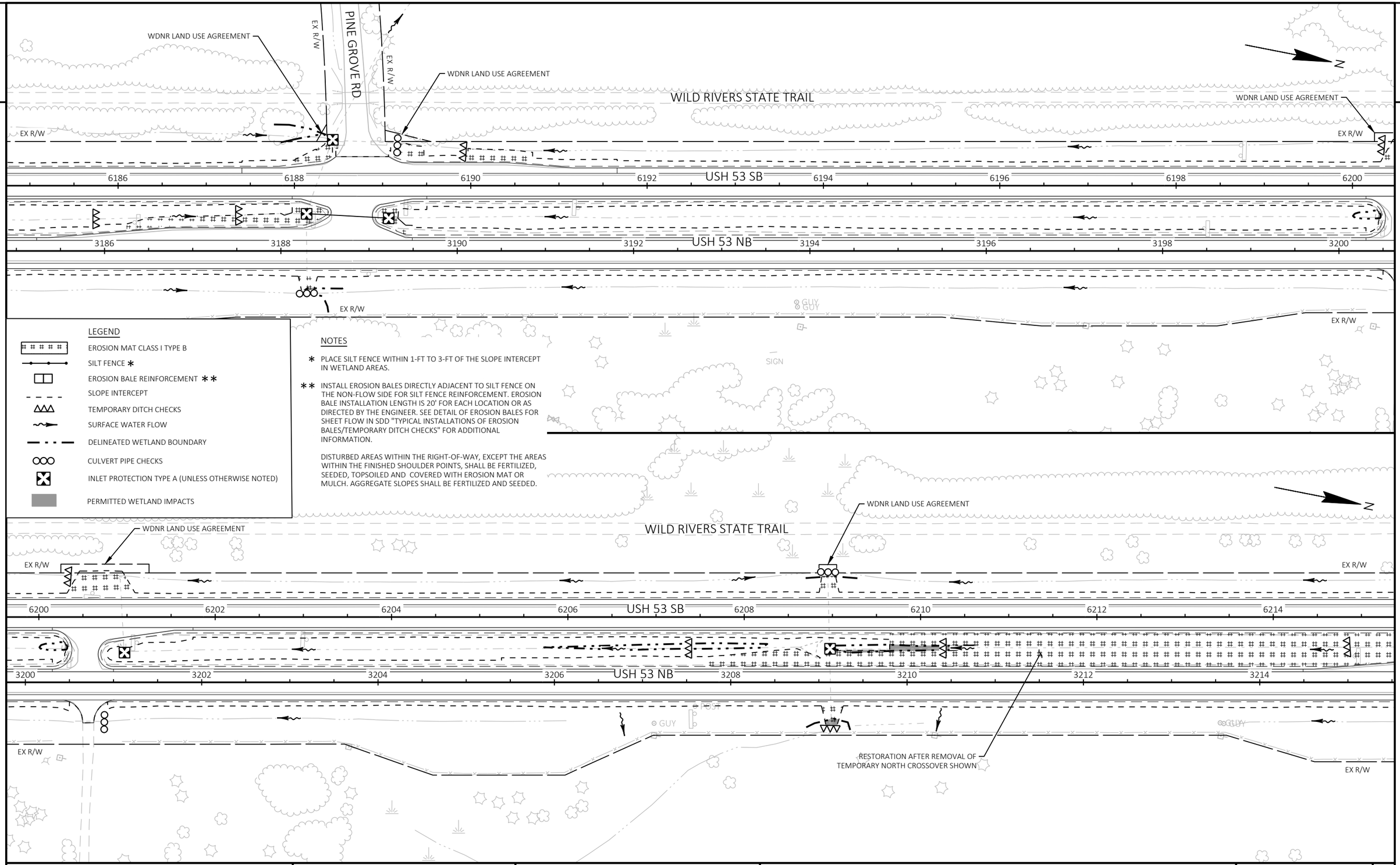
PROJECT NO: 1198-10-77 | HWY: USH 53 | COUNTY: WASHBURN | EROSION CONTROL - STAGE 2, 4 & 5 | SHEET 53 | E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\022005-EC.DWG
LAYOUT NAME - 06
PLOT DATE : 1/31/2022 4:21 PM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

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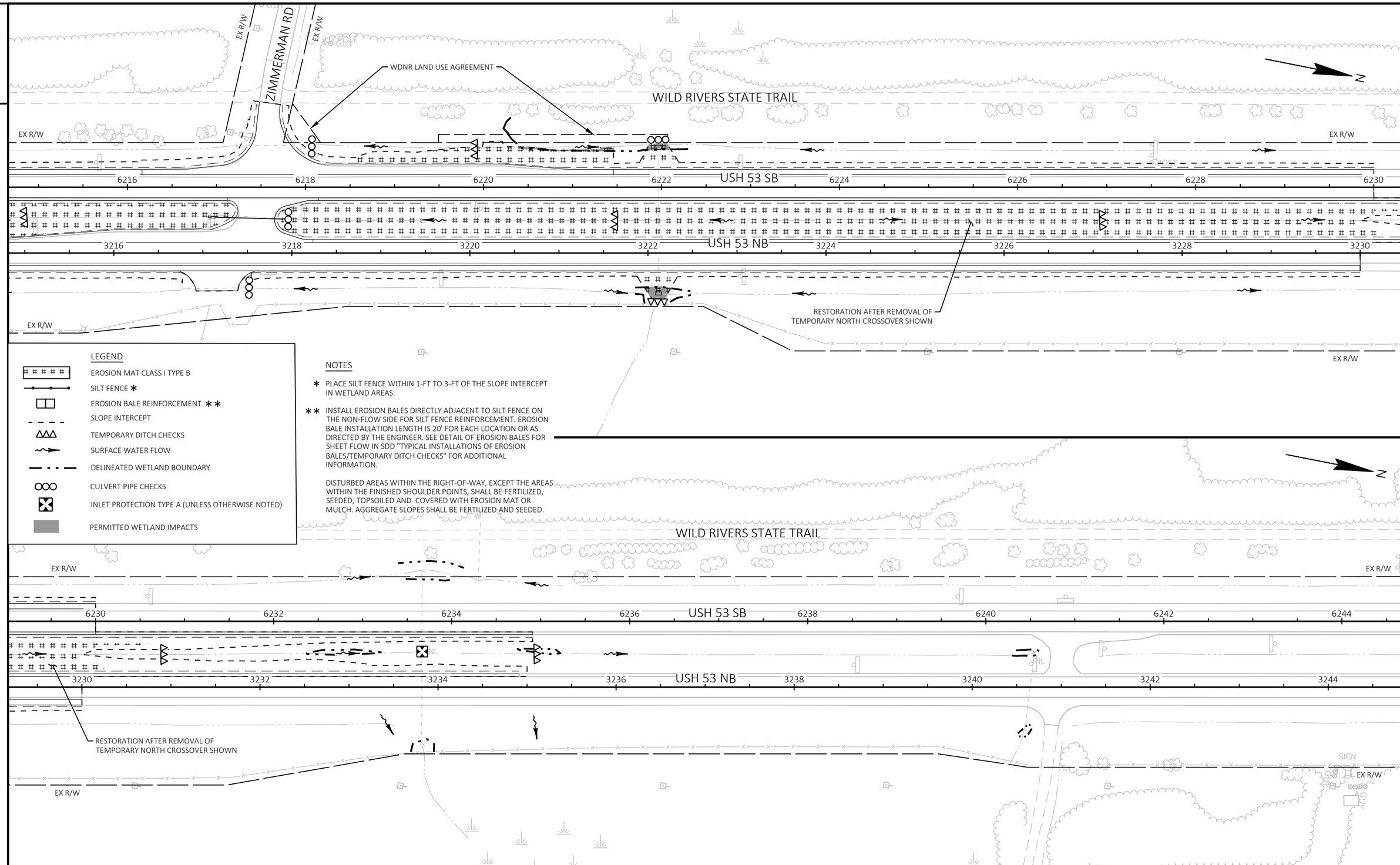
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 54	E



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 55	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\022005-EC.DWG
LAYOUT NAME - 08
PLOT DATE : 1/31/2022 4:23 PM
PLOT BY : DREW NELSON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- (X) SIGN NUMBER
- (8W) MARKING CHANNELIZING 8-INCH (WHITE)

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

(X) TRAFFIC CONTROL COVERING SIGNS IN THE STAGE NUMBER SHOWN (DURING BI-DIRECTIONAL TRAFFIC CONDITIONS); SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

EXISTING SPEED LIMIT SIGNS SHALL BE COVERED BY TEMPORARY SPEED LIMIT SIGNS (55 MPH), SEE TRAFFIC CONTROL PLANS

[X] SIGNS NOTED FOR MOVING ARE IN CONFLICT WITH PROPOSED GRADING; REMOVE, STOCKPILE, AND RE-INSTALL IN THE STAGE NUMBER SHOWN UNLESS NOTED OTHERWISE

* MOVE SIGNS TO USH 53 SB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 2

** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

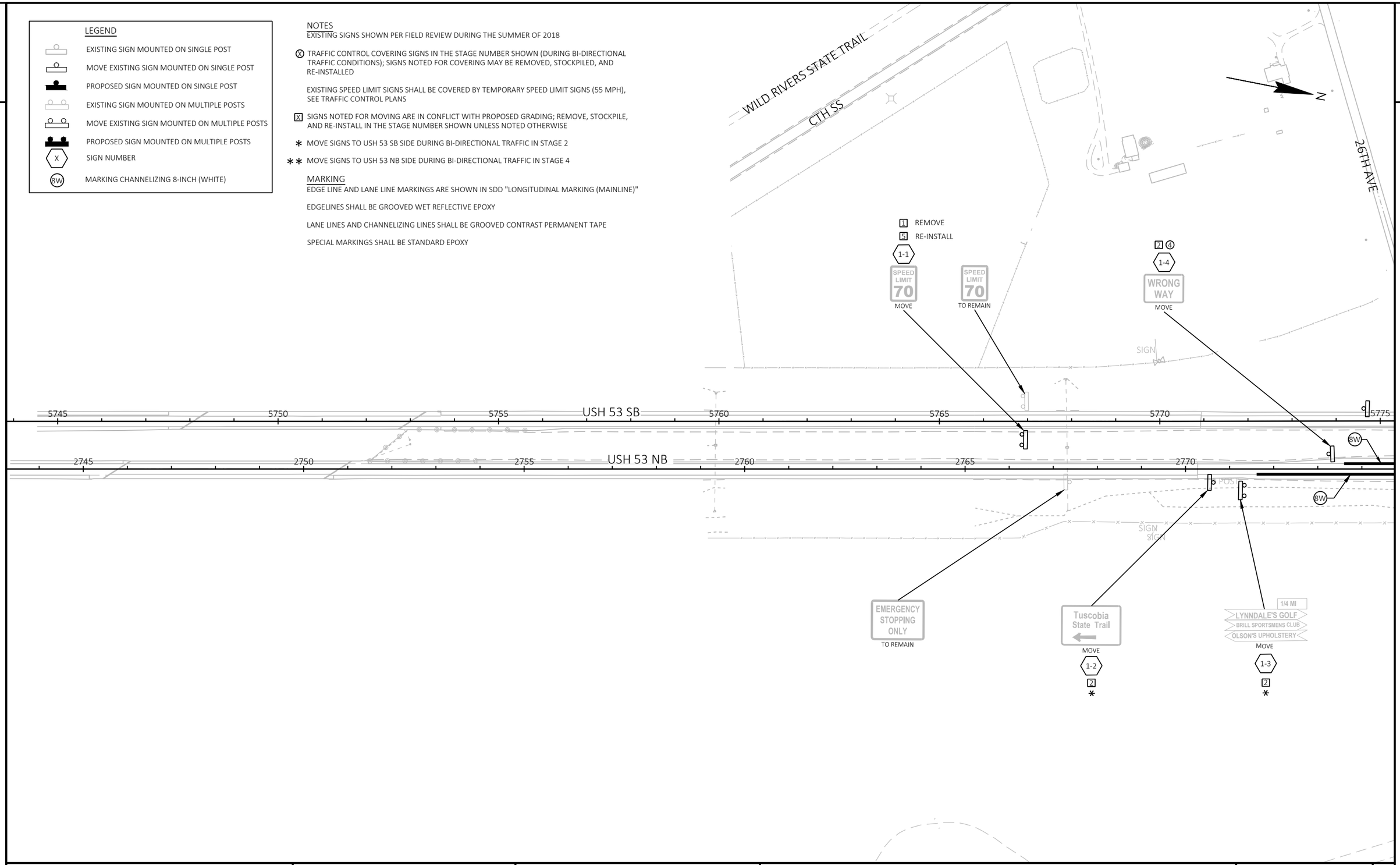
MARKING

EDGE LINE AND LANE LINE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)"

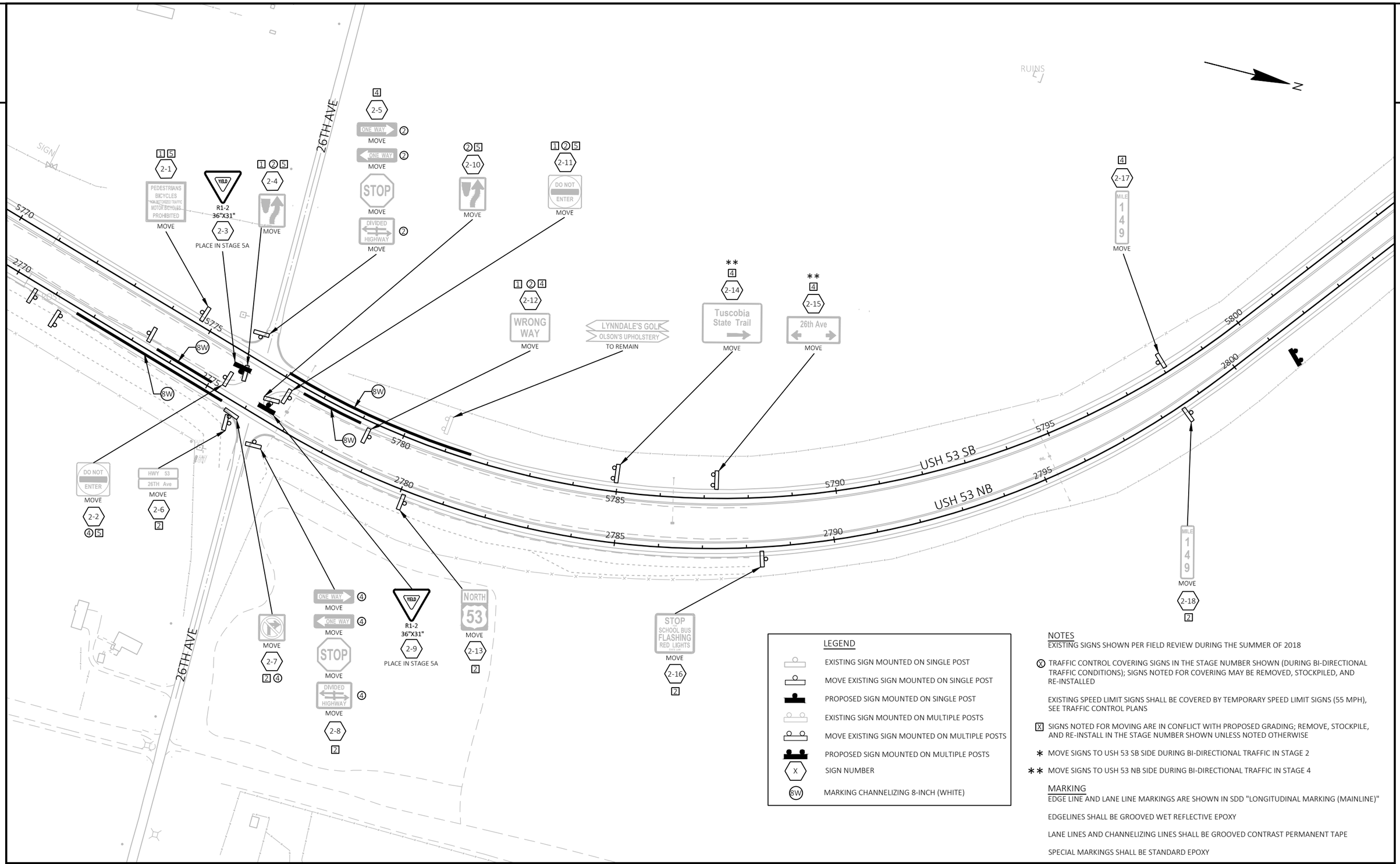
EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PERMANENT SIGNING AND MARKING	SHEET 56	E



LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- X — SIGN NUMBER
- 8W — MARKING CHANNELIZING 8-INCH (WHITE)

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

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** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

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EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PERMANENT SIGNING AND MARKING	SHEET 57	E

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- X — SIGN NUMBER
- (8W) — MARKING CHANNELIZING 8-INCH (WHITE)

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

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** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

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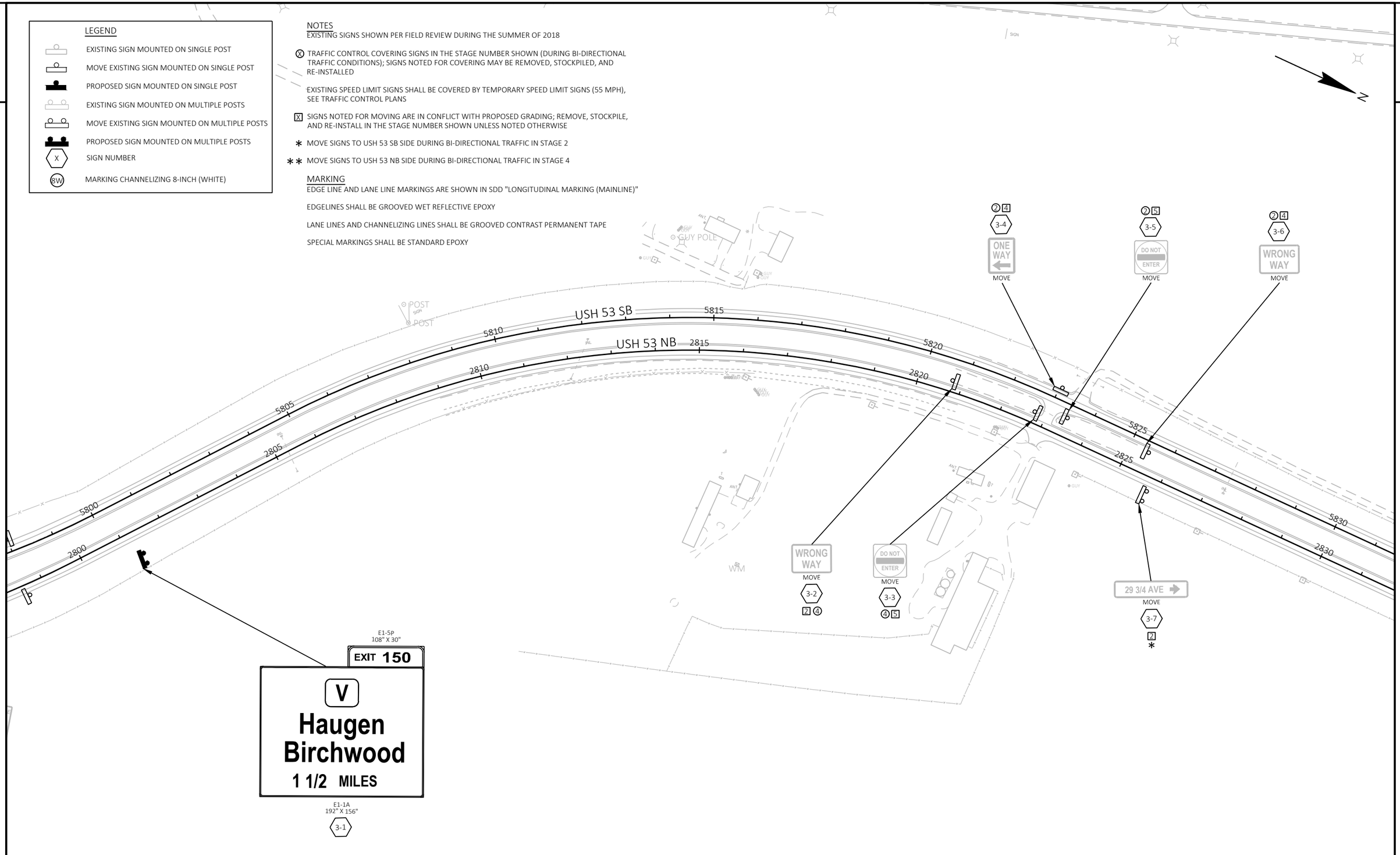

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PERMANENT SIGNING AND MARKING	SHEET 58	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 03

PLOT DATE : 10/7/2022 8:47 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- X — SIGN NUMBER
- (8W) — MARKING CHANNELIZING 8-INCH (WHITE)

NOTES

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* MOVE SIGNS TO USH 53 SB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 2

** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

EDGE LINE AND LANE LINE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)"

EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY

N

[2] [4] 4-1 WRONG WAY MOVE

[2] [4] 4-2 DO NOT ENTER MOVE

[2] [4] 4-4 ONE WAY MOVE

[4] 4-7 SLOWER TRAFFIC KEEP RIGHT MOVE

[4] 4-9 MILE 150 MOVE

4-10

Rice Lake	6
Cameron	15
Eau Claire	63

D2-3
192" X 84"

5830 5835 5840 USH 53 SB 5845 5850 5855

2830 2835 2840 USH 53 NB 2845 2850 2855

(8W)

27TH AVE

[2] HWY 53 / 27th Ave MOVE 4-3

[2] [4] ONE WAY MOVE STOP MOVE 4-5

[2] NORTH 53 MOVE 4-6

[2] MILE 150 MOVE 4-8

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PERMANENT SIGNING AND MARKING	SHEET 59	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 04

PLOT DATE : 10/7/2022 8:47 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- X — SIGN NUMBER
- (8W) — MARKING CHANNELIZING 8-INCH (WHITE)

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

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** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

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SPECIAL MARKINGS SHALL BE STANDARD EPOXY

N

4 5-1 — SPEED LIMIT 65 — MOVE

4 5-2 — NORTH 53 — MOVE

UNNAMED

5860 5865 5870 USH 53 SB 5875 5880 5885

2860 2865 2870 USH 53 NB 2875 2880 2885

WATERWAY

SIGN

CUY

E1-5P
108" X 30"
EXIT 150

V
Haugen
Birchwood

E4-1A
228" X 126"
5-3

19TH ST

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PERMANENT SIGNING AND MARKING	SHEET 60	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 05
PLOT DATE : 10/7/2022 8:47 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- X — SIGN NUMBER
- 8W — MARKING CHANNELIZING 8-INCH (WHITE)

SIGNING AT AND ON CTH V NOT SHOWN, SIGNS TO REMAIN

N

WRONG WAY — TO REMAIN

TO REMAIN

Birchwood / Haugen — TO REMAIN

45 MPH — TO REMAIN

TO REMAIN

TO REMAIN

EXIT 150 — TO REMAIN

E1-5P
108" X 30"
EXIT 150
V
Haugen
Birchwood

E4-1A
228" X 126"
6-1

30 MPH — TO REMAIN

TO REMAIN

TO REMAIN

TO REMAIN

TO REMAIN

MILE 1 5 1 — TO REMAIN

USH 53 SB EXIT RAMP

CTH V

USH 53 SB ENTRANCE RAMP

5885 5890 5895 USH 53 SB 5900 5905 5910

2885 2890 2895 USH 53 NB 2900 2905 2910

EXIT 150 — TO REMAIN

USH 53 NB EXIT RAMP

USH 53 NB ENTRANCE RAMP

25 MPH — TO REMAIN

TO REMAIN

TO REMAIN

TO REMAIN

TO REMAIN

TO REMAIN

TO REMAIN

TO REMAIN

MILE 1 5 1 — TO REMAIN

19TH ST

CTH V

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

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* MOVE SIGNS TO USH 53 SB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 2

** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

EDGE LINE AND LANE LINE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)"

EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PERMANENT SIGNING AND MARKING	SHEET 61	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 06

PLOT DATE : 10/7/2022 8:47 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- (X) SIGN NUMBER
- (8W) MARKING CHANNELIZING 8-INCH (WHITE)

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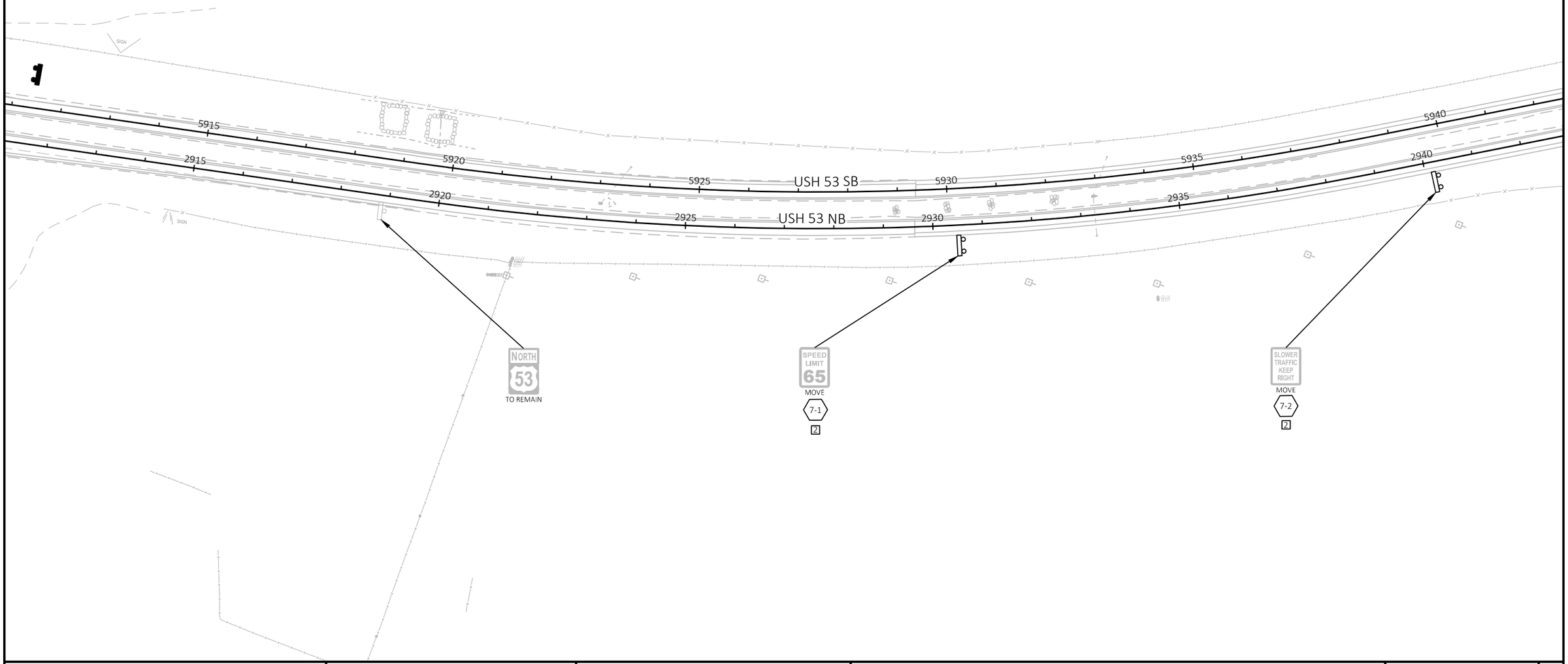

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PERMANENT SIGNING AND MARKING	SHEET 62	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 07

PLOT DATE : 10/7/2022 8:47 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
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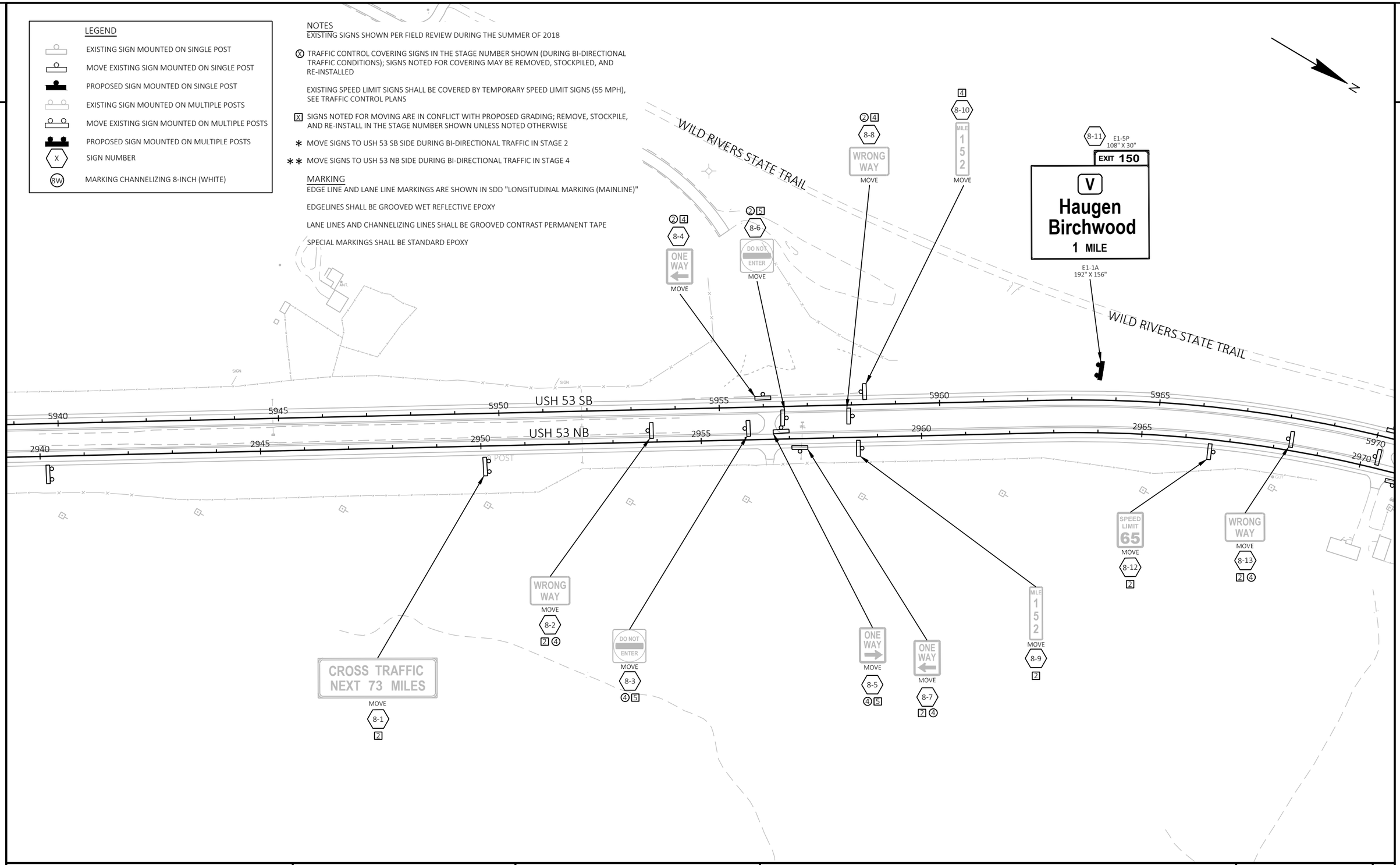
LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PERMANENT SIGNING AND MARKING	SHEET 63	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 08

PLOT DATE : 10/7/2022 8:47 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- X — SIGN NUMBER
- 8W — MARKING CHANNELIZING 8-INCH (WHITE)

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

(X) TRAFFIC CONTROL COVERING SIGNS IN THE STAGE NUMBER SHOWN (DURING BI-DIRECTIONAL TRAFFIC CONDITIONS); SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

EXISTING SPEED LIMIT SIGNS SHALL BE COVERED BY TEMPORARY SPEED LIMIT SIGNS (55 MPH), SEE TRAFFIC CONTROL PLANS

[X] SIGNS NOTED FOR MOVING ARE IN CONFLICT WITH PROPOSED GRADING; REMOVE, STOCKPILE, AND RE-INSTALL IN THE STAGE NUMBER SHOWN UNLESS NOTED OTHERWISE

* MOVE SIGNS TO USH 53 SB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 2

** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

EDGE LINE AND LANE LINE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)"

EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY

N

9-2 ONE WAY MOVE

9-4 DO NOT ENTER MOVE

9-5 WRONG WAY MOVE

9-8 WRONG WAY MOVE

9-10 ONE WAY MOVE

9-13 DO NOT ENTER MOVE

CROSS TRAFFIC NEXT 5 MILES — TO REMAIN

9-14 WRONG WAY MOVE

** 9-16 29 3/4 AVE MOVE

WILD RIVERS STATE TRAIL

BIKE PATH

USH 53 SB

USH 53 NB

5970 5975 5980 5985 5990 5995

2970 2975 2980 2985 2990 2995

8W

9-1 DO NOT ENTER MOVE ④ 5

9-3 ONE WAY MOVE 2 ④

9-6 29 3/4 AVE MOVE 2 *

Spooner	15
Trego	22
Superior	82

D2-3 168" X 84" 9-7

9-9 DO NOT ENTER MOVE 2 ④ 5

ONE WAY ④ MOVE

ONE WAY ④ MOVE

STOP MOVE

DIVIDED HIGHWAY ④ MOVE

9-11 2

9-12 US HWY 53 / 29 3/4 Ave MOVE 2

9-15 30th AVE MOVE 2 *

29 3/4 AVE

BARRON COUNTY

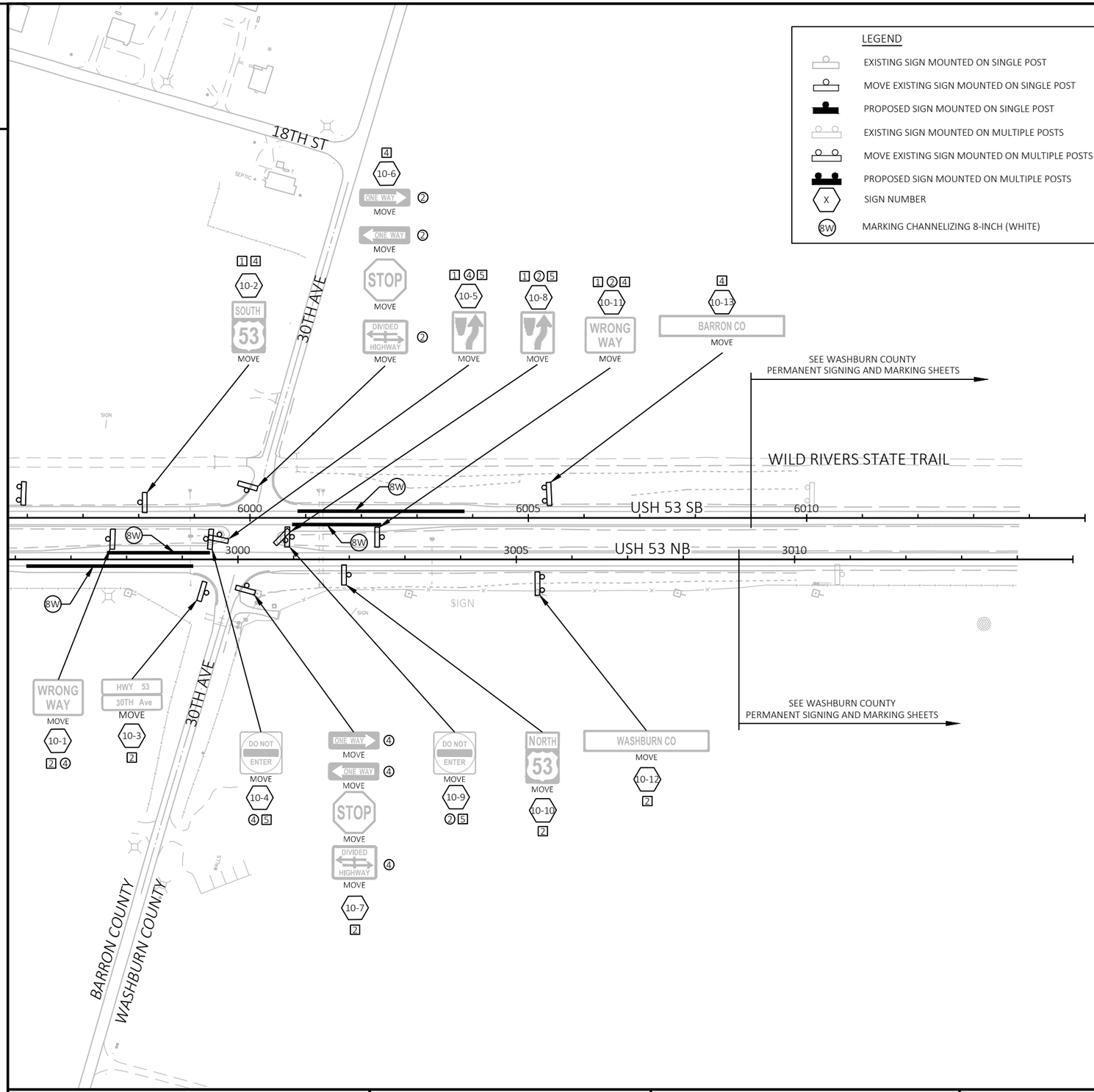
WASHBURN COUNTY

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PERMANENT SIGNING AND MARKING	SHEET 64	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 09

PLOT DATE : 10/7/2022 8:48 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
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- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
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NOTES

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* MOVE SIGNS TO USH 53 SB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 2

** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

EDGE LINE AND LANE LINE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)"

EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY

N

2

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PERMANENT SIGNING AND MARKING	SHEET 65	E

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- X — SIGN NUMBER
- (8W) — MARKING CHANNELIZING 8-INCH (WHITE)

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N

2

30TH AVE

SEE BARRON COUNTY PERMANENT SIGNING AND MARKING SHEETS

WILD RIVERS STATE TRAIL

5995 6000 6005 USH 53 SB 6010 6015 6020 6025

2995 3000 3005 USH 53 NB 3010 3015 3020 3025

** 4 11-1 30TH AVE MOVE

MILE 153 MOVE

2 4 11-3 WRONG WAY MOVE

2 4 11-5 ONE WAY MOVE

2 5 11-6 DO NOT ENTER MOVE

SEE BARRON COUNTY PERMANENT SIGNING AND MARKING SHEETS

MILE 153 MOVE 11-2 2

DO NOT ENTER MOVE 11-4 4 5

WRONG WAY MOVE 11-7 2 4

30TH AVE

BARRON COUNTY

WASHBURN COUNTY

MONDAY LAKE

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 66	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 11

PLOT DATE : 10/7/2022 8:48 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
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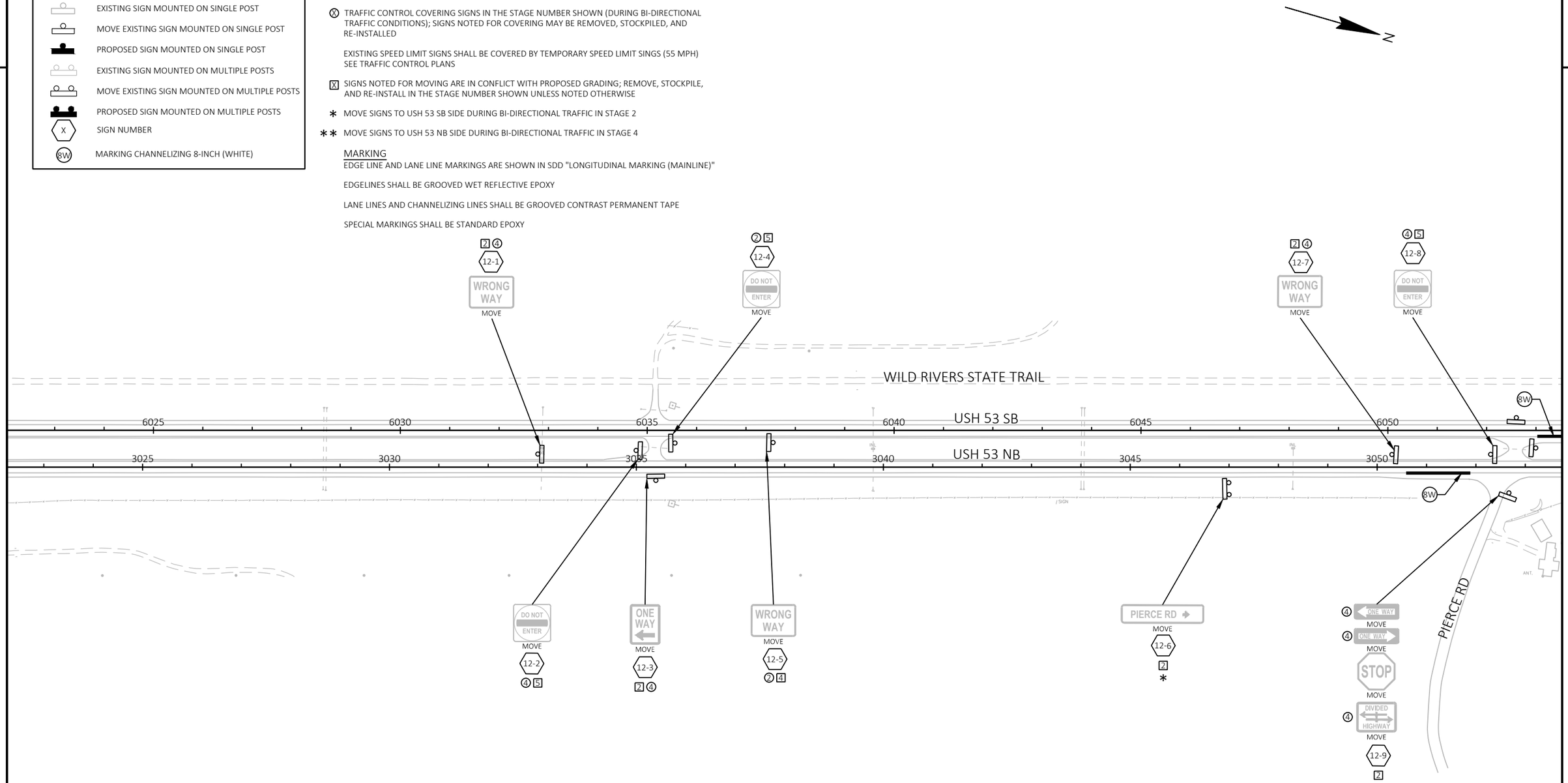

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 67	E

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
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MARKING

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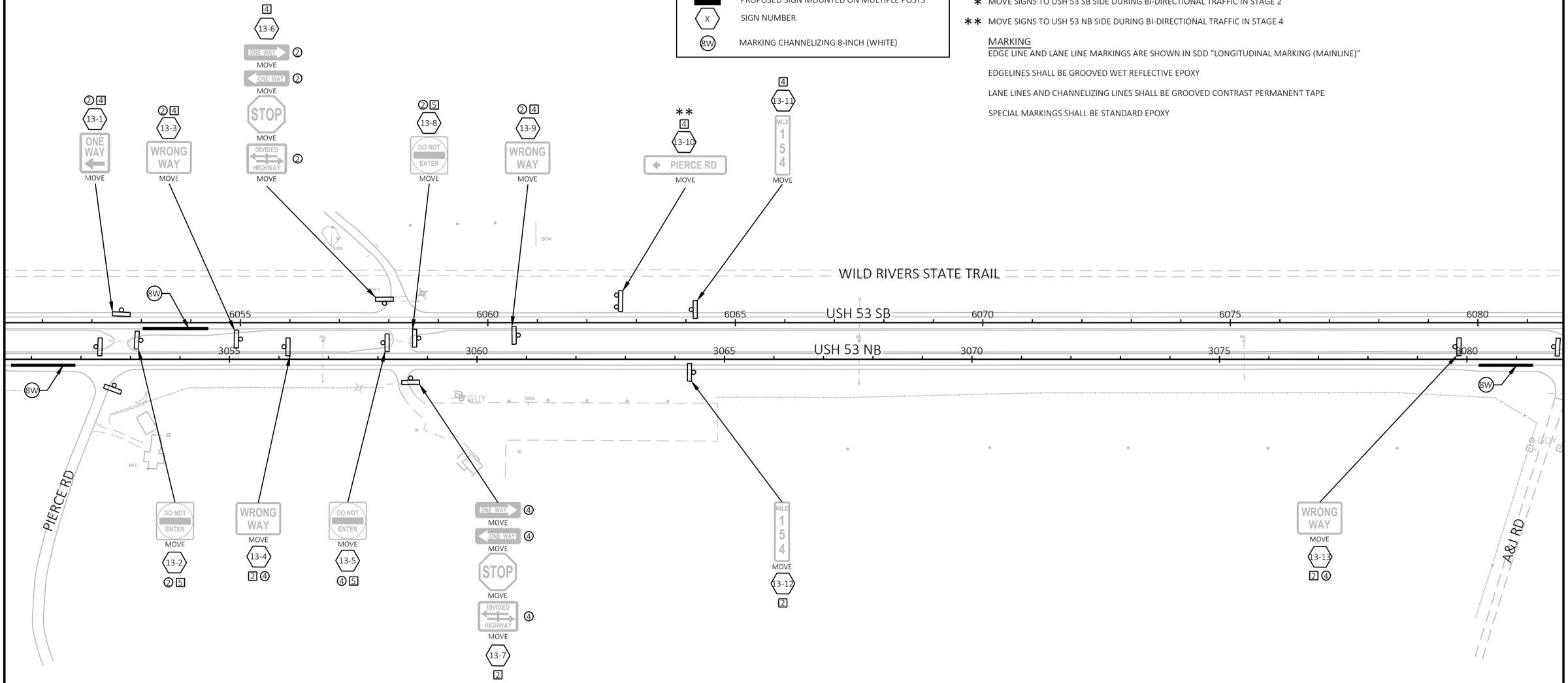
N



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 68	E

2

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
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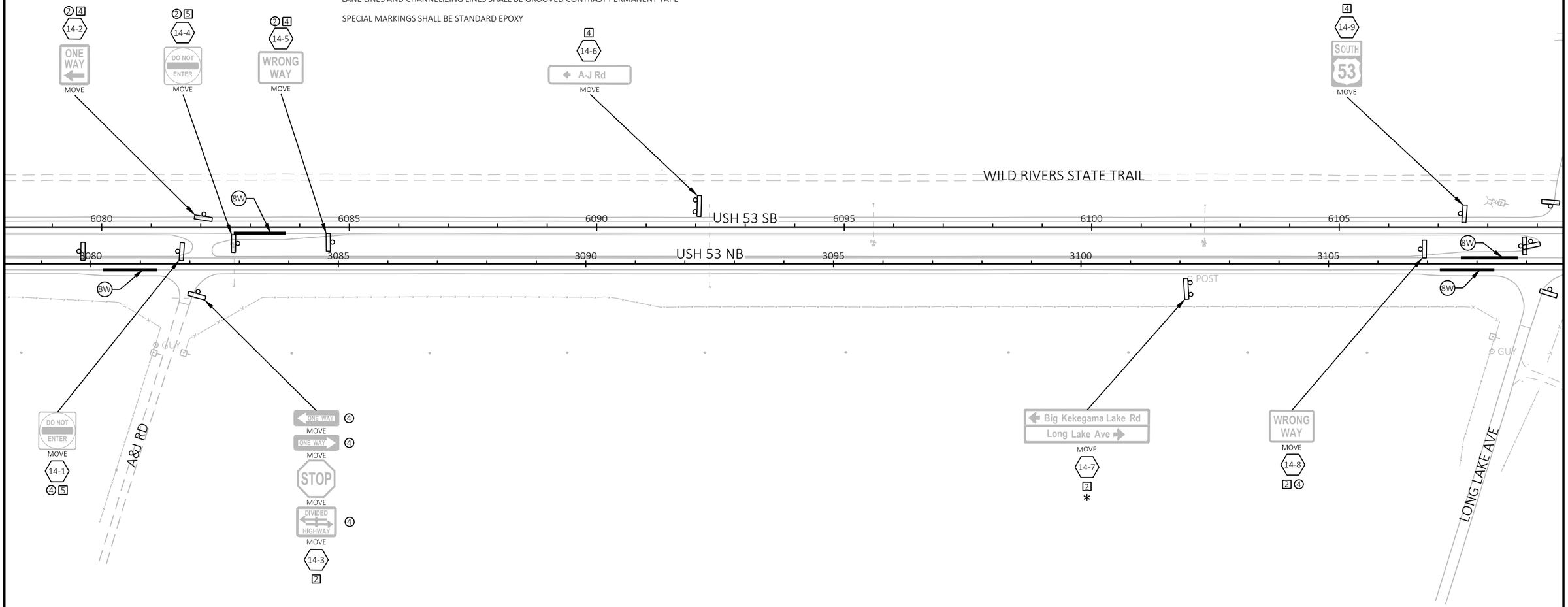

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 69	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 14

PLOT DATE : 10/7/2022 8:49 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- X SIGN NUMBER
- 8W MARKING CHANNELIZING 8-INCH (WHITE)

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

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* MOVE SIGNS TO USH 53 SB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 2

** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

EDGE LINE AND LANE LINE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)"

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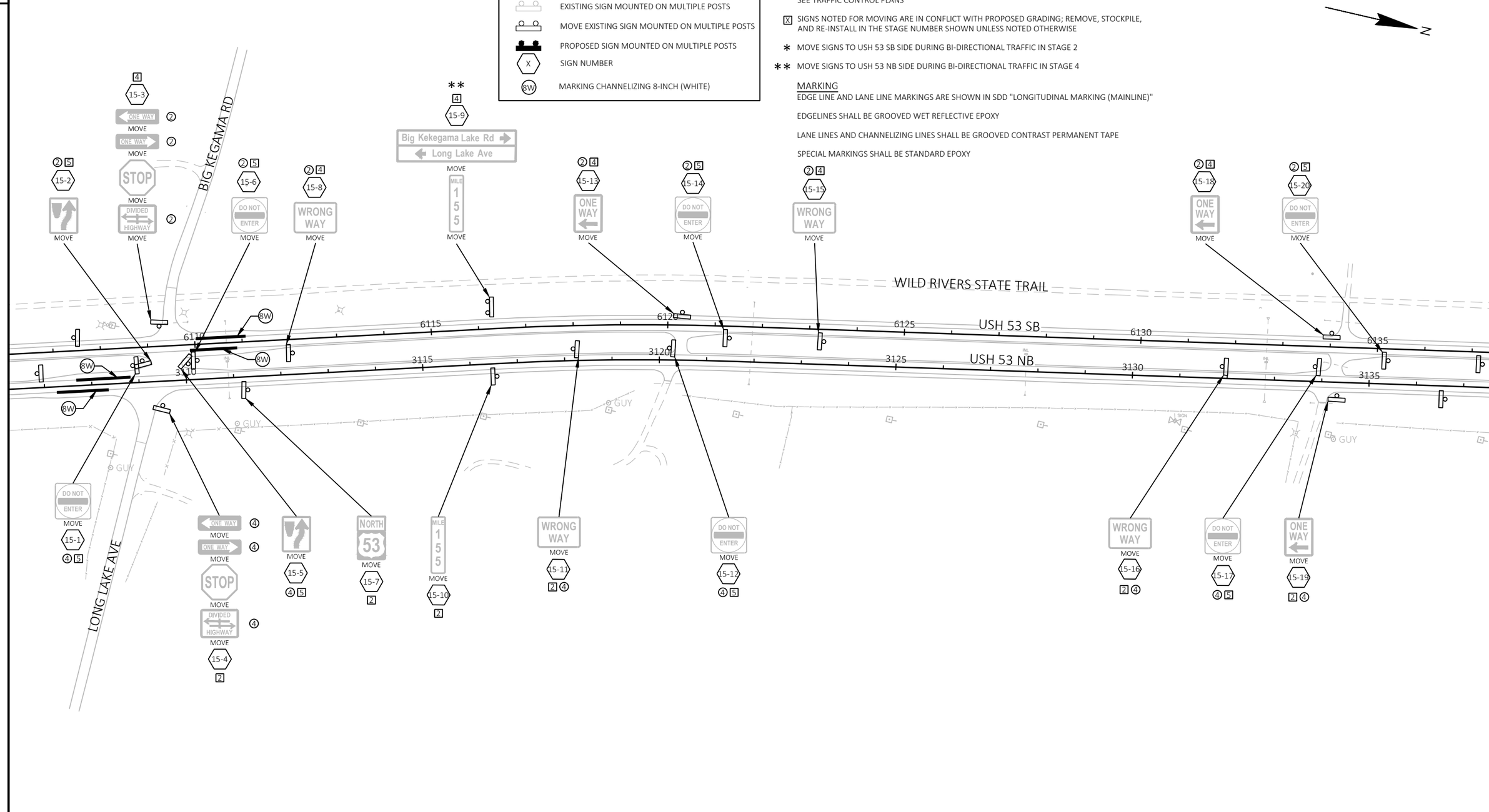
SPECIAL MARKINGS SHALL BE STANDARD EPOXY



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 70	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 15
PLOT DATE : 10/7/2022 8:49 AM
PLOT BY : DREW NELSON
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

2

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
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- 8W — MARKING CHANNELIZING 8-INCH (WHITE)

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

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** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

EDGE LINE AND LANE LINE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)"

EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

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SPECIAL MARKINGS SHALL BE STANDARD EPOXY

N

WILD RIVERS STATE TRAIL

USH 53 SB

6135 6140 6145 6150 6155 6160 6165

USH 53 NB

3135 3140 3145 3150 3155 3160 3165

WRONG WAY — MOVE — 16-2 — 2 4

DO NOT ENTER — MOVE — 16-5 — 4 5

ONE WAY — MOVE — 16-6 — 2 4

DO NOT ENTER — MOVE — 16-8 — 2 5

DUCK POND RD — MOVE — 16-10 — 4 — **

TRUCK ENTRANCE — MOVE — 16-1 — 2

DUCK POND RD — MOVE — 16-3 — 2 — *

WRONG WAY — MOVE — 16-4 — 2 4

ONE WAY — MOVE — 4

ONE WAY — MOVE — 4

STOP — MOVE

DIVIDED HIGHWAY — MOVE — 4

16-7 — 2

WRONG WAY — MOVE — 16-9 — 2 4

DUCK POND RD

8W

SIGN

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 71	E

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
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EDGE LINE AND LANE LINE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)"

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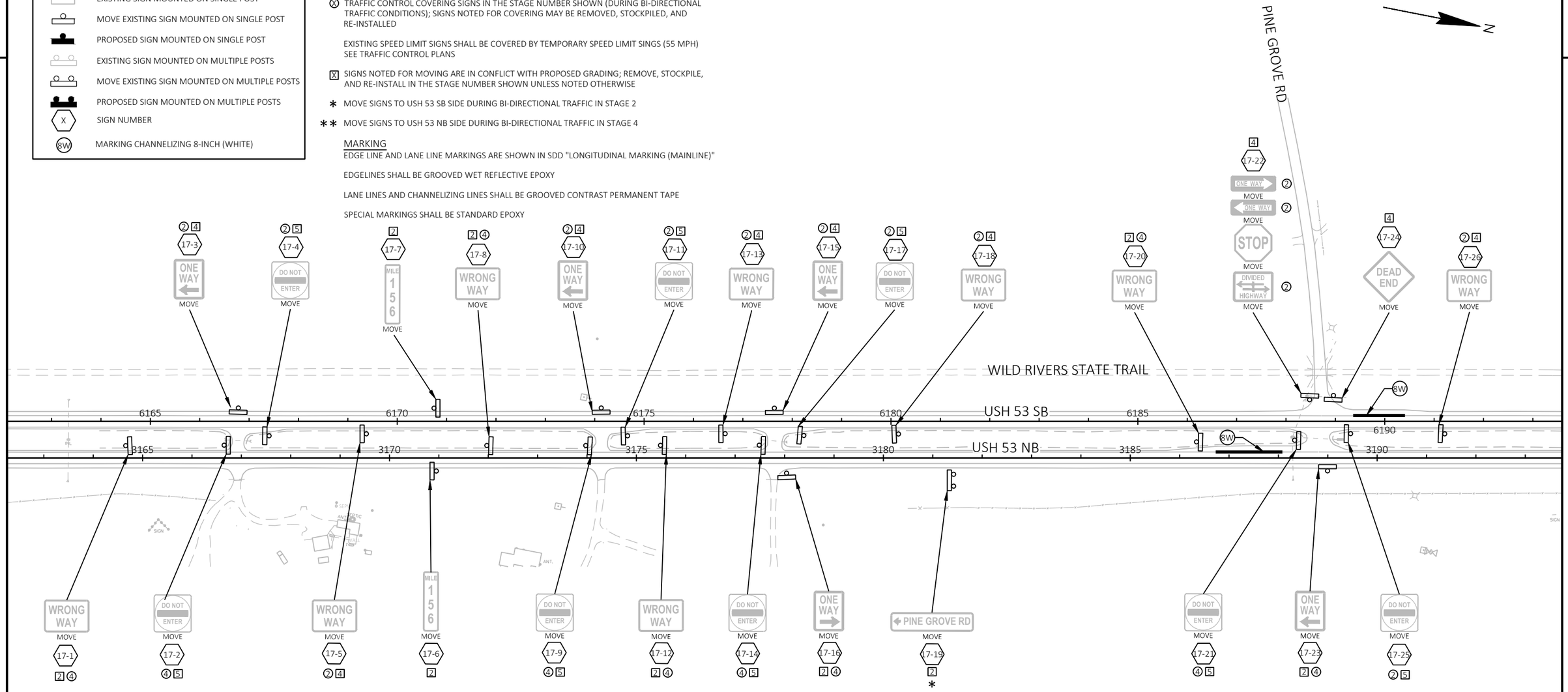

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 72	E

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
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N

WILD RIVERS STATE TRAIL

USH 53 SB

USH 53 NB

ZIMMERMAN RD

6195 6200 6205 6210 6215 6220

3195 3200 3205 3210 3215 3220

** 4 18-2 PINE GROVE RD MOVE

2 4 18-4 ONE WAY MOVE

2 5 18-5 DO NOT ENTER MOVE

4 18-9 SOUTH 53 MOVE

4 18-11 2 ONE WAY MOVE; 2 ONE WAY MOVE

2 STOP MOVE; 2 DIVIDED HIGHWAY MOVE

5 RE-INSTALL 18-13 DO NOT ENTER MOVE FROM STA 6222+40

5 RE-INSTALL 18-15 WRONG WAY MOVE FROM STA 6223+50

8W

WRONG WAY MOVE 18-1 2 4

DO NOT ENTER MOVE 18-3 4 5

WRONG WAY MOVE 18-6 2 4

ZIMMERMAN RD MOVE 18-7 2 *

WRONG WAY MOVE 18-8 5 RE-INSTALL

DO NOT ENTER MOVE 18-10 5 RE-INSTALL

ONE WAY MOVE 18-12 2 4

NORTH 53 MOVE 18-14 2

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 73	E

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- PROPOSED SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
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EXISTING SPEED LIMIT SIGNS SHALL BE COVERED BY TEMPORARY SPEED LIMIT SINGS (55 MPH) SEE TRAFFIC CONTROL PLANS

[X] SIGNS NOTED FOR MOVING ARE IN CONFLICT WITH PROPOSED GRADING; REMOVE, STOCKPILE, AND RE-INSTALL IN THE STAGE NUMBER SHOWN UNLESS NOTED OTHERWISE

* MOVE SIGNS TO USH 53 SB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 2

** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

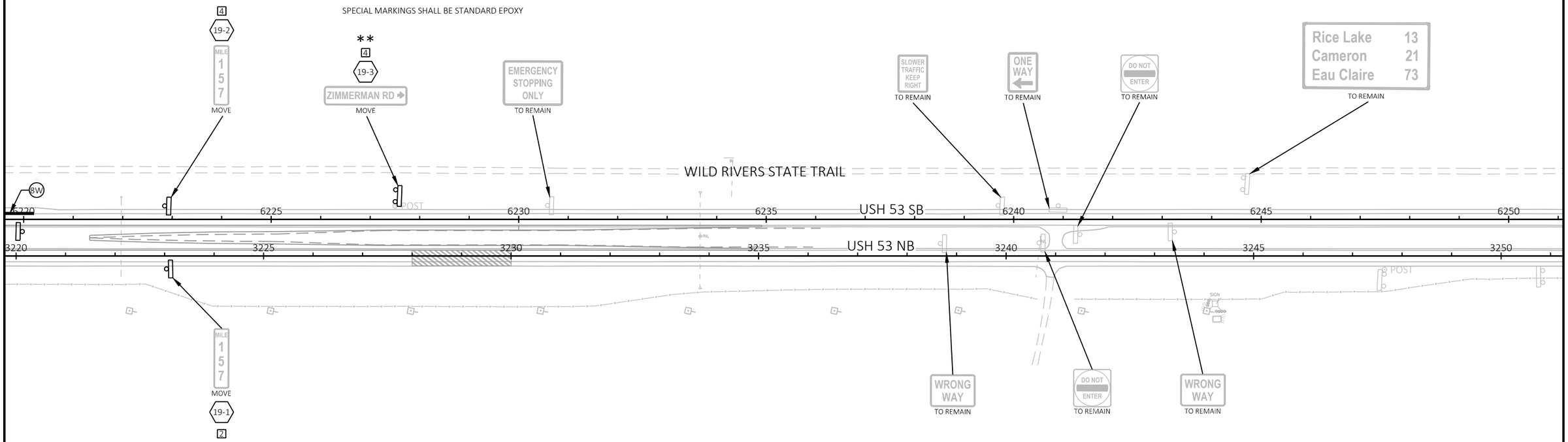
EDGE LINE AND LANE LINE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)"

EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY

N



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 74	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 19

PLOT DATE : 10/7/2022 8:50 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

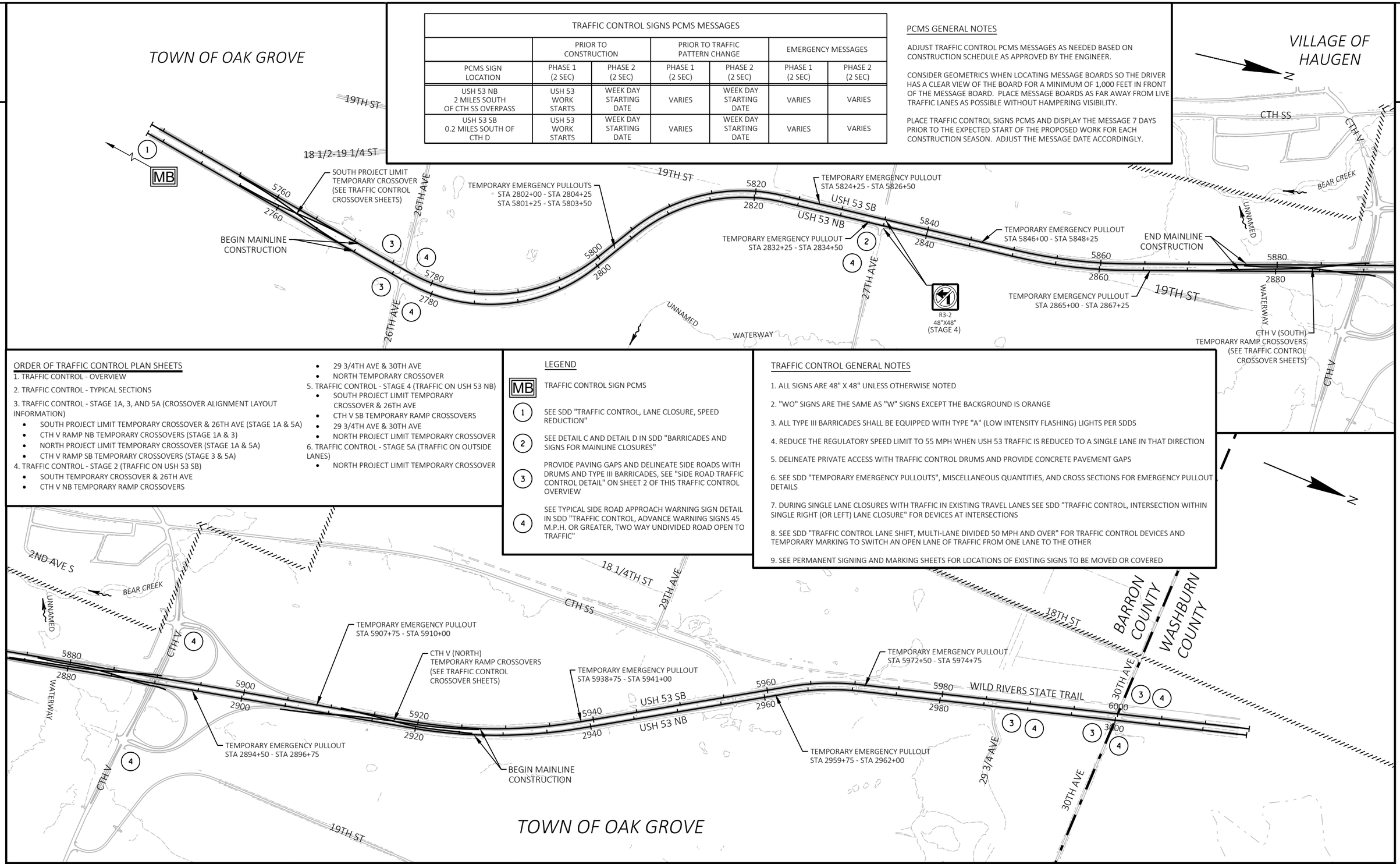
TRAFFIC CONTROL SIGNS PCMS MESSAGES						
	PRIOR TO CONSTRUCTION		PRIOR TO TRAFFIC PATTERN CHANGE		EMERGENCY MESSAGES	
PCMS SIGN LOCATION	PHASE 1 (2 SEC)	PHASE 2 (2 SEC)	PHASE 1 (2 SEC)	PHASE 2 (2 SEC)	PHASE 1 (2 SEC)	PHASE 2 (2 SEC)
USH 53 NB 2 MILES SOUTH OF CTH SS OVERPASS	USH 53 WORK STARTS	WEEK DAY STARTING DATE	VARIES	WEEK DAY STARTING DATE	VARIES	VARIES
USH 53 SB 0.2 MILES SOUTH OF CTH D	USH 53 WORK STARTS	WEEK DAY STARTING DATE	VARIES	WEEK DAY STARTING DATE	VARIES	VARIES

PCMS GENERAL NOTES

ADJUST TRAFFIC CONTROL PCMS MESSAGES AS NEEDED BASED ON CONSTRUCTION SCHEDULE AS APPROVED BY THE ENGINEER.

CONSIDER GEOMETRICS WHEN LOCATING MESSAGE BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE BOARD FOR A MINIMUM OF 1,000 FEET IN FRONT OF THE MESSAGE BOARD. PLACE MESSAGE BOARDS AS FAR AWAY FROM LIVE TRAFFIC LANES AS POSSIBLE WITHOUT HAMPERING VISIBILITY.

PLACE TRAFFIC CONTROL SIGNS PCMS AND DISPLAY THE MESSAGE 7 DAYS PRIOR TO THE EXPECTED START OF THE PROPOSED WORK FOR EACH CONSTRUCTION SEASON. ADJUST THE MESSAGE DATE ACCORDINGLY.



ORDER OF TRAFFIC CONTROL PLAN SHEETS

1. TRAFFIC CONTROL - OVERVIEW
2. TRAFFIC CONTROL - TYPICAL SECTIONS
3. TRAFFIC CONTROL - STAGE 1A, 3, AND 5A (CROSSOVER ALIGNMENT LAYOUT INFORMATION)
   - SOUTH PROJECT LIMIT TEMPORARY CROSSOVER & 26TH AVE (STAGE 1A & 5A)
   - CTH V RAMP NB TEMPORARY CROSSOVERS (STAGE 1A & 3)
   - NORTH PROJECT LIMIT TEMPORARY CROSSOVER (STAGE 1A & 5A)
   - CTH V RAMP SB TEMPORARY CROSSOVERS (STAGE 3 & 5A)
4. TRAFFIC CONTROL - STAGE 2 (TRAFFIC ON USH 53 SB)
   - SOUTH TEMPORARY CROSSOVER & 26TH AVE
   - CTH V NB TEMPORARY RAMP CROSSOVERS
   - 29 3/4TH AVE & 30TH AVE
   - NORTH TEMPORARY CROSSOVER
5. TRAFFIC CONTROL - STAGE 4 (TRAFFIC ON USH 53 NB)
   - SOUTH PROJECT LIMIT TEMPORARY CROSSOVER & 26TH AVE
   - CTH V SB TEMPORARY RAMP CROSSOVERS
   - 29 3/4TH AVE & 30TH AVE
   - NORTH PROJECT LIMIT TEMPORARY CROSSOVER
6. TRAFFIC CONTROL - STAGE 5A (TRAFFIC ON OUTSIDE LANES)
   - NORTH PROJECT LIMIT TEMPORARY CROSSOVER

LEGEND

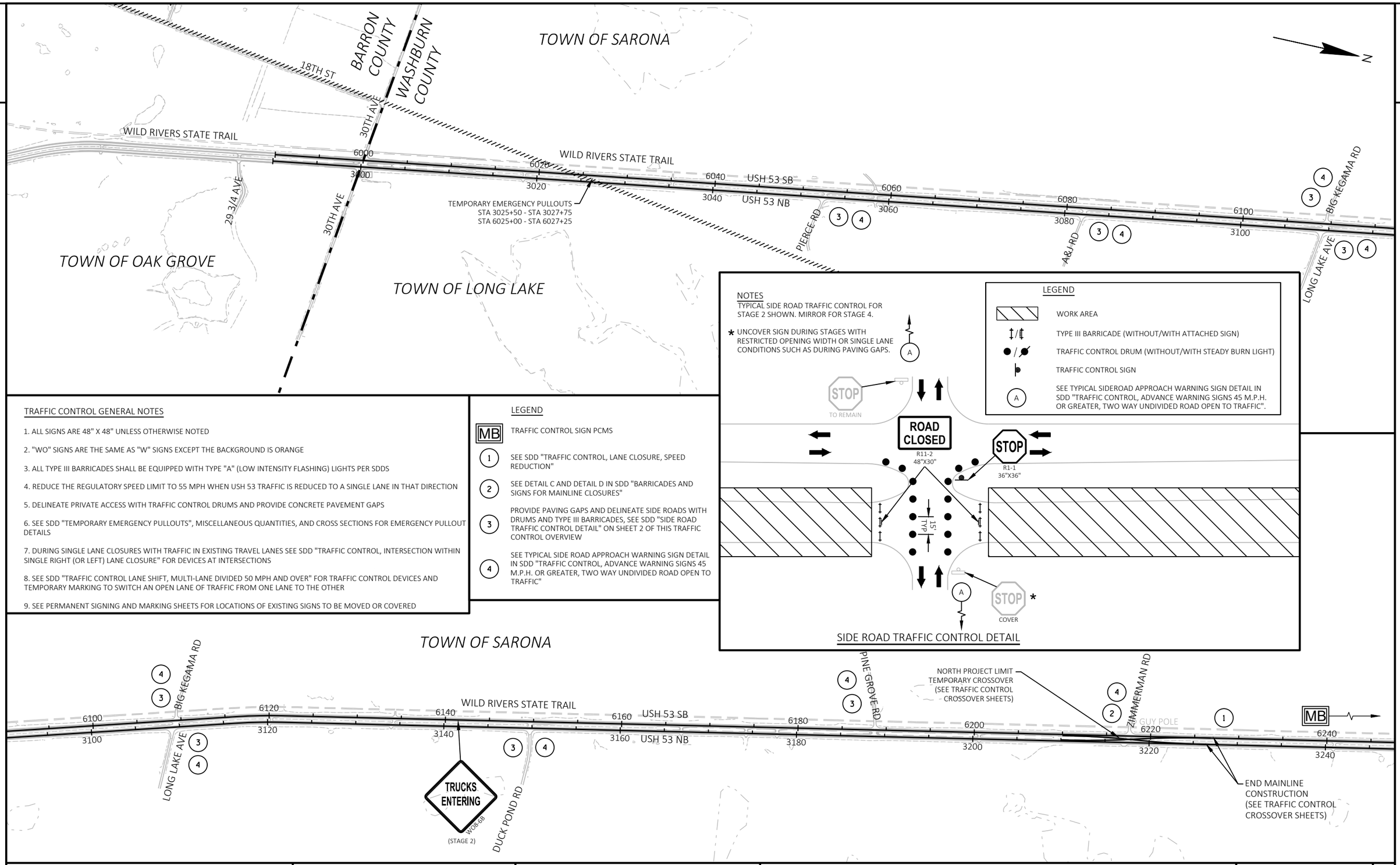
- MB — TRAFFIC CONTROL SIGN PCMS
- 1 — SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION"
- 2 — SEE DETAIL C AND DETAIL D IN SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES"
- 3 — PROVIDE PAVING GAPS AND DELINEATE SIDE ROADS WITH DRUMS AND TYPE III BARRICADES, SEE "SIDE ROAD TRAFFIC CONTROL DETAIL" ON SHEET 2 OF THIS TRAFFIC CONTROL OVERVIEW
- 4 — SEE TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL IN SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC"

TRAFFIC CONTROL GENERAL NOTES

1. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED
2. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE
3. ALL TYPE III BARRICADES SHALL BE EQUIPPED WITH TYPE "A" (LOW INTENSITY FLASHING) LIGHTS PER SDDS
4. REDUCE THE REGULATORY SPEED LIMIT TO 55 MPH WHEN USH 53 TRAFFIC IS REDUCED TO A SINGLE LANE IN THAT DIRECTION
5. DELINEATE PRIVATE ACCESS WITH TRAFFIC CONTROL DRUMS AND PROVIDE CONCRETE PAVEMENT GAPS
6. SEE SDD "TEMPORARY EMERGENCY PULLOUTS", MISCELLANEOUS QUANTITIES, AND CROSS SECTIONS FOR EMERGENCY PULLOUT DETAILS
7. DURING SINGLE LANE CLOSURES WITH TRAFFIC IN EXISTING TRAVEL LANES SEE SDD "TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT (OR LEFT) LANE CLOSURE" FOR DEVICES AT INTERSECTIONS
8. SEE SDD "TRAFFIC CONTROL LANE SHIFT, MULTI-LANE DIVIDED 50 MPH AND OVER" FOR TRAFFIC CONTROL DEVICES AND TEMPORARY MARKING TO SWITCH AN OPEN LANE OF TRAFFIC FROM ONE LANE TO THE OTHER
9. SEE PERMANENT SIGNING AND MARKING SHEETS FOR LOCATIONS OF EXISTING SIGNS TO BE MOVED OR COVERED

PROJECT NO:1198-10-77	HWY:USH 53	COUNTY:BARRON	TRAFFIC CONTROL - OVERVIEW	SHEET 75	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025000-TC.DWG
LAYOUT NAME - 01
PLOT DATE : 10/7/2022 8:50 AM
PLOT BY : LINDSEY CHANNEL
PLOT NAME :
PLOT SCALE : 1 IN:1000 FT



NOTES

TYPICAL SIDE ROAD TRAFFIC CONTROL FOR STAGE 2 SHOWN. MIRROR FOR STAGE 4.

* UNCOVER SIGN DURING STAGES WITH RESTRICTED OPENING WIDTH OR SINGLE LANE CONDITIONS SUCH AS DURING PAVING GAPS.

LEGEND

- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- (A) SEE TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL IN SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC".

SIDE ROAD TRAFFIC CONTROL DETAIL

TRAFFIC CONTROL GENERAL NOTES

1. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED
2. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE
3. ALL TYPE III BARRICADES SHALL BE EQUIPPED WITH TYPE "A" (LOW INTENSITY FLASHING) LIGHTS PER SDDS
4. REDUCE THE REGULATORY SPEED LIMIT TO 55 MPH WHEN USH 53 TRAFFIC IS REDUCED TO A SINGLE LANE IN THAT DIRECTION
5. DELINEATE PRIVATE ACCESS WITH TRAFFIC CONTROL DRUMS AND PROVIDE CONCRETE PAVEMENT GAPS
6. SEE SDD "TEMPORARY EMERGENCY PULLOUTS", MISCELLANEOUS QUANTITIES, AND CROSS SECTIONS FOR EMERGENCY PULLOUT DETAILS
7. DURING SINGLE LANE CLOSURES WITH TRAFFIC IN EXISTING TRAVEL LANES SEE SDD "TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT (OR LEFT) LANE CLOSURE" FOR DEVICES AT INTERSECTIONS
8. SEE SDD "TRAFFIC CONTROL LANE SHIFT, MULTI-LANE DIVIDED 50 MPH AND OVER" FOR TRAFFIC CONTROL DEVICES AND TEMPORARY MARKING TO SWITCH AN OPEN LANE OF TRAFFIC FROM ONE LANE TO THE OTHER
9. SEE PERMANENT SIGNING AND MARKING SHEETS FOR LOCATIONS OF EXISTING SIGNS TO BE MOVED OR COVERED

LEGEND

- MB TRAFFIC CONTROL SIGN PCMS
- (1) SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION"
- (2) SEE DETAIL C AND DETAIL D IN SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES"
- (3) PROVIDE PAVING GAPS AND DELINEATE SIDE ROADS WITH DRUMS AND TYPE III BARRICADES, SEE SDD "SIDE ROAD TRAFFIC CONTROL DETAIL" ON SHEET 2 OF THIS TRAFFIC CONTROL OVERVIEW
- (4) SEE TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL IN SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC"

PROJECT NO:1198-10-77	HWY:USH 53	COUNTY:WASHBURN	TRAFFIC CONTROL - OVERVIEW	SHEET 76	E

2

2

LEGEND

TRAFFIC CONTROL DRUM

TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER

① DRUM LOCATION SHOWN FOR AREAS NOT IMMEDIATELY ADJACENT TO CONSTRUCTION ACTIVITIES, DRUMS MAY BE SHIFTED TO LANE LINE ONLY IN AREAS WITH CONSTRUCTION ACTIVITIES AS APPROVED BY THE ENGINEER

TEMPORARY PAVEMENT PLACED IN THE PREVIOUS STAGE

TRAFFIC CONTROL FLOW ARROW

DELINEATOR TEMPORARY

NOTES

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

** SEE TRAFFIC CONTROL PLAN DETAILS AND TEMPORARY CROSSOVER DETAILS FOR TEMPORARY WIDENING AND TEMPORARY PAVEMENT LAYOUT INFORMATION

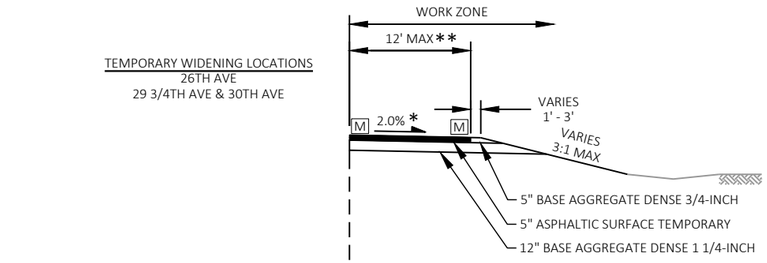
*** SEE TRAFFIC CONTROL - CROSSOVER PLAN SHEETS FOR TEMPORARY USH 53 AND RAMP CROSSOVER PAVEMENT STRUCTURE AND ADDITIONAL INFORMATION

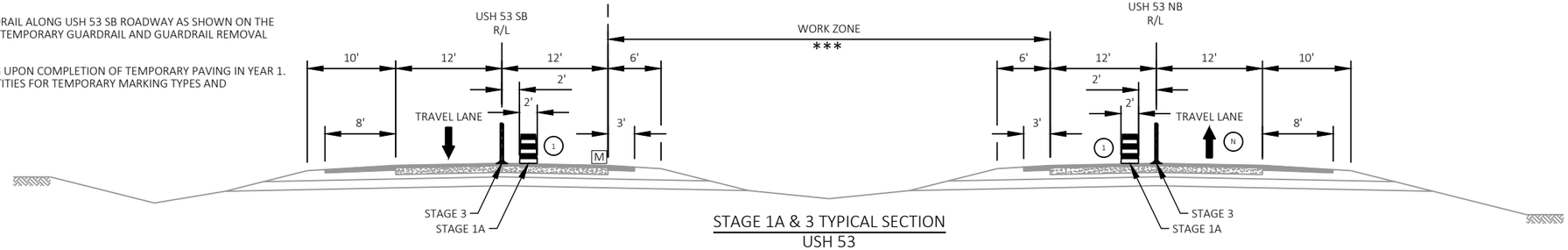
\# REMOVE EXISTING PAVED SHOULDER AND NECESSARY AGGREGATE (+/- 1.5") UNDER THE EXCAVATION COMMON ITEM PRIOR TO PLACEMENT OF ASPHALTIC SURFACE TEMPORARY. PREPARATION OF THE FOUNDATION IS INCIDENTAL TO THE ASPHALTIC SURFACE TEMPORARY ITEM.

INSTALL TEMPORARY GUARDRAIL ALONG USH 53 SB ROADWAY AS SHOWN ON THE CONSTRUCTION DETAIL FOR TEMPORARY GUARDRAIL AND GUARDRAIL REMOVAL AND THE CROSS SECTIONS.

Ⓜ RESTORE EXISTING MARKING UPON COMPLETION OF TEMPORARY PAVING IN YEAR 1. SEE MISCELLANEOUS QUANTITIES FOR TEMPORARY MARKING TYPES AND LOCATIONS.

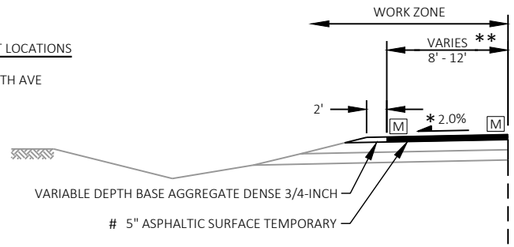
TEMPORARY WIDENING LOCATIONS
26TH AVE
29 3/4TH AVE & 30TH AVE





STAGE 1A & 3 TYPICAL SECTION
USH 53

TEMPORARY PAVEMENT LOCATIONS
26TH AVE
29 3/4TH AVE & 30TH AVE





STAGE 1B TYPICAL SECTION
USH 53

PROPOSED WORK STAGE 1A
CONSTRUCT TEMPORARY CROSSOVERS, TEMPORARY GUARDRAIL, & TEMPORARY WIDENING AT 26TH AVE & 29 3/4TH AVE/30TH AVE, CONSTRUCT TEMPORARY EMERGENCY PULLOUTS ALONG USH 53 SB

PROPOSED WORK STAGE 3
CONSTRUCT TEMPORARY CROSSOVERS AT CTH V RAMPS

PROPOSED WORK STAGE 1B
CONSTRUCT TEMPORARY GUARDRAIL AND TEMPORARY PAVING AT 26TH AVE & 29 3/4TH AVE/30TH AVE

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON & WASHBURN	TRAFFIC CONTROL - TYPICAL SECTIONS	SHEET 77	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 01
PLOT DATE : 10/6/2022 12:48 PM
PLOT BY : ERIK OLESON
PLOT NAME :
PLOT SCALE : 1 IN:15 FT
WISDOT/CADDS SHEET 42

2

NOTES

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

** SEE TRAFFIC CONTROL PLAN DETAILS FOR TEMPORARY WIDENING AND TEMPORARY PAVEMENT LAYOUT INFORMATION

\# 26TH AVE DOES NOT HAVE A USH 53 SB LEFT TURN LANE, 29 3/4 AVE DOES NOT HAVE A USH 53 NB LEFT TURN LANE OR A USH 53 SB COMBINED RT TURN LANE, SEE TRAFFIC CONTROL PLAN DETAILS FOR ADDITIONAL INFORMATION

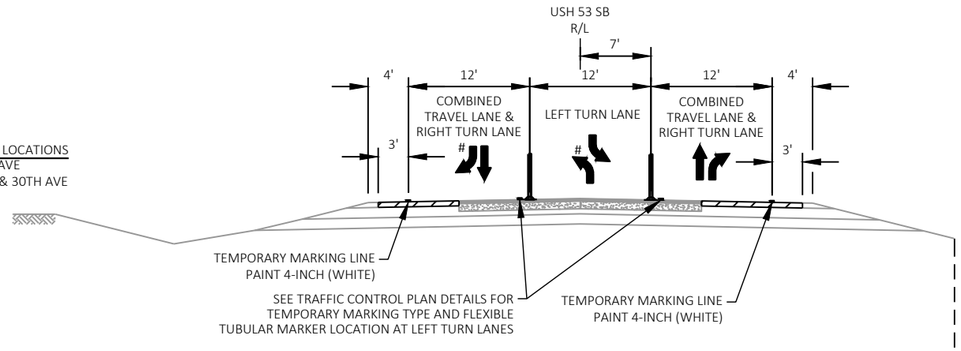
\## IN STAGE 5, SAWCUT THE ASPHALT SHOULDER AND RE-GRADE THE FORESLOPE OF THE TEMPORARY OVER WIDENED SHOULDER TO THE STANDARD PAVED SHOULDER WIDTH AND SLOPE AS SHOWN ON THE TYPICAL SECTIONS AND CROSS SECTIONS, PLACE AGGREGATE ON FINISHED SHOULDER

(V) USE TEMPORARY MARKING REMOVABLE TAPE ON EXISTING PAVEMENT TO REMAIN AT THE CTH V INTERCHANGE AND BEYOND PROJECT LIMITS

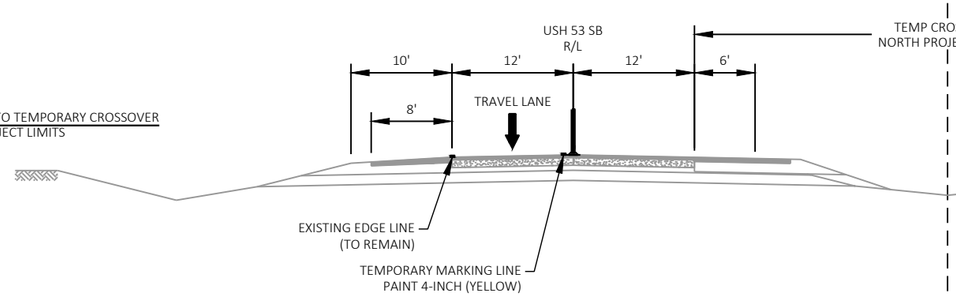
LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER
- TEMPORARY PAVEMENT PLACED IN THE PREVIOUS STAGE
- TRAFFIC CONTROL FLOW ARROW
- DELINEATOR TEMPORARY

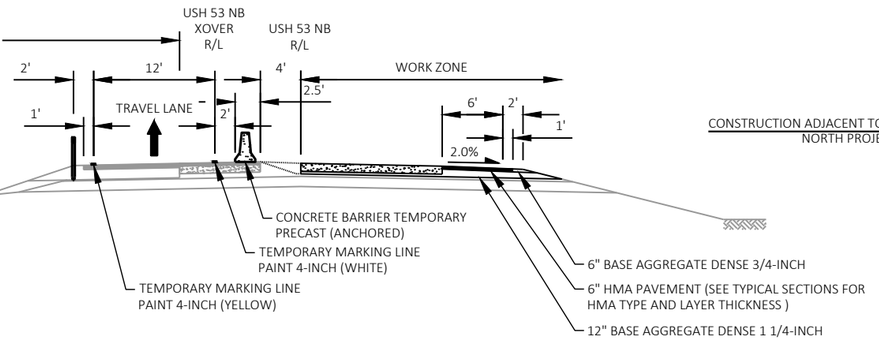
INTERSECTION LOCATIONS
26TH AVE
29 3/4TH AVE & 30TH AVE



CONSTRUCTION ADJACENT TO TEMPORARY CROSSOVER
NORTH PROJECT LIMITS

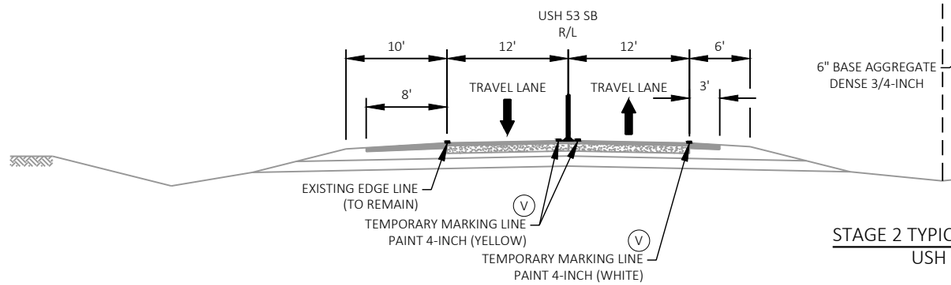


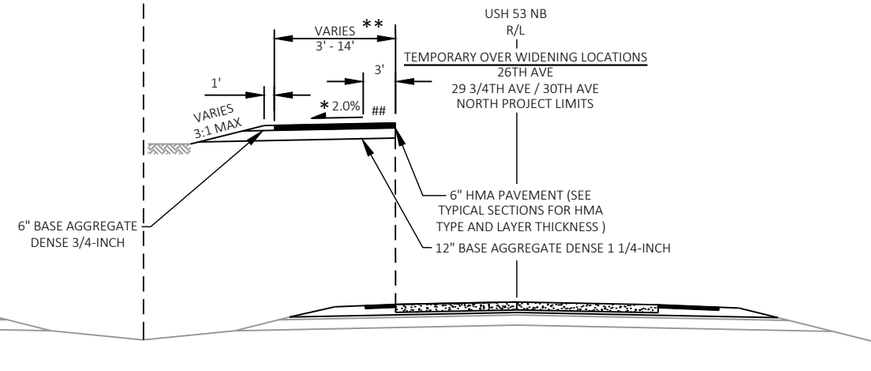
TEMP CROSSOVER
NORTH PROJECT LIMITS



CONSTRUCTION ADJACENT TO TEMPORARY CROSSOVER
NORTH PROJECT LIMITS

WORK ZONE



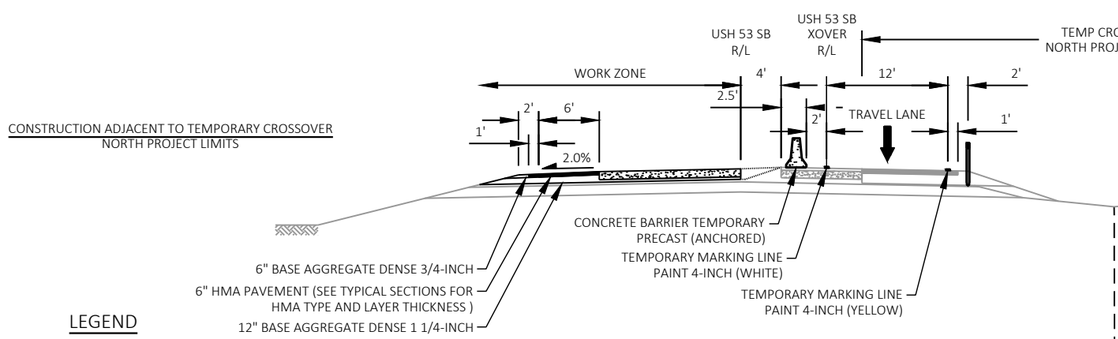


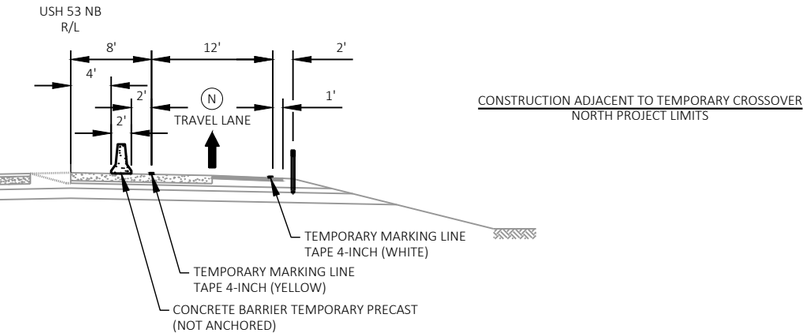
PROPOSED WORK STAGE 2
CONSTRUCT PROPOSED USH 53 NB & TEMPORARY OVER WIDENING AT 26TH AVE & 29 3/4TH AVE/30TH AVE, CONSTRUCT TEMPORARY EMERGENCY PULLOUTS ALONG USH 53 NB

STAGE 2 TYPICAL SECTION
USH 53

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON & WASHBURN	TRAFFIC CONTROL - TYPICAL SECTIONS	SHEET 78	E

2





CONSTRUCTION ADJACENT TO TEMPORARY CROSSOVER
NORTH PROJECT LIMITS

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER
- TEMPORARY PAVEMENT PLACED IN THE PREVIOUS STAGE
- TRAFFIC CONTROL FLOW ARROW
- DELINEATOR TEMPORARY

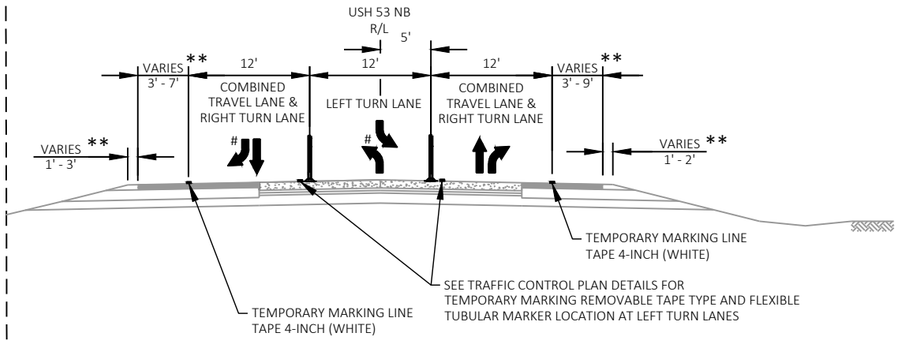
NOTES

** SEE TRAFFIC CONTROL PLAN DETAILS FOR TEMPORARY OVER WIDENING AND TEMPORARY PAVEMENT LAYOUT INFORMATION

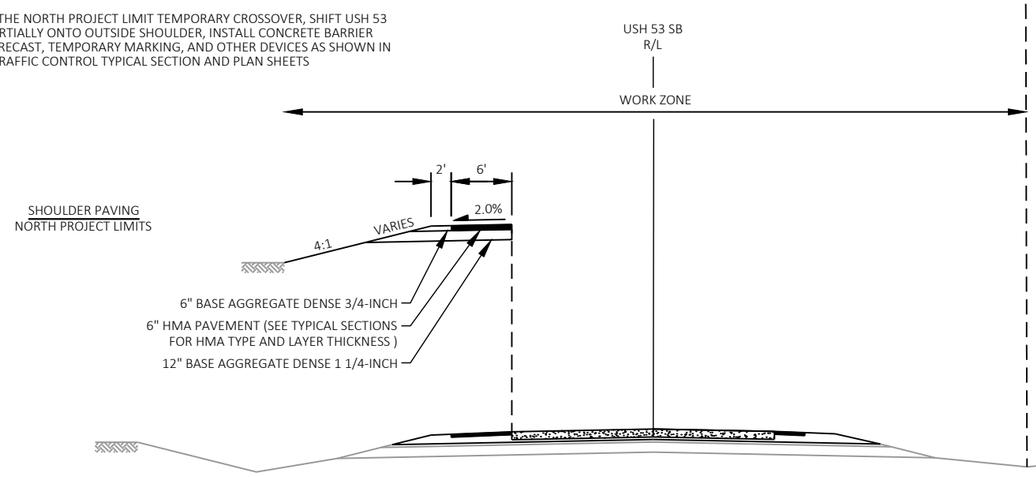
\# 26TH AVE DOES NOT HAVE A USH 53 SB LEFT TURN LANE, 29 3/4 AVE DOES NOT HAVE A USH 53 NB LEFT TURN LANE OR A USH 53 SB COMBINED RT TURN LANE, SEE TRAFFIC CONTROL PLAN DETAILS FOR ADDITIONAL INFORMATION

(V) USE TEMPORARY MARKING REMOVABLE TAPE ON EXISTING PAVEMENT TO REMAIN AT THE CTH V INTERCHANGE AND BEYOND THE NORTH AND SOUTH LIMITS OF PAVEMENT REPLACEMENT

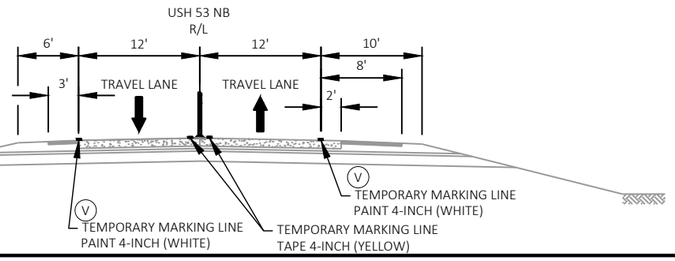
(N) ADJACENT TO THE NORTH PROJECT LIMIT TEMPORARY CROSSOVER, SHIFT USH 53 NB TRAFFIC PARTIALLY ONTO OUTSIDE SHOULDER, INSTALL CONCRETE BARRIER TEMPORARY PRECAST, TEMPORARY MARKING, AND OTHER DEVICES AS SHOWN IN THE STAGE 4 TRAFFIC CONTROL TYPICAL SECTION AND PLAN SHEETS



INTERSECTION LOCATIONS
26TH AVE
29 3/4TH AVE / 30TH AVE



STAGE 4 TYPICAL SECTION
USH 53



PROPOSED WORK STAGE 4
CONSTRUCT SB USH 53,
CONSTRUCT SB MEDIAN CABLE BARRIER,
REMOVE TEMPORARY EMERGENCY
PULLOUTS ALONG USH 53 SB

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON & WASHBURN	TRAFFIC CONTROL - TYPICAL SECTIONS	SHEET 79	E

2

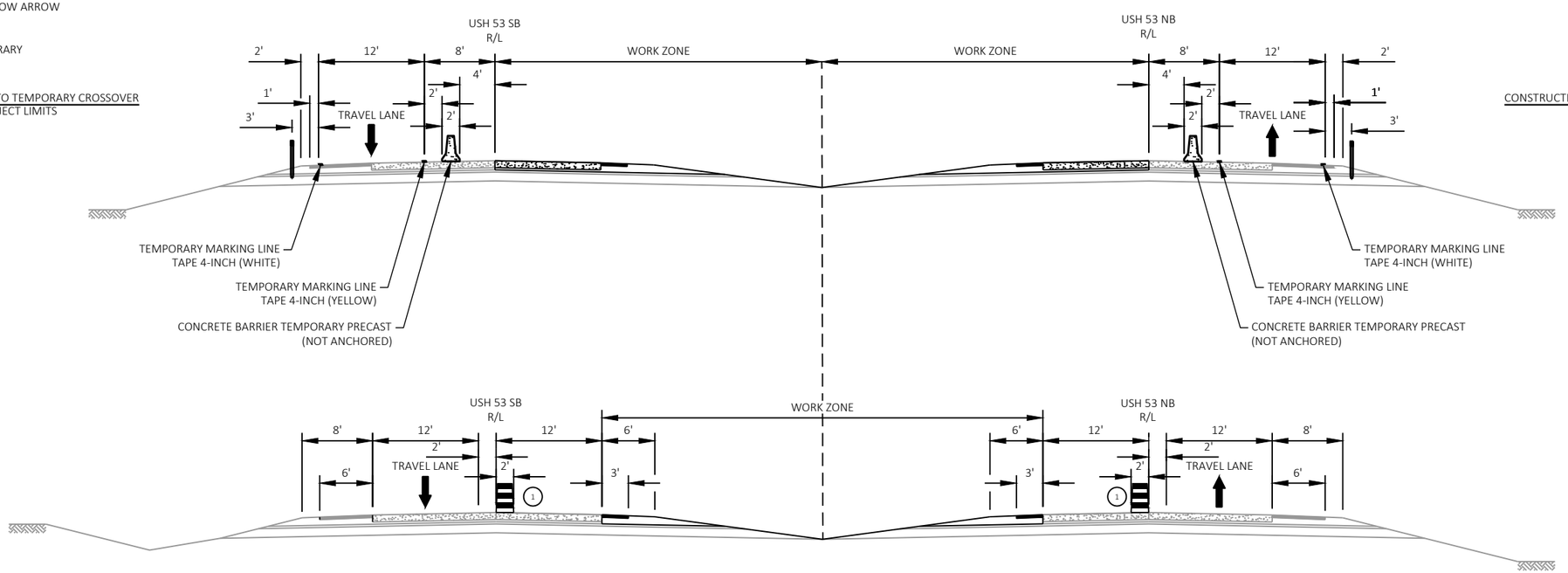
LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER
- (1) DRUM LOCATION SHOWN FOR AREAS NOT IMMEDIATELY ADJACENT TO CONSTRUCTION ACTIVITIES, DRUMS MAY BE SHIFTED TO LANE LINE ONLY IN AREAS WITH CONSTRUCTION ACTIVITIES AS APPROVED BY THE ENGINEER
- TEMPORARY PAVEMENT PLACED IN THE PREVIOUS STAGE
- TRAFFIC CONTROL FLOW ARROW
- DELINEATOR TEMPORARY

CONSTRUCTION ADJACENT TO TEMPORARY CROSSOVER
NORTH PROJECT LIMITS

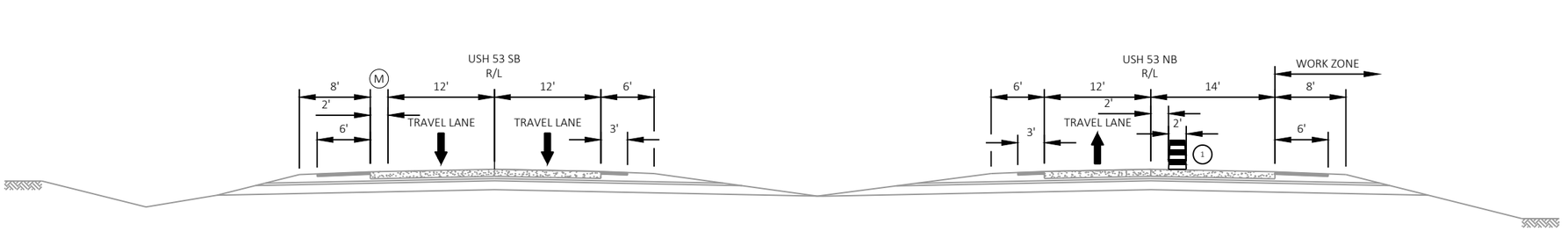
NOTE

(M) MIRROR USH 53 NB STAGE 5B TYPICAL SECTION TO COMPLETE RUMBLE STRIPS IN AREAS ADJACENT TO TEMPORARY CROSSOVER AT THE NORTH PROJECT LIMITS



STAGE 5A TYPICAL SECTION
USH 53

PROPOSED WORK STAGE 5A
REMOVE MEDIAN CROSSOVERS, REMOVE TEMPORARY OVER WIDENED NB PAVEMENT (AT 26TH AVE & 29 3/4TH AVE/30TH AVE), CONSTRUCT MEDIAN OPENINGS AND LEFT TURN LANES NB/SB THAT HAVE NOT COMPLETED IN PREVIOUS STAGES, CONSTRUCT REMAINING PASSING LANES NEAR NORTH PROJECT LIMITS, CONSTRUCT MEDIAN CABLE BARRIER, PLACE SHOULDER RUMBLE STRIPS AND PAVEMENT MARKING, REMOVE TEMPORARY EMERGENCY PULLOUTS ALONG USH 53 NB



STAGE 5B TYPICAL SECTION
USH 53

PROPOSED WORK STAGE 5B
PLACE SHOULDER RUMBLE STRIPS AND PAVEMENT MARKING

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON & WASHBURN	TRAFFIC CONTROL - TYPICAL SECTIONS	SHEET 80	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025001-TC.DWG
LAYOUT NAME - 04
PLOT DATE : 10/6/2022 12:48 PM PLOT BY : ERIK OLESON PLOT NAME : PLOT SCALE : 1 IN:15 FT

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 1A & REMOVED IN STAGE 5A UNLESS OTHERWISE NOTED
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 2

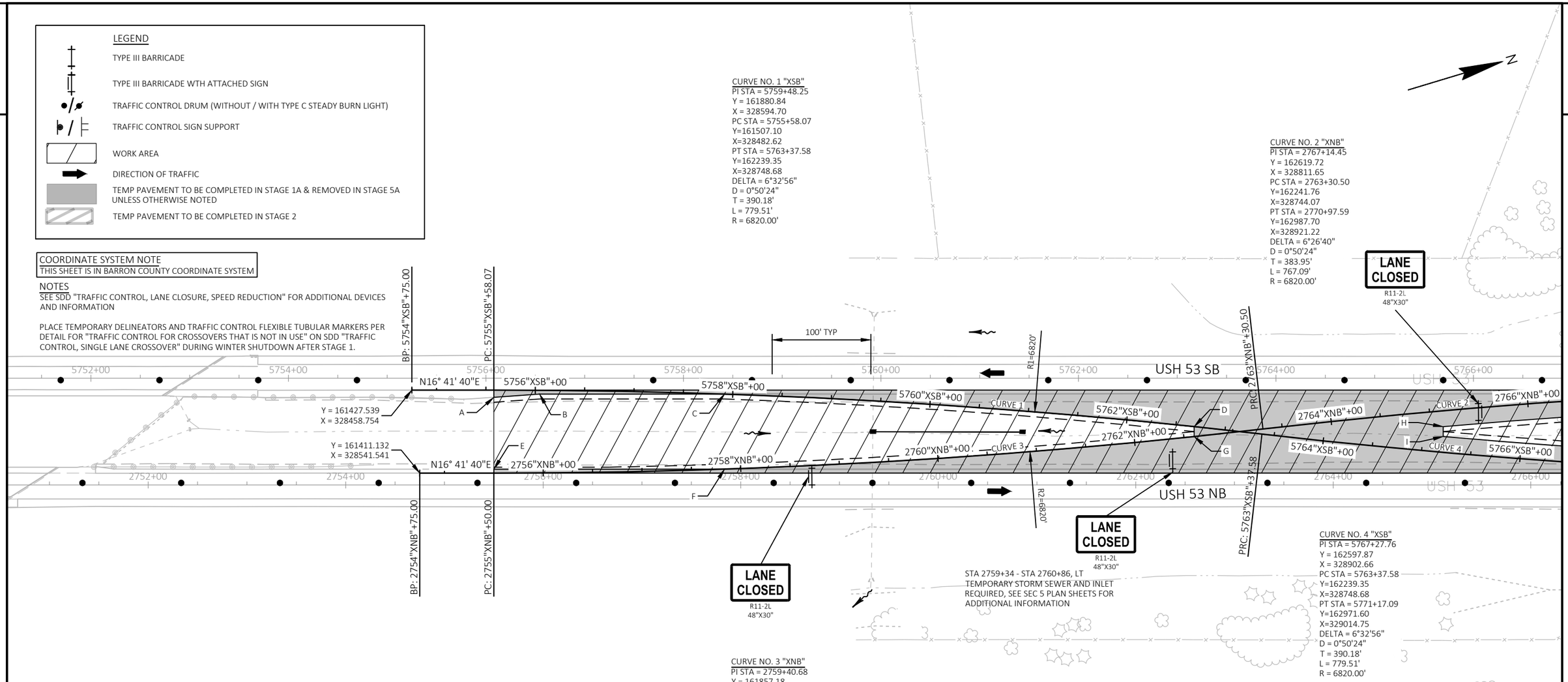
COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

NOTES
SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION

PLACE TEMPORARY DELINEATORS AND TRAFFIC CONTROL FLEXIBLE TUBULAR MARKERS PER DETAIL FOR "TRAFFIC CONTROL FOR CROSSOVERS THAT IS NOT IN USE" ON SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" DURING WINTER SHUTDOWN AFTER STAGE 1.

CURVE NO. 1 "XSB"
PI STA = 5759+48.25
Y = 161880.84
X = 328594.70
PC STA = 5755+58.07
Y=161507.10
X=328482.62
PT STA = 5763+37.58
Y=162239.35
X=328748.68
DELTA = 6°32'56"
D = 0°50'24"
T = 390.18'
L = 779.51'
R = 6820.00'

CURVE NO. 2 "XNB"
PI STA = 2767+14.45
Y = 162619.72
X = 328811.65
PC STA = 2763+30.50
Y=162241.76
X=328744.07
PT STA = 2770+97.59
Y=162987.70
X=328921.22
DELTA = 6°26'40"
D = 0°50'24"
T = 383.95'
L = 767.09'
R = 6820.00'



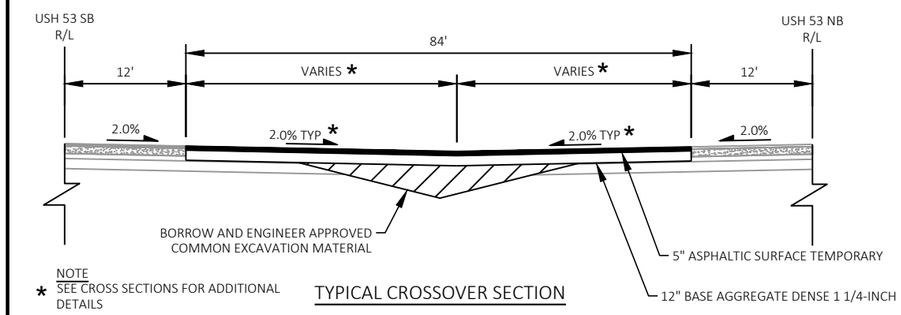
CURVE NO. 3 "XNB"
PI STA = 2759+40.68
Y = 161857.18
X = 328675.30
PC STA = 2755+50.00
Y=161482.97
X=328563.08
PT STA = 2763+30.50
Y=162241.76
X=328744.07
DELTA = 6°33'26"
D = 0°50'24"
T = 390.68'
L = 780.50'
R = 6820.00'

STA 2759+34 - STA 2760+86, LT
TEMPORARY STORM SEWER AND INLET REQUIRED, SEE SEC 5 PLAN SHEETS FOR ADDITIONAL INFORMATION

CURVE NO. 4 "XSB"
PI STA = 5767+27.76
Y = 162597.87
X = 328902.66
PC STA = 5763+37.58
Y=162239.35
X=328748.68
PT STA = 5771+17.09
Y=162971.60
X=329014.75
DELTA = 6°32'56"
D = 0°50'24"
T = 390.18'
L = 779.51'
R = 6820.00'

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	5756+08.07	19.28, RT
B	5756+54.33	16.00, RT
C	5758+41.61	16.00, RT
D	5763+17.25	48.97, RT
E	5756+08.07	92.00, RT
F	5758+41.61	92.00, RT
G	5763+17.25	59.03, RT
H	5765+69.37	48.95, RT
I	5765+69.37	58.99, RT

STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	5756+08.07	6832.00, RT
R2	5812+95.27	6266.60, LT



NOTE
* SEE CROSS SECTIONS FOR ADDITIONAL DETAILS

TYPICAL CROSSOVER SECTION

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 1A & 5A - TEMP CROSSOVER - SOUTH PROJECT LIMIT & 26TH AVE	SHEET 81	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025002-TC - ML SOUTH XO.DWG
LAYOUT NAME - 01
PLOT DATE : 10/7/2022 1:53 PM
PLOT BY : AUSTIN STRAHL
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 1 & REMOVED IN STAGE 5A UNLESS OTHERWISE NOTED
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 2

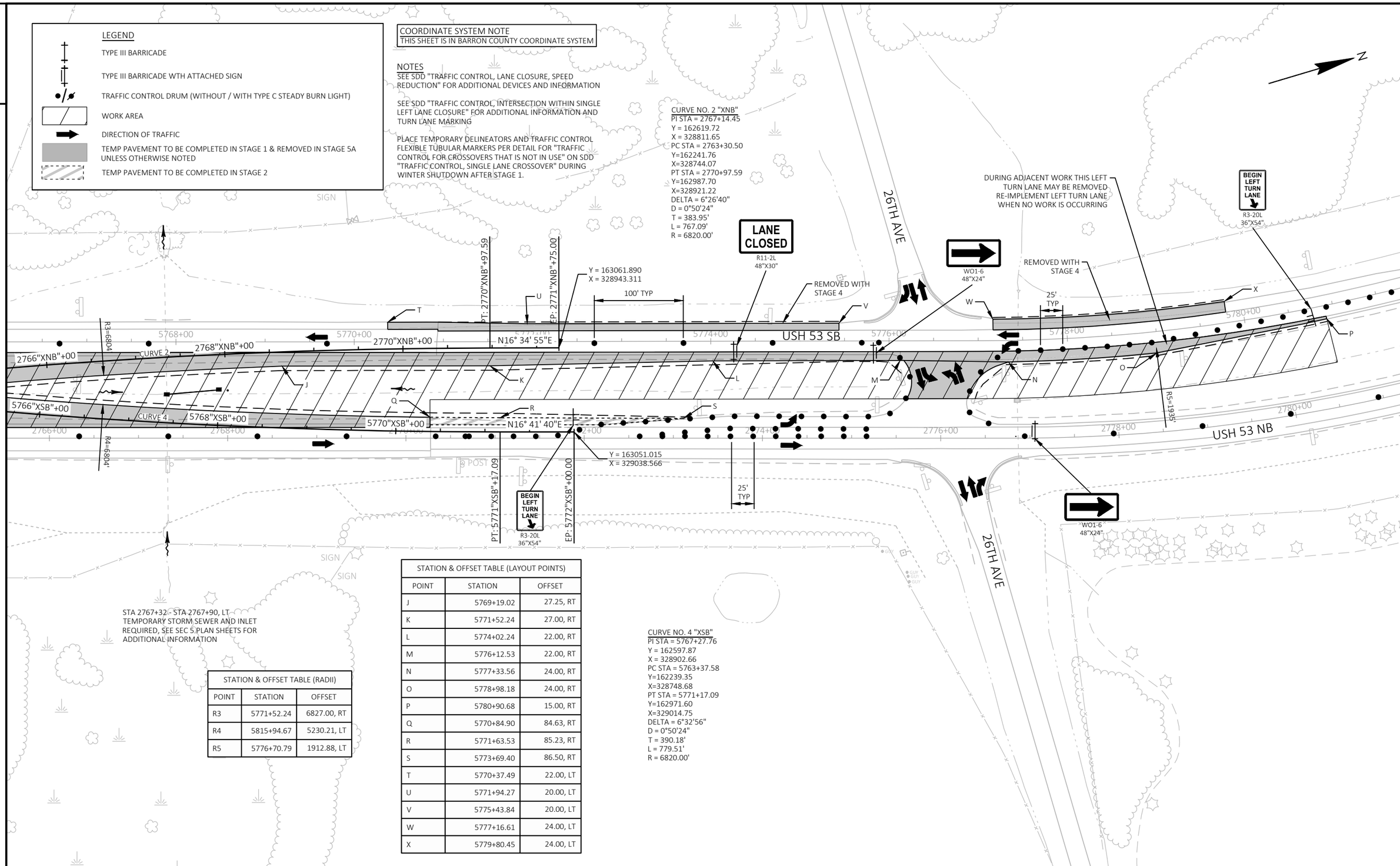
COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

NOTES
SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION

SEE SDD "TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LEFT LANE CLOSURE" FOR ADDITIONAL INFORMATION AND TURN LANE MARKING

PLACE TEMPORARY DELINEATORS AND TRAFFIC CONTROL FLEXIBLE TUBULAR MARKERS PER DETAIL FOR "TRAFFIC CONTROL FOR CROSSOVERS THAT IS NOT IN USE" ON SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" DURING WINTER SHUTDOWN AFTER STAGE 1.

CURVE NO. 2 "XNB"
PI STA = 2767+14.45
Y = 162619.72
X = 328811.65
PC STA = 2763+30.50
Y=162241.76
X=328744.07
PT STA = 2770+97.59
Y=162987.70
X=328921.22
DELTA = 6°26'40"
D = 0°50'24"
T = 383.95'
L = 767.09'
R = 6820.00'



STA 2767+32 - STA 2767+90, LT
TEMPORARY STORM SEWER AND INLET REQUIRED, SEE SEC 5 PLAN SHEETS FOR ADDITIONAL INFORMATION

STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R3	5771+52.24	6827.00, RT
R4	5815+94.67	5230.21, LT
R5	5776+70.79	1912.88, LT

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
J	5769+19.02	27.25, RT
K	5771+52.24	27.00, RT
L	5774+02.24	22.00, RT
M	5776+12.53	22.00, RT
N	5777+33.56	24.00, RT
O	5778+98.18	24.00, RT
P	5780+90.68	15.00, RT
Q	5770+84.90	84.63, RT
R	5771+63.53	85.23, RT
S	5773+69.40	86.50, RT
T	5770+37.49	22.00, LT
U	5771+94.27	20.00, LT
V	5775+43.84	20.00, LT
W	5777+16.61	24.00, LT
X	5779+80.45	24.00, LT

CURVE NO. 4 "XSB"
PI STA = 5767+27.76
Y = 162597.87
X = 328902.66
PC STA = 5763+37.58
Y=162239.35
X=328748.68
PT STA = 5771+17.09
Y=162971.60
X=329014.75
DELTA = 6°32'56"
D = 0°50'24"
T = 390.18'
L = 779.51'
R = 6820.00'

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 1A & 5A - TEMP CROSSOVER - SOUTH PROJECT LIMIT & 26TH AVE	SHEET 82	E

2

LEGEND

TYPE III BARRICADE

TYPE III BARRICADE WTH ATTACHED SIGN

TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)

TRAFFIC CONTROL SIGN SUPPORT

WORK AREA

DIRECTION OF TRAFFIC

TEMP PAVEMENT TO BE COMPLETED IN STAGE 1 & REMOVED IN STAGE 3

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

NOTES
SEE SDD "TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LANE CLOSURE" AND SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION

PLACE TEMPORARY DELINEATORS AND TRAFFIC CONTROL FLEXIBLE TUBULAR MARKERS PER DETAIL FOR "TRAFFIC CONTROL FOR CROSSOVERS THAT IS NOT IN USE" ON SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" DURING WINTER SHUTDOWN AFTER STAGE 1.

STA 5883+11 - STA 5884+15, RT
TEMPORARY STORM SEWER AND INLET REQUIRED, SEE SEC 5 PLAN SHEETS FOR ADDITIONAL INFORMATION

CURVE NO. 2 "AT"
PI STA = 112+07.48
Y = 173924.26
X = 326656.51
PC STA = 110+44.24
Y=173761.32
X=326666.43
PT STA = 113+70.17
Y=174084.15
X=326623.58
DELTA = 8°09'18"
D = 2°30'07"
T = 163.24'
L = 325.93'
R = 2290.00'
PROPOSED SE= NC-RC

BEAR CREEK

UNNAMED

WATERWAY

CTH V

CTH V

USH 53 SB / CTH V ENTRANCE

USH 53 NB / CTH V EXIT

USH 53 SB

USH 53 NB

W04-5

W04-1R

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

100' TYP

25' TYP

50' TYP

Y = 172732.398
X = 326837.212

BP: 100"AT"+00.00

Y = 172930.062
X = 326804.461

PI: 102"AT"+00.36

PC: 104"AT"+28.49

4" ASPHALTIC SURFACE TEMPORARY
10" BASE AGGREGATE DENSE 1 1/4-INCH

R1=3780'

PRC: 110"AT"+44.24

PRC: 113"AT"+70.17

EP: 115"AT"+00.00

104"AT"+00

CURVE 1

102"AT"+00

112"AT"+00

CURVE 2

CURVE 3

A N9° 24' 29"W B C N12° 50' 30"W D E F G H I

5872+00 5876+00 5880+00 5884+00 5888+00 5892+00 5896+00

2872+00 2876+00 2880+00 2884+00 2888+00 2892+00 2896+00

STATION & OFFSET TABLE (LAYOUT POINTS)

POINT	STATION	OFFSET	STATION	OFFSET
A	2876+42.54	59.00, LT	100"AT"+00.18	2.99, RT
B	2876+92.54	59.00, LT	100"AT"+50.09	0.00,
C	2878+42.54	50.00, LT	102"AT"+00.36	0.00,
D	2880+70.67	50.00, LT	104"AT"+28.49	0.00,
E	2884+31.55	48.76, LT	107"AT"+88.39	16.00, LT
F	2885+12.87	23.98, LT	108"AT"+71.72	0.00,
G	2886+59.23	19.97, LT	110"AT"+16.95	16.00, LT
H	2886+99.26	23.00, LT	110"AT"+55.98	25.37, LT
I	2887+07.83	23.00, LT	110"AT"+64.54	26.70, LT

STATION & OFFSET TABLE (RADII)

POINT	STATION	OFFSET	STATION	OFFSET
R1	2880+70.67	3720.00, RT	104"AT"+28.49	3770.00, RT

CURVE NO. 1 "AT"
PI STA = 107+37.05
Y = 173453.33
X = 326685.18
PC STA = 104+28.49
Y=173152.49
X=326753.76
PT STA = 110+44.24
Y=173761.32
X=326666.43
DELTA = 9°21'29"
D = 1°31'11"
T = 308.56'
L = 615.74'
R = 3770.00'
PROPOSED SE= NC-RC

CURVE NO. 3 "AT"
PI STA = 114+35.44
Y = 174148.07
X = 326610.41
PC STA = 113+70.17
Y=174084.15
X=326623.58
PT STA = 115+00.00
Y=174213.25
X=326613.77
DELTA = 14°35'08"
D = 11°14'04"
T = 65.27'
L = 129.83'
R = 510.00'
PROPOSED SE= NC

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL STAGE 1A & 3 - NB TEMPORARY EXIT RAMP - CTH V	SHEET 83	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025003-TC - STAGE 1 RAMPS.DWG
LAYOUT NAME - 03

PLOT DATE : 10/7/2022 8:58 AM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 1 & REMOVED IN STAGE 3

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

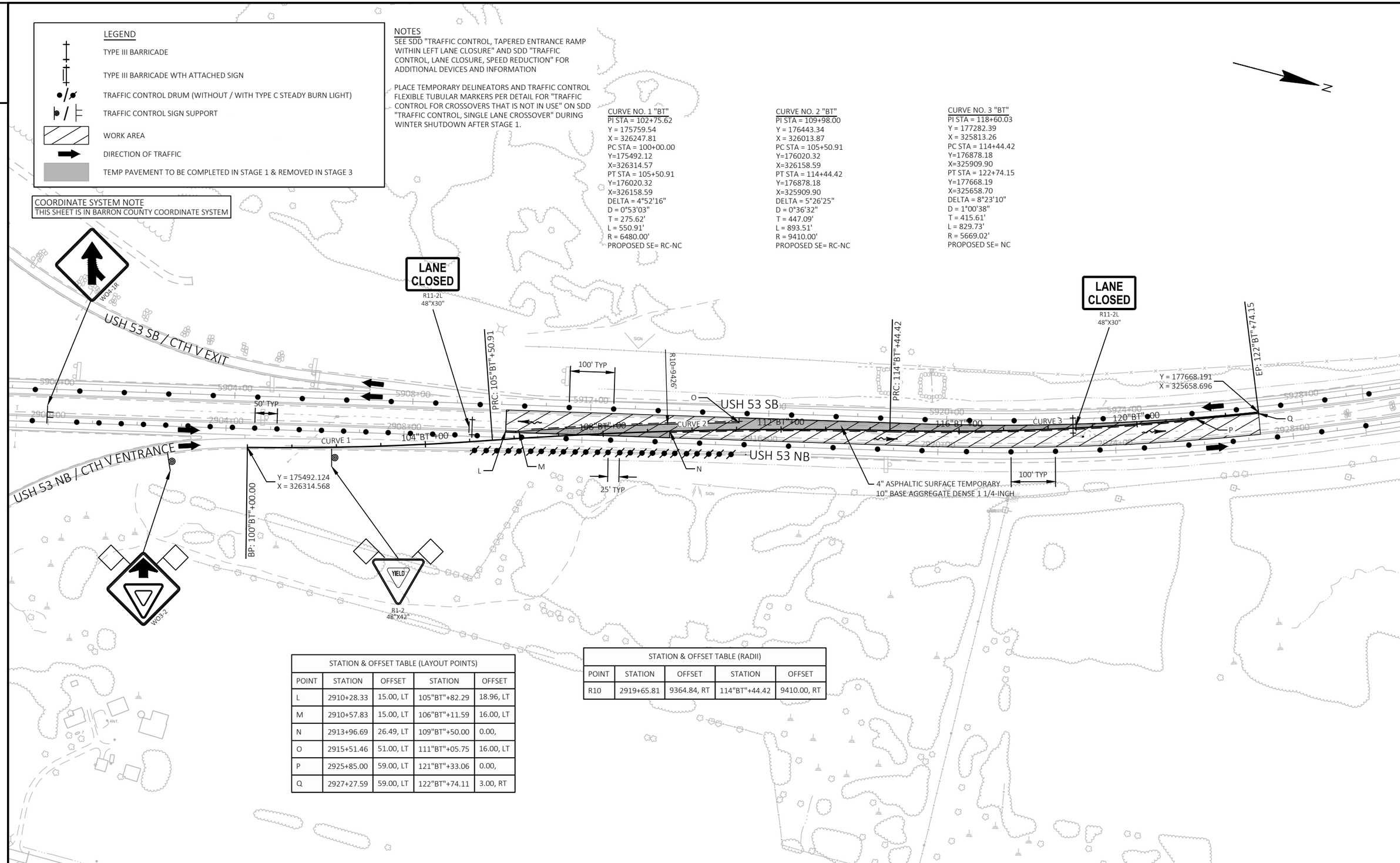
NOTES
SEE SDD "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LEFT LANE CLOSURE" AND SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION

PLACE TEMPORARY DELINEATORS AND TRAFFIC CONTROL FLEXIBLE TUBULAR MARKERS PER DETAIL FOR "TRAFFIC CONTROL FOR CROSSOVERS THAT IS NOT IN USE" ON SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" DURING WINTER SHUTDOWN AFTER STAGE 1.

CURVE NO. 1 "BT"
PI STA = 102+75.62
Y = 175759.54
X = 326247.81
PC STA = 100+00.00
Y=175492.12
X=326314.57
PT STA = 105+50.91
Y=176020.32
X=326158.59
DELTA = 4°52'16"
D = 0°53'03"
T = 275.62'
L = 550.91'
R = 6480.00'
PROPOSED SE= RC-NC

CURVE NO. 2 "BT"
PI STA = 109+98.00
Y = 176443.34
X = 326013.87
PC STA = 105+50.91
Y=176020.32
X=326158.59
PT STA = 114+44.42
Y=176878.18
X=325909.90
DELTA = 5°26'25"
D = 0°36'32"
T = 447.09'
L = 893.51'
R = 9410.00'
PROPOSED SE= RC-NC

CURVE NO. 3 "BT"
PI STA = 118+60.03
Y = 177282.39
X = 325813.26
PC STA = 114+44.42
Y=176878.18
X=325909.90
PT STA = 122+74.15
Y=177668.19
X=325658.70
DELTA = 8°23'10"
D = 1°00'38"
T = 415.61'
L = 829.73'
R = 5669.02'
PROPOSED SE= NC



STATION & OFFSET TABLE (LAYOUT POINTS)				
POINT	STATION	OFFSET	STATION	OFFSET
L	2910+28.33	15.00, LT	105"BT"+82.29	18.96, LT
M	2910+57.83	15.00, LT	106"BT"+11.59	16.00, LT
N	2913+96.69	26.49, LT	109"BT"+50.00	0.00,
O	2915+51.46	51.00, LT	111"BT"+05.75	16.00, LT
P	2925+85.00	59.00, LT	121"BT"+33.06	0.00,
Q	2927+27.59	59.00, LT	122"BT"+74.11	3.00, RT

STATION & OFFSET TABLE (RADII)				
POINT	STATION	OFFSET	STATION	OFFSET
R10	2919+65.81	9364.84, RT	114"BT"+44.42	9410.00, RT

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL STAGE 1A & 3 - NB TEMPORARY ENTRANCE RAMP - CTH V	SHEET 84	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025003-TC - STAGE 1 RAMPS.DWG
LAYOUT NAME - 04
PLOT DATE : 10/7/2022 8:58 AM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- EXISTING CROSSOVER (REMOVE IN STAGE 5A)
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 2

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

NOTES
SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION

REMOVAL OF THE WHITE FLEXIBLE TUBULAR MARKERS PLACED DURING A PREVIOUS PROJECT IS NECESSARY PRIOR TO USE OF THE NORTH PROJECT LIMIT TEMPORARY CROSSOVER IN YEAR 2.

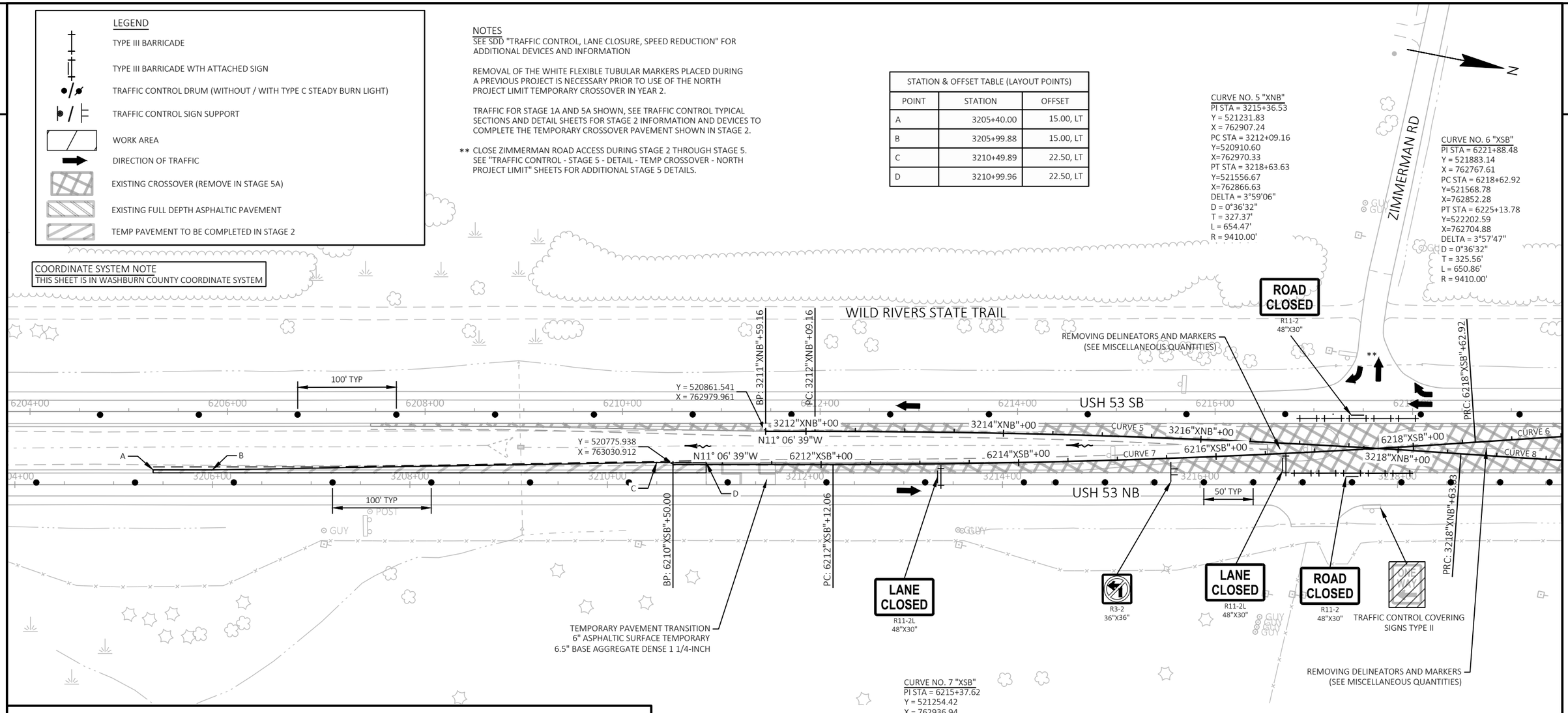
TRAFFIC FOR STAGE 1A AND 5A SHOWN, SEE TRAFFIC CONTROL TYPICAL SECTIONS AND DETAIL SHEETS FOR STAGE 2 INFORMATION AND DEVICES TO COMPLETE THE TEMPORARY CROSSOVER PAVEMENT SHOWN IN STAGE 2.

** CLOSE ZIMMERMAN ROAD ACCESS DURING STAGE 2 THROUGH STAGE 5. SEE "TRAFFIC CONTROL - STAGE 5 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT" SHEETS FOR ADDITIONAL STAGE 5 DETAILS.

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	3205+40.00	15.00, LT
B	3205+99.88	15.00, LT
C	3210+49.89	22.50, LT
D	3210+99.96	22.50, LT

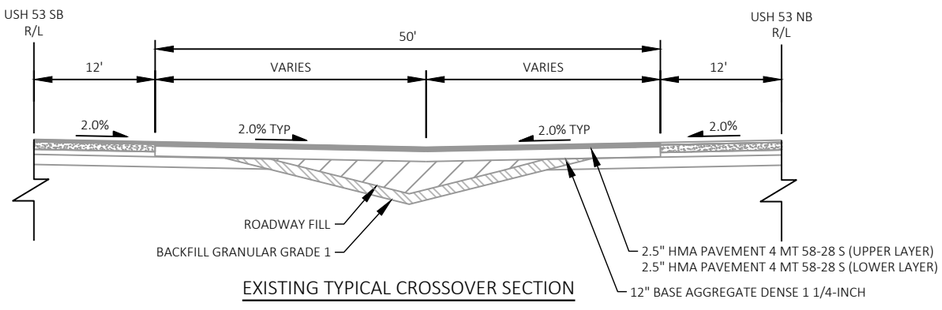
CURVE NO. 5 "XNB"
PI STA = 3215+36.53
Y = 521231.83
X = 762907.24
PC STA = 3212+09.16
Y=520910.60
X=762970.33
PT STA = 3218+63.63
Y=521556.67
X=762866.63
DELTA = 3°59'06"
D = 0°36'32"
T = 327.37'
L = 654.47'
R = 9410.00'

CURVE NO. 6 "XSB"
PI STA = 6221+88.48
Y = 521883.14
X = 762767.61
PC STA = 6218+62.92
Y=521568.78
X=762852.28
PT STA = 6225+13.78
Y=522202.59
X=762704.88
DELTA = 3°57'47"
D = 0°36'32"
T = 325.56'
L = 650.86'
R = 9410.00'



CURVE NO. 7 "XSB"
PI STA = 6215+37.62
Y = 521254.42
X = 762936.94
PC STA = 6212+12.06
Y=520934.96
X=762999.68
PT STA = 6218+62.92
Y=521568.78
X=762852.28
DELTA = 3°57'47"
D = 0°36'32"
T = 325.56'
L = 650.86'
R = 9410.00'

CURVE NO. 8 "XNB"
PI STA = 3221+91.00
Y = 521881.51
X = 762826.02
PC STA = 3218+63.63
Y=521556.67
X=762866.63
PT STA = 3225+18.10
Y=522202.74
X=762762.94
DELTA = 3°59'06"
D = 0°36'32"
T = 327.37'
L = 654.47'
R = 9410.00'



EXISTING TYPICAL CROSSOVER SECTION

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1A & 5A - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 85	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025004-TC - ML NORTH XO.DWG
LAYOUT NAME - 05
PLOT DATE : 10/10/2022 12:08 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

TYPE III BARRICADE

TYPE III BARRICADE WTH ATTACHED SIGN

TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)

TRAFFIC CONTROL SIGN SUPPORT

WORK AREA

DIRECTION OF TRAFFIC

EXISTING CROSSOVER (REMOVE IN STAGE 5A)

EXISTING FULL DEPTH ASPHALTIC PAVEMENT

TEMP PAVEMENT TO BE COMPLETED IN STAGE 2

NOTES

SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION

REMOVAL OF THE WHITE FLEXIBLE TUBULAR MARKERS PLACED DURING A PREVIOUS PROJECT IS NECESSARY PRIOR TO USE OF THE NORTH PROJECT LIMIT TEMPORARY CROSSOVER IN YEAR 2.

TRAFFIC FOR STAGE 1A AND 5A SHOWN, SEE TRAFFIC CONTROL TYPICAL SECTIONS AND DETAIL SHEETS FOR STAGE 2 INFORMATION AND DEVICES TO COMPLETE THE TEMPORARY CROSSOVER PAVEMENT SHOWN IN STAGE 2.

N

CURVE NO. 6 "XSB"
PI STA = 6221+88.48
Y = 521883.14
X = 762767.61
PC STA = 6218+62.92
Y=521568.78
X=762852.28
PT STA = 6225+13.78
Y=522202.59
X=762704.88
DELTA = 3°57'47"
D = 0°36'32"
T = 325.56'
L = 650.86'
R = 9410.00'

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

ZIMMERMAN RD

WILD RIVERS STATE TRAIL

R3-2
36"X36"

LANE CLOSED
R11-2L
48"X30"

EXISTING CROSSOVER WIDENING
EXTENDS TO STA 6236+10

PRC: 6218"XSB"+62.92

PT: 6225"XSB"+13.78

EP: 6226"XSB"+00.00

Y = 522287.195
X = 762688.261

EP: 3227"XNB"+50.00

POST

100' TYP

6218"XSB"+00

6220"XSB"+00

6222"XSB"+00

6224"XSB"+00

N11° 06' 39"W

USH 53 SB

CURVE 6

CURVE 8

3218"XNB"+00

3220"XNB"+00

3222"XNB"+00

3224"XNB"+00

3226"XNB"+00

N11° 06' 39"W

USH 53 NB

Y = 522430.294
X = 762718.247

100' TYP

PRC: 3218"XNB"+63.63

REMOVING DELINEATORS AND MARKERS
(SEE MISCELLANEOUS QUANTITIES)

PT: 3225"XNB"+18.10

EXISTING CROSSOVER WIDENING
EXTENDS TO STA 3236+10

CURVE NO. 8 "XNB"
PI STA = 3221+91.00
Y = 521881.51
X = 762826.02
PC STA = 3218+63.63
Y=521556.67
X=762866.63
PT STA = 3225+18.10
Y=522202.74
X=762762.94
DELTA = 3°59'06"
D = 0°36'32"
T = 327.37'
L = 654.47'
R = 9410.00'

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1A & 5A - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 86	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025004-TC - ML NORTH XO.DWG
LAYOUT NAME - 06

PLOT DATE : 10/10/2022 12:08 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

LEGEND

TYPE III BARRICADE

TYPE III BARRICADE WTH ATTACHED SIGN

TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)

TRAFFIC CONTROL SIGN SUPPORT

WORK AREA

DIRECTION OF TRAFFIC

TEMP PAVEMENT TO BE COMPLETED IN STAGE 3 & REMOVED IN STAGE 5A

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

NOTE
SEE SDD "TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LANE CLOSURE" AND SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION

STA 5883+11 - STA 5883+58, RT
TEMPORARY STORM SEWER AND INLET REQUIRED, SEE SEC 5 PLAN SHEETS FOR ADDITIONAL INFORMATION

CURVE NO. 2 "DT"
PI STA = 115+86.20
Y = 173958.12
X = 326521.90
PC STA = 114+29.92
Y=173811.30
X=326575.40
PT STA = 117+42.21
Y=174109.55
X=326483.28
DELTA = 5°42'59"
D = 1°49'50"
T = 156.27'
L = 312.28'
R = 3130.00'
PROPOSED SE= RC

CURVE NO. 1 "DT"
PI STA = 110+93.29
Y = 173494.44
X = 326690.86
PC STA = 107+56.06
Y=173167.31
X=326772.81
PT STA = 114+29.92
Y=173811.30
X=326575.40
DELTA = 5°57'30"
D = 0°53'03"
T = 337.24'
L = 673.87'
R = 6480.00'
PROPOSED SE= NC-RC

STATION & OFFSET TABLE (LAYOUT POINTS)				
POINT	STATION	OFFSET	STATION	OFFSET
A	2873+25.00	15.00, LT	100"DT"+00.06	3.00, LT
B	2874+65.62	15.00, LT	101"DT"+40.66	0.00,
C	2883+71.92	24.85, LT	110"DT"+46.33	16.00, RT
D	2885+03.72	50.98, LT	111"DT"+79.58	0.00,
E	2887+57.84	59.00, LT	114"DT"+32.79	18.97, RT

STATION & OFFSET TABLE (RADII)				
POINT	STATION	OFFSET	STATION	OFFSET
R6	2879+42.68	6506.65, LT	107"DT"+56.06	6480.00, LT

BEAR CREEK
UNNAMED
WATERWAY
CTH V
USH 53 SB
USH 53 NB
USH 53 SB / CTH V EXIT
USH 53 SB / CTH V ENTRANCE
USH 53 NB / CTH V EXIT
USH 53 NB/CTH V ENTRANCE
N
WO4-5
WO4-1R
LANE CLOSED
R11-2L
48"X30"
BP: 100"DT"+00.00
PRC: 114"DT"+29.92
EP: 117"DT"+42.21
PC: 107"DT"+56.06
100' TYP
25' TYP
50' TYP
R6=6496
CURVE 1
CURVE 2
A
B
C
D
E
104"DT"+00
108"DT"+00
112"DT"+00
116"DT"+00
N14° 03' 49"W
Y = 172433.916
X = 326956.536
Y = 174109.549
X = 326483.283
4" ASPHALTIC SURFACE TEMPORARY
10" BASE AGGREGATE DENSE 1 1/4-INCH
5872+00
5876+00
5880+00
5884+00
5888+00
5892+00
5896+00

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL STAGE 3 & 5A - SB TEMP ENTRANCE RAMP - CTH V	SHEET 87	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025005-TC - STAGE 3 RAMPS.DWG
LAYOUT NAME - 03
PLOT DATE : 2/1/2022 11:19 AM
PLOT BY : DREW NELSON
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

2

2

LEGEND

TYPE III BARRICADE

TYPE III BARRICADE WTH ATTACHED SIGN

TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)

TRAFFIC CONTROL SIGN SUPPORT

WORK AREA

DIRECTION OF TRAFFIC

TEMP PAVEMENT TO BE COMPLETED IN STAGE 3 & REMOVED IN STAGE 5A

NOTE
SEE SDD "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE" AND SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

N

W04-1R

USH 53 SB / CTH V EXIT

USH 53 NB/CTH V ENTRANCE

100' TYP

50' TYP

25' TYP

BP: 100"CT"+00.00

Y = 176125.715
X = 326036.938

N8° 26' 54"W

104"CT"+00

A

B

C

D

E

F

G

LANE CLOSED
R11-2L
48"X30"

USH 53 SB

PC: 107"CT"+06.94

108"CT"+00

PCC: 110"CT"+17.71

CURVE 1

CURVE 2

112"CT"+00

PT: 113"CT"+21.33

PI: 114"CT"+71.08

EP: 115"CT"+20.95

USH 53 NB

Y = 177420.599
X = 325785.273

100' TYP

4" ASPHALTIC SURFACE TEMPORARY
10" BASE AGGREGATE DENSE 1 1/4-INCH

STA 2915+66 - STA 2919+54, LT
TEMPORARY STORM SEWER AND INLET
REQUIRED, SEE SEC 5 PLAN SHEETS FOR
ADDITIONAL INFORMATION

LANE CLOSED
R11-2L
48"X30"

YIELD
R1-2
48"X42"

W03-2

CURVE NO. 1 "CT"
PI STA = 108+62.49
Y = 176978.84
X = 325910.23
PC STA = 107+06.94
Y=176824.99
X=325933.08
PT STA = 110+17.71
Y=177129.24
X=325870.53
DELTA = 6°20'12"
D = 2°02'20"
T = 155.54'
L = 310.77'
R = 2810.00'
PROPOSED SE= 4.0%

CURVE NO. 2 "CT"
PI STA = 111+69.56
Y = 177276.05
X = 325831.78
PC STA = 110+17.71
Y=177129.24
X=325870.53
PT STA = 113+21.33
Y=177420.60
X=325785.27
DELTA = 3°03'06"
D = 1°00'18"
T = 151.84'
L = 303.62'
R = 5700.30'
PROPOSED SE= 4.0%

STATION & OFFSET TABLE (LAYOUT POINTS)				
POINT	STATION	OFFSET	STATION	OFFSET
A	2912+59.34	59.00, LT	101"CT"+32.34	18.99, RT
B	2912+98.39	59.00, LT	101"CT"+71.27	16.00, RT
C	2916+11.54	54.00, LT	104"CT"+83.89	3.00, LT
D	2917+66.81	23.01, LT	106"CT"+41.07	16.00, RT
E	2924+50.00	24.00, LT	113"CT"+21.33	0.00,
F	2926+00.00	15.00, LT	114"CT"+71.08	0.00,
G	2926+50.00	15.00, LT	0+00.00	0.00,

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL STAGE 3 & 5A - SB TEMP EXIT RAMP - CTH V	SHEET 88	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025005-TC - STAGE 3 RAMPS.DWG
LAYOUT NAME - 04

PLOT DATE : 2/1/2022 11:20 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

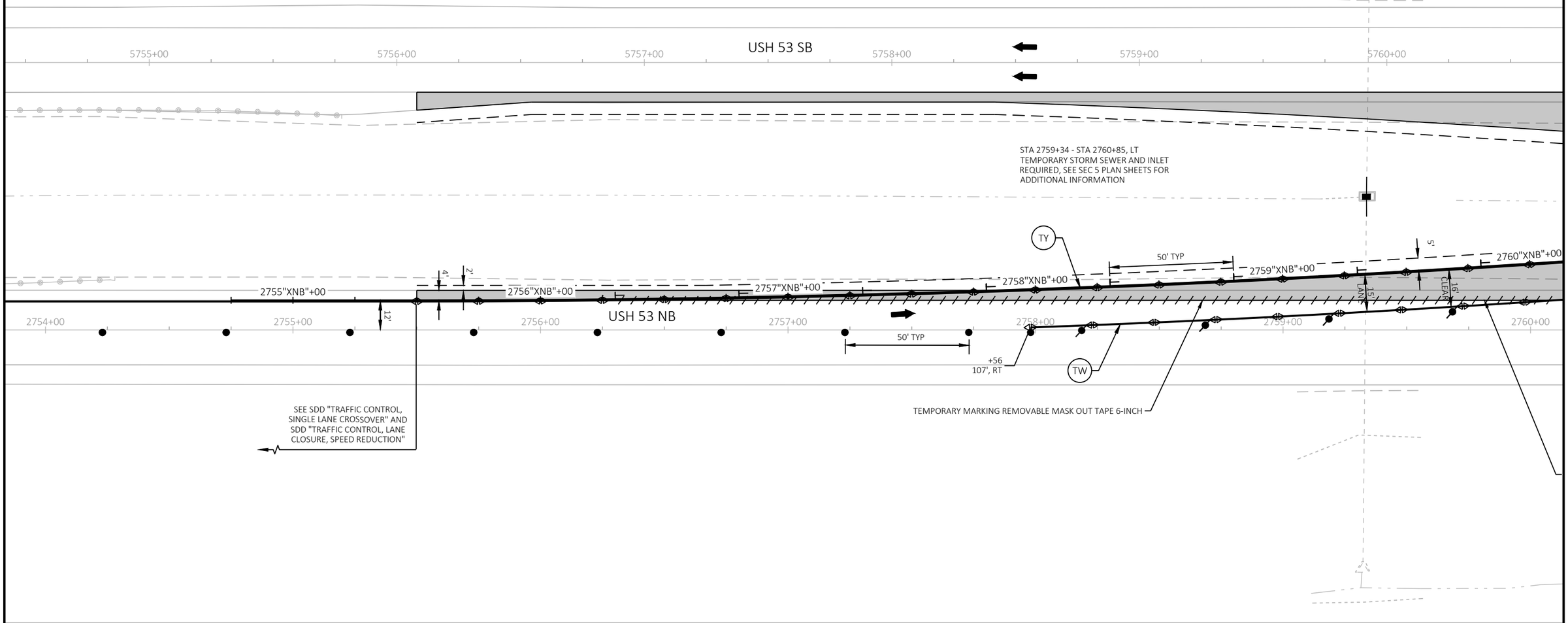
NOTES

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" FOR ADDITIONAL INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - S PROJECT LIMIT & 26TH AVE	SHEET 89	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 01

PLOT DATE : 10/11/2022 8:21 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

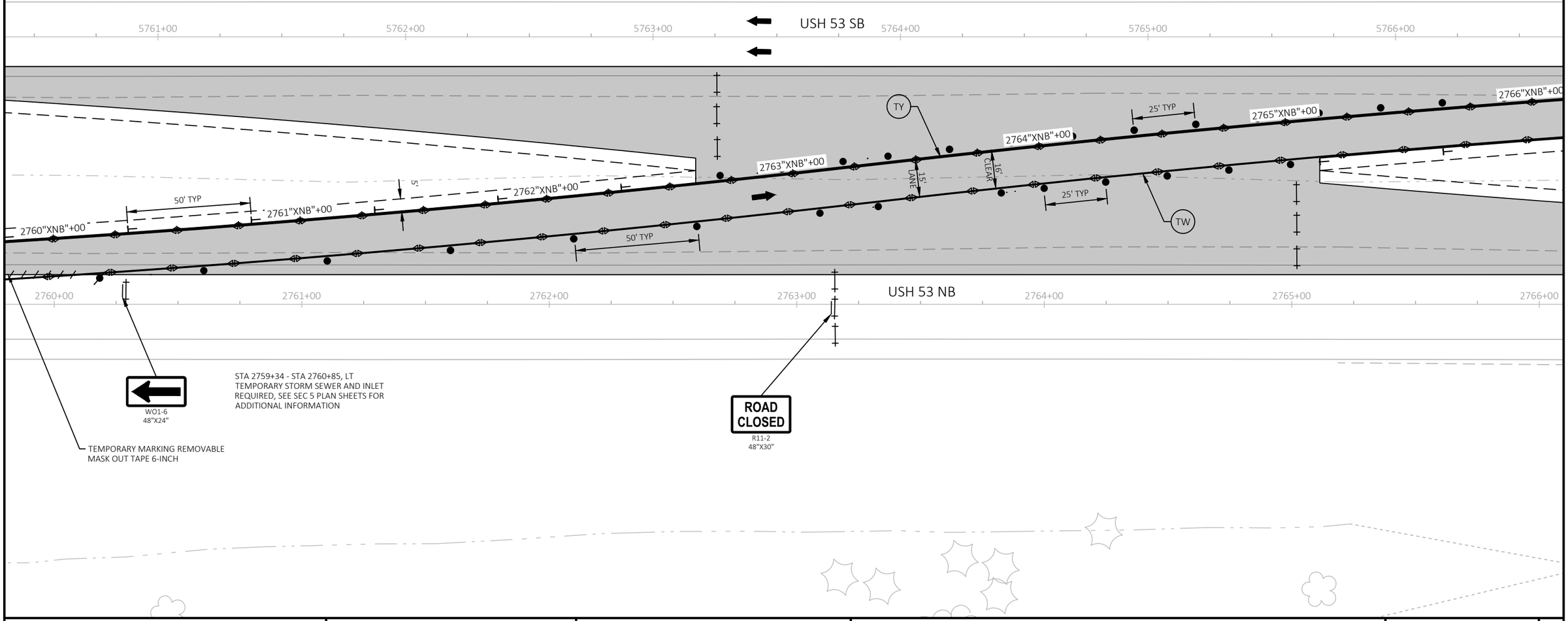
SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" FOR ADDITIONAL INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

N



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - S PROJECT LIMIT & 26TH AVE	SHEET 90	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 02

PLOT DATE : 10/11/2022 8:21 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

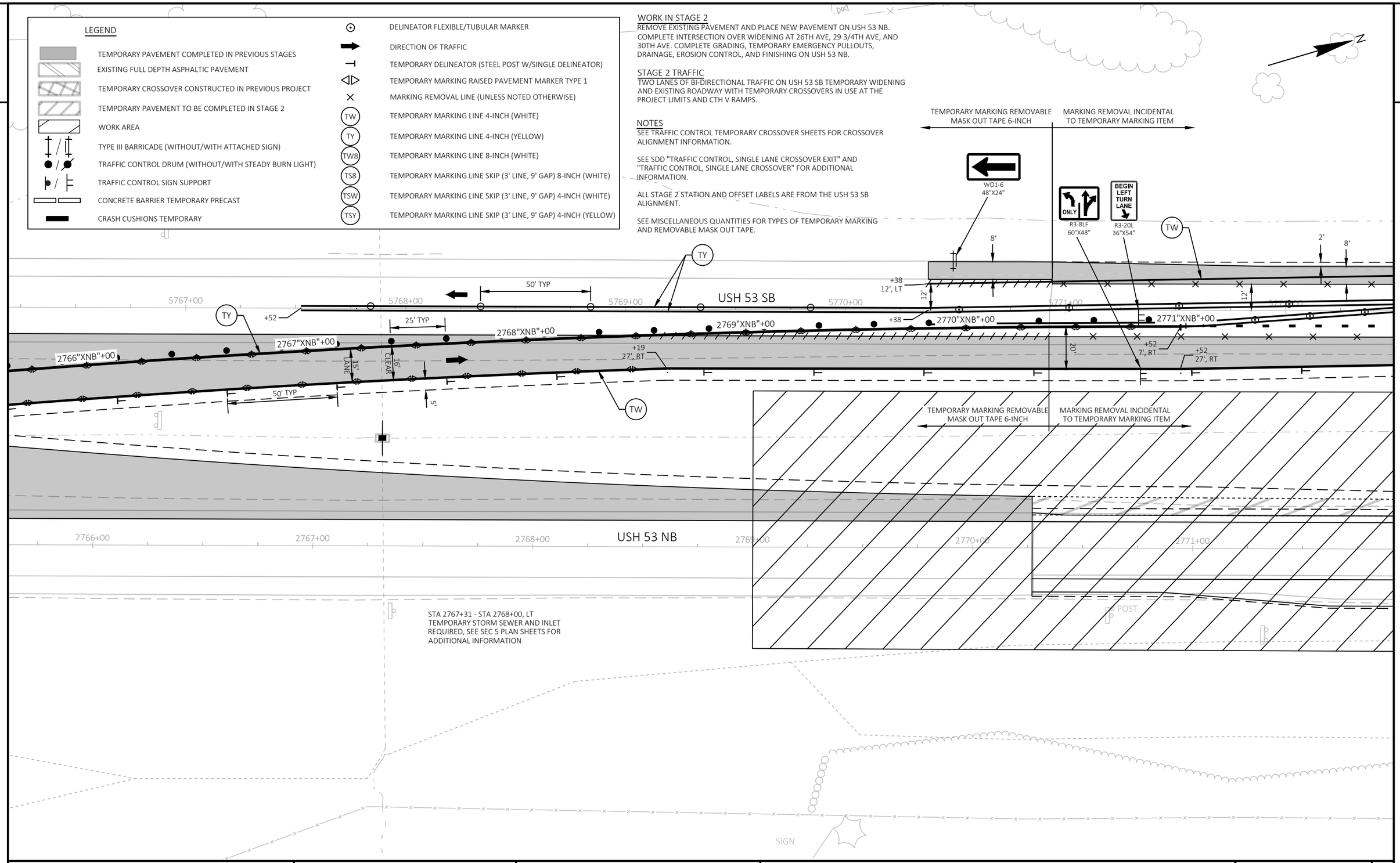
NOTES

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT" AND "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" FOR ADDITIONAL INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - S PROJECT LIMIT & 26TH AVE	SHEET 91	E

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

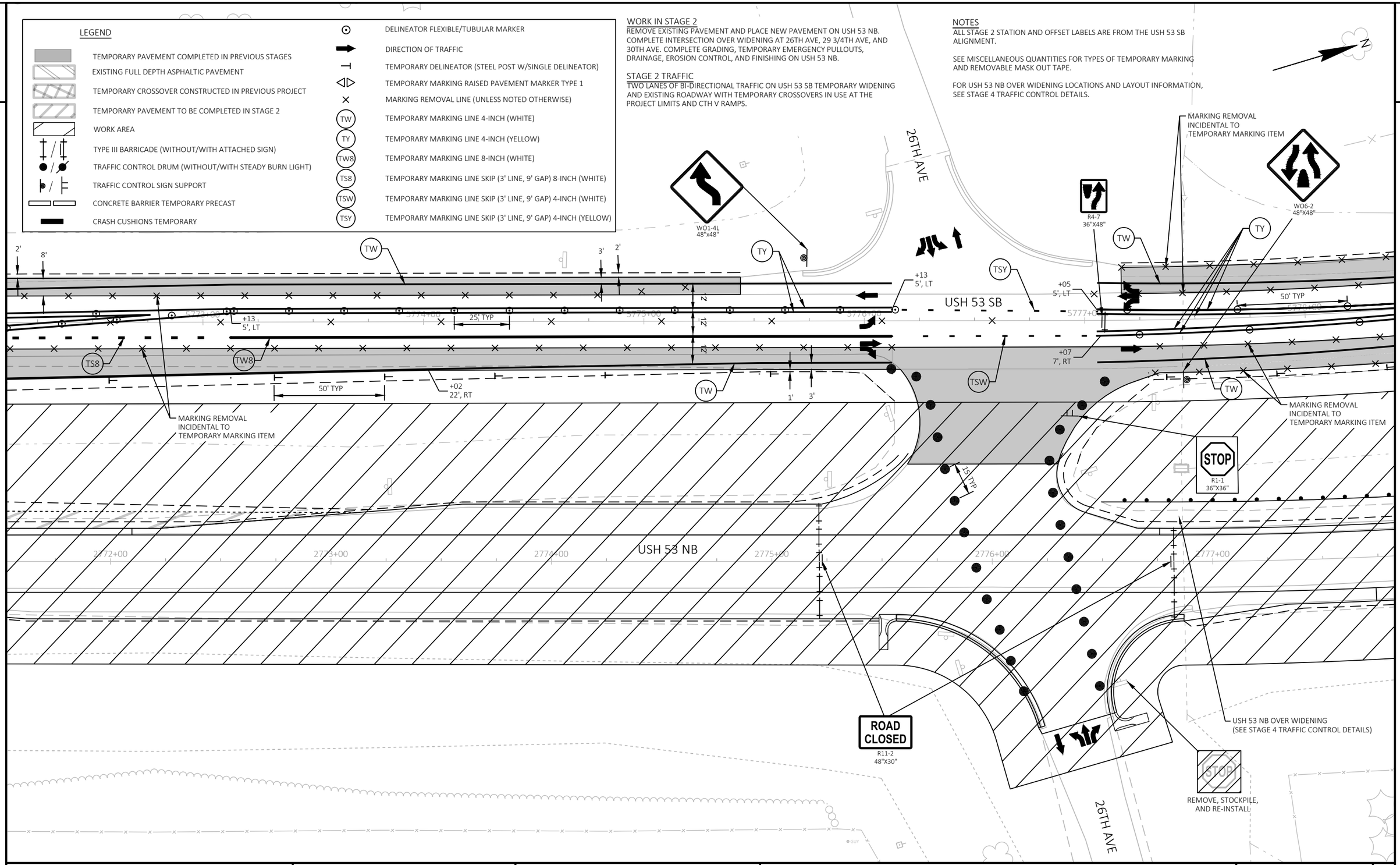
NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

FOR USH 53 NB OVER WIDENING LOCATIONS AND LAYOUT INFORMATION, SEE STAGE 4 TRAFFIC CONTROL DETAILS.

N



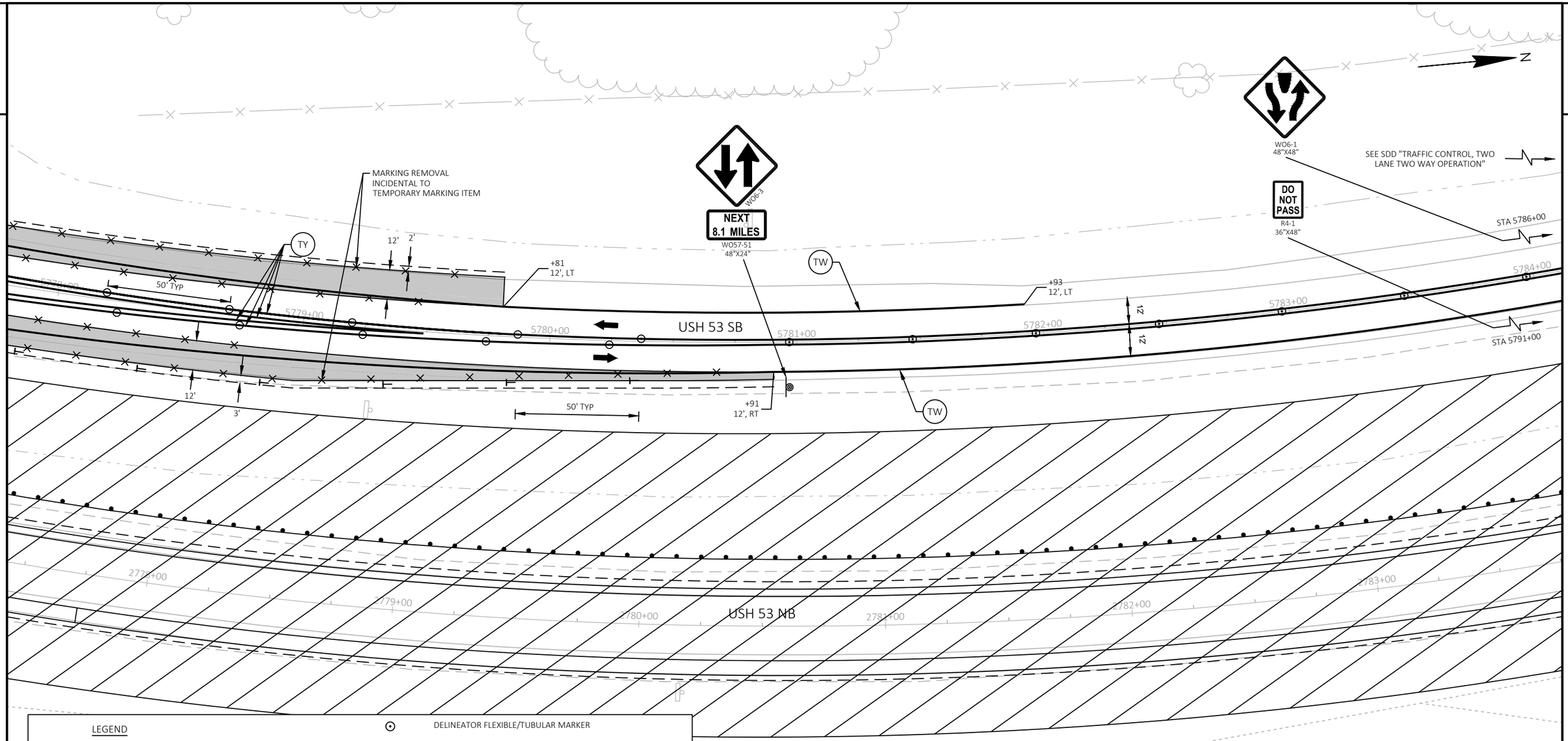
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - S PROJECT LIMIT & 26TH AVE	SHEET 92	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 04

PLOT DATE : 10/11/2022 8:22 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TS8) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

FOR USH 53 NB OVER WIDENING LOCATIONS AND LAYOUT INFORMATION, SEE STAGE 4 TRAFFIC CONTROL DETAILS.

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - S PROJECT LIMIT & 26TH AVE	SHEET 93	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 05
PLOT DATE : 10/11/2022 8:22 AM
PLOT BY : NICHOLAS WIEDERIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENIN AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION.

SEE SDD "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" FOR ADDITIONAL INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

N

DO NOT PASS
R4-1
36"X48"

SEE SDD "TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION"

STA 5868+25

WO6-3
NEXT 2.0 MILES
WO57-51
48"X24"

TY

BP: 100"AT"+00.00

PI: 102"AT"+00.36

PC: 104"AT"+28.49

5875+00 5876+00 5877+00 5878+00 5879+00 5880+00

USH 53 SB

12' 12'

50' TYP

25' TYP

101"AT"+00 102"AT"+00 103"AT"+00 104"AT"+00

12'

+25 15', RT

+75 15', RT

+25 24', RT

STA 5867+50

MARKING REMOVAL INCIDENTAL TO TEMPORARY MARKING ITEM

MARKING REMOVAL LINE

TW

USH 53 NB

2875+00 2876+00 2877+00 2878+00 2879+00 2880+00

COUNTY V
M1-5A
36"X36"

M5-2R
30"X30"

COUNTY V
M1-5A
36"X36"

M6-2
30"X30"

EXIT 35 MPH
WO13-2
48"X60"

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - NB TEMP EXIT RAMP - CTH V	SHEET 94	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 06

PLOT DATE : 10/11/2022 8:23 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

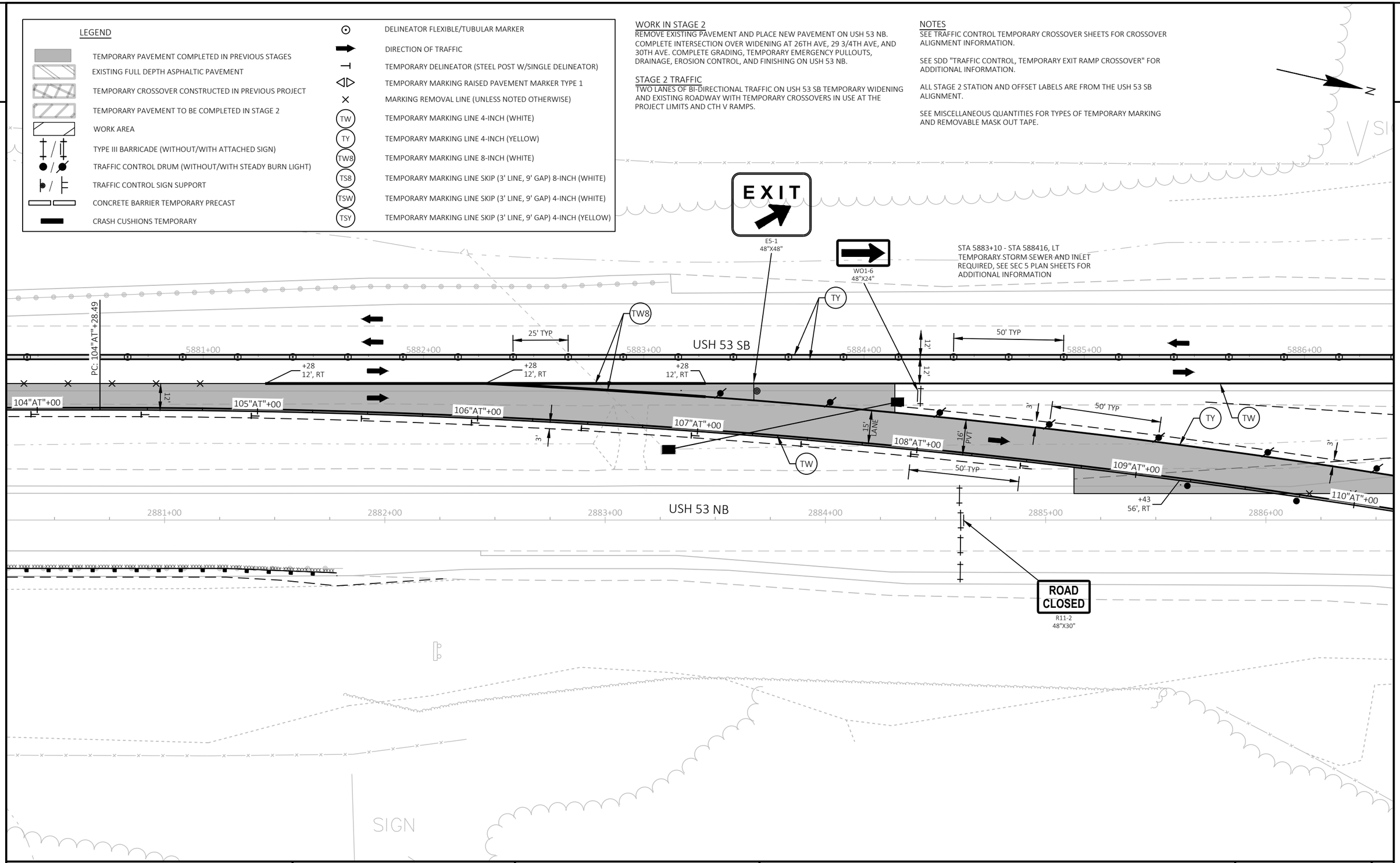
NOTES

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION.

SEE SDD "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" FOR ADDITIONAL INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - NB TEMP EXIT RAMP - CTH V	SHEET 95	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 07

PLOT DATE : 10/11/2022 8:23 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

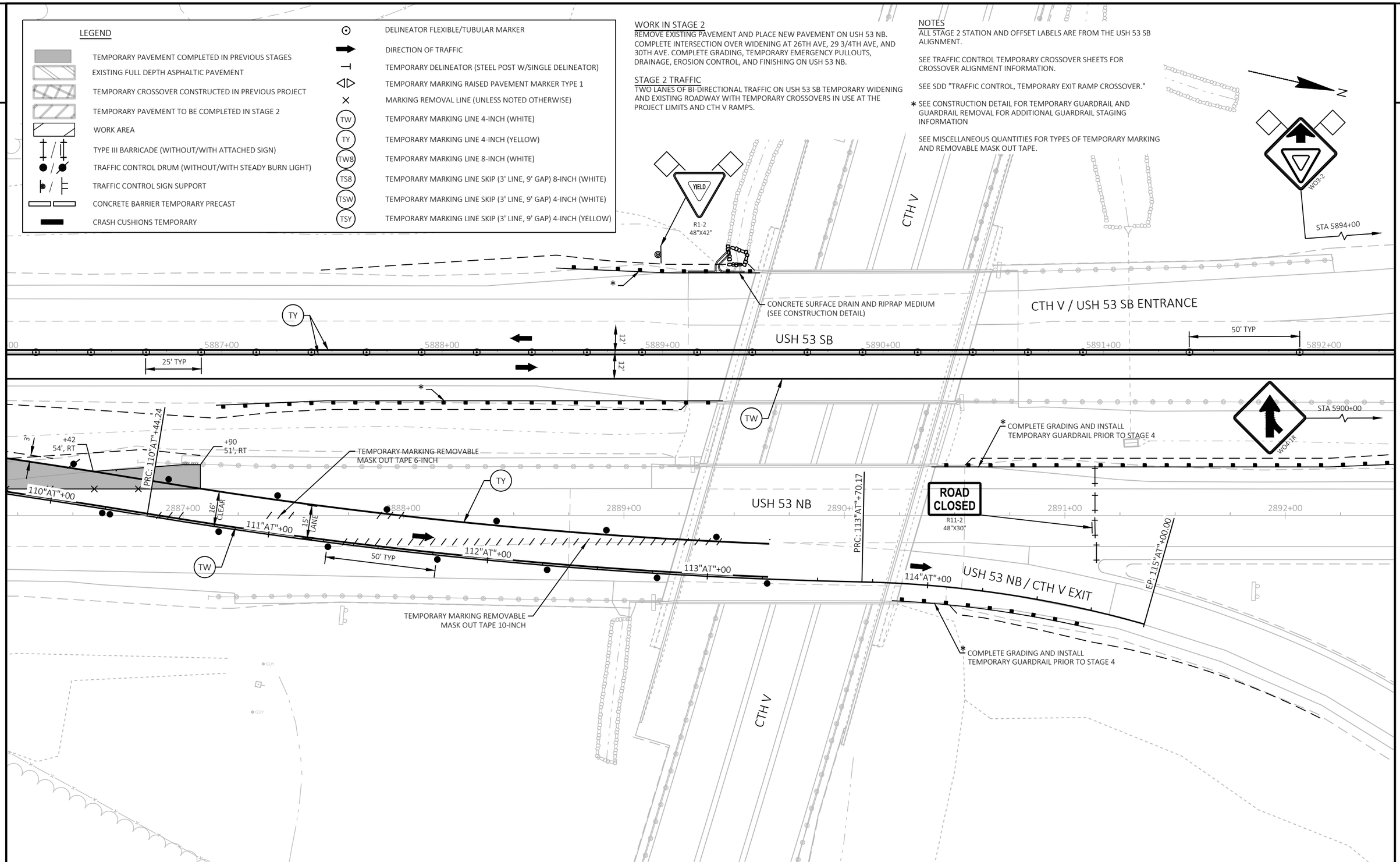
ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION.

SEE SDD "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER."

* SEE CONSTRUCTION DETAIL FOR TEMPORARY GUARDRAIL AND GUARDRAIL REMOVAL FOR ADDITIONAL GUARDRAIL STAGING INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - NB TEMP EXIT RAMP - CTH V	SHEET 96	E

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

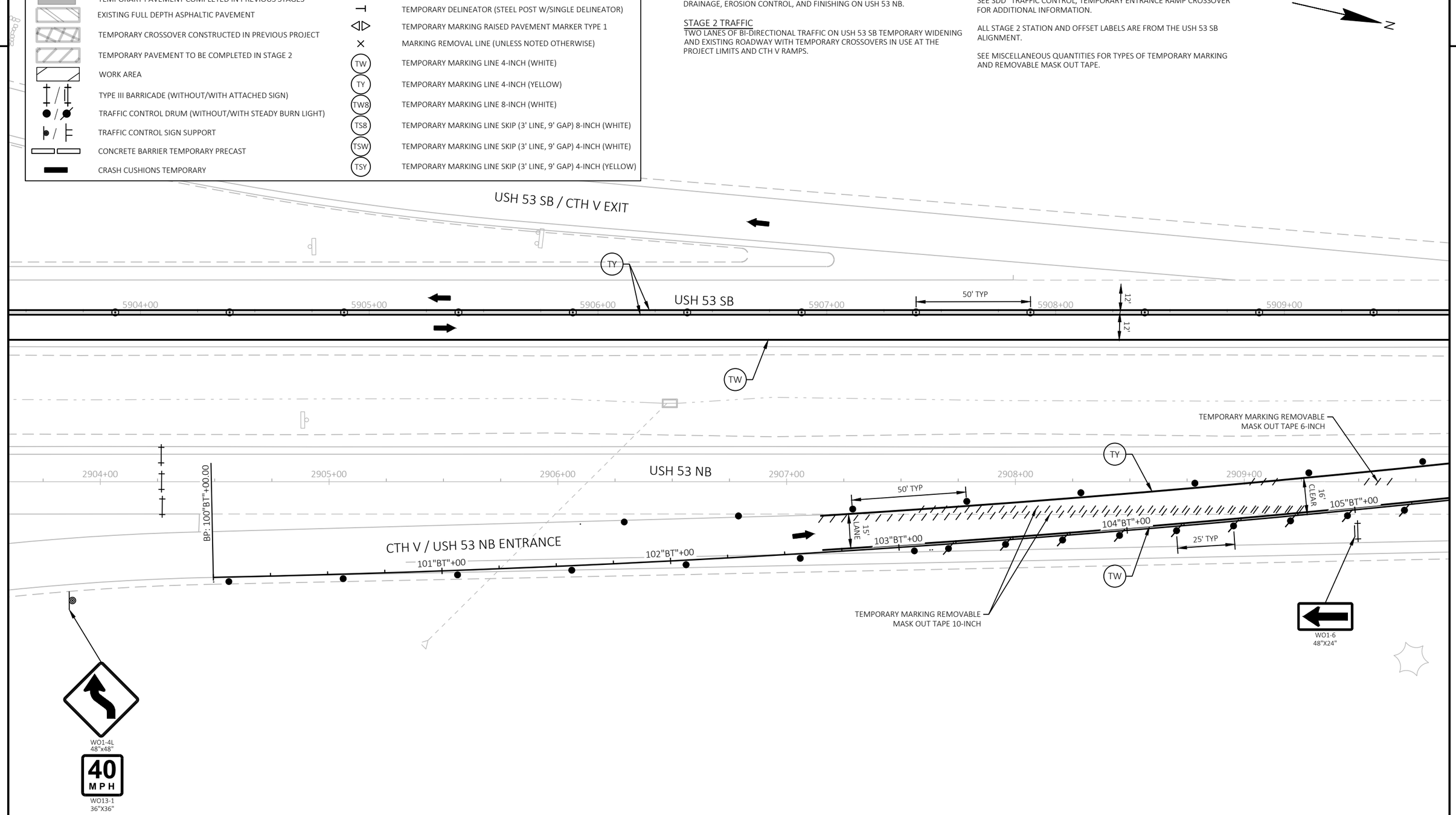
SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION.

SEE SDD "TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER" FOR ADDITIONAL INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

N



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - NB TEMP ENTRANCE RAMP - CTH V	SHEET 97	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 09

PLOT DATE : 10/11/2022 8:24 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

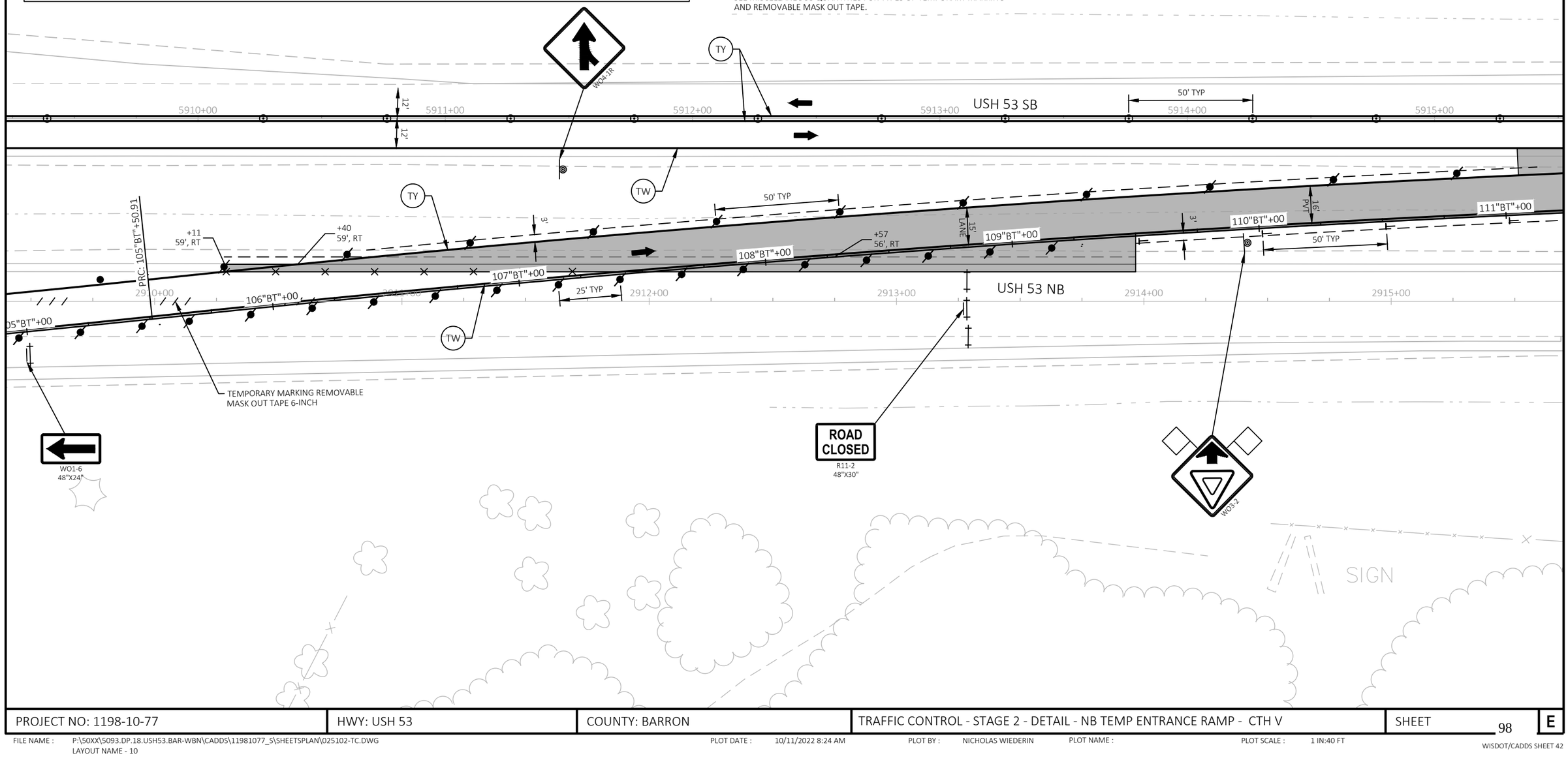
SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION.

SEE SDD "TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER" FOR ADDITIONAL INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

N



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - NB TEMP ENTRANCE RAMP - CTH V	SHEET 98	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 10

PLOT DATE : 10/11/2022 8:24 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

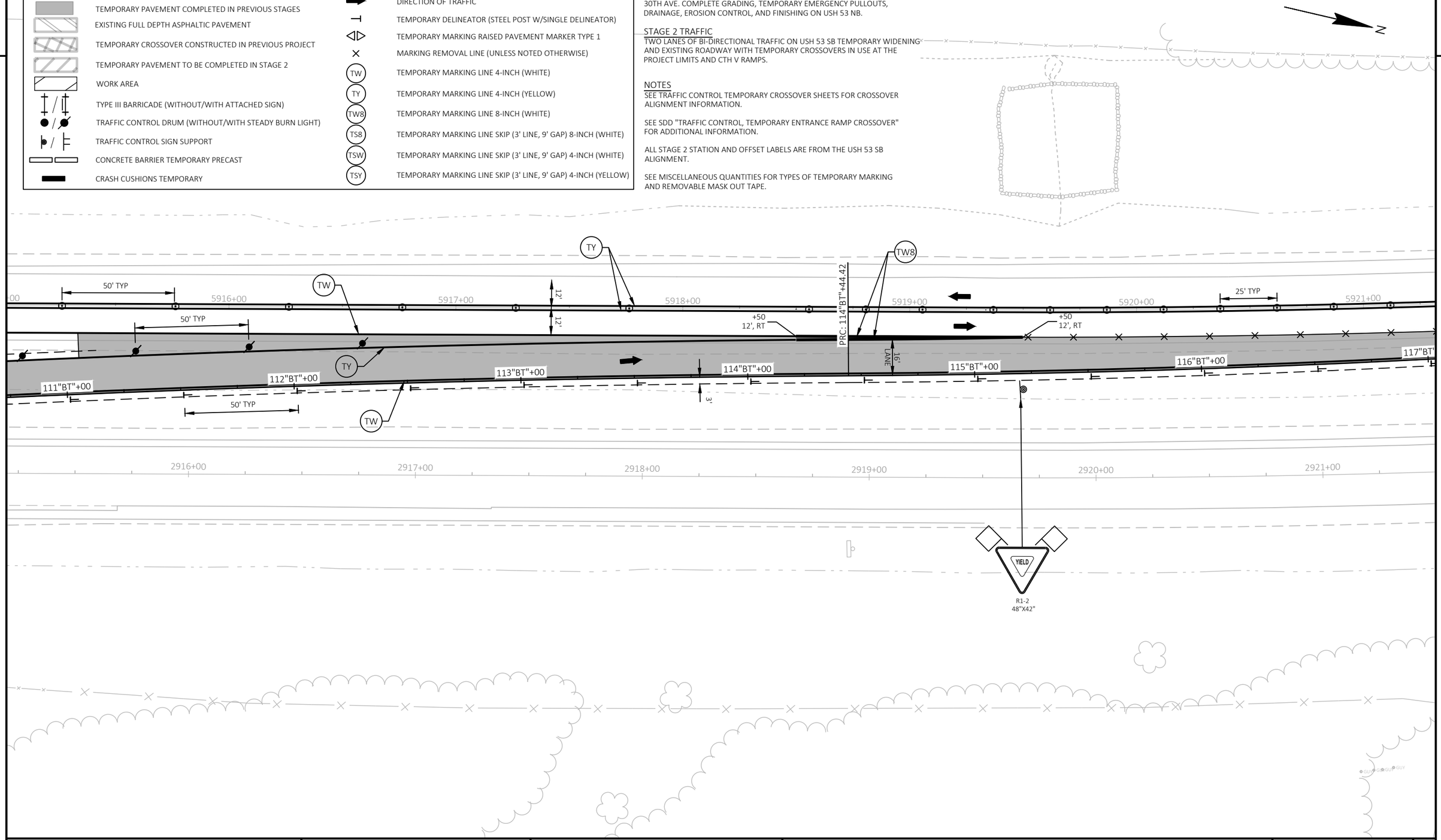
NOTES

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION.

SEE SDD "TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER" FOR ADDITIONAL INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - NB TEMP ENTRANCE RAMP - CTH V	SHEET 99	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 11

PLOT DATE : 10/11/2022 8:24 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

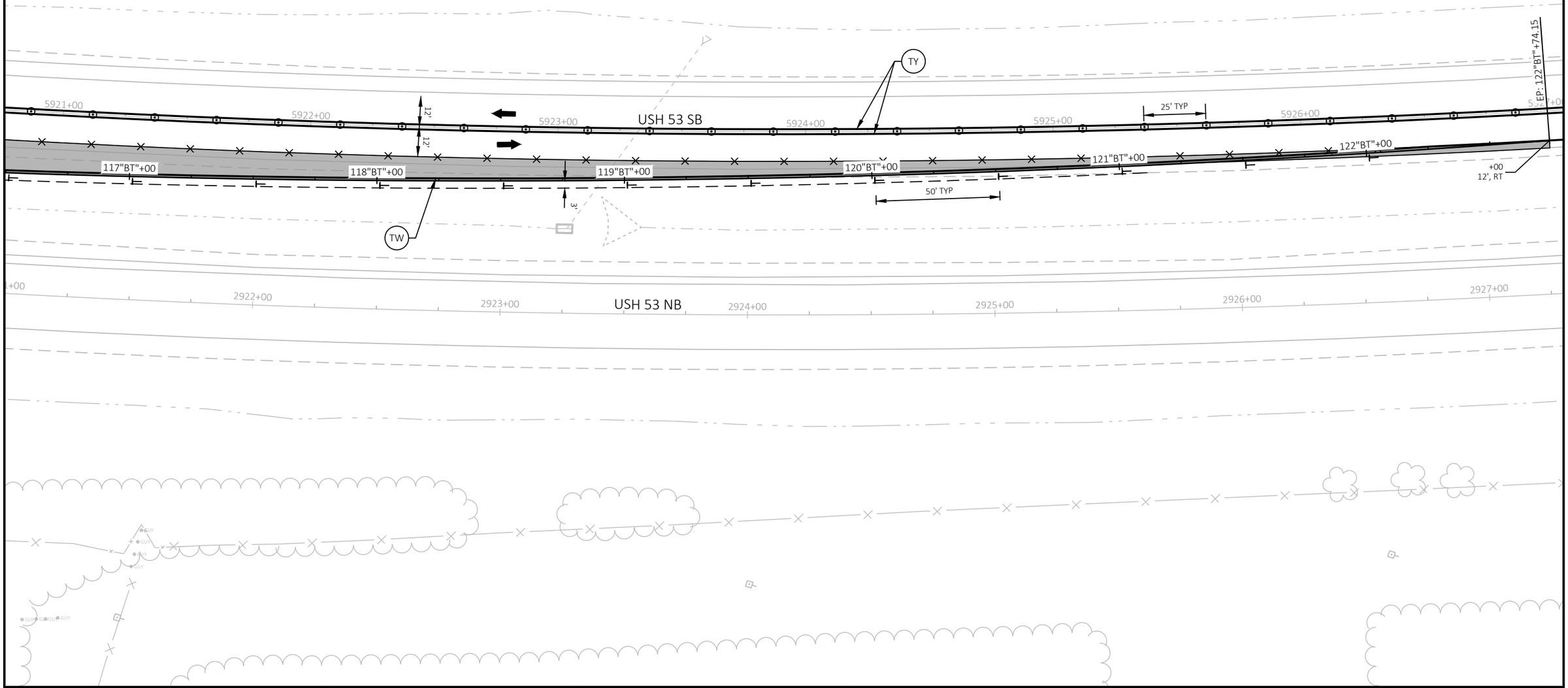
SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION.

SEE SDD "TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER" FOR ADDITIONAL INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

N



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - NB TEMP ENTRANCE RAMP - CTH V	SHEET 100	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 12

PLOT DATE : 10/11/2022 8:25 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

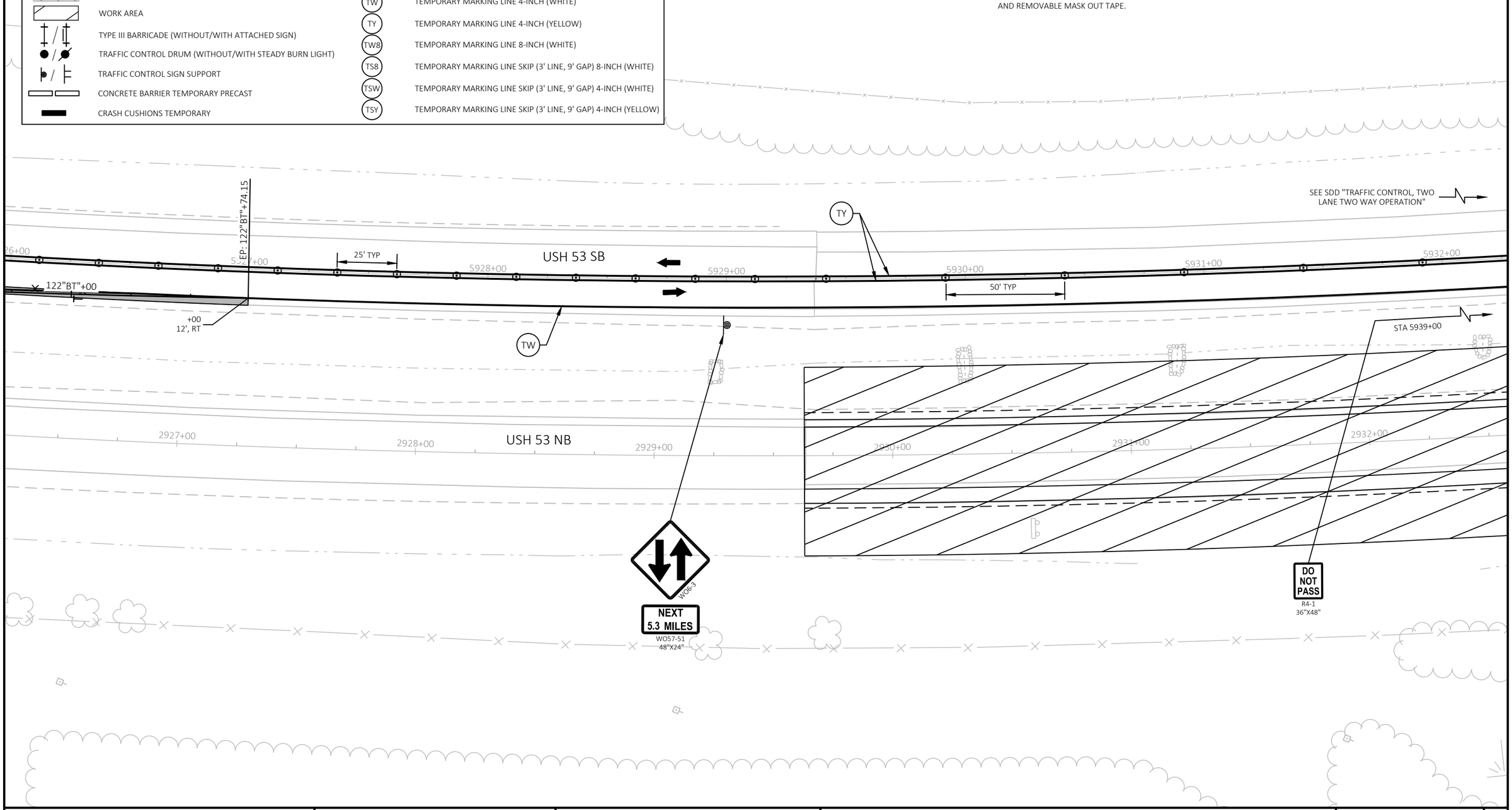
NOTES

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION.

SEE SDD "TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER" FOR ADDITIONAL INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - NB TEMP ENTRANCE RAMP - CTH V	SHEET 101	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 13

PLOT DATE : 10/11/2022 8:25 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
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- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

FOR USH 53 NB OVER WIDENING LOCATIONS AND LAYOUT INFORMATION, SEE STAGE 4 TRAFFIC CONTROL DETAILS.

N

WILD RIVERS STATE TRAIL

W06-2

R4-7
36"X48"

MARKING REMOVAL INCIDENTAL TO TEMPORARY MARKING ITEM

SEE SDD "TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION"

+07
12', LT

8'
2'

TY

+82
20', LT

TSW

TSY

+10
5', LT

TW

TW8

5981+00
5982+00
USH 53 SB
5983+00
5984+00
5985+00
5986+00
5987+00

12'
12'

50' TYP

+82
5', LT

25' TYP

12'
12'

+97
12', RT

STA 5977+00

3'
1'

+82
7', RT

+10
7', RT

USH 53 NB OVER WIDENING
(SEE STAGE 4 TRAFFIC CONTROL DETAILS)

TW

+69
22', RT

+81
37', RT

TY

+11
37', RT

+35
24', RT

TW

STOP
R1-1
36"X36"

MARKING REMOVAL INCIDENTAL TO TEMPORARY MARKING ITEM

MARKING REMOVAL INCIDENTAL TO TEMPORARY MARKING ITEM

USH 53 NB

2982+00
2983+00
2984+00
2985+00
2986+00

15' TYP

W06-1

ROAD CLOSED
R11-2
48"X30"

ROAD CLOSED
R11-2
48"X30"

29 3/4 AVE

STOP

REMOVE, STOCKPILE, AND RE-INSTALL

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP INTERSECTION - 29 3/4 AVE & 30TH AVE	SHEET 102	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 16
PLOT DATE : 10/11/2022 8:25 AM
PLOT BY : NICHOLAS WIEDERIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

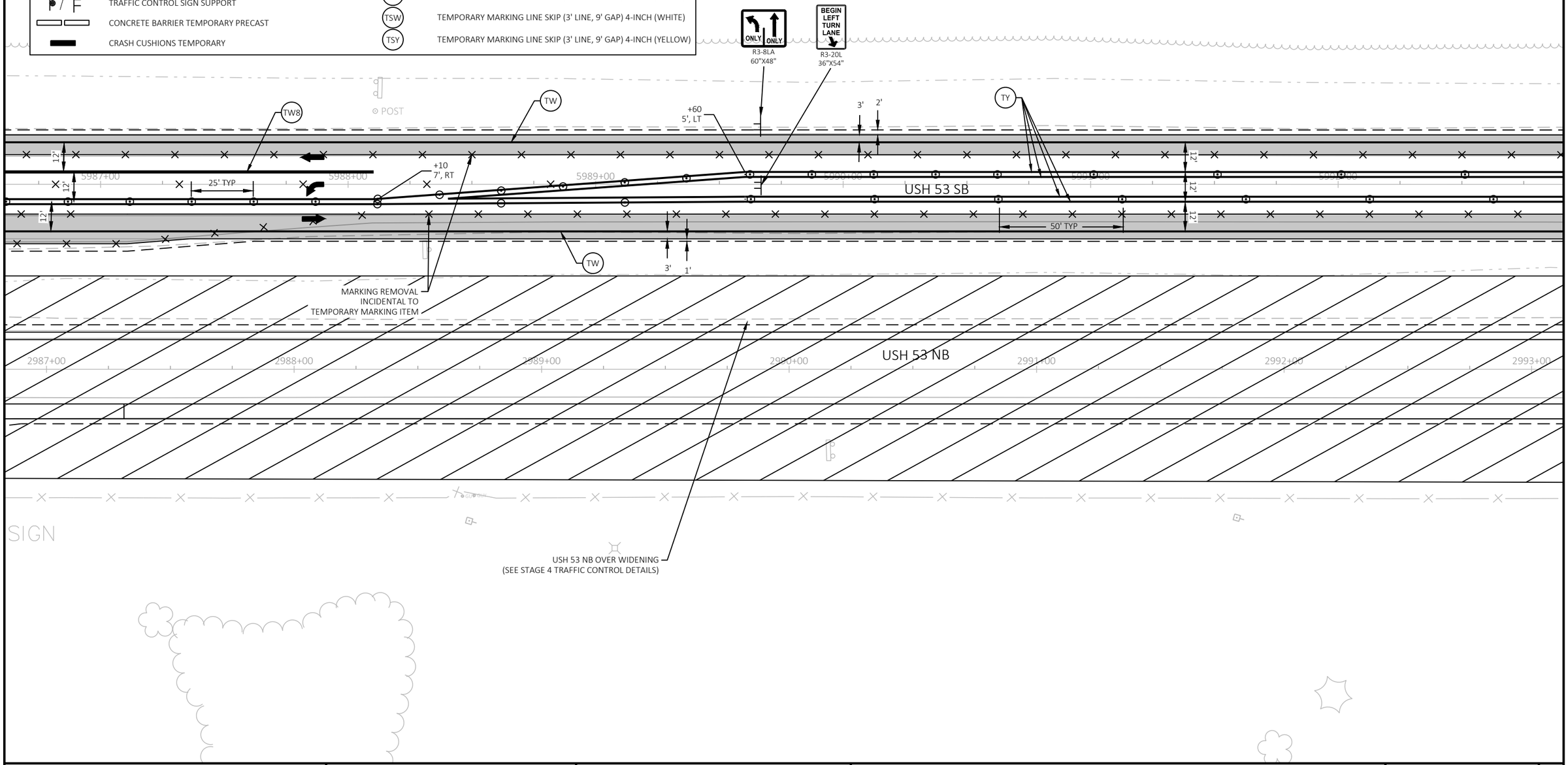
SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

FOR USH 53 NB OVER WIDENING LOCATIONS AND LAYOUT INFORMATION, SEE STAGE 4 TRAFFIC CONTROL DETAILS.

N

2

WILD RIVERS STATE TRAIL



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP INTERSECTION - 29 3/4 AVE & 30TH AVE	SHEET 103	E

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

FOR USH 53 NB OVER WIDENING LOCATIONS AND LAYOUT INFORMATION, SEE STAGE 4 TRAFFIC CONTROL DETAILS.

N

WILD RIVERS STATE TRAIL

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

TY

3'

2'

ONLY
R3-8LF
60"X48"

BEGIN LEFT TURN LANE
R3-20L
36"X54"

TW

50' TYP

+63
5', LT

12'

12'

12'

USH 53 SB

25' TYP

12'

12'

3'

1'

TW

+13
7', RT

TW8

MARKING REMOVAL INCIDENTAL TO TEMPORARY MARKING ITEM

2993+00 2994+00 2995+00 2996+00 2997+00 2998+00 2999+00

USH 53 NB

USH 53 NB OVER WIDENING
(SEE STAGE 4 TRAFFIC CONTROL DETAILS)

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP INTERSECTION - 29 3/4 AVE & 30TH AVE	SHEET 104	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 18

PLOT DATE : 10/11/2022 8:26 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WILD RIVERS STATE TRAIL

30TH AVE

WILD RIVERS STATE TRAIL

N

5999+65.88
60.00', LT

MARKING REMOVAL
INCIDENTAL TO
TEMPORARY MARKING ITEM

R55'

12'

+94
20', LT

+63
5', LT

+48
5', LT

5999+00

6000+00

6001+00

6002+00

6003+00

25' TYP

12'

USH 53 SB

+63
7', RT

+48
7', RT

+60
22', RT

+55
39', RT

+48
39', RT

+69
24', RT

STOP
R1-1
36"X36"

6000+41.79
62.00', RT

2999+00

3000+00

3001+00

3002+00

USH 53 NB

3003+00

3004+00

3005+00

25' TYP

+94
24', LT

7'

2'

MARKING REMOVAL
INCIDENTAL TO
TEMPORARY MARKING ITEM

BEGIN
LEFT
TURN
LANE
R3-20L
36"X54"

ONLY
R3-8LF
60"X48"

+83
24', LT

+98
5', LT

+35
20', LT

50' TYP

5'

3'

+38
24', RT

+48
7', RT

+77
22', RT

MARKING REMOVAL
INCIDENTAL TO
TEMPORARY MARKING ITEM

ROAD
CLOSED
R11-2
48"X30"

USH 53 NB OVER WIDENING
(SEE STAGE 4 TRAFFIC CONTROL DETAILS)

ROAD
CLOSED
R11-2
48"X30"

W06-2

USH 53 NB OVER WIDENING
(SEE STAGE 4 TRAFFIC CONTROL DETAILS)

STOP

REMOVE, STOCKPILE,
AND RE-INSTALL

30TH AVE

SIGN

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

FOR USH 53 NB OVER WIDENING LOCATIONS AND LAYOUT INFORMATION, SEE STAGE 4 TRAFFIC CONTROL DETAILS.

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP INTERSECTION - 29 3/4 AVE & 30TH AVE	SHEET 105	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 19

PLOT DATE : 10/11/2022 8:26 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

FOR USH 53 NB OVER WIDENING LOCATIONS AND LAYOUT INFORMATION, SEE STAGE 4 TRAFFIC CONTROL DETAILS.

N

2

WILD RIVERS STATE TRAIL

SEE SDD "TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION"

END USE OF BARRON COUNTY COORDINATES
BEGIN USE OF WASHBURN COUNTY COORDINATES

MARKING REMOVAL INCIDENTAL TO TEMPORARY MARKING ITEM

TW 8' 2' TY

+74 12', LT

STA 6013+00

WO6-1

6004+00 6005+00 6006+00 6007+00 USH 53 SB 6008+00 6009+00 6010+00

12' 12'

50' TYP

+33 12', RT

+83 12', RT

TW 3' 3'

STA 6019+00

MARKING REMOVAL INCIDENTAL TO TEMPORARY MARKING ITEM

MARKING REMOVAL LINE

3005+00 3006+00 3007+00 3008+00 USH 53 NB 3009+00 3010+00 3011+00

USH 53 NB OVER WIDENING
(SEE STAGE 4 TRAFFIC CONTROL DETAILS)

WO6-3

NEXT
3.8 MILES
WO57-51
48"X24"

DO NOT PASS
R4-1
36"X48"

END USE OF BARRON COUNTY COORDINATES
BEGIN USE OF WASHBURN COUNTY COORDINATES

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP INTERSECTION - 29 3/4 AVE & 30TH AVE	SHEET 106	E

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

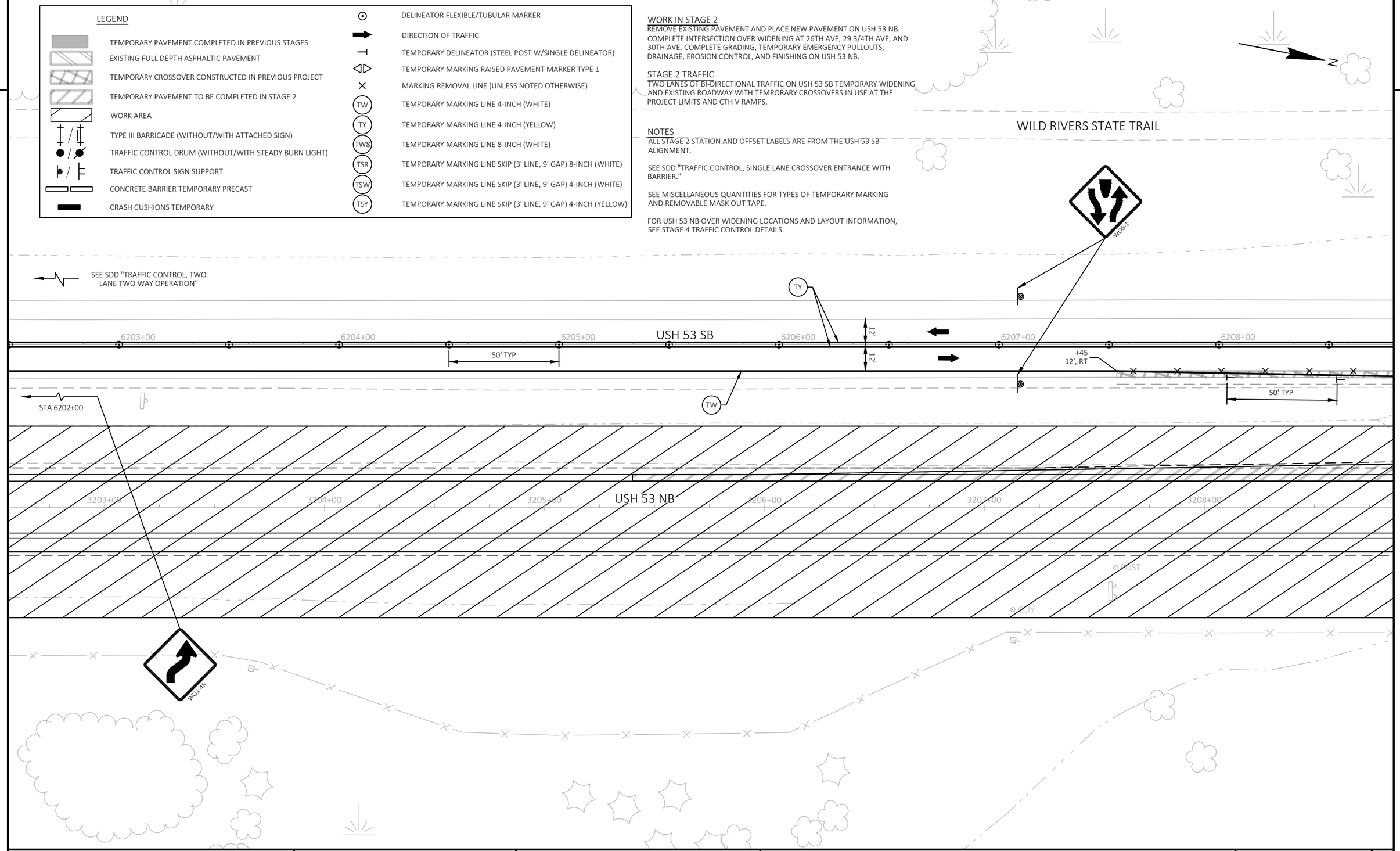
NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER."

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

FOR USH 53 NB OVER WIDENING LOCATIONS AND LAYOUT INFORMATION, SEE STAGE 4 TRAFFIC CONTROL DETAILS.



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 107	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 21

PLOT DATE : 10/11/2022 8:27 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

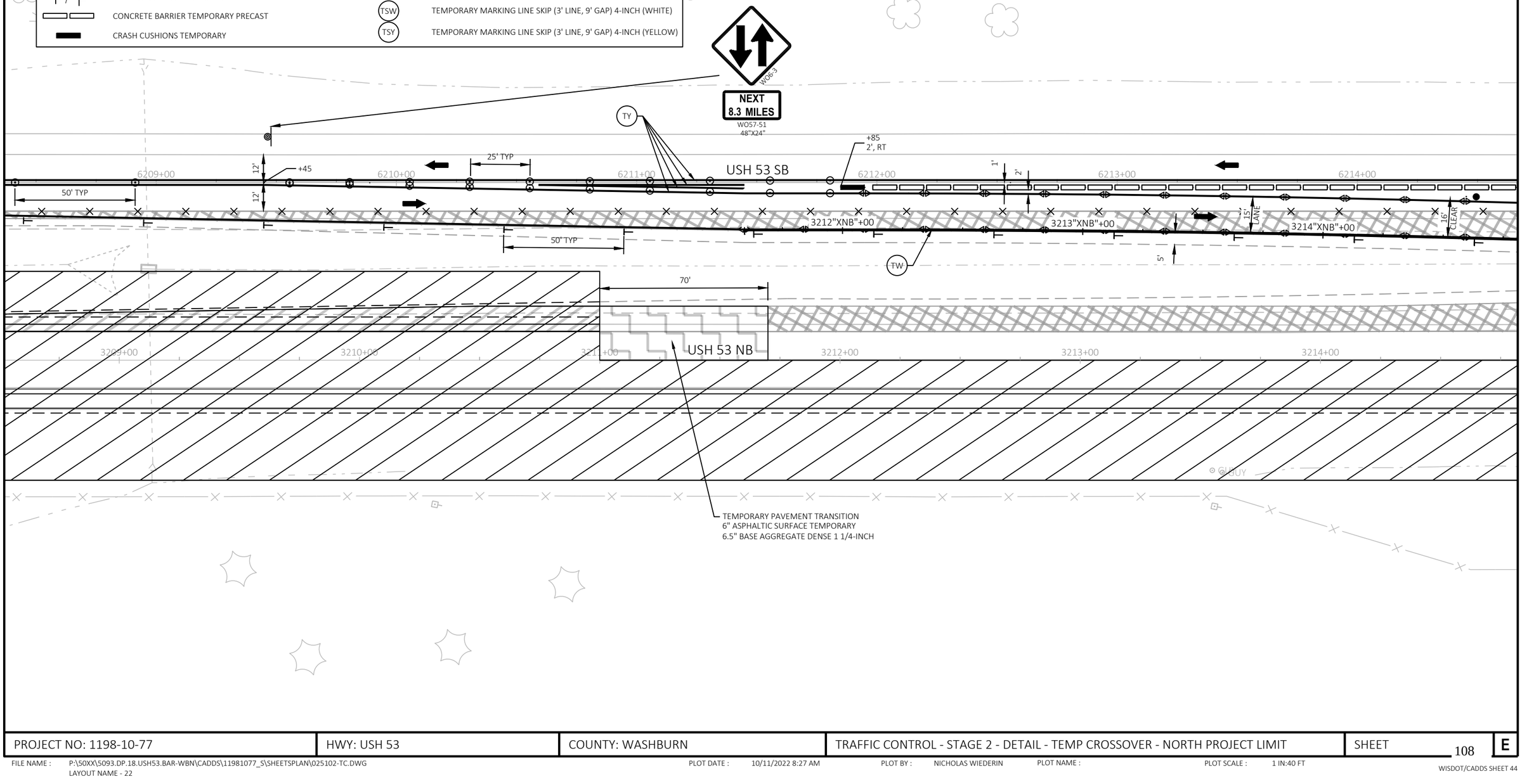
ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER."

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

N

WILD RIVERS STATE TRAIL



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 108	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 22

PLOT DATE : 10/11/2022 8:27 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

SEE DETAIL C OF SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES"

ZIMMERMAN RD

WILD RIVERS STATE TRAIL

N

ROAD CLOSED
R11-2
48"X30"

R3-1
36"X36"

WO5-52L
18"X54"
(MOUNT ON BARRIER)

LANE CLOSED
R11-2L
48"X30"

WO1-6
48"X24"

TW
+39
12', LT

TY

USH 53 SB

6215+00 6216+00 6217+00 6218+00 6219+00 6220+00

+74
2', RT

8:1 TAPER

1'

25' TYP

CLEAR

3215"XNB"+00

3216"XNB"+00

3217"XNB"+00

3218"XNB"+00

3219"XNB"+00

3220"XNB"+00

5'

50' TYP

15' LANE

16' CLEAR

20' MIN

USH 53 NB

3215+00 3216+00 3217+00 3218+00 3219+00 3220+00

**

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TS8) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

** END SECTION REQUIRED, SEE SDD "CONCRETE BARRIER TEMPORARY PRECAST" FOR ADDITIONAL INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER."

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 109	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 23
PLOT DATE : 10/11/2022 8:28 AM
PLOT BY : NICHOLAS WIEDERIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

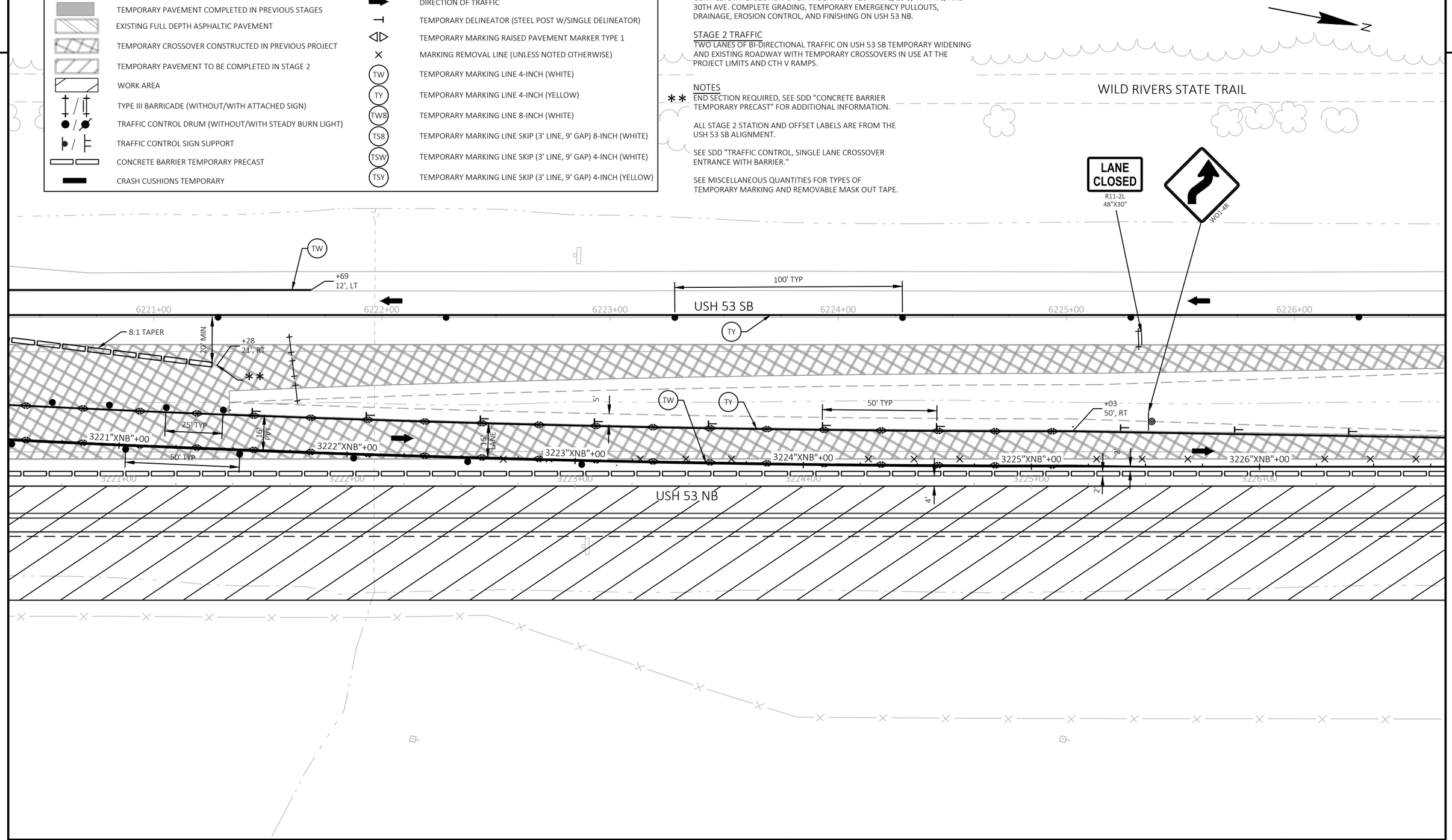
NOTES

** END SECTION REQUIRED, SEE SDD "CONCRETE BARRIER TEMPORARY PRECAST" FOR ADDITIONAL INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER."

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 110	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 24

PLOT DATE : 10/11/2022 8:28 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

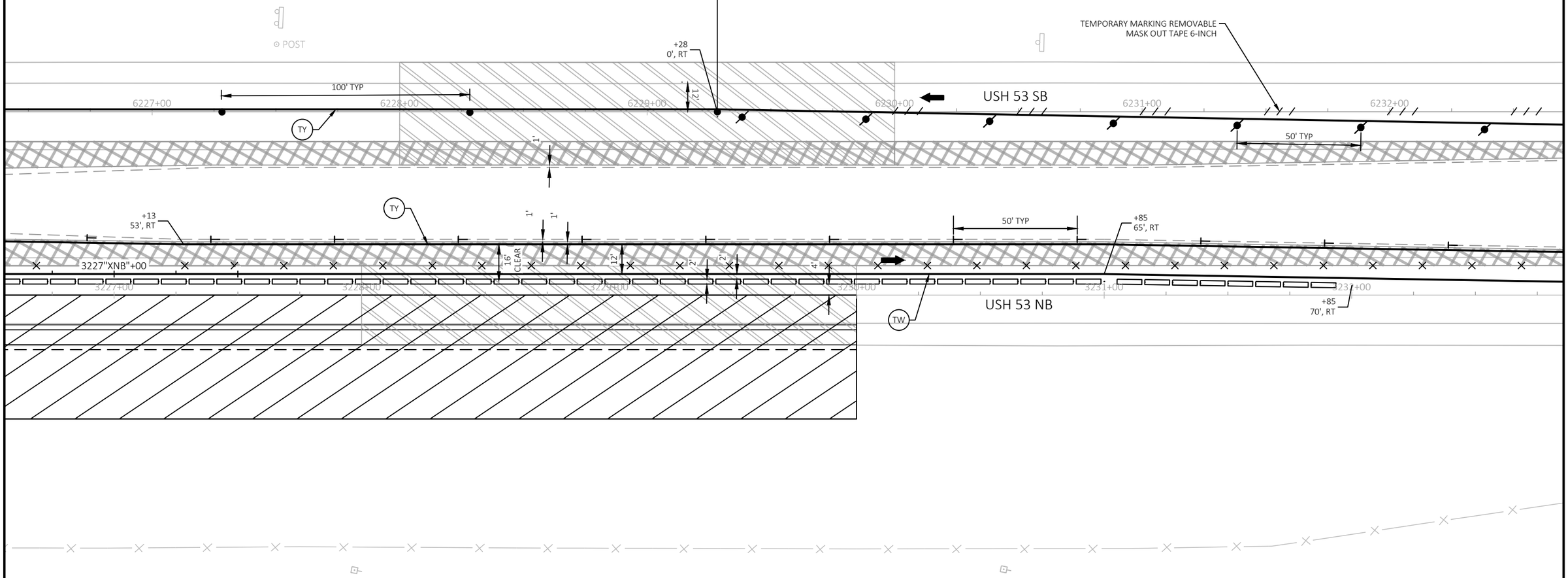
SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

N

WILD RIVERS STATE TRAIL

PLACE TRAFFIC CONTROL DEVICES PER SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION"

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 111	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 25

PLOT DATE : 10/11/2022 8:28 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE (UNLESS NOTED OTHERWISE)
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT 26TH AVE, 29 3/4TH AVE, AND 30TH AVE. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

N

WILD RIVERS STATE TRAIL

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

TY

6233+00 6234+00 6235+00 USH 53 SB 6236+00 6237+00 6238+00

+48 12', RT

50' TYP

50' TYP

WO1-6 48"X24"

1'

TY

+67 59', RT

50' TYP

+95 62', RT

12"

USH 53 NB

3233+00 3234+00 3235+00 3236+00 3237+00 3238+00

TW

INL

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 112	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 26
PLOT DATE : 10/11/2022 8:29 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES **
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TS8) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

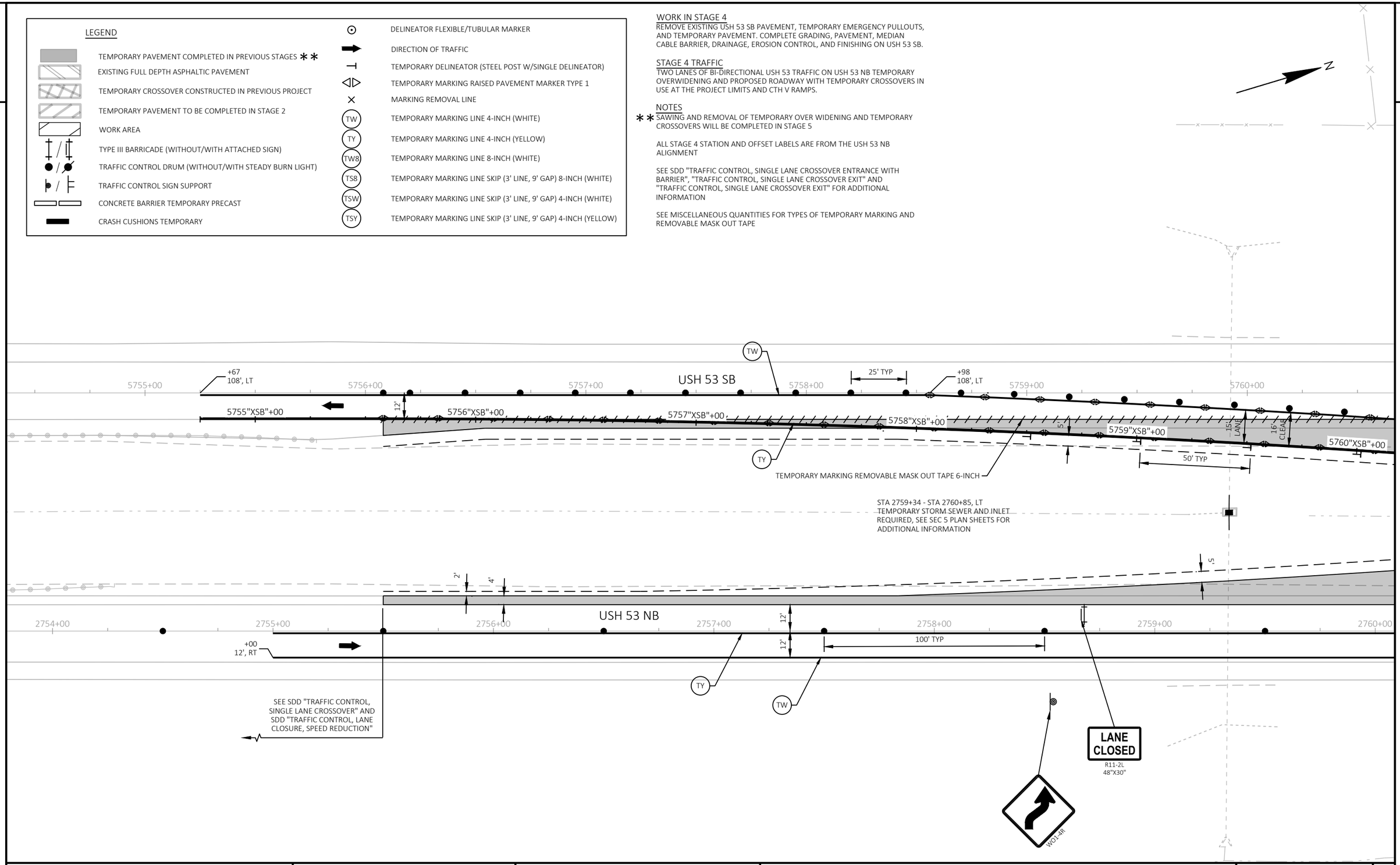
NOTES

** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER", "TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT" AND "TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - S PROJECT LIMIT & 26TH AVE	SHEET 113	E

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES **
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

*** END SECTION REQUIRED, SEE SDD "CONCRETE BARRIER TEMPORARY PRECAST" FOR ADDITIONAL INFORMATION

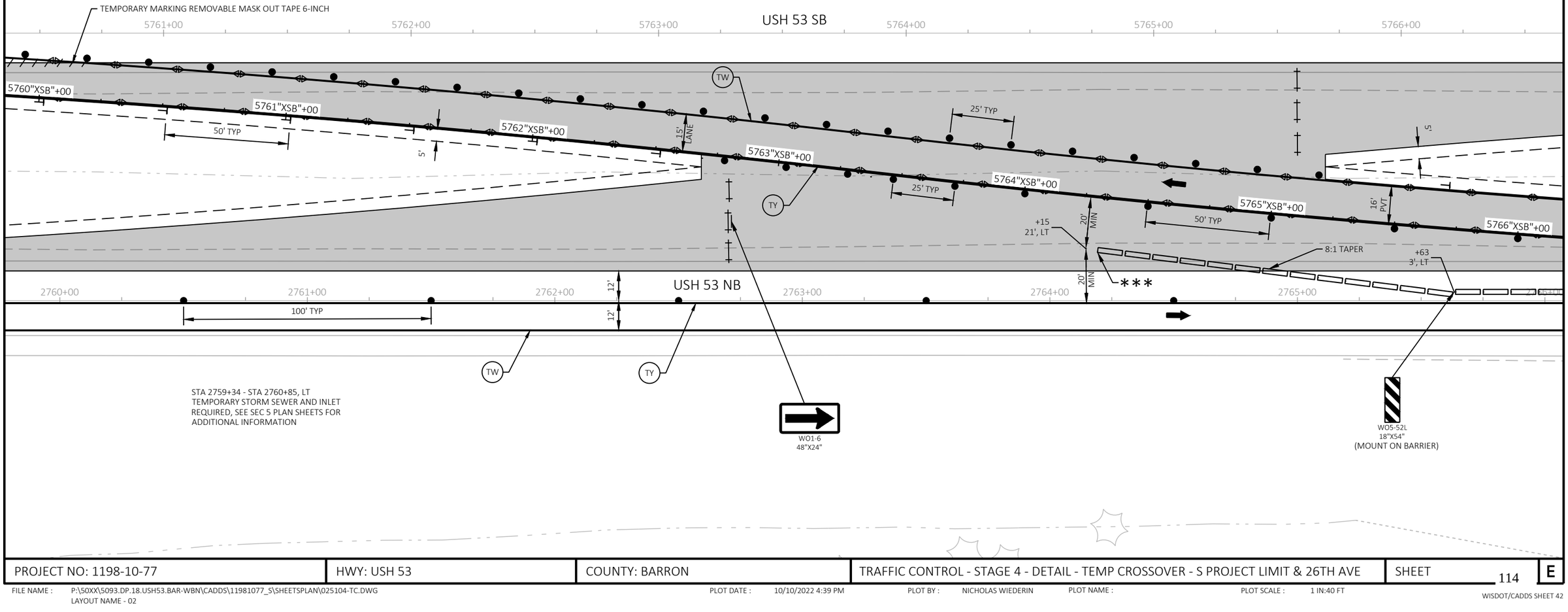
ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER", "TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT" AND "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE

N

2



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - S PROJECT LIMIT & 26TH AVE	SHEET 114	E

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES **
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

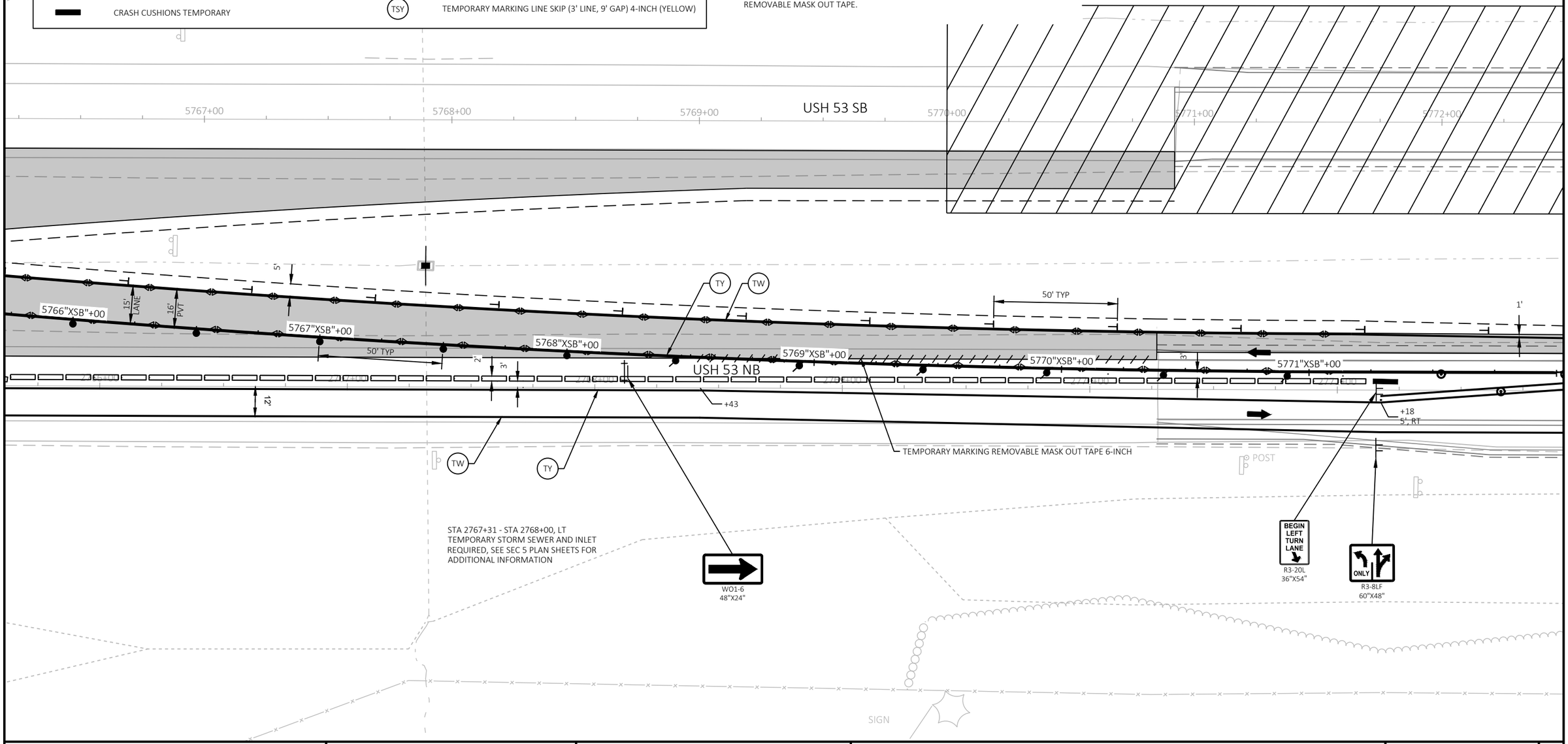
NOTES

** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER", "TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT" AND "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - S PROJECT LIMIT & 26TH AVE	SHEET 115	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025104-TC.DWG
LAYOUT NAME - 03

PLOT DATE : 10/10/2022 4:39 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES * *
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

26TH AVE

REMOVE, STOCKPILE, AND RE-INSTALL

ROAD CLOSED
R11-2
48"X30"

USH 53 SB

5773+00 5774+00 5775+00 5776+00 5777+00 5778+00

15' TYP

STOP
R1-1
36"X36"

USH 53 NB

1' +22 15', LT 50' TYP +11 22', LT +46 19', LT

TW TY

25' TYP

12' 12' 12'

2772+00 2773+00 2774+00 2775+00 2776+00 2777+00

+68 7', LT

TW TW8

TSY +68 7', LT +29 7', LT

+52 22', LT TY +08 15', LT 3' 1'

+68 5', RT

50' TYP

TSW +29 6', RT

TW

R4-7
36"X48"

W06-2

26TH AVE

NOTES

* * SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER", "TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT" AND "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - S PROJECT LIMIT & 26TH AVE	SHEET 116	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025104-TC.DWG
LAYOUT NAME - 04

PLOT DATE : 10/10/2022 4:39 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

5778+00
5779+00
5780+00
5781+00
5782+00
5783+00
5784+00

USH 53 SB

3'
1'
TY
+14
12', LT
TW
+59
12', RT
50' TYP
2779+00
2780+00
2781+00
2782+00
2783+00
USH 53 NB
12'
12'

WOG-1
SEE SDD "TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION"
STA 2785+00
50' TYP
STA 2792+00

WOG-3
NEXT 8.0 MILES
WO57-51
48"X24"

DO NOT PASS
R4-1
36"X48"

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES **
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - S PROJECT LIMIT & 26TH AVE	SHEET 117	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025104-TC.DWG
LAYOUT NAME - 05
PLOT DATE : 10/10/2022 4:40 PM
PLOT BY : NICHOLAS WIEDERIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES **
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE

N

USH 53 SB

5873+00 5874+00 5875+00 5876+00 5877+00 5878+00 5879+00

TW 50' TYP

STA 2861+25 STA 2871+25

101"DT"+00 102"DT"+00 103"DT"+00 104"DT"+00 105"DT"+00 106"DT"+00

+25
12', LT

2874+00 2875+00 2876+00 2877+00 2878+00 2879+00

USH 53 NB

25' TYP

12' 12'

TW TY

DO NOT PASS
R4-1
36"X48"

W10G-3

NEXT 1.9 MILES
WO57-51
48"X24"

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - DETAIL - SB TEMP ENTRANCE RAMP - CTH V	SHEET 118	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025104-TC.DWG
LAYOUT NAME - 06

PLOT DATE : 10/10/2022 4:40 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES **
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TS8) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

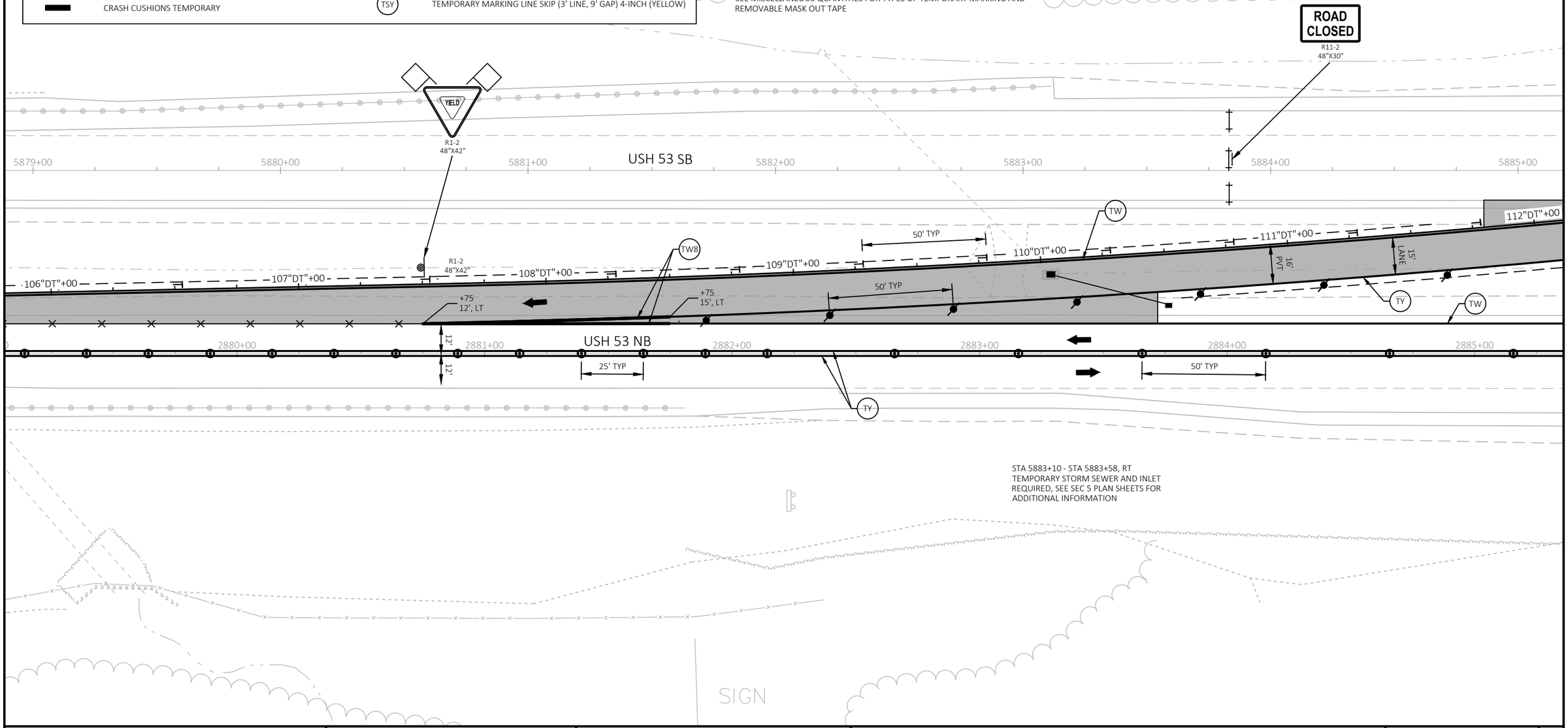
** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE

N



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - DETAIL - SB TEMP ENTRANCE RAMP - CTH V	SHEET 119	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025104-TC.DWG
LAYOUT NAME - 07

PLOT DATE : 10/10/2022 4:40 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES **
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

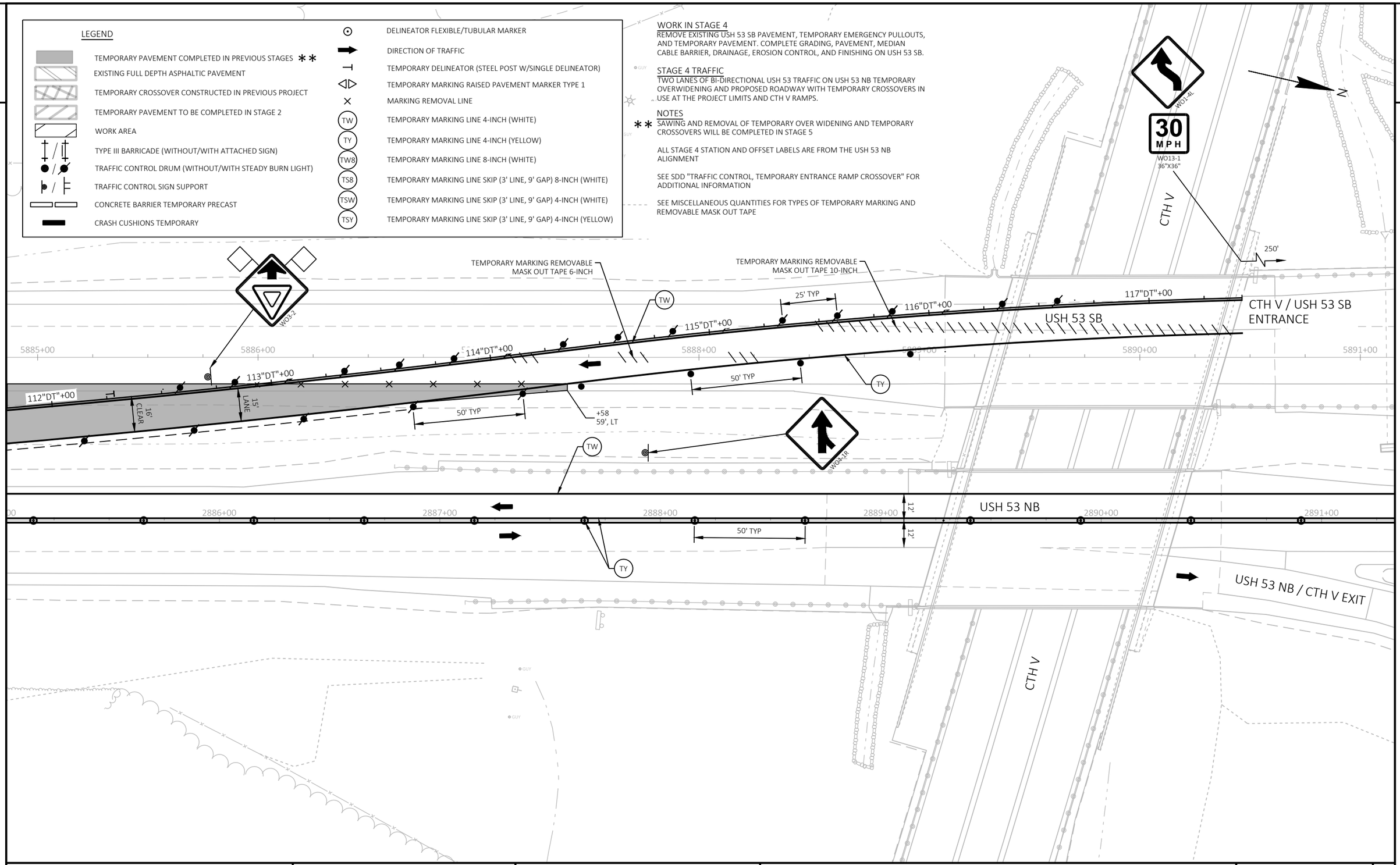
NOTES

** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - DETAIL - SB TEMP ENTRANCE RAMP - CTH V	SHEET 120	E

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES **
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TS8) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

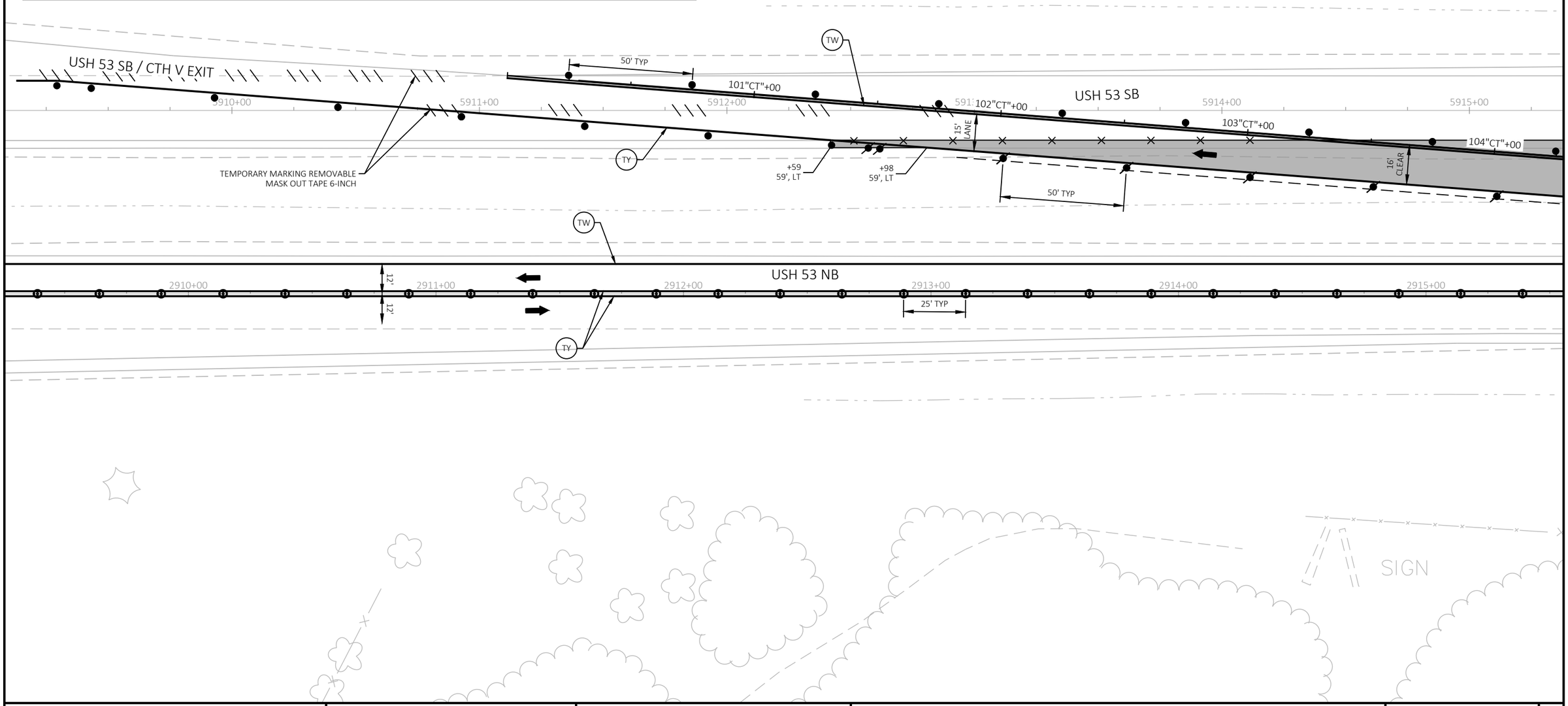
NOTES

** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - DETAIL - SB TEMP EXIT RAMP - CTH V	SHEET 121	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025104-TC.DWG
LAYOUT NAME - 10
PLOT DATE : 10/10/2022 4:41 PM
PLOT BY : NICHOLAS WIEDERIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES **
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

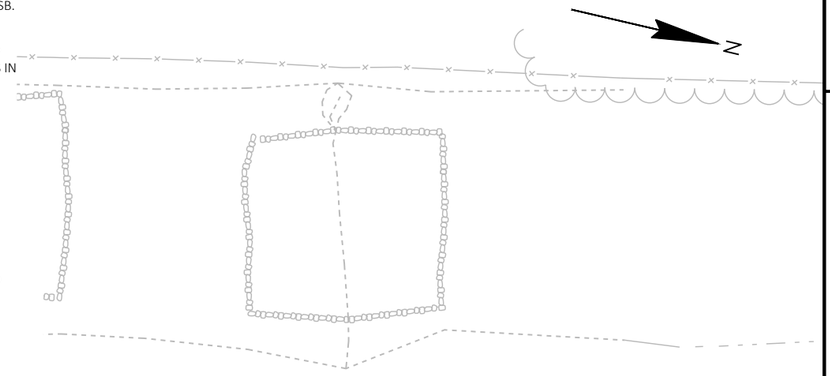
NOTES

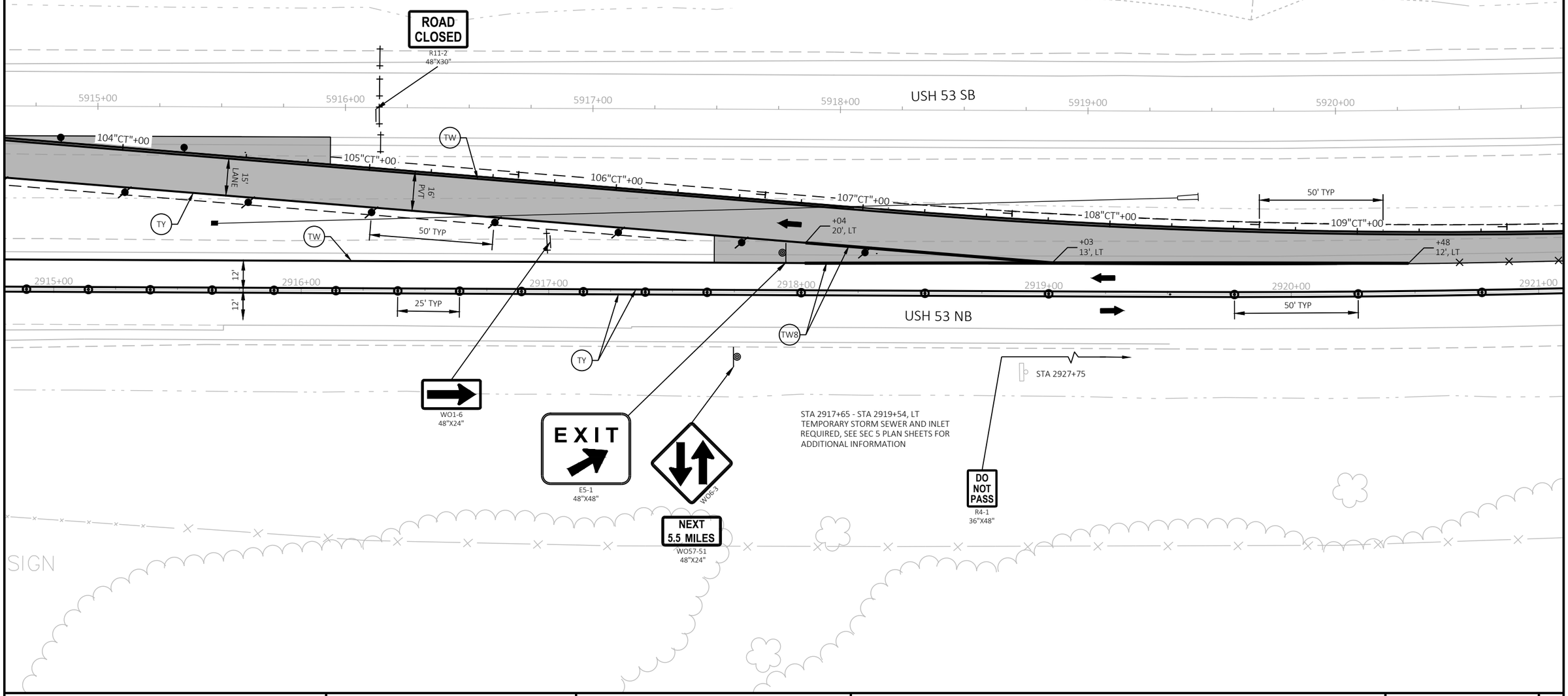
** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - DETAIL - SB TEMP EXIT RAMP - CTH V	SHEET 122	E

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES **
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

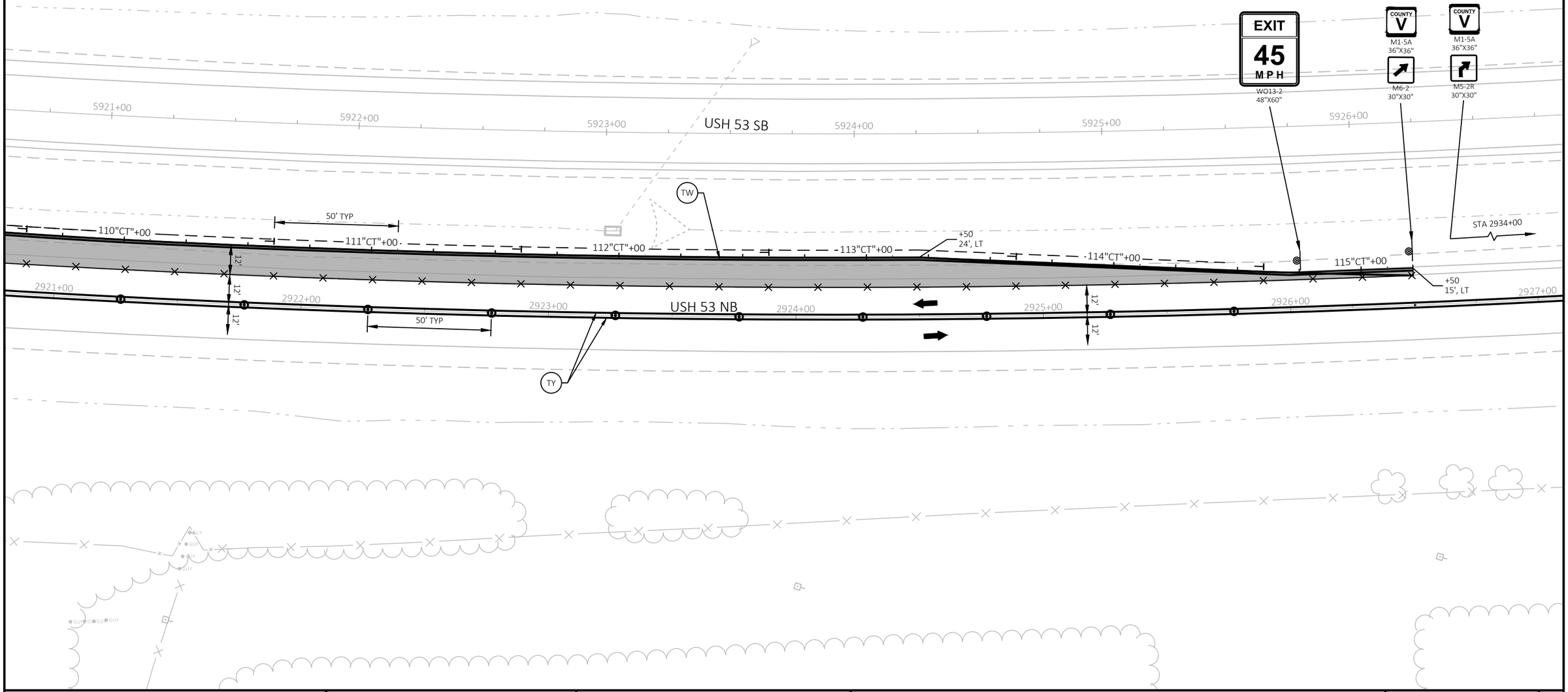
NOTES

** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - DETAIL - SB TEMP EXIT RAMP - CTH V	SHEET 123	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025104-TC.DWG
LAYOUT NAME - 12

PLOT DATE : 10/10/2022 4:42 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES **
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TS8) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

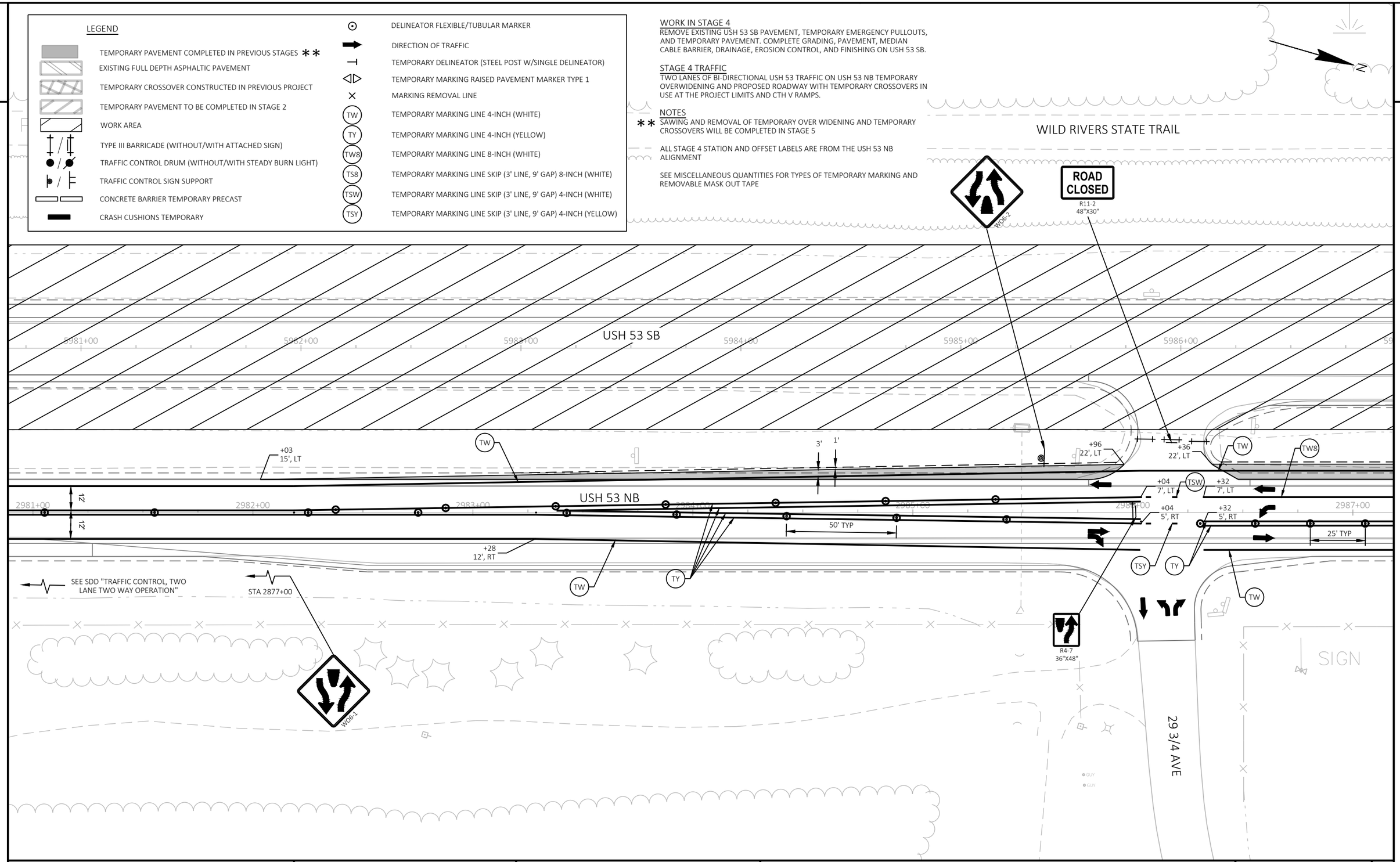
TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - TEMP INTERSECTION - 29 3/4 AVE & 30TH AVE	SHEET 124	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025104-TC.DWG
LAYOUT NAME - 16

PLOT DATE : 10/10/2022 4:42 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES **
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

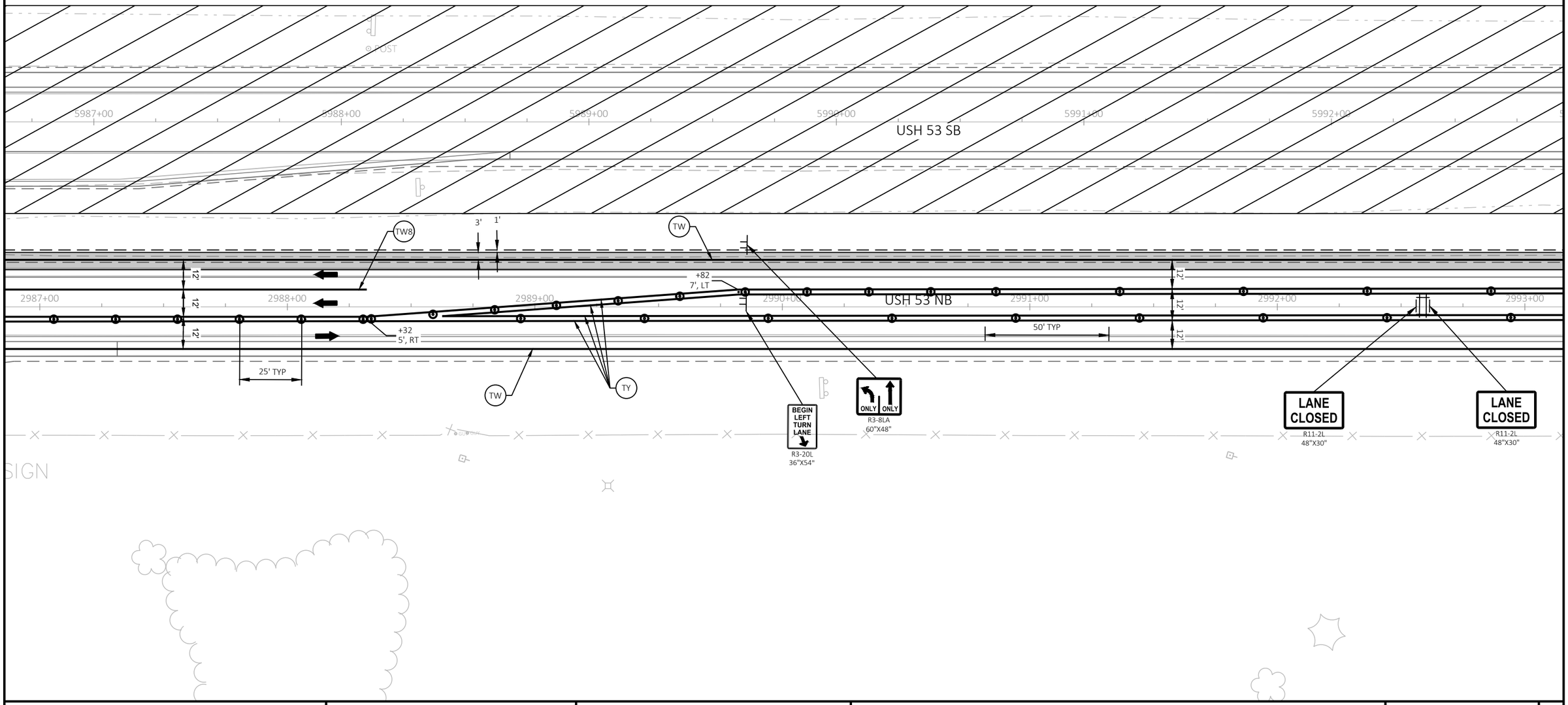
** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE

N

WILD RIVERS STATE TRAIL



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - TEMP INTERSECTION - 29 3/4 AVE & 30TH AVE	SHEET 125	E

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES **
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TS8) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

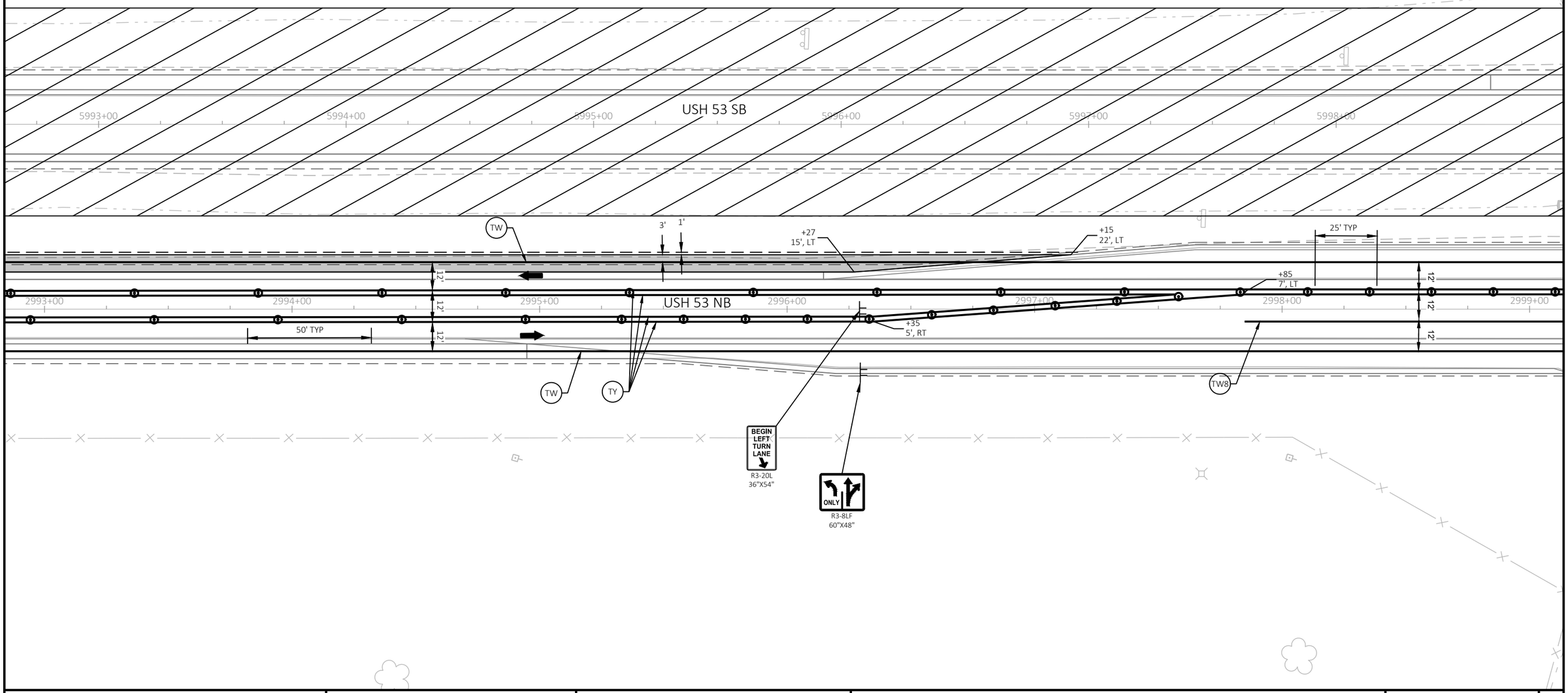
** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE

N

WILD RIVERS STATE TRAIL



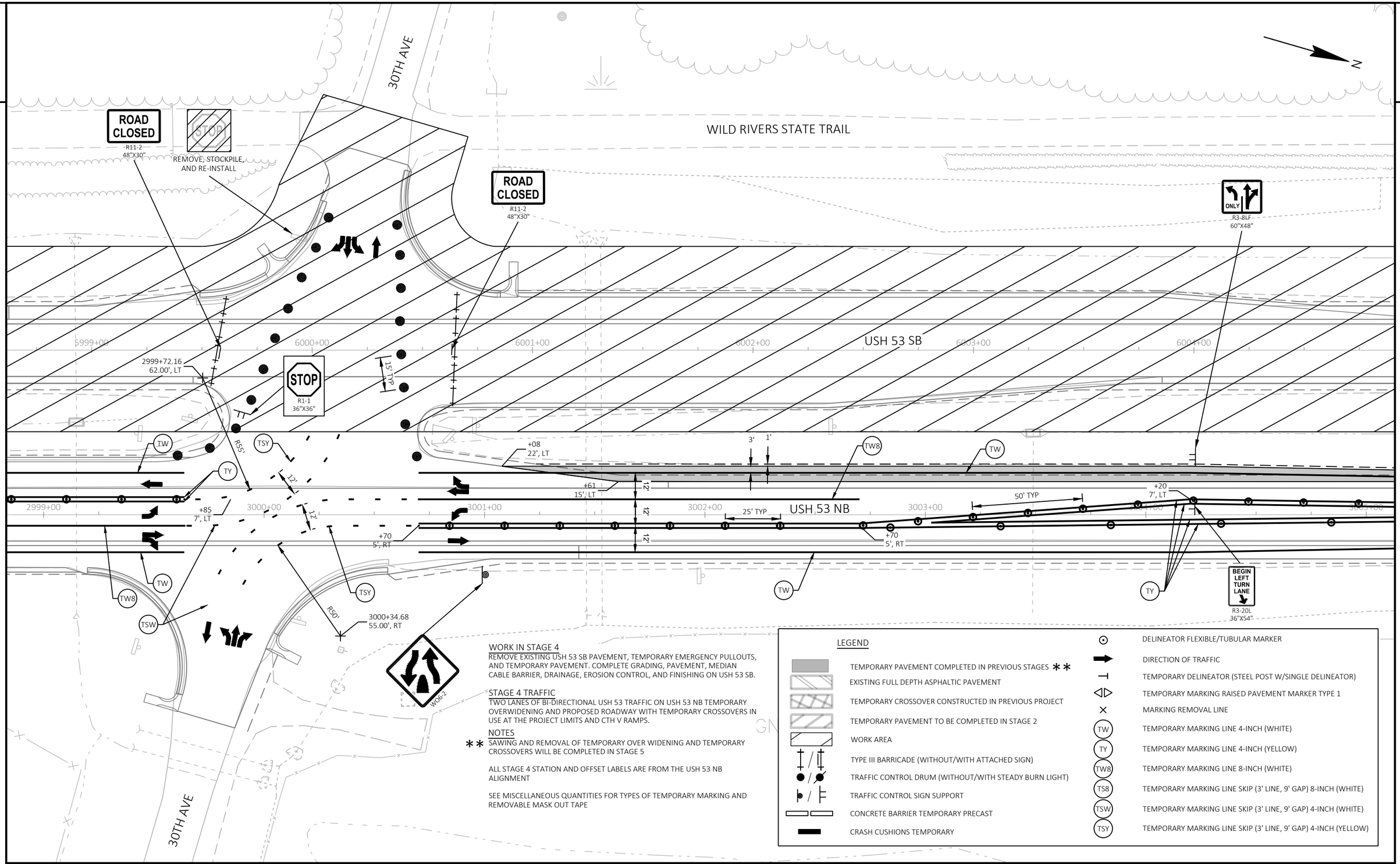
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - TEMP INTERSECTION - 29 3/4 AVE & 30TH AVE	SHEET 126	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025104-TC.DWG
LAYOUT NAME - 18

PLOT DATE : 10/10/2022 4:43 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES **
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TS8) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - TEMP INTERSECTION - 29 3/4 AVE & 30TH AVE	SHEET 127	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025104-TC.DWG
LAYOUT NAME - 19
PLOT DATE : 10/10/2022 4:43 PM
PLOT BY : NICHOLAS WIEDERIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES **
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

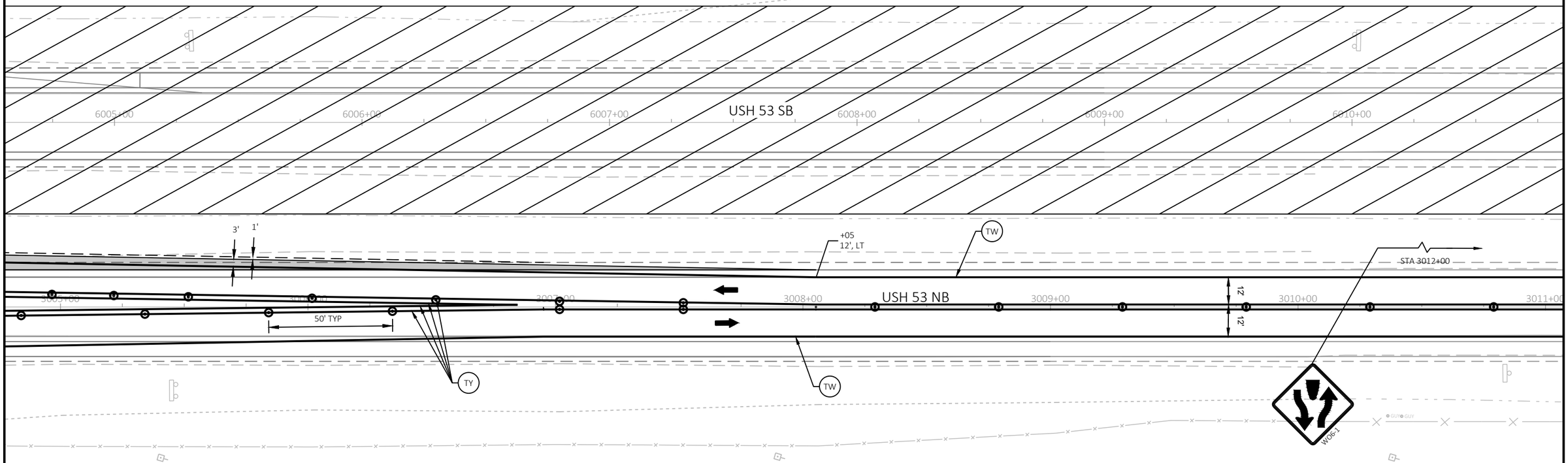
** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE

N

WILD RIVERS STATE TRAIL



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	TRAFFIC CONTROL - STAGE 4 - TEMP INTERSECTION - 29 3/4 AVE & 30TH AVE	SHEET 128	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025104-TC.DWG
LAYOUT NAME - 20

PLOT DATE : 10/10/2022 4:43 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

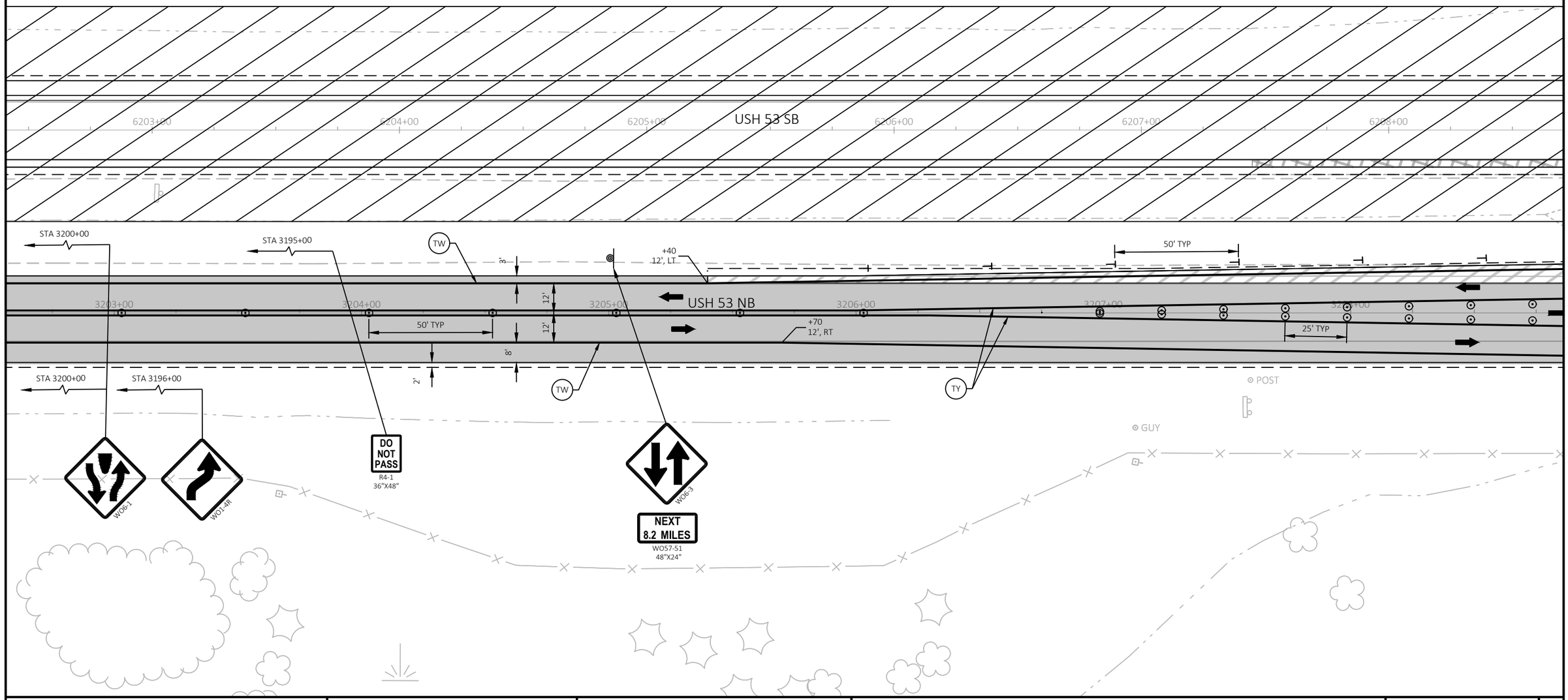
TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" AND "TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 129	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025104-TC.DWG
LAYOUT NAME - 21

PLOT DATE : 10/10/2022 4:44 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

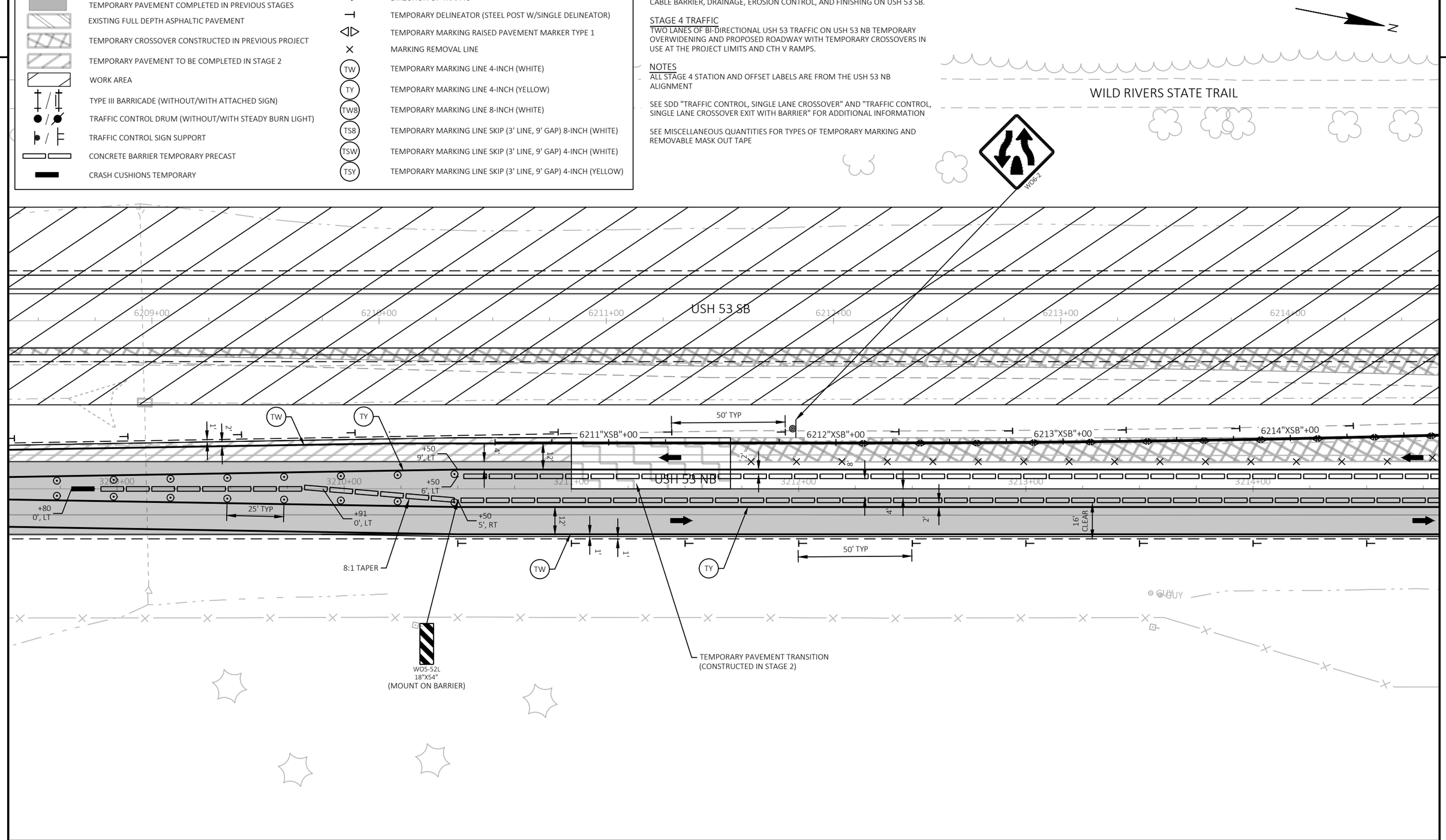
TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" AND "TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE

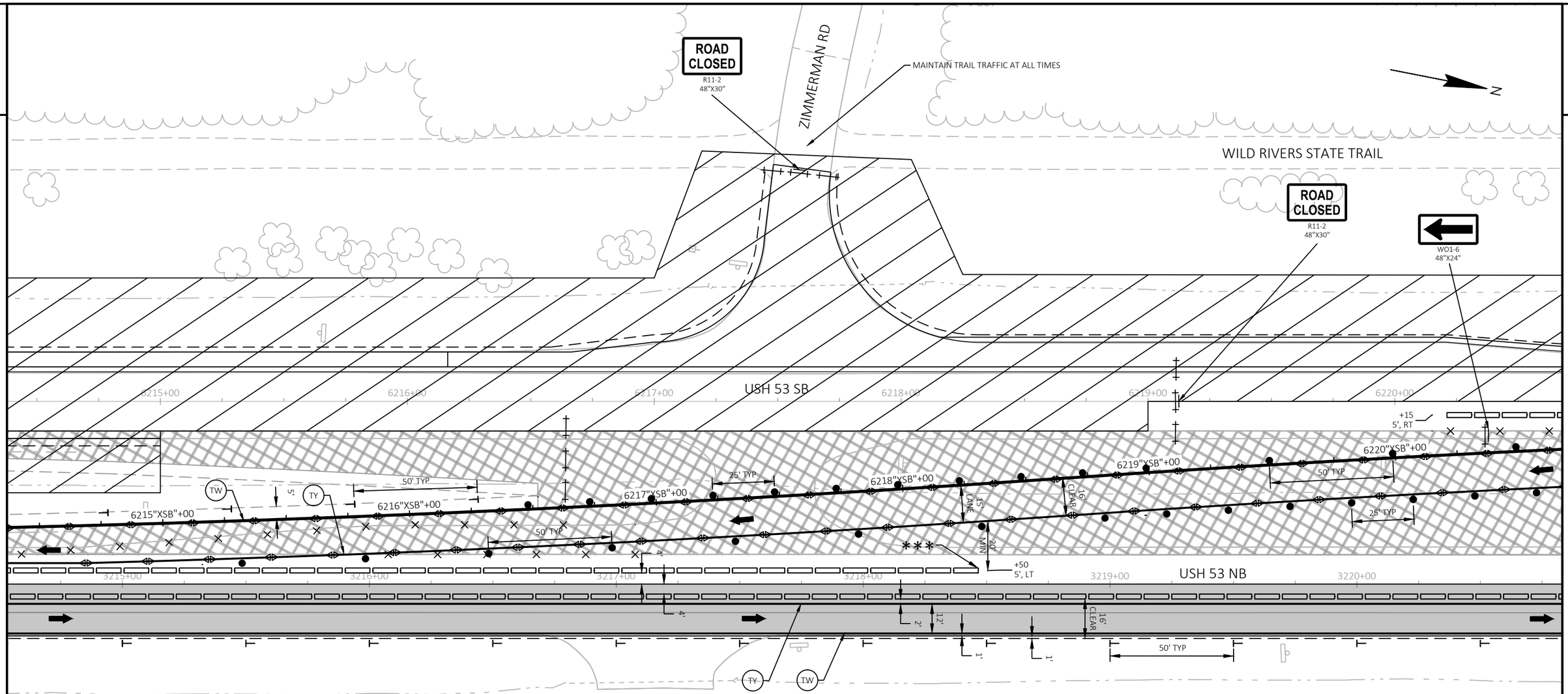


PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 130	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025104-TC.DWG
LAYOUT NAME - 22

PLOT DATE : 10/10/2022 4:45 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TS8) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

*** END SECTION REQUIRED, SEE SDD "CONCRETE BARRIER TEMPORARY PRECAST" FOR ADDITIONAL INFORMATION

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" AND "TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 131	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025104-TC.DWG
LAYOUT NAME - 23
PLOT DATE : 10/10/2022 4:46 PM
PLOT BY : NICHOLAS WIEDERIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

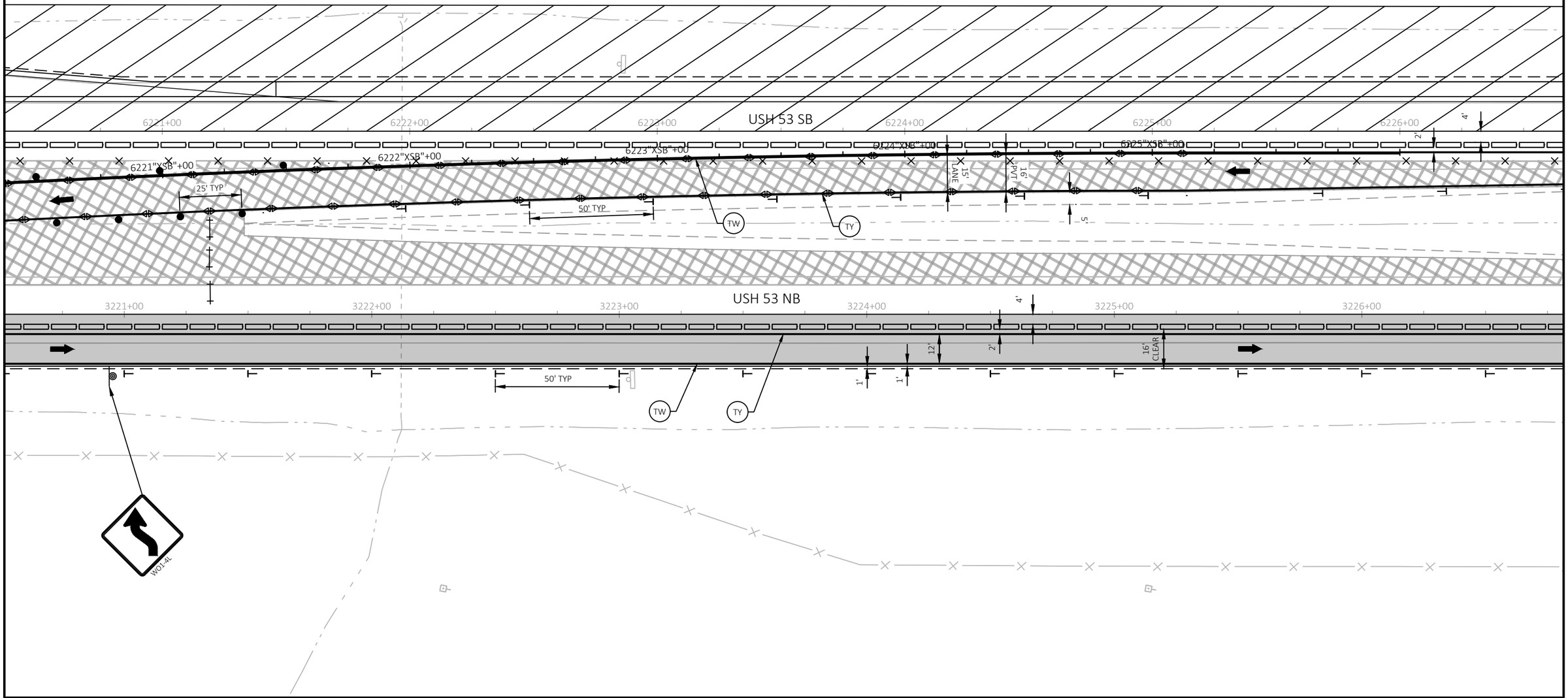
ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" AND "TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE

N

WILD RIVERS STATE TRAIL



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 132	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025104-TC.DWG
LAYOUT NAME - 24

PLOT DATE : 10/10/2022 4:46 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

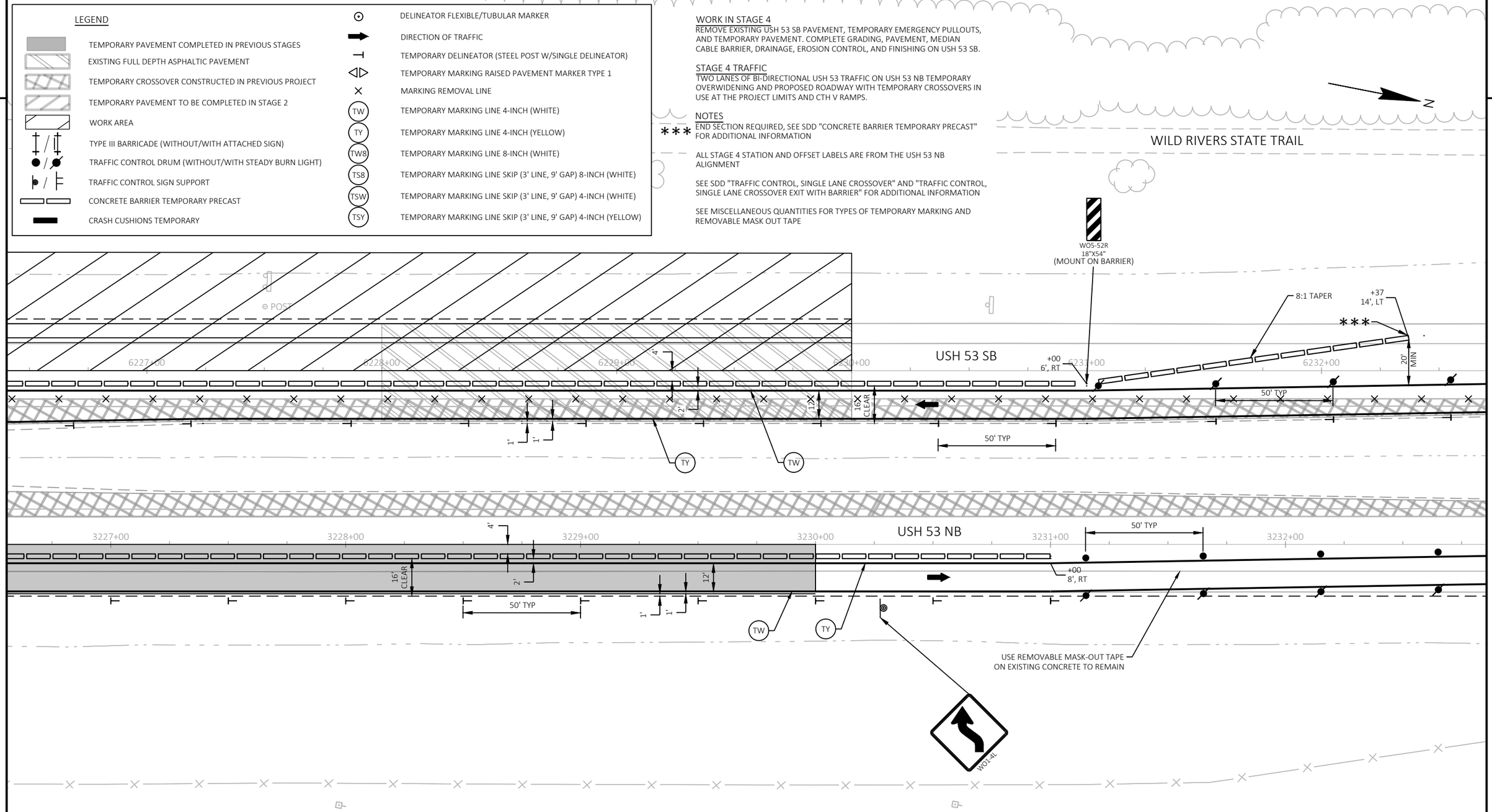
NOTES

*** END SECTION REQUIRED, SEE SDD "CONCRETE BARRIER TEMPORARY PRECAST" FOR ADDITIONAL INFORMATION

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" AND "TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 133	E

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- MARKING REMOVAL LINE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TS8) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING USH 53 SB PAVEMENT, TEMPORARY EMERGENCY PULLOUTS, AND TEMPORARY PAVEMENT. COMPLETE GRADING, PAVEMENT, MEDIAN CABLE BARRIER, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

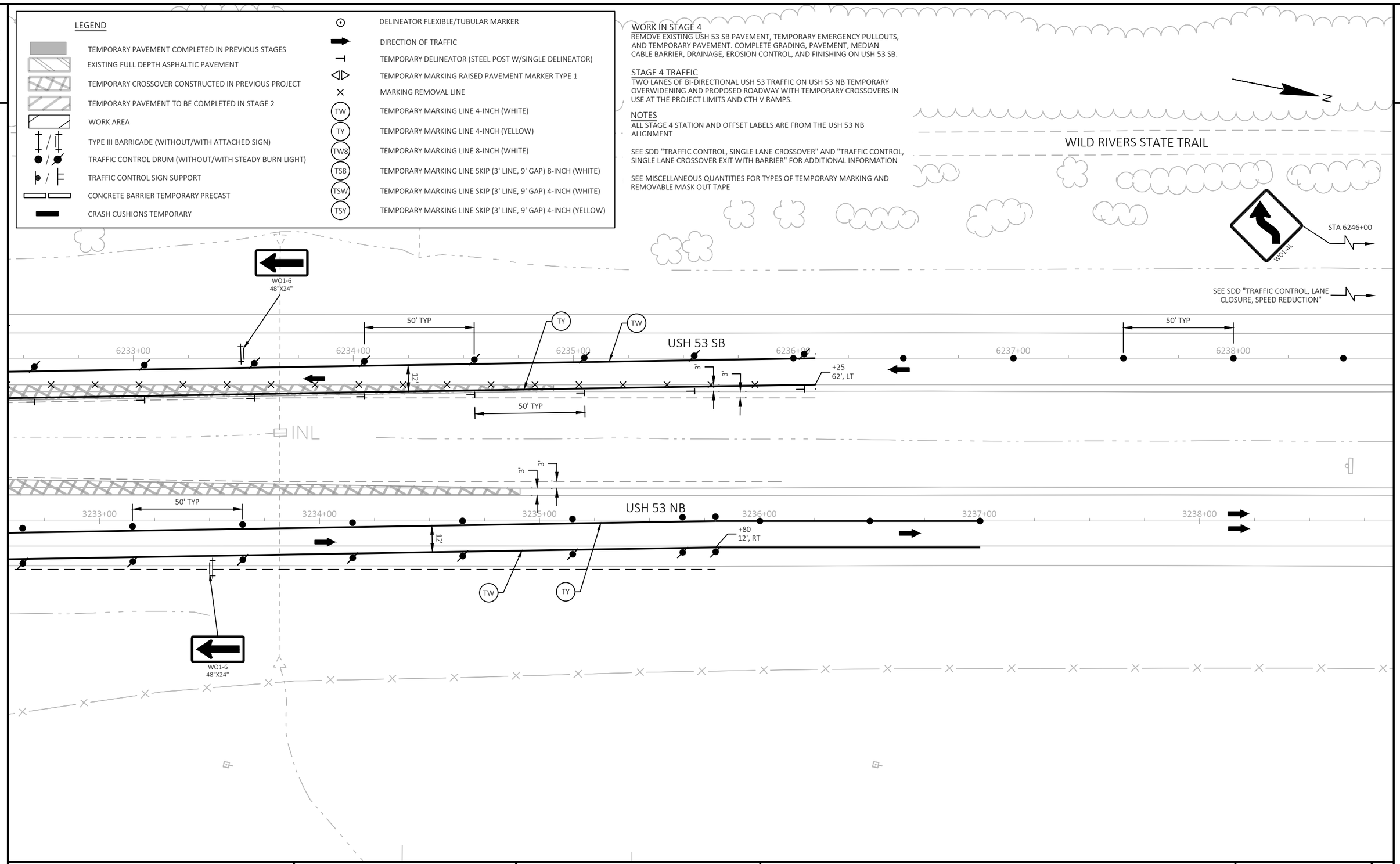
TWO LANES OF BI-DIRECTIONAL USH 53 TRAFFIC ON USH 53 NB TEMPORARY OVERWIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND CTH V RAMPS.

NOTES

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" AND "TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER" FOR ADDITIONAL INFORMATION

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 134	E

2

2

LEGEND

- PAVEMENT COMPLETED IN PREVIOUS STAGES * *
- TEMPORARY PAVEMENT (PREVIOUSLY UTILIZED FOR STAGE 2&4 CROSSOVER TRAFFIC)
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/ SINGLE DELINEATOR)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 5

REMOVE ALL CROSSOVERS, TEMPORARY EMERGENCY PULLOUTS, AND PLACE REMAINING USH 53 PASSING LANE PAVEMENT NEAR NORTH PROJECT LIMITS. COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING NEAR NORTH PROJECT LIMITS ON USH 53 PASSING LANES.

STAGE 5 TRAFFIC

ONE LANE OF TRAFFIC IN EACH DIRECTION OF USH 53 ON PROPOSED OUTSIDE SHOULDERS AND TRAVEL LANES.

NOTES

* * SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

* * * END SECTION REQUIRED, SEE SDD "CONCRETE BARRIER TEMPORARY PRECAST" FOR ADDITIONAL INFORMATION

ALL STAGE 5 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

N

WILD RIVERS STATE TRAIL

2'
8'
12'
6203+00
6204+00
6205+00
USH 53 SB
6206+00
50' TYP
6207+00
6208+00

50' TYP
3203+00
3204+00
3205+00
USH 53 NB
3206+00
3207+00
50' TYP
3208+00
12'
8'
2'
+70
12', RT
TW
TY

SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION"

STA 3196+00

WO1-4R

POST

GUY

WO1-6
48"X24"

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 5 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 135	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025105-TC.DWG
LAYOUT NAME - 01

PLOT DATE : 3/15/2022 10:56 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- PAVEMENT COMPLETED IN PREVIOUS STAGES **
- TEMPORARY PAVEMENT (PREVIOUSLY UTILIZED FOR STAGE 2&4 CROSSOVER TRAFFIC)
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/ SINGLE DELINEATOR)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 5

REMOVE ALL CROSSOVERS, TEMPORARY EMERGENCY PULLOUTS, AND PLACE REMAINING USH 53 PASSING LANE PAVEMENT NEAR NORTH PROJECT LIMITS. COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING NEAR NORTH PROJECT LIMITS ON USH 53 PASSING LANES.

STAGE 5 TRAFFIC

ONE LANE OF TRAFFIC IN EACH DIRECTION OF USH 53 ON PROPOSED OUTSIDE SHOULDERS AND TRAVEL LANES.

NOTES

** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

*** END SECTION REQUIRED, SEE SDD "CONCRETE BARRIER TEMPORARY PRECAST" FOR ADDITIONAL INFORMATION

ALL STAGE 5 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

N

WILD RIVERS STATE TRAIL

WO1-6
48"X24"

TW

TY

50' TYP

+35
86', LT

2'

8'

12'

6209+00 6210+00 6211+00 6212+00 6213+00 6214+00

50' TYP

USH 53 SB

+30
10', LT

15' MIN

***

50' TYP

8:1 TAPER

3209+00 3210+00 3211+00 3212+00 3213+00 3214+00

USH 53 NB

+50
8', RT

12'

16' CLEAR

4'

2'

1'

1'

50' TYP

TW

TY

WO5-52L
18"X54"
(MOUNT ON BARRIER)

TEMPORARY PAVEMENT TRANSITION
(CONSTRUCTED IN STAGE 2)

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 5 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 136	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025105-TC.DWG
LAYOUT NAME - 02

PLOT DATE : 3/15/2022 10:56 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- PAVEMENT COMPLETED IN PREVIOUS STAGES **
- TEMPORARY PAVEMENT (PREVIOUSLY UTILIZED FOR STAGE 2&4 CROSSOVER TRAFFIC)
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/ SINGLE DELINEATOR)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 5

REMOVE ALL CROSSOVERS, TEMPORARY EMERGENCY PULLOUTS, AND PLACE REMAINING USH 53 PASSING LANE PAVEMENT NEAR NORTH PROJECT LIMITS. COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING NEAR NORTH PROJECT LIMITS ON USH 53 PASSING LANES.

STAGE 5 TRAFFIC

ONE LANE OF TRAFFIC IN EACH DIRECTION OF USH 53 ON PROPOSED OUTSIDE SHOULDERS AND TRAVEL LANES.

NOTES

** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

*** END SECTION REQUIRED, SEE SDD "CONCRETE BARRIER TEMPORARY PRECAST" FOR ADDITIONAL INFORMATION

ALL STAGE 5 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

N

SEE DETAIL C OF SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES"

ZIMMERMAN RD

WILD RIVERS STATE TRAIL

WILD RIVERS STATE TRAIL

W01-4L

ROAD CLOSED
R11-2
48"X30"

ROAD CLOSED
R11-2
48"X30"

R3-1
36"X36"

TW

TY

50' TYP

6'

12'

2'

4'

USH 53 SB

6215+00 6216+00 6217+00 6218+00 6219+00 6220+00

+50
2', LT

+15
79', LT

50' TYP

USH 53 NB

3215+00 3216+00 3217+00 3218+00 3219+00 3220+00

16' CLEAR

12'

2'

4'

1'

1'

50' TYP

TW

TY

GUY
GUY
GUY
GUY

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 5 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 137	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025105-TC.DWG
LAYOUT NAME - 03

PLOT DATE : 3/15/2022 10:57 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- PAVEMENT COMPLETED IN PREVIOUS STAGES **
- TEMPORARY PAVEMENT (PREVIOUSLY UTILIZED FOR STAGE 2&4 CROSSOVER TRAFFIC)
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/ SINGLE DELINEATOR)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 5

REMOVE ALL CROSSOVERS, TEMPORARY EMERGENCY PULLOUTS, AND PLACE REMAINING USH 53 PASSING LANE PAVEMENT NEAR NORTH PROJECT LIMITS. COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING NEAR NORTH PROJECT LIMITS ON USH 53 PASSING LANES.

STAGE 5 TRAFFIC

ONE LANE OF TRAFFIC IN EACH DIRECTION OF USH 53 ON PROPOSED OUTSIDE SHOULDERS AND TRAVEL LANES.

NOTES

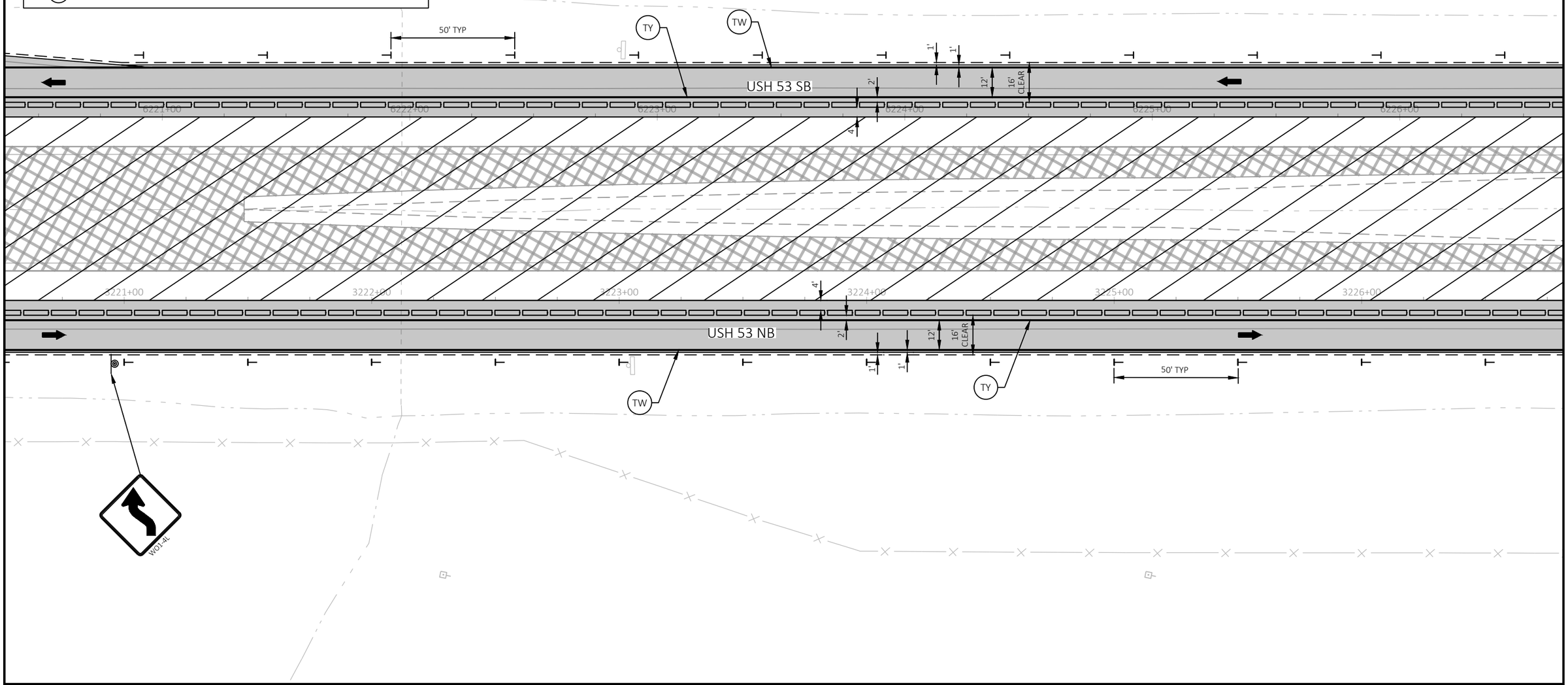
** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

*** END SECTION REQUIRED, SEE SDD "CONCRETE BARRIER TEMPORARY PRECAST" FOR ADDITIONAL INFORMATION

ALL STAGE 5 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

N

WILD RIVERS STATE TRAIL



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 5 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 138	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025105-TC.DWG
LAYOUT NAME - 04

PLOT DATE : 3/15/2022 10:57 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

LEGEND

- PAVEMENT COMPLETED IN PREVIOUS STAGES **
- TEMPORARY PAVEMENT (PREVIOUSLY UTILIZED FOR STAGE 2&4 CROSSOVER TRAFFIC)
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/ SINGLE DELINEATOR)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 5

REMOVE ALL CROSSOVERS, TEMPORARY EMERGENCY PULLOUTS, AND PLACE REMAINING USH 53 PASSING LANE PAVEMENT NEAR NORTH PROJECT LIMITS. COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING NEAR NORTH PROJECT LIMITS ON USH 53 PASSING LANES.

STAGE 5 TRAFFIC

ONE LANE OF TRAFFIC IN EACH DIRECTION OF USH 53 ON PROPOSED OUTSIDE SHOULDERS AND TRAVEL LANES.

NOTES

** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

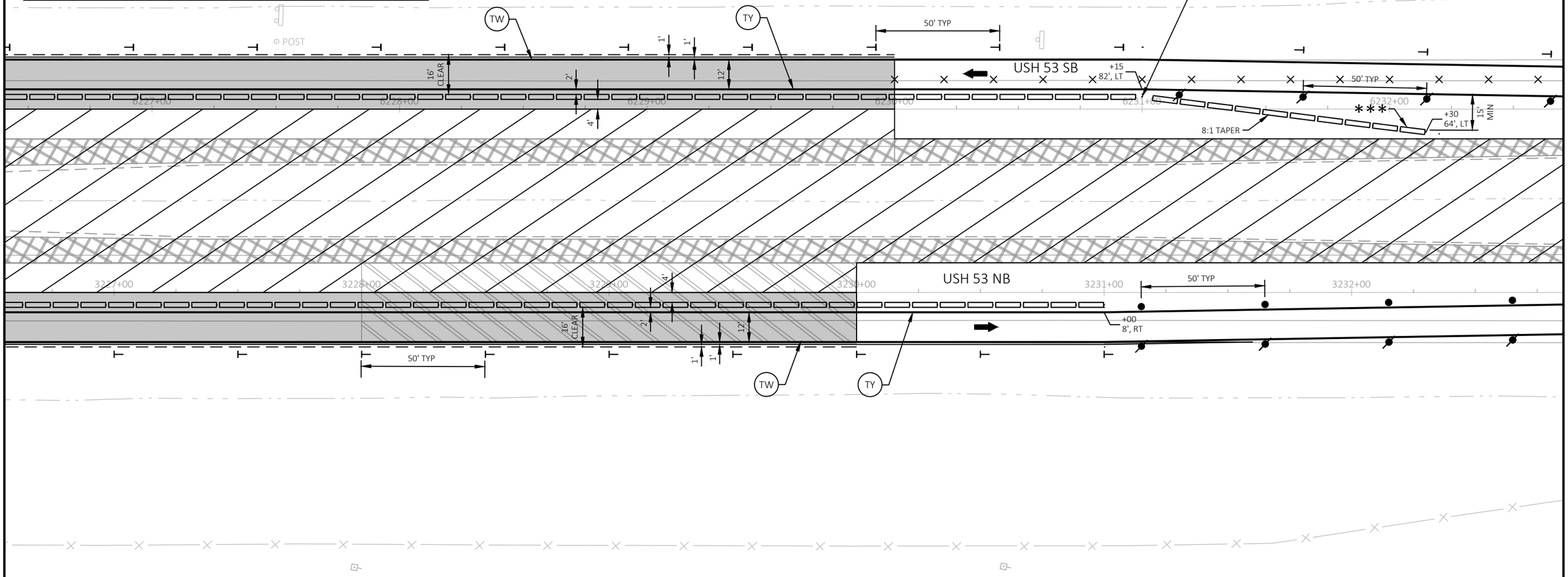
*** END SECTION REQUIRED, SEE SDD "CONCRETE BARRIER TEMPORARY PRECAST" FOR ADDITIONAL INFORMATION

ALL STAGE 5 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

N

WILD RIVERS STATE TRAIL

WO5-52L
18"X54"
(MOUNT ON BARRIER)



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 5 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 139	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025105-TC.DWG
LAYOUT NAME - 05

PLOT DATE : 3/15/2022 10:57 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

LEGEND

- PAVEMENT COMPLETED IN PREVIOUS STAGES **
- TEMPORARY PAVEMENT (PREVIOUSLY UTILIZED FOR STAGE 2&4 CROSSOVER TRAFFIC)
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST W/ SINGLE DELINEATOR)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 5

REMOVE ALL CROSSOVERS, TEMPORARY EMERGENCY PULLOUTS, AND PLACE REMAINING USH 53 PASSING LANE PAVEMENT NEAR NORTH PROJECT LIMITS. COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING NEAR NORTH PROJECT LIMITS ON USH 53 PASSING LANES.

STAGE 5 TRAFFIC

ONE LANE OF TRAFFIC IN EACH DIRECTION OF USH 53 ON PROPOSED OUTSIDE SHOULDERS AND TRAVEL LANES.

NOTES

** SAWING AND REMOVAL OF TEMPORARY OVER WIDENING AND TEMPORARY CROSSOVERS WILL BE COMPLETED IN STAGE 5

*** END SECTION REQUIRED, SEE SDD "CONCRETE BARRIER TEMPORARY PRECAST" FOR ADDITIONAL INFORMATION

ALL STAGE 5 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT

N

WILD RIVERS STATE TRAIL

STA 6246+00

W01-4R

SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION"

W01-6
48"X24"

50' TYP

TW

TY

USE REMOVABLE MASK-OUT TAPE ON EXISTING CONCRETE TO REMAIN

+95
86', LT

12'

6233+00 6234+00 6235+00 USH 53 SB 6236+00 6237+00 6238+00

50' TYP

50' TYP

3233+00 3234+00 3235+00 USH 53 NB 3236+00 3237+00 3238+00

50' TYP

12'

+80
12', RT

TW

TY

USE REMOVABLE MASK-OUT TAPE ON EXISTING CONCRETE TO REMAIN

W01-6
48"X24"

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 5 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 140	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\025105-TC.DWG
LAYOUT NAME - 06

PLOT DATE : 4/26/2022 11:14 AM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

LEGEND

- DELINEATED WETLAND BOUNDARY
- EXISTING R/W
- REMOVE AND REPLACE WOVEN WIRE FENCE
- EXISTING FENCE

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

NOTES
ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019

N

UNNAMED
OPEN WATER

5770+92.52
-146.79'

R=1641'

5775+27.07
-287.12'

5776+75.70
-136.41'

R=1663'

5789+15.91
-174.42'

5788+98.30
-99.93'

5790+99.41
-100.25'

5795+72.93
-65.87'

5799+89.92
-63.52'

R=1907'

2796+29.82
96.55'

2791+29.61
66.84'

2788+52.58
65.29'

2788+37.31
147.02'

2770+27.00
121.94'

2775+40.67
121.93'

R=2057'

2777+37.53
148.24'

USH 53 SB

USH 53 NB

26TH AVE

5770 2770 5775 2775 5780 2780 5785 2785 5790 2790 5795 2795 5800 2800

2

2

LEGEND

- DELINEATED WETLAND BOUNDARY
- EXISTING R/W
- REMOVE AND REPLACE WOVEN WIRE FENCE
- EXISTING FENCE

NOTES

ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019

COORDINATE SYSTEM NOTE

THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

CTH SS

19TH ST

USH 53 SB

USH 53 NB

5815+59.17
-68.06'

5814+86.69
-83.35'

5816+15.62
-83.35'

R=2067'

5823+02.07
-82.81'

5823+46.36
-81.40'

5823+74.67
-80.50'

5829+28.02
-62.94'

5805+05.30
-82.36'

5799+89.92
-63.52'

2805+73.34
72.47'

2816+29.23
46.72'

R=1766'

2799+71.14
96.28'

R=1907'

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	FENCING	SHEET 142	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 02

PLOT DATE : 1/24/2022 10:54 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

LEGEND

DELINEATED WETLAND BOUNDARY

EXISTING R/W

REMOVE AND REPLACE WOVEN WIRE FENCE

EXISTING FENCE

NOTES

ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019

COORDINATE SYSTEM NOTE

THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

N

27TH AVE

USH 53 SB

USH 53 NB

5833+06.70
-62.94'

5836+63.32
-52.95'

5841+28.06
-67.90'

5850+46.08
-67.98'

R=5261'

2836+46.30
61.96'

2835+06.79
131.72'

2849+28.95
61.57'

2855+29.10
111.74'

R=5832'

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	FENCING	SHEET 143	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 03

PLOT DATE : 1/24/2022 10:54 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

LEGEND

DELINEATED WETLAND BOUNDARY

EXISTING R/W

REMOVE AND REPLACE WOVEN WIRE FENCE

EXISTING FENCE

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

NOTES
ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019

BEAR CREEK

UNNAMED

WATERWAY

CTH V

R=5261'

5863+12.34
-117.97'

5865+11.11
-88.00'

5873+11.48
-88.00'

5876+61.37
-118.00'

5876+11.48
-118.00'

5876+88.20
-98.90'

5877+11.26
-118.00'

5877+90.05
-114.06'

5883+11.70
-87.94'

5886+24.27
-87.75'

5888+02.19
-163.99'

5889+79.38
-143.74'

5889+66.72
-99.76'

5865 5870 5875 USH 53 SB 5880 5885 5890

2865 2870 2875 USH 53 NB 2880 2885 2890

R=5832'

2863+30.58
111.43'

2877+28.95
112.00'

2877+98.06
115.42'

2878+17.06
115.63'

2879+42.23
92.95'

2879+65.51
93.91'

2880+10.43
106.58'

2881+11.80
108.72'

2883+29.05
93.57'

2884+56.69
118.91'

2885+72.17
82.28'

2887+73.89
191.65'

2888+97.81
124.63'

2889+05.22
99.71'

2888+56.19
812.07'

2891+55.23
859.64'

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	FENCING	SHEET 144	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 04

PLOT DATE : 1/24/2022 10:55 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

LEGEND

- DELINEATED WETLAND BOUNDARY
- EXISTING R/W
- REMOVE AND REPLACE WOVEN WIRE FENCE
- EXISTING FENCE

NOTES

ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019

COORDINATE SYSTEM NOTE

THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

N

5892+55.74
-855.31'

R=306'

5893+91.52
-749.99'

5895+73.41
-667.11'

R=447'

5894+89.32
-711.26'

DRIVEWAY TO FIELD

USH 53 SB EXIT RAMP

USH 53 SB ENTRANCE RAMP

INSTALL FENCE TO AVOID EXISTING ROCK DITCH CHECKS ALONG THIS SEGMENT

5902+10.00
-240.97'

5904+09.65
-195.31'

5905+99.16
-151.96'

5907+11.46
-165.00'

5909+11.11
-160.00'

5911+32.36
-132.85'

5915+27.27
-126.26'

RIPRAP REPAIR, SEE CONSTRUCTION DETAIL FOR ADDITIONAL INFORMATION

5895 5900 5905 USH 53 SB 5910 5915 5920

2895 2900 2905 USH 53 NB 2910 2915 2920

USH 53 NB EXIT RAMP

USH 53 NB ENTRANCE RAMP

2904+28.56
95.00'

2901+57.21
151.87'

2897+91.53
363.34'

2895+40.00
597.63'

2894+15.69
752.32'

2891+55.23
859.64'

2913+28.78
95.00'

2914+28.88
88.61'

2914+83.63
92.27'

2916+30.27
102.07'

2921+30.20
102.04'

UNNAMED OPEN WATER

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	FENCING	SHEET 145	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 05

PLOT DATE : 2/3/2022 7:24 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

LEGEND

- DELINEATED WETLAND BOUNDARY
- EXISTING R/W
- REMOVE AND REPLACE WOVEN WIRE FENCE
- EXISTING FENCE

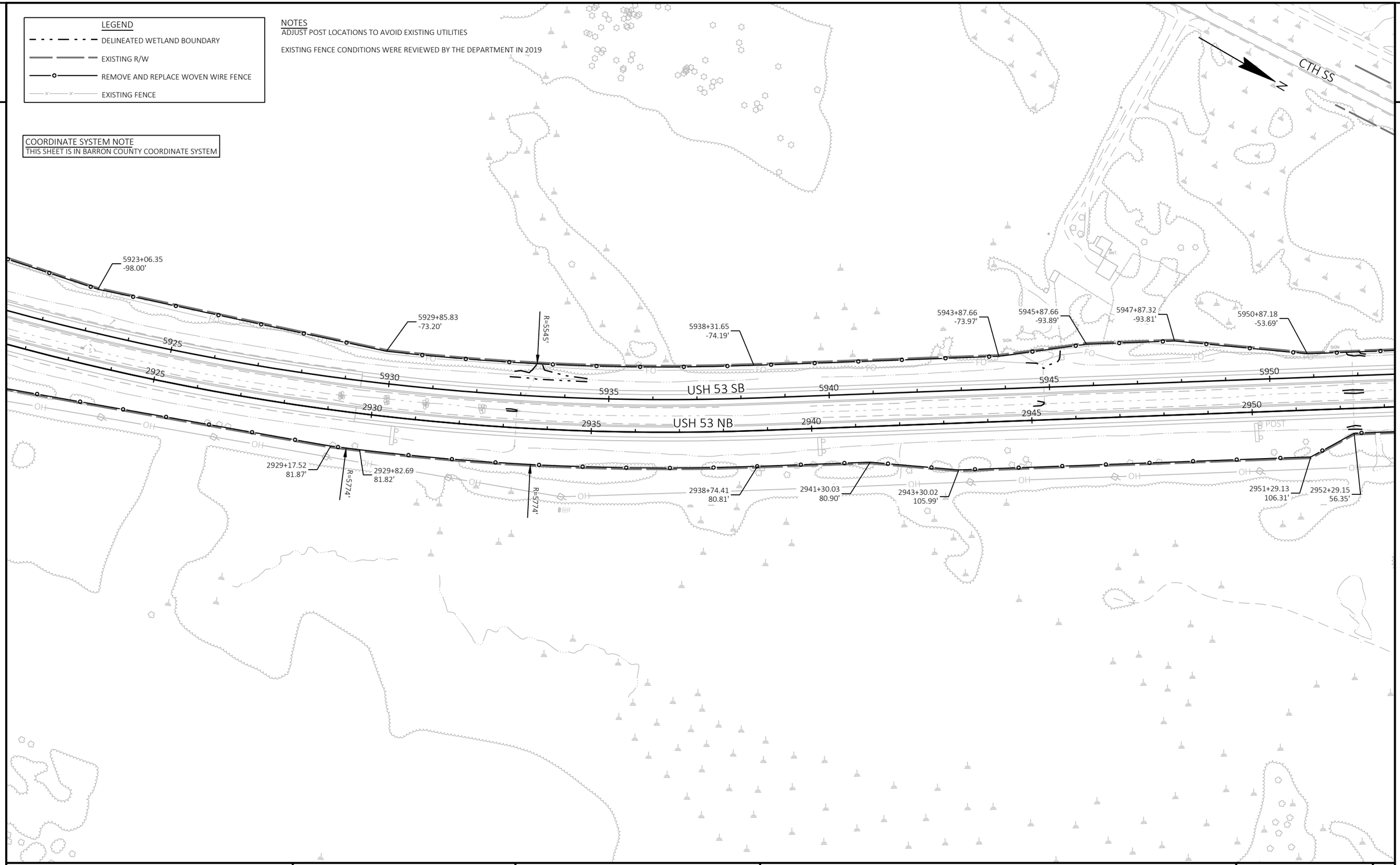
NOTES

ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019

COORDINATE SYSTEM NOTE

THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	FENCING	SHEET 146	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 06

PLOT DATE : 1/24/2022 10:56 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

2

LEGEND

DELINEATED WETLAND BOUNDARY

EXISTING R/W

REMOVE AND REPLACE WOVEN WIRE FENCE

EXISTING FENCE

NOTES

ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019

COORDINATE SYSTEM NOTE

THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

N

UNNAMED OPEN WATER

FENCING REMOVAL LIMITS

CTH SS

WILD RIVERS STATE TRAIL

UNNAMED OPEN WATER

5963+84.39
-101.61'

5958+86.42
-98.36'

5956+21.24
-104.72'

5953+22.53
-53.59'

USH 53 SB

USH 53 NB

5955

5960

5965

5970

5975

5980

2955

2960

2965

2970

2975

2980

2962+88.64
56.78'

2965+29.70
86.68'

2967+29.43
56.63'

R=2808'

2970+11.17
56.54'

2970+88.40
56.51'

2973+50.27
66.50'

2976+50.10
66.48'

2978+50.10
51.46'

SALVAGE AND REINSTALL EXISTING FENCE GATE

2952+29.15
56.35'

UNNAMED OPEN WATER

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	FENCING	SHEET 147	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 07

PLOT DATE : 1/24/2022 10:57 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

2

LEGEND
- DELINEATED WETLAND BOUNDARY
- EXISTING R/W
- REMOVE AND REPLACE WOVEN WIRE FENCE
- EXISTING FENCE

NOTES
ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

N

18TH ST

30TH AVE

SEE WASHBURN COUNTY FENCING SHEETS

WILD RIVERS STATE TRAIL

WILD RIVERS STATE TRAIL

USH 53 SB

USH 53 NB

5985 5990 5995 6000 6005 6010

2985 2990 2995 3000 3005 3010

2985+76.13
51.42'

2986+53.02
51.94'

2998+04.13
51.34'

2999+17.00
115.78'

30TH AVE

BARRON COUNTY

WASHBURN COUNTY

SEE WASHBURN COUNTY FENCING SHEETS

NO FENCING REPAIRS FROM STA 2999+17 TO STA 3046+54

MONDAY LAKE

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	FENCING	SHEET 148	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 08

PLOT DATE : 1/24/2022 10:57 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

LEGEND

- DELINEATED WETLAND BOUNDARY
- EXISTING R/W
- REMOVE AND REPLACE WOVEN WIRE FENCE
- EXISTING FENCE

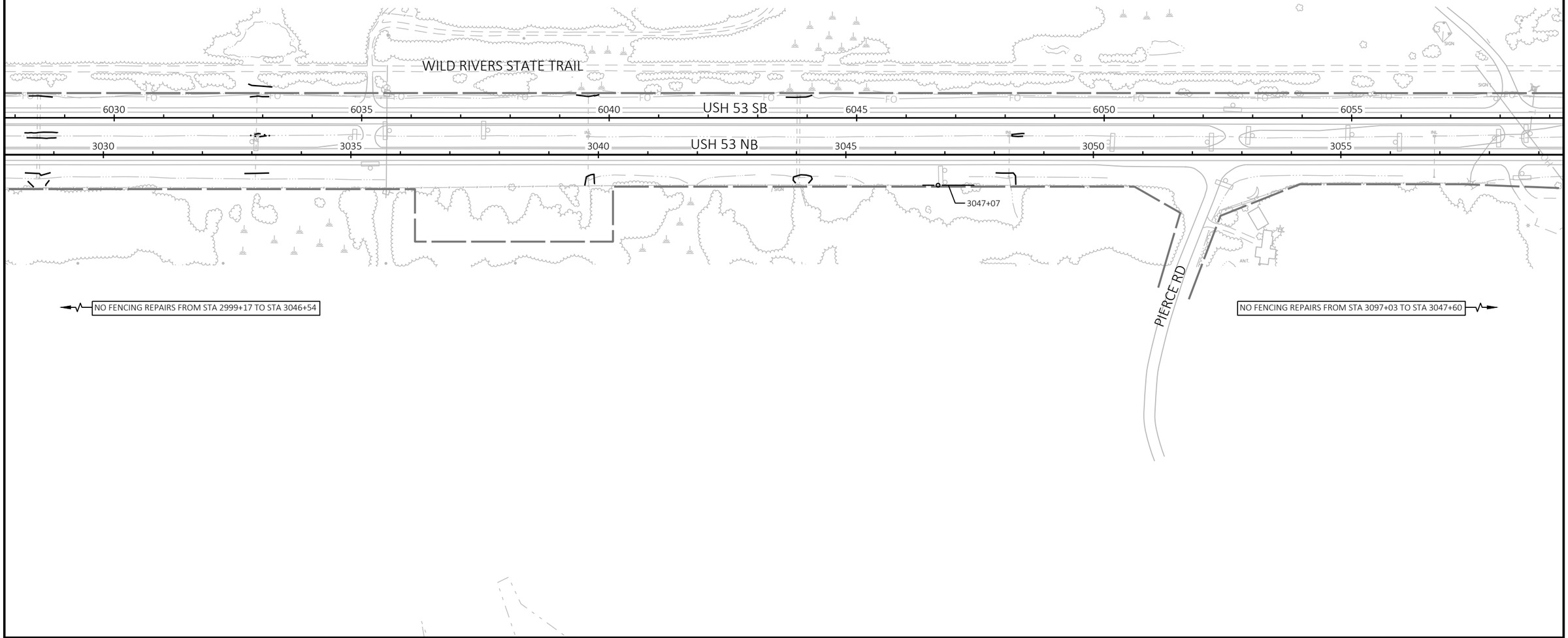
NOTES

STATION LABELS INDICATE APPROXIMATE CENTER OF FENCE SECTION TO BE REMOVED AND REPLACED, SEE MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION

ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	FENCING	SHEET 149	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 10

PLOT DATE : 1/24/2022 10:58 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

LEGEND

- DELINEATED WETLAND BOUNDARY
- EXISTING R/W
- REMOVE AND REPLACE WOVEN WIRE FENCE
- EXISTING FENCE

NOTES

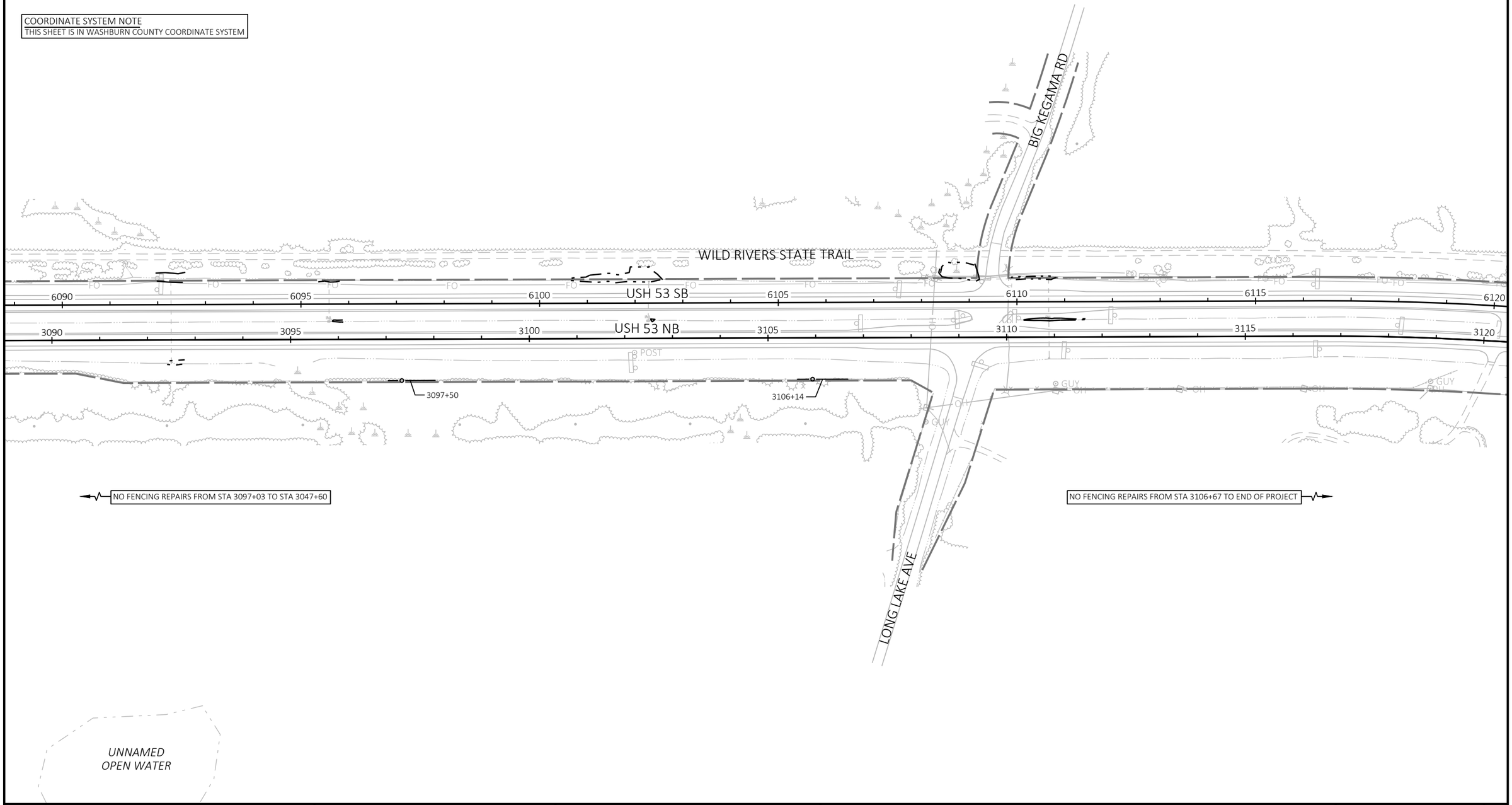
STATION LABELS INDICATE APPROXIMATE CENTER OF FENCE SECTION TO BE REMOVED AND REPLACED, SEE MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION

ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019

COORDINATE SYSTEM NOTE

THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

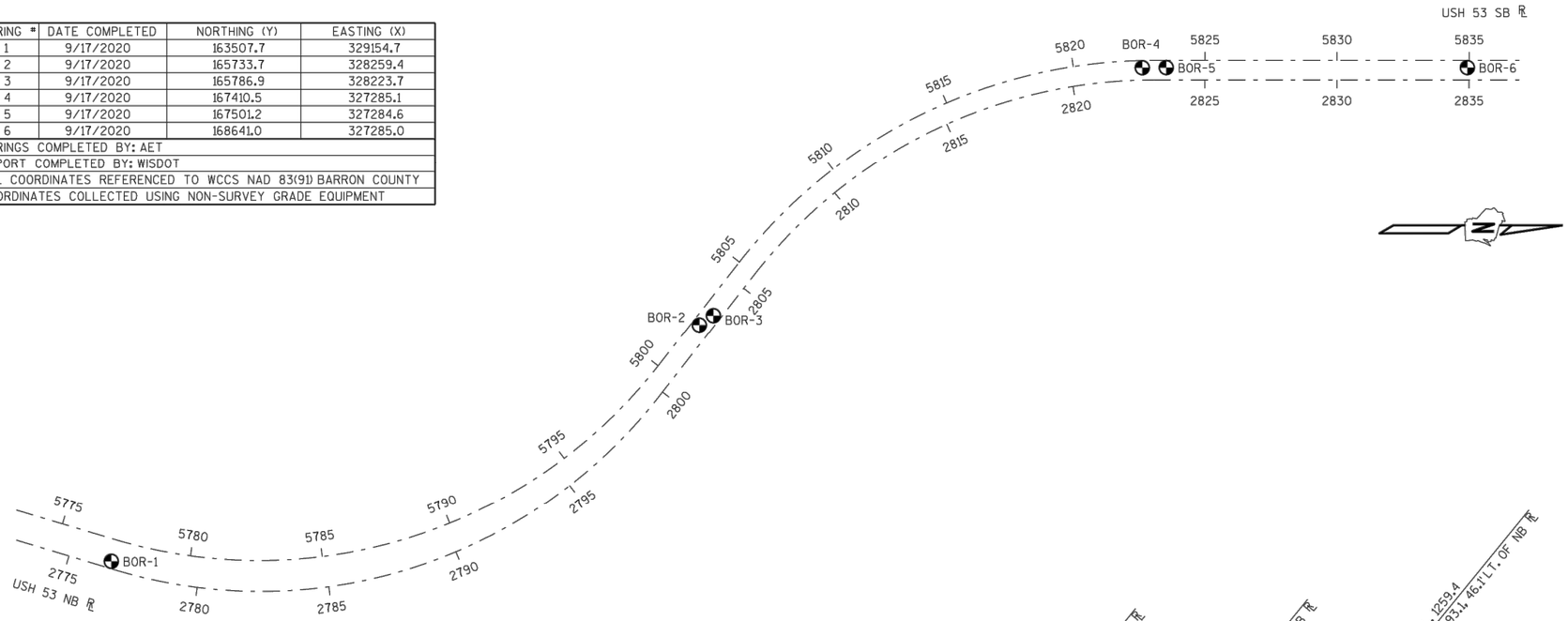


PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	FENCING	SHEET 150	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 12

PLOT DATE : 1/24/2022 10:58 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
1	9/17/2020	163507.7	329154.7
2	9/17/2020	165733.7	328259.4
3	9/17/2020	165786.9	328223.7
4	9/17/2020	167410.5	327285.1
5	9/17/2020	167501.2	327284.6
6	9/17/2020	168641.0	327285.0
BORINGS COMPLETED BY: AET			
REPORT COMPLETED BY: WISDOT			
ALL COORDINATES REFERENCED TO WCCS NAD 83(91) BARRON COUNTY			
COORDINATES COLLECTED USING NON-SURVEY GRADE EQUIPMENT			



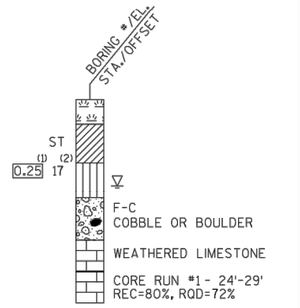
STATE PROJECT NUMBER

1198-10-78

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



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(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

- AT TIME OF DRILLING
- END OF DRILLING
- AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

PLANS PROVIDED FROM WISDOT STRUCTURES DESIGN SECTION

PROJECT NO: 1198-10-78	HWY: USH 53	COUNTY: BARRON	SOIL BORING REPORTS FOR CABLE BARRIER	SHEET 151	E

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
1	9/17/2020	163507.7	329154.7
2	9/17/2020	165733.7	328259.4
3	9/17/2020	165786.9	328223.7
4	9/17/2020	167410.5	327285.1
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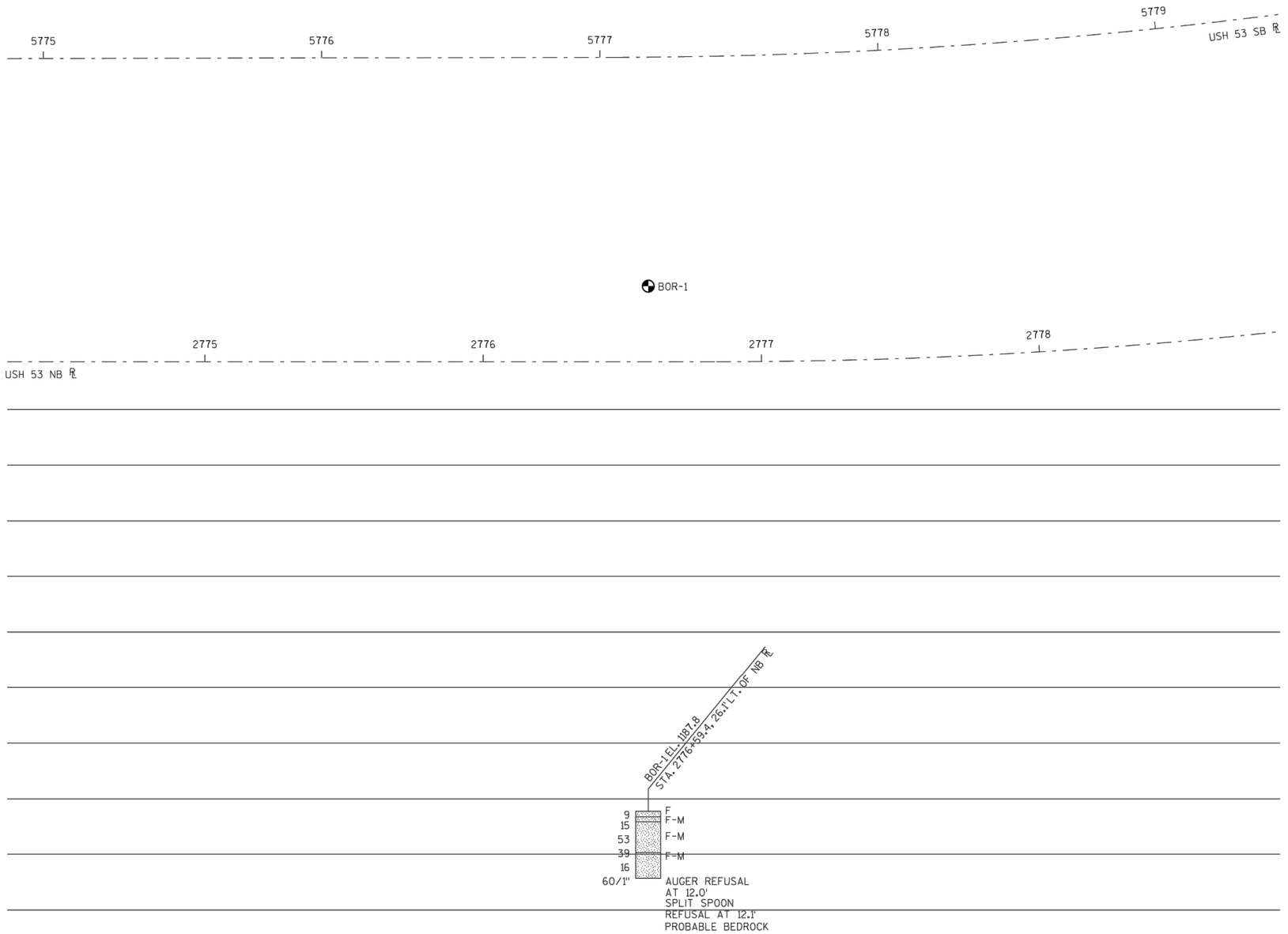
6	9/17/2020	168641.0	327285.0
BORINGS COMPLETED BY: AET			
REPORT COMPLETED BY: WISDOT			
ALL COORDINATES REFERENCED TO WCCS NAD 83(91) BARRON COUNTY			
COORDINATES COLLECTED USING NON-SURVEY GRADE EQUIPMENT			



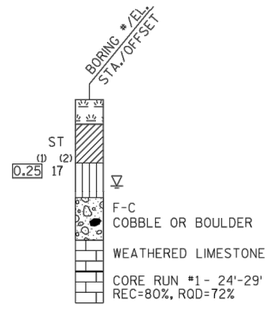
STATE PROJECT NUMBER

1198-10-78

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



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GROUND WATER ELEVATION

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ABBREVIATIONS

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BORINGS COMPLETED BY: AET			
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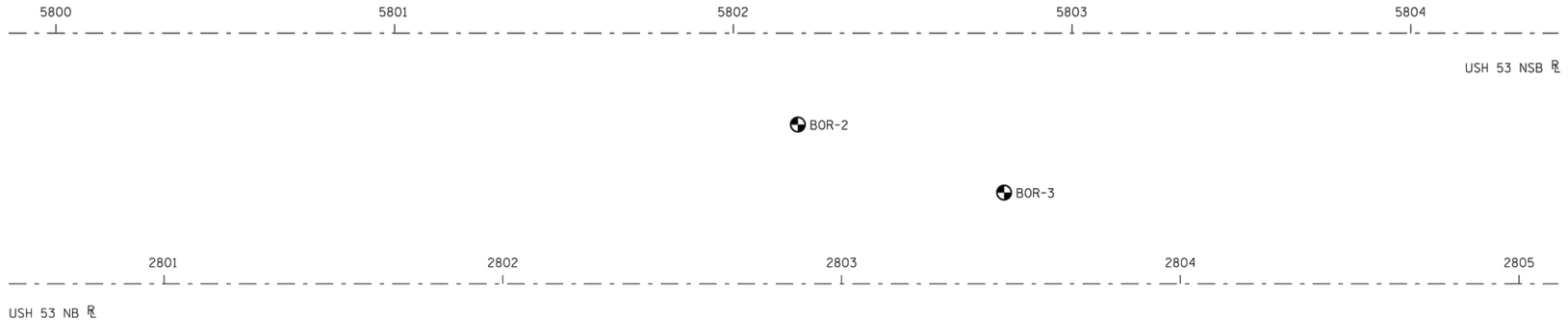
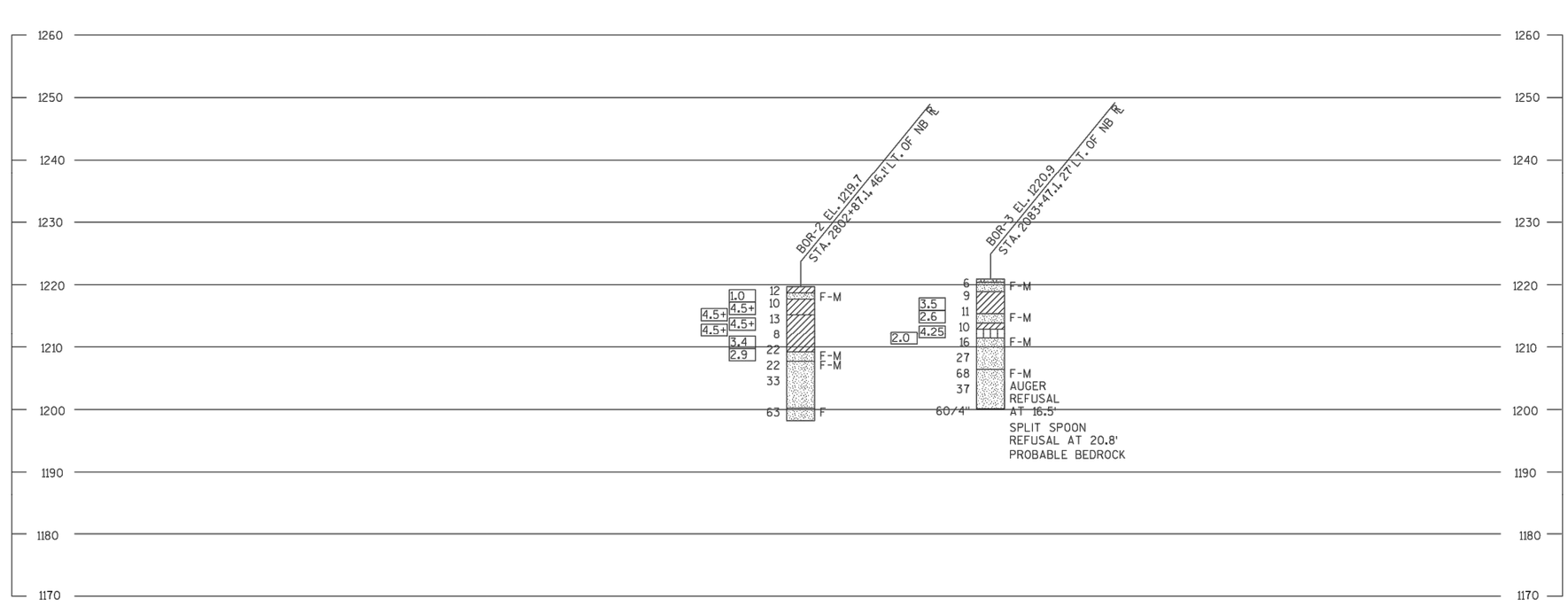
ALL COORDINATES REFERENCED TO WCCS NAD 83(91) BARRON COUNTY			
COORDINATES COLLECTED USING NON-SURVEY GRADE EQUIPMENT			





STATE PROJECT NUMBER

1198-10-78

MATERIAL SYMBOLS

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CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
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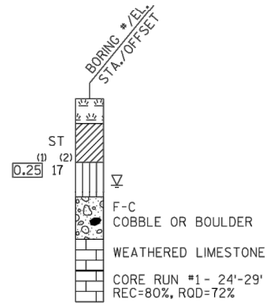
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



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PLANS PROVIDED FROM WISDOT STRUCTURES DESIGN SECTION

PROJECT NO: 1198-10-78	HWY: USH 53	COUNTY: BARRON	SOIL BORING REPORTS FOR CABLE BARRIER	SHEET 153	E

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
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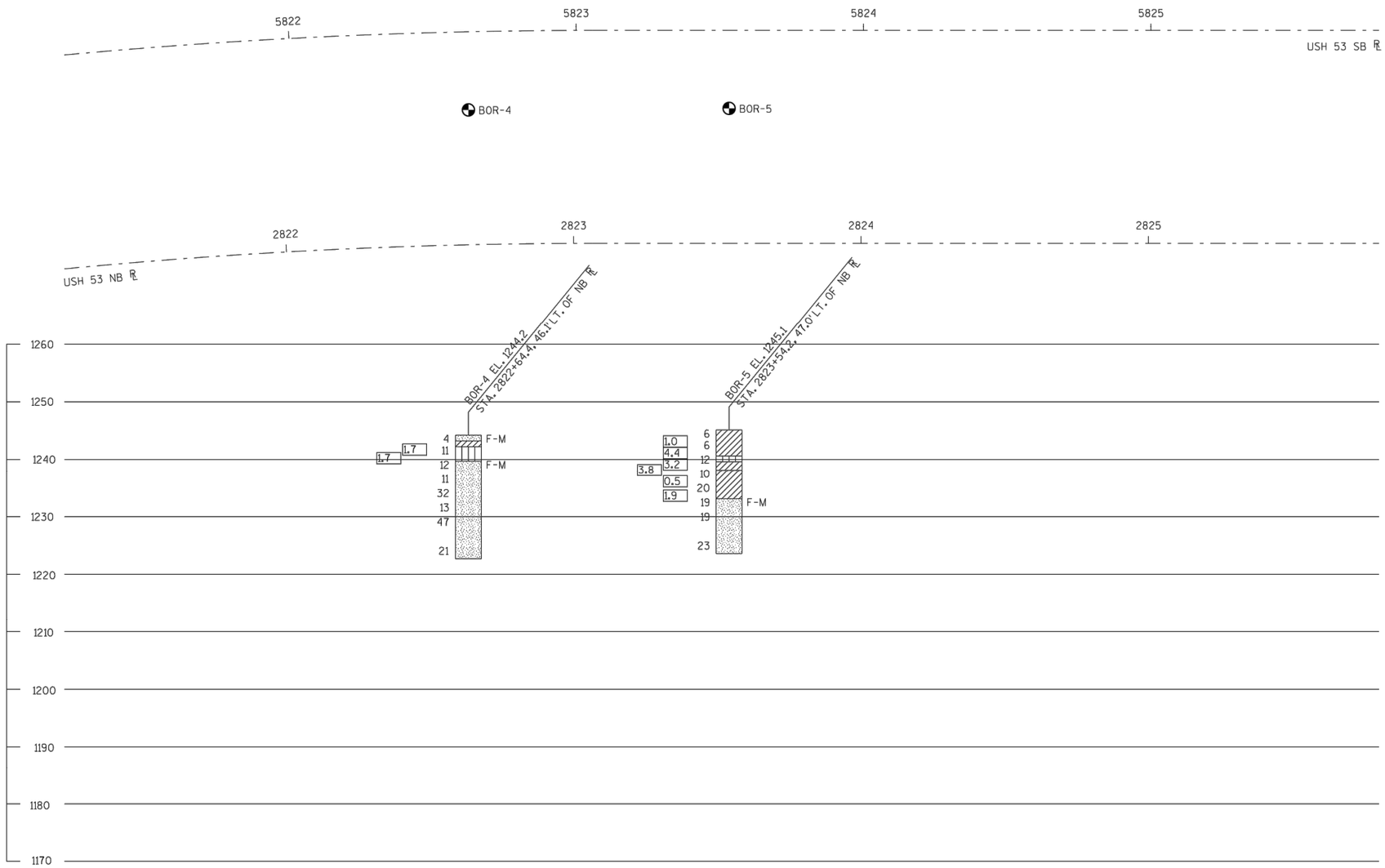
COORDINATES COLLECTED USING NON-SURVEY GRADE EQUIPMENT			



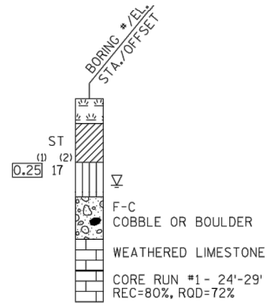
STATE PROJECT NUMBER

1198-10-78

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



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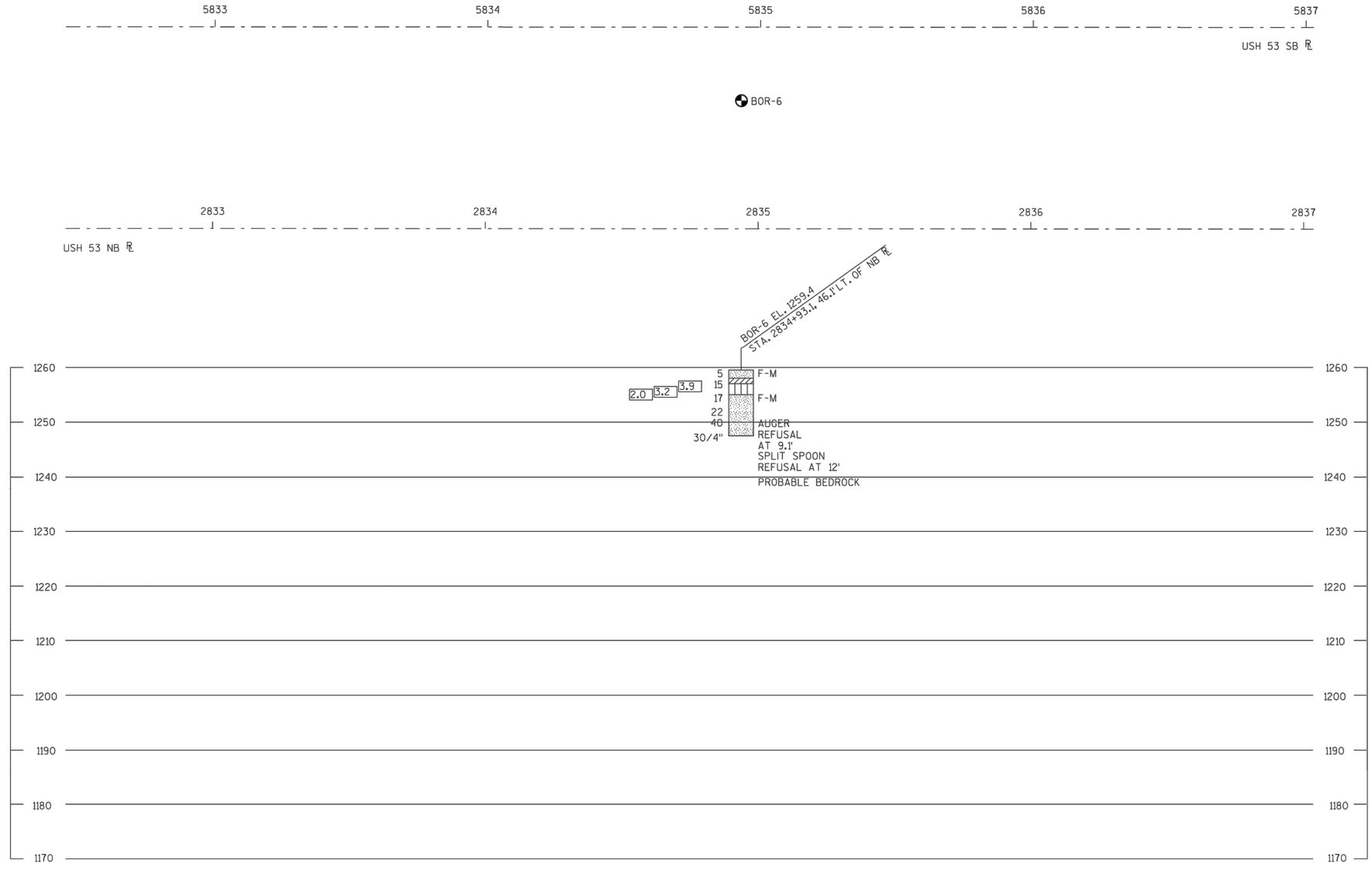


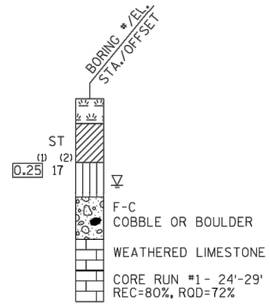
STATE PROJECT NUMBER

1198-10-98

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



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GROUND WATER ELEVATION

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ABBREVIATIONS

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PLANS PROVIDED FROM WISDOT STRUCTURES DESIGN SECTION

PROJECT NO: 1198-10-78	HWY: USH 53	COUNTY: BARRON	SOIL BORING REPORTS FOR CABLE BARRIER	SHEET 155	E

Estimate Of Quantities

Line	Item	Item Description	Unit	Total	1198-10-77 Qty	1198-10-78 Qty
0002	203.0100	Removing Small Pipe Culverts	EACH	10.000	10.000	
0004	204.0100	Removing Concrete Pavement	SY	216,570.000	216,570.000	
0006	204.0150	Removing Curb & Gutter	LF	770.000	770.000	
0008	204.0170	Removing Fence	LF	34,720.000	34,720.000	
0010	204.0180	Removing Delineators and Markers	EACH	338.000	338.000	
0012	204.0190	Removing Surface Drains	EACH	2.000	2.000	
0014	204.0220	Removing Inlets	EACH	15.000	15.000	
0016	204.0245	Removing Storm Sewer (size) 01. 18-Inch	LF	84.000	84.000	
0018	204.0245	Removing Storm Sewer (size) 02. 24-Inch	LF	532.000	532.000	
0020	204.0245	Removing Storm Sewer (size) 03. 30-Inch	LF	114.000	114.000	
0022	204.9060.S	Removing (item description) 01. Endwalls	EACH	15.000	15.000	
0024	205.0100	Excavation Common	CY	188,592.000	188,592.000	
0026	205.3000.S	Temporary Emergency Pullouts	EACH	13.000	13.000	
0028	208.0100	Borrow	CY	148.000	148.000	
0030	209.1100	Backfill Granular Grade 1	CY	3,601.000	3,601.000	
0032	213.0100	Finishing Roadway (project) 01. 1198-10-77	EACH	1.000	1.000	
0034	213.0100	Finishing Roadway (project) 02. 1198-10-78	EACH	1.000		1.000
0036	305.0110	Base Aggregate Dense 3/4-Inch	TON	15,970.000	15,970.000	
0038	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	163,590.000	163,590.000	
0040	415.0095	Concrete Pavement 9 1/2-Inch	SY	235,800.000	235,800.000	
0042	415.0210	Concrete Pavement Gaps	EACH	29.000	29.000	
0044	416.0610	Drilled Tie Bars	EACH	50.000	50.000	
0046	416.0620	Drilled Dowel Bars	EACH	340.000	340.000	
0048	416.1010	Concrete Surface Drains	CY	0.800	0.800	
0050	416.1110	Concrete Shoulder Rumble Strips	LF	79,600.000	79,600.000	
0052	416.1710	Concrete Pavement Repair	SY	130.000	130.000	
0054	450.4000	HMA Cold Weather Paving	TON	3,660.000	3,660.000	
0056	455.0605	Tack Coat	GAL	7,210.000	7,210.000	
0058	460.2000	Incentive Density HMA Pavement	DOL	15,720.000	15,720.000	
0060	460.6224	HMA Pavement 4 MT 58-28 S	TON	13,880.000	13,880.000	
0062	460.6244	HMA Pavement 4 MT 58-34 S	TON	10,670.000	10,670.000	
0064	465.0110	Asphaltic Surface Patching	TON	150.000	150.000	
0066	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	290.000	290.000	
0068	465.0125	Asphaltic Surface Temporary	TON	5,860.000	5,860.000	
0070	465.0310	Asphaltic Curb	LF	25.000	25.000	
0072	465.0315	Asphaltic Flumes	SY	105.000	105.000	
0074	465.0400	Asphaltic Shoulder Rumble Strips	LF	81,100.000	81,100.000	
0076	520.8000	Concrete Collars for Pipe	EACH	14.000	14.000	
0078	520.8700	Cleaning Culvert Pipes	EACH	46.000	46.000	
0080	521.1615	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 15-Inch 10 to 1	EACH	1.000	1.000	
0082	521.1618	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 10 to 1	EACH	16.000	16.000	
0084	521.1624	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 24-Inch 10 to 1	EACH	2.000	2.000	
0086	522.0418	Culvert Pipe Reinforced Concrete Class IV 18-Inch	LF	578.000	578.000	
0088	522.0424	Culvert Pipe Reinforced Concrete Class IV 24-Inch	LF	70.000	70.000	
0090	522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	1.000	1.000	
0092	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	18.000	18.000	
0094	522.1036	Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	EACH	1.000	1.000	
0096	522.2624	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	EACH	2.000	2.000	
0098	531.1100	Concrete Masonry Ancillary Structures Type NS	CY	14.800	14.800	

Line	Item	Item Description	Unit	Total	1198-10-77 Qty	1198-10-78 Qty
0100	531.1140	Steel Reinforcement HS Ancillary Structures Type NS	LB	2,060.000	2,060.000	
0102	531.2024	Drilling Shaft 24-Inch	LF	112.000	112.000	
0104	601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	720.000	720.000	
0106	603.8000	Concrete Barrier Temporary Precast Delivered	LF	7,135.000	7,135.000	
0108	603.8125	Concrete Barrier Temporary Precast Installed	LF	7,135.000	7,135.000	
0110	603.8500	Anchoring Concrete Barrier Temporary Precast	LF	2,240.000	2,240.000	
0112	606.0200	Riprap Medium	CY	5.000	5.000	
0114	606.0300	Riprap Heavy	CY	60.000	60.000	
0116	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	8.000	8.000	
0118	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	408.000	408.000	
0120	608.0330	Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	LF	32.000	32.000	
0122	608.0336	Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	LF	116.000	116.000	
0124	608.2324	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	LF	154.000	154.000	
0126	608.3015	Storm Sewer Pipe Class III-A 15-Inch	LF	110.000	110.000	
0128	611.0430	Reconstructing Inlets	EACH	1.000	1.000	
0130	611.0642	Inlet Covers Type MS	EACH	31.000	31.000	
0132	611.3901	Inlets Median 1 Grate	EACH	1.000	1.000	
0134	611.3902	Inlets Median 2 Grate	EACH	15.000	15.000	
0136	611.8120.S	Cover Plates Temporary	EACH	6.000	6.000	
0138	613.1100.S	Cable Barrier Type 1	LF	5,690.000		5,690.000
0140	613.1200.S	Cable Barrier End Terminal Type 1	EACH	6.000		6.000
0142	614.0396	Guardrail Mow Strip Asphalt	SY	480.000	480.000	
0144	614.0905	Crash Cushions Temporary	EACH	3.000	3.000	
0146	614.0920	Salvaged Rail	LF	1,095.000	1,095.000	
0148	614.0925	Salvaged Guardrail End Treatments	EACH	3.000	3.000	
0150	614.1000	MGS Guardrail Temporary	LF	275.000	275.000	
0152	614.1100	MGS Guardrail Temporary Thrie Beam Transition	LF	157.600	157.600	
0154	614.1200	MGS Guardrail Temporary Terminal EAT	EACH	4.000	4.000	
0156	614.2300	MGS Guardrail 3	LF	1,050.000	1,050.000	
0158	614.2610	MGS Guardrail Terminal EAT	EACH	3.000	3.000	
0160	616.0100	Fence Woven Wire (height) 01. 4-FT	LF	40,750.000	40,750.000	
0162	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1198-10-77	EACH	1.000	1.000	
0164	618.0100	Maintenance And Repair of Haul Roads (project) 02. 1198-10-78	EACH	1.000		1.000
0166	619.1000	Mobilization	EACH	1.000	0.990	0.010
0168	624.0100	Water	MGAL	1,500.000	1,500.000	
0170	625.0100	Topsoil	SY	10,700.000	10,700.000	
0172	625.0500	Salvaged Topsoil	SY	94,000.000	94,000.000	
0174	627.0200	Mulching	SY	15,500.000	15,500.000	
0176	628.1104	Erosion Bales	EACH	50.000	50.000	
0178	628.1504	Silt Fence	LF	3,400.000	3,400.000	
0180	628.1520	Silt Fence Maintenance	LF	3,400.000	3,400.000	
0182	628.1905	Mobilizations Erosion Control	EACH	18.000	18.000	
0184	628.1910	Mobilizations Emergency Erosion Control	EACH	10.000	10.000	
0186	628.2004	Erosion Mat Class I Type B	SY	89,200.000	89,200.000	
0188	628.7005	Inlet Protection Type A	EACH	70.000	70.000	
0190	628.7020	Inlet Protection Type D	EACH	5.000	5.000	
0192	628.7504	Temporary Ditch Checks	LF	1,800.000	1,800.000	
0194	628.7555	Culvert Pipe Checks	EACH	200.000	200.000	
0196	628.7560	Tracking Pads	EACH	8.000	8.000	

					1198-10-77	1198-10-78
Line	**Item**	**Item Description**	**Unit**	**Total**	**Qty**	**Qty**
0198	629.0210	Fertilizer Type B	CWT	121.000	121.000	
0200	630.0130	Seeding Mixture No. 30	LB	3,150.000	3,150.000	
0202	630.0200	Seeding Temporary	LB	450.000	450.000	
0204	630.0500	Seed Water	MGAL	2,150.000	2,150.000	
0206	631.0300	Sod Water	MGAL	1.500	1.500	
0208	631.1100	Sod Erosion Control	SY	15.000	15.000	
0210	633.0100	Delineator Posts Steel	EACH	210.000	210.000	
0212	633.0500	Delineator Reflectors	EACH	210.000	210.000	
0214	633.1100	Delineators Temporary	EACH	374.000	374.000	
0216	633.5200	Markers Culvert End	EACH	65.000	65.000	
0218	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	42.000	42.000	
0220	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	10.000	10.000	
0222	635.0200	Sign Supports Structural Steel HS	LB	8,694.000	8,694.000	
0224	637.1220	Signs Type I Reflective SH	SF	1,115.000	1,115.000	
0226	637.2210	Signs Type II Reflective H	SF	7.760	7.760	
0228	638.2102	Moving Signs Type II	EACH	223.000	223.000	
0230	638.2601	Removing Signs Type I	EACH	6.000	6.000	
0232	638.3100	Removing Structural Steel Sign Supports	EACH	12.000	12.000	
0234	642.5201	Field Office Type C	EACH	1.000	1.000	
0236	643.0300	Traffic Control Drums	DAY	181,840.000	181,840.000	
0238	643.0420	Traffic Control Barricades Type III	DAY	26,255.000	26,255.000	
0240	643.0500	Traffic Control Flexible Tubular Marker Posts	EACH	2,490.000	2,490.000	
0242	643.0600	Traffic Control Flexible Tubular Marker Bases	EACH	2,180.000	2,180.000	
0244	643.0705	Traffic Control Warning Lights Type A	DAY	42,620.000	42,620.000	
0246	643.0715	Traffic Control Warning Lights Type C	DAY	18,645.000	18,645.000	
0248	643.0800	Traffic Control Arrow Boards	DAY	950.000	950.000	
0250	643.0900	Traffic Control Signs	DAY	34,440.000	34,440.000	
0252	643.0920	Traffic Control Covering Signs Type II	EACH	127.000	127.000	
0254	643.1051	Traffic Control Signs PCMS with Cellular Communications	DAY	528.000	528.000	
0256	643.1070	Traffic Control Cones 42-Inch	DAY	2,400.000	2,400.000	
0258	643.3105	Temporary Marking Line Paint 4-Inch	LF	235,600.000	235,600.000	
0260	643.3120	Temporary Marking Line Epoxy 4-Inch	LF	6,285.000	6,285.000	
0262	643.3150	Temporary Marking Line Removable Tape 4-Inch	LF	129,680.000	129,680.000	
0264	643.3205	Temporary Marking Line Paint 8-Inch	LF	2,000.000	2,000.000	
0266	643.3220	Temporary Marking Line Epoxy 8-Inch	LF	985.000	985.000	
0268	643.3250	Temporary Marking Line Removable Tape 8-Inch	LF	900.000	900.000	
0270	643.3760	Temporary Marking Raised Pavement Marker Type I	EACH	420.000	420.000	
0272	643.3960	Temporary Marking Removable Mask Out Tape 6-Inch	LF	5,240.000	5,240.000	
0274	643.3970	Temporary Marking Removable Mask Out Tape 10-Inch	LF	800.000	800.000	
0276	643.4100	Traffic Control Interim Lane Closure	EACH	11.000	11.000	
0278	643.5000	Traffic Control	EACH	1.000	1.000	
0280	645.0120	Geotextile Type HR	SY	140.000	140.000	
0282	646.1020	Marking Line Epoxy 4-Inch	LF	1,000.000	1,000.000	
0284	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	166,200.000	166,200.000	
0286	646.1555	Marking Line Grooved Contrast Permanent Tape 4-Inch	LF	20,450.000	20,450.000	
0288	646.3555	Marking Line Grooved Contrast Permanent Tape 8-Inch	LF	4,400.000	4,400.000	
0290	646.5420	Marking Aerial Enforcement Bar Epoxy	EACH	20.000	20.000	
0292	646.6464	Cold Weather Marking Epoxy 4-Inch	LF	101,710.000	101,710.000	
0294	646.6468	Cold Weather Marking Epoxy 8-Inch	LF	2,610.000	2,610.000	

Line	Item	Item Description	Unit	Total	1198-10-77 Qty	1198-10-78 Qty
0296	646.9000	Marking Removal Line 4-Inch	LF	7,605.000	7,605.000	
0298	646.9050	Marking Removal Line Grooved Permanent Tape 4-Inch	LF	400.000	400.000	
0300	646.9100	Marking Removal Line 8-Inch	LF	100.000	100.000	
0302	650.4000	Construction Staking Storm Sewer	EACH	25.000	25.000	
0304	650.4500	Construction Staking Subgrade	LF	24,590.000	24,590.000	
0306	650.5000	Construction Staking Base	LF	24,590.000	24,590.000	
0308	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	720.000	720.000	
0310	650.6000	Construction Staking Pipe Culverts	EACH	11.000	11.000	
0312	650.7000	Construction Staking Concrete Pavement	LF	84,610.000	84,610.000	
0314	650.8000	Construction Staking Resurfacing Reference	LF	3,310.000	3,310.000	
0316	650.9911	Construction Staking Supplemental Control (project) 01. 1198-10-77	EACH	1.000	1.000	
0318	650.9911	Construction Staking Supplemental Control (project) 02. 1198-10-78	EACH	1.000		1.000
0320	650.9920	Construction Staking Slope Stakes	LF	96,850.000	96,850.000	
0322	690.0150	Sawing Asphalt	LF	16,620.000	16,620.000	
0324	690.0250	Sawing Concrete	LF	3,750.000	3,750.000	
0326	715.0715	Incentive Flexural Strength Concrete Pavement	DOL	70,740.000	70,740.000	
0328	740.0440	Incentive IRI Ride	DOL	61,860.000	61,860.000	
0330	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,100.000		2,100.000
0332	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	2,400.000		2,400.000
0334	SPV.0060	Special 01. Joint Ties for Concrete Pipe	EACH	210.000	210.000	
0336	SPV.0060	Special 02. Temp Apron Endwalls for Culv Pipe Sloped Side Drains Steel 18-Inch 10 to 1	EACH	1.000	1.000	
0338	SPV.0060	Special 03. Temporary Inlet Covers Type MS	EACH	5.000	5.000	
0340	SPV.0060	Special 04. Temporary Inlets Median 1 Grate	EACH	5.000	5.000	
0342	SPV.0060	Special 05. Salvage and Reinstall Existing Fence Gate	EACH	1.000	1.000	
0344	SPV.0090	Special 01. Ditch Cleaning	LF	1,530.000	1,530.000	
0346	SPV.0090	Special 02. Concrete Silane Sealer for PCC Saw Cuts	LF	217,330.000	217,330.000	
0348	SPV.0090	Special 03. Concrete Curb & Gutter Cure and Seal Treatment	LF	720.000	720.000	
0350	SPV.0090	Special 04. Temporary Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	16.000	16.000	
0352	SPV.0090	Special 05. Temporary Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	LF	8.000	8.000	
0354	SPV.0090	Special 06. Temporary Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	LF	14.000	14.000	
0356	SPV.0090	Special 07. Temporary Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	389.000	389.000	
0358	SPV.0090	Special 08. Temporary Storm Sewer Pipe Class III-A 18-Inch	LF	375.000	375.000	
0360	SPV.0180	Special 01. Fully Automated Resin Binder High Friction Surface Treatment	SY	25,620.000	25,620.000	

REMOVING DRAINAGE ITEMS

STAGE	STATION	TO	STATION	OFFSET	203.0100 REMOVING SMALL PIPE CULVERTS EACH	204.0220 REMOVING INLETS EACH	204.0245.01 REMOVING STORM SEWER (18-INCH) LF	204.0245.02 REMOVING STORM SEWER (24-INCH) LF	204.0245.03 REMOVING STORM SEWER (30-INCH) LF	204.9060.S.01 REMOVING ENDWALLS EACH	COMMENTS
1	2999+15			LT	--	--	--	16	--	--	24" SSPRC
STAGE 1 TOTAL					--	--	--	16	--	--	
2	2795+30			LT	--	1	--	16	--	--	24" SSPRC
2	2848+39			LT & RT	--	1	76	--	--	--	18" SSPRC
2	2933+28			RT	--	--	--	--	--	1	24" SSPRC
2	2985+49			RT	--	--	--	--	--	1	24" SSPRC
2	3003+49			RT	--	--	--	--	--	1	18" SSPRC
2	3028+66			RT	--	--	--	--	--	2	(2) 24" CPRC
2	3039+80			LT & RT	--	1	--	--	82	--	30" SSPRC
2	3075+50			RT	--	--	--	--	--	1	24" SSPRC
2	3082+90			RT	--	--	--	--	--	1	24" SSPRC
2	3110+89			RT	--	--	--	--	--	1	24" SSPRC
2	3222+12			RT	--	--	--	--	--	2	24" CPRC
STAGE 2 TOTALS					--	3	76	16	82	10	
4	2805+31			LT	--	1	--	8	--	--	24" SSPRC
4	2812+51			LT	--	1	--	8	--	--	24" SSPRC
4	2999+15			LT	--	1	--	--	--	--	24" SSPRC
4	5777+42			LT & RT	--	--	--	130	--	--	24" SSPRC
4	5827+37			RT	--	1	--	8	--	--	24" SSPRC
4	5835+63			LT	--	--	--	--	--	1	24" SSPRC
4	5933+10			LT	--	--	--	--	--	1	24" SSPRC
4	5944+87			LT & RT	--	1	--	78	--	--	24" SSPRC
4	5951+88			LT & RT	--	1	--	86	--	--	24" SSPRC
4	6032+88			LT	--	--	--	--	--	1	24" SSPRC
4	6039+58			LT & RT	--	--	--	76	--	--	30" SSPRC
4	6102+28			LT	--	--	--	--	--	1	24" SSPRC
4	6110+67			LT	--	--	--	--	--	1	24" SSPRC
STAGE 4 TOTALS					--	6	--	394	--	5	
5	2759+34			LT	--	1	--	--	16	--	30" SSPRC
5	2767+32			LT	--	1	--	--	16	--	30" SSPRC
5	2776+86			LT	--	1	--	8	--	--	24" SSPRC
5	2822+81	-	2823+52	LT	1	--	--	--	--	--	24" CPRC
5	5883+10			RT	--	1	8	--	--	--	18" SSPRC
5	2986+15			LT	1	--	--	--	--	--	18" CMCP
5	3018+56			LT	1	--	--	--	--	--	18" CMCP
5	3035+34			LT	1	--	--	--	--	--	18" CMCP
5	3052+82			LT	1	--	--	--	--	--	18" CMCP
5	3058+47			LT	1	--	--	--	--	--	18" CMCP
5	3134+24			LT	1	--	--	--	--	--	18" CMCP
5	3149+75			LT	1	--	--	--	--	--	18" CMCP
5	3166+89			LT	1	--	--	--	--	--	18" CMCP
5	3177+78			LT	1	--	--	--	--	--	18" CMCP
5	3188+29			LT	--	--	--	16	--	--	24" SSPRC
5	3188+29	-	3189+22	LT	--	2	--	98	--	--	24" SSPRC
STAGE 5 TOTALS					10	6	8	122	32	--	
TOTALS					10	15	84	532	114	15	

REMOVAL ITEMS

STAGE	STATION	TO	STATION	OFFSET	204.0100 REMOVING CONCRETE PAVEMENT SY	204.0150 REMOVING CURB & GUTTER LF	COMMENTS
2	2770+27	-	2878+16	LT & RT	28,770	--	MAINLINE (NB)
2	2775+60	-	2776+95	RT	--	160	26TH AVE
2	2834+00	-	2835+40	RT	--	140	27TH AVE
2	2929+63	-	3211+00	LT & RT	75,040	--	MAINLINE (NB)
2	2999+00	-	3000+40	RT	--	150	30TH AVE
2	3211+00	-	3228+00	LT & RT	2,270	--	MAINLINE DRIVING LANE (NB)
STAGE 2 TOTALS					106,080	450	
4	5770+92	-	5878+10	LT & RT	28,580	--	MAINLINE (SB)
4	5775+70	-	5777+00	LT	--	160	26TH AVE
4	5929+36	-	6219+00	LT & RT	77,240	--	MAINLINE (SB)
4	5999+70	-	6000+92	LT	--	160	30TH AVE
4	6219+00	-	6228+00	LT & RT	1,200	--	MAINLINE DRIVING LANE (SB)
STAGE 4 TOTALS					107,020	320	
5	3211+00	-	3228+00	LT & RT	2,270	--	MAINLINE PASSING LANE (NB)
5	6219+00	-	6228+00	LT & RT	1,200	--	MAINLINE PASSING LANE (SB)
STAGE 5 TOTALS					3,470		
TOTALS					216,570	770	

BASE AGGREGATE ITEMS

STAGE	STATION	TO	STATION	OFFSET	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	COMMENTS
1A	2755+50	-	2780+55	LT	720	7,768	SOUTH LIMIT TEMP CROSSOVER & 26TH TEMP WIDENING
1A	2876+43	-	2887+08	LT	131	1,412	CTH V SOUTH TEMP CROSSOVER
1A	2910+28	-	2927+28	LT	216	2,247	CTH V NORTH TEMP CROSSOVER
1A	5885+17	-	5889+10	RT	46	--	TEMPORARY GUARDRAIL
1A	5981+97	-	6006+33	RT	241	2,887	29 3/4 AVE & 30TH AVE TEMP WIDENING
1B	5770+38	-	5779+80	LT	67	--	26TH AVE TEMP WIDENING
1B	5887+24	-	5889+45	LT	26	--	TEMPORARY GUARDRAIL
1B	5983+07	-	6006+73	LT	204	--	29 3/4 AVE & 30TH AVE TEMP WIDENING
STAGE 1 TOTALS					1,651	14,314	
2	2770+27	-	2878+16	LT & RT	1,490	15,877	MAINLINE & STORM SEWER REPLACEMENTS
2	2770+27	-	2777+74	LT & RT	66	1,550	26TH AVE
2	2770+27	-	2780+14	LT	90	527	26TH AVE TEMP WIDENING
2	2831+72	-	2836+18	RT	36	764	27TH AVE
2	2873+10	-	2878+16	RT	110	493	GUARDRAIL REPLACEMENT
2	2890+49	-	2894+09	LT & RT	62	--	TEMPORARY GUARDRAIL
2	2929+63	-	3230+00	LT & RT	3,765	42,604	MAINLINE & STORM SEWER REPLACEMENTS
2	2981+27	-	2987+31	LT & RT	108	968	29 3/4 AVE
2	2982+03	-	3008+05	LT	157	1,663	29 3/4 AVE & 30TH AVE TEMP WIDENING
2	2994+95	-	3001+43	LT & RT	74	1,571	30TH AVE
2	3049+34	-	3053+87	LT & RT	48	702	PIERCE RD
2	3078+99	-	3083+45	LT & RT	49	709	A&J RD
2	3106+00	-	3111+27	LT & RT	90	1,318	LONG LAKE AVE
2	3144+99	-	3151+22	LT & RT	67	1,005	DUCK POND RD
2	3188+08	-	3189+49	LT	26	411	PINE GROVE RD
2	2770+27	-	3230+00	LT & RT	30	332	DRIVEWAYS
STAGE 2 TOTALS					6,270	70,495	
3	2873+25	-	2887+58	LT	110	1,538	CTH V SOUTH TEMP CROSSOVER
3	2878+16	-	2887+58	LT	79	177	MEDIAN SHOULDERS & GUARDRAIL REPLACEMENT
3	2910+28	-	2926+50	LT	142	1,669	CTH V NORTH TEMP CROSSOVER
3	2910+28	-	2916+68	LT	138	96	MEDIAN SHOULDERS (NB & SB)
STAGE 3 TOTALS					469	3,480	
4	5770+92	-	5878+10	LT & RT	1,499	15,960	MAINLINE & STORM SEWER REPLACEMENTS
4	5774+92	-	5782+84	LT & RT	77	1,596	26TH AVE
4	5873+71	-	5878+10	LT	62	584	GUARDRAIL
4	5929+36	-	6230+00	LT & RT	3,984	45,674	MAINLINE & STORM SEWER REPLACEMENTS
4	5985+58	-	5988+68	RT	20	331	29 3/4 AVE
4	5998+62	-	6005+10	LT & RT	68	1,474	30TH AVE
4	6052+02	-	6053+21	RT	26	382	PIERCE RD
4	6081+31	-	6082+67	RT	24	371	A&J RD
4	6107+67	-	6112+39	LT & RT	69	979	LONG LAKE AVE
4	6148+91	-	6150+23	RT	25	375	DUCK POND RD
4	6187+41	-	6191+66	LT & RT	27	413	PINE GROVE RD
4	6216+16	-	6221+46	LT & RT	58	856	ZIMMERMAN RD
4	5770+92	-	6230+00	LT & RT	20	149	DRIVEWAYS
STAGE 4 TOTALS					5,957	69,143	
5A	2755+50	-	2780+14	LT	361	183	SOUTH LIMIT TEMP CROSSOVER & REMOVE 26TH AVE OVER WIDENING
5A	2775+20	-	3218+30	LT	433	3,906	MEDIAN OPENINGS
5A	2873+25	-	2887+58	LT	141	99	MEDIAN SHOULDERS (NB & SB)
5A	2912+58	-	2926+50	LT	116	81	MEDIAN SHOULDERS (NB & SB)
5A	2982+03	-	3008+05	LT	223	--	REMOVE 29 3/4 AVE & 30TH AVE OVER WIDENING
5A	3211+00	-	3221+00	LT	131	728	MAINLINE (PASSING LANE)
5A	3214+49	-	3218+30	LT	26	534	SHORT CUT RD
5A	6219+00	-	6230+00	RT	101	565	MAINLINE (PASSING LANE)
5A	6229+85	-	6234+91	RT	92	64	MEDIAN SHOULDERS (NB & SB)
STAGE 5 TOTALS					1,624	6,158	
TOTALS					15,970	163,590	

NOTES:
1) A UNIT WEIGHT OF 2.1 TONS/CY WAS USED FOR BASE AGGREGATE DENSE 3/4-INCH
2) A UNIT WEIGHT OF 2.0 TONS/CY WAS USED FOR BASE AGGREGATE DENSE 1 1/4-INCH

3

EARTHWORK SUMMARY

DIVISION	STATION	TO	STATION	STAGE	LOCATION	205.0100 EXCAVATION COMMON (NOTE 1) CUT (NOTE 2) (CY)	205.0100 EXCAVATION COMMON (NOTE 1) CUT (EBS) (NOTE 3) (CY)	SALVAGED/UNUSABLE PAVEMENT MATERIAL (NOTE 4) (CY)	AVAILABLE MATERIAL (NOTE 5)	209.1100 BACKFILL GRANULAR GRADE 1 (NOTE 6) EXPANSION FACTOR 1.25 (CY)	UNEXPANDED FILL	EXPANDED FILL (NOTE 7) EXPANSION FACTOR 1.30	MASS ORDINATE +/- (NOTE 8)	208.0100 BORROW (CY)	COMMENTS
1															
	5756+08	-	5770+92	1A	SOUTH PROJECT LIMIT TEMPORARY CROSSOVER	1,713	1,998	146	1,567	2,499	2,347	3,052	-1,485	148	SEE NOTE 9
	5770+92	-	5780+91	1A	TEMPORARY WIDENING (26TH AVE)	764	--	144	620	--	34	44	576	--	
	100+01	-	110+65	1A	CTH V NB EXIT TEMPORARY RAMP CROSSOVER	416	--	37	379	--	367	478	-99	--	
	5885+55	-	5889+27	1A	TEMPORARY GUARDRAIL (CTH V)	135	--	--	135	--	24	31	104	--	
	105+85	-	122+74	1A	CTH V NB ENTRANCE TEMPORARY RAMP CROSSOVER	639	879	57	582	1,102	501	652	-70	--	SEE NOTE 9
	5981+97	-	6006+33	1A	TEMPORARY WIDENING (29 3/4 AVE TO 30TH AVE)	1,242	--	218	1,024	--	152	197	827	--	
SUBTOTALS						4,909	2,877	602	4,307	3,601	3,425	4,455	-148	148	
2															
	5770+37	-	5775+44	1B	SHOULDER REPLAEMENT (26TH AVE)	66	--	66	--	--	--	--	--	--	
	5777+17	-	5779+80	1B	SHOULDER REPLACEMENT (26TH AVE)	46	--	46	--	--	--	--	--	--	
	5887+45	-	5889+44	1B	TEMPORARY GUARDRAIL (CTH V)	73	--	--	73	--	17	22	51	--	
	5983+07	-	5998+94	1B	SHOULDER REPLACEMENT (29 3/4 AVE)	208	--	208	--	--	--	--	--	--	
	6000+94	-	6006+73	1B	SHOULDER REPLACEMENT (30TH AVE)	95	--	95	--	--	--	--	--	--	
SUBTOTALS						487	--	414	73	--	17	22	51	--	
3															
	2770+27	-	2878+16	2	USH 53 NB - MAINLINE	19,632	--	11,189	8,443	--	1,549	2,020	6,423	--	
	2878+16	-	2882+26	2	GUARDRAIL (USH 53 NB)	106	--	--	106	--	--	--	106	--	
	2890+39	-	2893+90	2	TEMPORARY GUARDRAIL (CTH V)	145	--	--	145	--	4	5	140	--	
	798+93	-	801+00	2	TEMPORARY GUARDRAIL (CTH V)	72	--	--	72	--	--	--	72	--	
	2929+63	-	3009+00	2	USH 53 NB - MAINLINE	15,127	--	8,819	6,308	--	135	177	6,132	--	
	3009+00	-	3211+00	2	USH 53 NB - MAINLINE	37,499	--	22,444	15,055	--	265	346	14,710	--	
	3211+00	-	3211+70	2	PAVEMENT TRANSITION	61	--	41	20	--	--	--	20	--	
	3211+00	-	3230+00	2	USH 53 NB - MAINLINE	1,908	--	1,126	782	--	--	--	782	--	
	15+20	-	15+90	2	26TH AVE	192	--	16	176	--	11	14	162	--	
	20+24	-	21+16	2	27TH AVE	263	--	23	240	--	1	1	239	--	
	30+99	-	31+33	2	29 3/4 AVE	94	--	8	86	--	2	2	84	--	
	42+86	-	43+75	2	30TH AVE	265	--	21	244	--	2	2	242	--	
	50+89	-	51+69	2	PIERCE RD	176	--	15	161	--	--	--	161	--	
	60+86	-	61+68	2	A&J RD	156	--	15	141	--	1	1	140	--	
	73+87	-	75+10	2	LONG LAKE RD	309	--	28	281	--	--	--	281	--	
	80+97	-	81+75	2	DUCK POND RD	264	--	21	243	--	2	2	241	--	
	2848+39			2	PIPE - TRANSITION CUT	530	--	--	530	--	--	--	530	--	
	3039+79			2	PIPE - TRANSITION CUT	638	--	--	638	--	--	--	638	--	
SUBTOTALS						77,437	--	43,766	33,671	--	1,972	2,569	31,103	--	
4															
	100+01	-	110+65	3	CTH V NB EXIT TEMPORARY RAMP CROSSOVER REMOVAL	1,319	--	184	1,135	--	--	--	1,135	--	
	105+85	-	122+74	3	CTH V NB ENTRANCE TEMPORARY RAMP CROSSOVER REMOVAL	2,018	--	287	1,731	--	--	--	1,731	--	
	100+00	-	114+31	3	CTH V SB ENTRANCE TEMPORARY RAMP CROSSOVER	580	--	48	532	--	298	388	144	--	
	101+33	-	115+21	3	CTH V SB EXIT TEMPORARY RAMP CROSSOVER	483	--	44	439	--	468	611	-172	--	
SUBTOTALS						4,400	--	564	3,836	--	766	1,000	2,837	--	
5															
	5770+37	-	5770+92	4	SHOULDER REPLAEMENT (SOUTH PROJECT LIMIT)	7	--	7	--	--	--	--	--	--	
	5770+92	-	5878+10	4	USH 53 SB - MAINLINE	19,157	--	11,115	8,042	--	1,252	1,628	6,414	--	
	5929+36	-	6009+00	4	USH 53 SB - MAINLINE	15,594	--	8,849	6,745	--	119	155	6,590	--	
	6009+00	-	6209+65	4	USH 53 SB - MAINLINE	37,005	--	22,294	14,711	--	154	196	14,515	--	
	6209+65	-	6230+00	4	USH 53 SB - MAINLINE	2,965	--	1,691	1,274	--	53	69	1,205	--	
	13+17	-	13+93	4	26TH AVE	178	--	16	162	--	1	1	161	--	
	41+08	-	41+92	4	30TH AVE	244	--	20	224	--	30	40	184	--	
	72+15	-	72+82	4	BIG KEGAMA RD	121	--	13	108	--	14	18	90	--	
	102+31	-	103+06	4	ZIMMERMAN RD	237	--	18	219	--	--	--	219	--	
	5777+42			4	PIPE - TRANSITION CUT	944	--	--	944	--	--	--	944	--	
	5944+87			4	PIPE - TRANSITION CUT	677	--	--	677	--	--	--	677	--	
	5951+88			4	PIPE - TRANSITION CUT	667	--	--	667	--	--	--	667	--	
	6039+58			4	PIPE - TRANSITION CUT	576	--	--	576	--	--	--	576	--	
SUBTOTALS						78,372	--	44,023	34,349	--	1,623	2,107	32,242	--	

NOTES:
1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS.
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
3) EBS EXCAVATION TO BE BACKFILLED WITH BACKFILL GRANULAR GRADE 1 MATERIAL.
4) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS THE EXISTING CONCRETE AND ASPHALT PAVEMENT VOLUME.
5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL (0 IF NEGATIVE)
6) BACKFILL GRANULAR GRADE 1 MATERIAL TO BE USED TO FILL THE CUT(EBS) AREAS.
7) EXPANDED FILL FACTOR = 1.30
8) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.
9) EBS MATERIAL IN DIVISION 1 TO BE WASTED, DO NOT INCORPORATE EBS INTO FILLS.

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EARTHWORK SUMMARY CONT'D

DIVISION	STATION	TO	STATION	STAGE	LOCATION	205.0100 EXCAVATION COMMON (NOTE 1) CUT (NOTE 2) (CY)	205.0100 EXCAVATION COMMON (NOTE 1) CUT (EBS) (NOTE 3) (CY)	SALVAGED/UNUSABLE PAVEMENT MATERIAL (NOTE 4) (CY)	AVAILABLE MATERIAL (NOTE 5)	209.1100 BACKFILL GRANULAR GRADE 1 (NOTE 6) EXPANSION FACTOR 1.25 (CY)	UNEXPANDED FILL	EXPANDED FILL (NOTE 7) EXPANSION FACTOR 1.30	MASS ORDINATE +/- (NOTE 8)	208.0100 BORROW (CY)	COMMENTS
6															
	5756+08	-	5770+92	5	SOUTH PROJECT LIMIT TEMPORARY CROSSOVER REMOVAL	7,075	--	1,050	6,025	--	--	--	6,025	--	
	2770+27	-	2773+11	5	TEMPORARY OVERWIDENING REMOVAL (SOUTH PROJECT LIMIT)	125	--	35	90	--	--	--	90	--	
	2776+66	-	2780+00	5	TEMPORARY OVERWIDENING REMOVAL (26TH AVE)	92	--	21	71	--	136	177	-106	--	
	100+00	-	114+31	5	CTH V SB ENTRANCE TEMPORARY RAMP CROSSOVER REMOVAL	1,346	--	227	1,119	--	--	--	1,119	--	
	101+33	-	115+21	5	CTH V SB EXIT TEMPORARY RAMP CROSSOVER REMOVAL	1,600	--	230	1,370	--	--	--	1,370	--	
	2982+03	-	3008+05	5	TEMPORARY OVERWIDENING REMOVAL (29 3/4 AVE TO 30TH AVE)	205	--	98	107	--	--	--	107	--	
	3205+40	-	3211+00	5	TEMPORARY OVERWIDENING REMOVAL (NORTH PROJECT LIMIT)	48	--	35	13	--	--	--	13	--	
	3211+00	-	3234+91	5	USH 53 NB - MAINLINE	3,480	--	1,012	2,468	--	--	--	2,468	--	
	6209+65	-	6234+91	5	USH 53 SB - MAINLINE	3,026	--	598	2,428	--	12	16	2,412	--	
	5775+85	-	5777+38	5	MEDIAN	393	--	90	303	--	1	1	302	--	
	5822+67	-	5823+37	5	MEDIAN	114	--	20	94	--	--	--	94	--	
	5955+75	-	5956+49	5	MEDIAN	144	--	22	122	--	--	--	122	--	
	5969+93	-	5970+62	5	MEDIAN	97	--	19	78	--	--	--	78	--	
	5985+58	-	5986+40	5	MEDIAN	136	--	23	113	--	--	--	113	--	
	5999+46	-	6000+58	5	MEDIAN	249	--	44	205	--	--	--	205	--	
	6017+95	-	6018+63	5	MEDIAN	117	--	18	99	--	--	--	99	--	
	6034+86	-	6035+56	5	MEDIAN	110	--	20	90	--	--	--	90	--	
	6052+10	-	6053+03	5	MEDIAN	134	--	28	106	--	--	--	106	--	
	6057+91	-	6058+59	5	MEDIAN	123	--	21	102	--	--	--	102	--	
	6081+69	-	6082+49	5	MEDIAN	147	--	34	113	--	--	--	113	--	
	6108+79	-	6109+89	5	MEDIAN	198	--	31	167	--	--	--	167	--	
	6119+89	-	6120+56	5	MEDIAN	97	--	17	80	--	--	--	80	--	
	6133+79	-	6134+40	5	MEDIAN	108	--	17	91	--	--	--	91	--	
	6149+29	-	6150+22	5	MEDIAN	126	--	28	98	--	3	4	94	--	
	6166+40	-	6167+07	5	MEDIAN	113	--	18	95	--	--	--	95	--	
	6173+76	-	6174+43	5	MEDIAN	120	--	19	101	--	--	--	101	--	
	6177+28	-	6177+95	5	MEDIAN	133	--	21	112	--	--	--	112	--	
	6188+13	-	6189+22	5	MEDIAN	169	--	39	130	--	4	6	124	--	
	6200+15	-	6200+82	5	MEDIAN	115	--	20	95	--	--	--	95	--	
	6217+00	-	6217+77	5	MEDIAN	170	--	30	140	--	--	--	140	--	
SUBTOTALS						20,110	--	3,885	16,225	--	156	204	16,022	--	
PROJECT TOTALS						185,715	2,877	93,252	92,462	3,601	7,959	10,356	82,106	148	
							188,592								

NOTES:
1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS.
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
3) EBS EXCAVATION TO BE BACKFILLED WITH BACKFILL GRANULAR GRADE 1 MATERIAL.
4) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS THE EXISTING CONCRETE AND ASPHALT PAVEMENT VOLUME.
5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL (0 IF NEGATIVE)
6) BACKFILL GRANULAR GRADE 1 MATERIAL TO BE USED TO FILL THE CUT(EBS) AREAS.
7) EXPANDED FILL FACTOR = 1.30
8) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.
9) EBS MATERIAL IN DIVISION 1 TO BE WASTED, DO NOT INCORPORATE EBS INTO FILLS.

CONCRETE PAVEMENT ITEMS

STAGE	STATION	TO	STATION	OFFSET	415.0095 CONCRETE PAVEMENT 9 1/2-INCH SY	415.0210 CONCRETE PAVEMENT GAPS EACH	416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH	416.1710 CONCRETE PAVEMENT REPAIR SY	690.0250* SAWING CONCRETE LF	SPV.0090.02 CONCRETE SILANE SEALER FOR PCC SAW CUTS LF	SPV.0180.01 FULLY AUTOMATED RESIN BINDER HIGH FRICTION SURFACE TREATMENT SY	COMMENTS
2	2770+27	-	2878+16	LT & RT	31,170	3	--	32	--	--	29,490	--	MAINLINE (NB)
2	2878+16	-	2929+63	LT & RT	--	--	--	48	30	120	--	--	JOINT REPAIRS (UNDISTRIBUTED)
2	2929+63	-	3211+00	LT & RT	81,295	15	--	16	--	--	74,175	--	MAINLINE (NB)
2	3211+00	-	3230+00	LT & RT	2,960	--	--	8	--	--	1,773	--	MAINLINE DRIVING LANE (NB)
STAGE 2 TOTALS					115,425	18	--	104	30	120	105,439	--	
4	5770+92	-	5878+10	LT & RT	30,970	2	--	32	--	--	29,296	12,790	MAINLINE (SB)
4	5878+10	-	5929+36	LT & RT	--	--	--	48	30	120	--	--	JOINT REPAIRS (UNDISTRIBUTED)
4	5929+36	-	6219+00	LT & RT	83,685	6	--	16	--	--	79,168	--	MAINLINE (SB)
4	6219+00	-	6230+00	LT & RT	1,710	1	--	8	--	--	1,027	--	MAINLINE DRIVING LANE (SB)
STAGE 4 TOTALS					116,365	9	--	104	30	120	109,491	12,790	
5A/5B	2776+90	-	2825+00	LT & RT	--	--	--	--	--	--	--	12,830	MAINLINE (NB)
5A	3211+00	-	3230+00	LT & RT	2,540	1	--	16	--	--	1,520	--	MAINLINE PASSING LANE (NB)
5A	6219+00	-	6230+00	LT & RT	1,470	1	--	16	--	--	880	--	MAINLINE PASSING LANE (SB)
STAGE 5 TOTALS					4,009	2	--	32	--	--	2,400	12,830	
UNDISTRIBUTED					--	--	50	100	70	270	--	--	JOINT REPAIRS (UNDISTRIBUTED)
TOTALS					235,800	29	50	340	130	510	217,330	25,620	

NOTES:
1) GAPS INCLUDED FOR INTERSECTIONS AND DRIVEWAYS
2) STA 3020+00 - 3030+00 NB LANES DO NOT TREAT SAW CUTS WITH SILANE SEALER, THIS AREA WILL BE USED AS CONTROL SECTION

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SURFACE DRAINS

STAGE	STATION	OFFSET	204.0190 REMOVING SURFACE DRAINS EACH	416.1010 CONCRETE SURFACE DRAINS CY
1B	5889+35	LT	1	--
STAGE 1 TOTALS			1	--
4	5889+35	LT	1	0.8
STAGE 4 TOTALS			1	0.8
TOTALS			2	0.8

RUMBLE STRIPS

STAGE	STATION	TO	STATION	OFFSET	416.1110 CONCRETE SHOULDER RUMBLE STRIPS LF	465.0400 ASPHALTIC SHOULDER RUMBLE STRIPS LF
5A/5B	2755+50	-	2878+16	LT & RT	9,570	11,681
5A/5B	2929+63	-	3234+91	LT & RT	26,038	27,440
5A/5B	5770+92	-	5878+10	LT & RT	9,870	10,159
5A/5B	5878+10	-	6234+91	LT & RT	32,962	31,820
5B	3230+00	-	3235+80	RT	580	--
5B	6230+00	-	6235+80	LT	580	--
STAGE 5 TOTALS					79,600	81,100
TOTALS					79,600	81,100

CONCRETE CURB & GUTTER

STAGE	STATION	TO	STATION	OFFSET	601.0557 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D LF	SPV.0090.03 CONCRETE CURB & GUTTER CURE AND SEAL TREATMENT LF	COMMENTS
2	2775+57	-	2776+91	RT	150	150	26TH AVE
2	2834+10	-	2835+35	RT	135	135	27TH AVE
2	2999+13	-	3000+50	RT	140	140	30TH AVE
STAGE 2 TOTALS					425	425	
4	5775+75	-	5777+03	LT	150	150	26TH AVE
4	5999+54	-	6000+96	LT	145	145	30TH AVE
STAGE 4 TOTALS					295	295	
TOTALS					720	720	

ASPHALT ITEMS

STAGE	STATION	TO	STATION	OFFSET	455.0605 TACK COAT GAL	450.4000 HMA COLD WEATHER PAVING TON	460.6224 HMA PAVEMENT 4 MT 58-28 S TON	460.6244 HMA PAVEMENT 4 MT 58-34 S TON	465.0110 ASPHALTIC SURFACE PATCHING TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	465.0125 ASPHALTIC SURFACE TEMPORARY TON	465.0310 ASPHALTIC CURB LF	465.0315 ASPHALTIC FLUMES SY	COMMENTS
1A	2755+50	-	2780+55	LT	424	--	--	--	--	--	2,364	--	--	SOUTH LIMIT TEMP CROSSOVER & 26TH TEMP WIDENING
1A	2876+43	-	2887+08	LT	83	--	--	--	--	--	372	--	--	CTH V SOUTH TEMP CROSSOVER
1A	2910+28	-	2927+28	LT	129	--	--	--	--	--	580	--	--	CTH V NORTH TEMP CROSSOVER
1A	5981+97	-	6006+33	RT	138	--	--	--	--	--	776	--	--	29 3/4 AVE & 30TH AVE TEMP WIDENING
1B	5889+12	-	5889+37	LT	--	--	--	--		--	--	25	5	TEMPORARY GUARDRAIL & SURFACE DRAIN REMOVAL
1B	5770+38	-	5779+80	LT	40	--	--	--	--	--	227	--	--	26TH AVE TEMP WIDENING
1B	5983+07	-	6006+73	LT	103	--	--	--	--	--	579	--	--	29 3/4 AVE & 30TH AVE TEMP WIDENING
STAGE 1 TOTALS					917	--	--	--	--	--	4,898	25	5	
2	2770+27	-	2777+74	LT & RT	175	--	391	196	--	--	--	--	20	26TH AVE
2	2770+27	-	2780+14	LT	34	--	76	38	--	--	--	--	--	26TH AVE TEMP WIDENING
2	2776+76	-	2878+16	LT & RT	493	--	1,002	974	--	20	--	--	--	MAINLINE SHOULDERS
2	2831+72	-	2836+18	RT	87	--	195	98	--	--	--	--	20	27TH AVE
2	2929+63	-	2985+80	LT & RT	264	--	560	534	--	31	--	--	--	MAINLINE SHOULDERS
2	2981+27	-	2987+31	LT & RT	88	--	198	99	--	--	--	--	--	29 3/4 AVE
2	2982+03	-	3008+05	LT	132	--	295	148	--	--	--	--	--	29 3/4 AVE & 30TH AVE TEMP WIDENING
2	2986+53	-	2996+15	LT & RT	42	--	86	83	--	--	--	--	--	MAINLINE SHOULDERS
2	2994+95	-	3001+83	LT & RT	181	--	406	203	--	--	--	--	20	30TH AVE
2	3001+43	-	3052+21	LT & RT	240	--	505	487	--	17	--	--	--	MAINLINE SHOULDERS
2	3049+34	-	3053+87	LT & RT	79	--	178	89	--	--	--	--	--	PIERCE RD
2	3053+19	-	3081+65	LT & RT	128	--	285	266	--	16	--	--	--	MAINLINE SHOULDERS
2	3078+99	-	3083+45	LT & RT	81	--	181	90	--	--	--	--	--	A&J RD
2	3082+59	-	3106+00	LT & RT	114	--	234	227	--	--	--	--	--	MAINLINE SHOULDERS
2	3106+00	-	3111+27	LT & RT	145	--	326	163	--	--	--	--	--	LONG LAKE AVE
2	3110+65	-	3149+40	LT & RT	175	--	387	362	--	30	--	--	--	MAINLINE SHOULDERS
2	3144+99	-	3151+22	LT & RT	114	--	254	127	--	--	--	--	--	DUCK POND RD
2	3150+08	-	3230+00	LT & RT	343	--	926	796	--	85	40	--	--	MAINLINE SHOULDERS
STAGE 2 TOTALS					2,915	--	6,485	4,980	--	201	40	--	60	
3	2873+25	-	2887+58	LT	102	--	--	--	--	--	459	--	--	CTH V SOUTH TEMP CROSSOVER
3	2885+92	-	2887+08	LT	6	--	11	11	--	--	--	--	--	GUARDRAIL REPLACEMENT
3	2912+59	-	2926+50	LT	103	--	--	--	--	--	463	--	--	CTH V NORTH TEMP CROSSOVER
STAGE 3 TOTALS					211	--	11	11	--	--	922	--	--	
4	5770+92	-	5775+96	LT & RT	22	9	45	43	--	--	--	--	--	MAINLINE SHOIULDERS
4	5774+92	-	5782+84	LT & RT	181	61	404	202	--	--	--	--	20	26TH AVE
4	5780+50	-	5878+10	LT & RT	489	200	1,010	977	--	10	--	--	--	MAINLINE SHOIULDERS
4	5929+36	-	5999+46	LT & RT	339	141	723	689	--	--	--	--	--	MAINLINE SHOIULDERS
4	5985+58	-	5988+68	RT	37	13	83	42	--	--	--	--	--	29 3/4 AVE
4	5998+62	-	6005+10	LT & RT	182	61	408	204	--	--	--	--	20	30TH AVE
4	6003+86	-	6108+58	LT & RT	496	237	1,254	1,106	--	60	--	--	--	MAINLINE SHOIULDERS
4	6107+67	-	6112+39	LT & RT	109	37	245	122	--	--	--	--	--	LONG LAKE AVE
4	6112+39	-	6187+97	LT & RT	356	175	930	809	--	20	--	--	--	MAINLINE SHOIULDERS
4	6187+41	-	6191+66	LT & RT	60	20	135	67	--	--	--	--	--	PINE GROVE RD
4	6189+50	-	6217+12	LT & RT	125	54	278	260	--	--	--	--	--	MAINLINE SHOIULDERS
4	6216+16	-	6221+46	LT & RT	91	31	203	102	--	--	--	--	--	ZIMMERMAN RD
4	6221+46	-	6230+00	LT & RT	29	11	56	56	--	--	--	--	--	MAINLINE SHOIULDERS
STAGE 4 TOTALS					2,516	1,050	5,774	4,679	--	90	--	--	40	
5A	2755+50	-	2772+10	LT	52	224	117	107	--	--	--	--	--	MEDIAN SHOULDERS (NB & SB)
5A	2775+20	-	3218+30	LT	443	1,487	991	496	--	--	--	--	--	MEDIAN OPENINGS
5A	2873+25	-	2887+58	LT	40	171	89	82	--	--	--	--	--	MEDIAN SHOULDERS (NB & SB)
5A	2910+28	-	2927+28	LT	45	194	101	93	--	--	--	--	--	MEDIAN SHOULDERS (NB & SB)
5A	3205+40	-	3235+06	LT	71	534	312	222	--	--	--	--	--	MEDIAN SHOULDERS (NB & SB) & ZIMMERMAN RD
STAGE 5 TOTALS					651	2,610	1,610	1,000	--	--	--	--	--	
UNDISTRIBUTED					--	--	--	--	150	--	--	--	--	EXISTING PAVEMENT REPAIRS
TOTALS					7,210	3,660	13,880	10,670	150	290	5,860	25	105	

3

CROSS DRAIN MAINTENANCE

STAGE	STATION	TO STATION	OFFSET	520.8700 CLEANING CULVERT PIPES EACH	522.1018 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	522.1024* APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	633.5200* MARKERS CULVERT END EACH	SPV.0060.01 JOINT TIES FOR CONCRETE PIPE EACH	SPV.0090.01 DITCH CLEANING LF	COMMENTS
2		2776+88	RT	--	--	--	1	6	--	24" SSPRC
2		2795+30	LT & RT	1	--	--	1	--	85	24" SSPRC
2		2805+29	LT & RT	1	--	--	1	--	--	24" SSPRC
2		2812+29	LT & RT	1	--	--	1	--	--	24" SSPRC
2	2811+49	- 2812+29	RT	--	--	--	--	--	80	--
2		2933+28	RT	--	--	1	1	6	--	24" SSPRC
2		2952+31	LT & RT	1	--	--	1	--	60	24" SSPRC
2		2957+29	LT & RT	1	--	--	1	--	--	24" SSPRC
2		2972+29	LT & RT	1	--	--	1	6	--	24" SSPRC
2		2985+49	LT & RT	1	--	1	1	6	55	24" SSPRC
2		2999+15	LT & RT	1	--	--	1	--	120	24" SSPRC
2		3001+46	LT & RT	2	--	--	4	--	--	2 - 30" CPRC
2		3003+49	LT & RT	1	1	--	1	6	--	18" SSPRC
2		3028+66	LT & RT	2	--	2	4	12	--	2 - 24" CPRC
2		3033+08	LT & RT	1	--	--	1	--	70	24" SSPRC
2		3044+01	LT & RT	2	--	--	4	12	65	2 - 24" CPRC
2		3048+30	LT & RT	1	--	--	1	6	65	24" SSPRC
2	3055+89	- 3056+89	LT & RT	1	--	--	1	6	100	24" SSPRC
2		3067+73	LT & RT	1	--	--	1	--	80	36" SSPRC
2	3074+50	- 3075+50	LT & RT	1	--	1	1	6	100	24" SSPRC
2		3082+90	LT & RT	1	--	1	1	6	--	24" SSPRC
2		3092+50	LT & RT	1	--	--	2	12	--	24" CPRC
2		3110+89	RT	--	--	1	1	6	--	24" SSPRC
2		3121+93	LT & RT	1	--	--	2	--	--	24" CPRC
2	3127+25	- 3127+75	LT & RT	1	--	--	1	6	50	24" SSPRC
2		3132+81	LT & RT	1	--	--	1	6	--	36" SSPRC
2		3163+50	LT & RT	1	--	--	1	6	--	30" SSPRC
2		3188+29	RT	--	--	--	1	6	--	24" SSPRC
2		3209+12	LT & RT	1	--	--	1	6	--	24" SSPRC
2		3222+12	LT & RT	1	--	1	1	6	--	24" CPRC
STAGE 2 TOTALS				28	1	8	40	132	930	
4		5777+42	LT	--	--	--	--	--	140	36" SSPRC
4		5786+30	LT & RT	1	--	--	1	--	--	24" SSPRC
4		5794+82	LT & RT	1	--	--	1	--	--	24" SSPRC
4		5827+38	LT & RT	1	--	--	1	--	--	18" SSPRC
4		5835+63	LT & RT	1	--	1	1	6	--	24" SSPRC
4		5864+50	LT & RT	1	--	--	1	--	--	24" SSPRC
4	5933+10	- 5934+10	LT & RT	1	--	1	1	6	100	24" SSPRC
4		5972+04	LT & RT	1	--	--	1	6	--	24" SSPRC
4		5998+93	LT & RT	1	--	--	1	6	--	24" SSPRC
4		6032+88	LT & RT	1	--	1	1	6	--	24" SSPRC
4		6067+51	LT & RT	1	--	--	1	6	--	36" SSPRC
4		6095+59	LT & RT	1	--	--	1	--	--	24" SSPRC
4	6100+78	- 6102+28	LT & RT	1	--	1	1	6	150	24" SSPRC
4	6109+58	- 6110+67	LT & RT	1	--	1	1	6	110	24" SSPRC
4		6132+67	LT & RT	1	--	--	1	6	--	36" SSPRC
4	6148+94	- 6149+44	LT & RT	1	--	--	1	--	50	24" SSPRC
4		6163+35	LT & RT	1	--	--	1	6	--	30" SSPRC
4	6200+45	- 6200+95	LT & RT	1	--	--	1	6	50	24" SSPRC
4		6208+95	LT & RT	1	--	--	1	6	--	24" SSPRC
4		3222+12	LT	--	--	1	1	6	--	24" CPRC
STAGE 4 TOTALS				18	--	6	19	78	600	
TOTALS				46	1	14	59	210	1,530	

NOTE:
*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TEMPORARY STORM SEWER ITEMS

							STRUCTURE AND PIPE INFORMATION					SPV.0060.03	SPV.0060.04	SPV.0090.04	SPV.0090.05	SPV.0090.06	SPV.0090.07	SPV.0090.08	SPV.0060.02	GRATE SLOPE INFORMATION	
		INLET		OUTLET			RIM	INLET	DISCHARGE			TEMPORARY INLET COVERS TYPE MS	TEMPORARY INLETS MEDIAN 1 GRATE	TEMPORARY STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH	TEMPORARY STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH	TEMPORARY STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH	TEMPORARY STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH	TEMPORARY STORM SEWER PIPE CLASS III-A 18-INCH	TEMPORARY APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 18-INCH 10 TO 1		
STAGE	STRUCTURE	STATION	OFFSET	STATION	OFFSET	TO	ELEVATION	ELEVATION	ELEVATION	DEPTH	SLOPE	EACH	EACH	LF	LF	LF	LF	LF	EACH	GRATE SLOPE	LOW SIDE OF STRUCTURE
1A	INLET	2760+86	53.5' LT	2759+34	53.8' LT	EX INLET	1191.56	1189.08	1188.00	2.48	0.71%	1	1	--	--	--	--	152	--	10:1	SOUTH
1A	INLET	2767+90	54.2' LT	2767+32	49.1' LT	EX INLET	1180.45	1176.96	1176.15	3.49	1.19%	1	1	--	--	--	--	68	--	10:1	SOUTH
1A	INLET	5884+15	20.4' RT	5883+11	42.0' RT	EX INLET	1266.05	1262.50	1256.97	3.55	5.17%	1	1	--	--	--	--	107	--	10:1	NORTH
1A	INLET	2999+15	39.1' LT	2999+15	47.1' LT	EOP	1282.57	1279.86	--	2.71	--	--	--	8	--	--	--	--	--	10:1	SOUTH
1A	INLET	2999+15	39.1' LT	2999+15	31.1' LT	EOP	1282.57	1279.90	--	2.67	--	--	--	8	--	--	--	--	--	10:1	SOUTH
STAGE 1 TOTALS												3	3	16	--	--	--	327	--		
2	INLET	3039+80	36.6' LT	3039+80	44.6' LT	EOP	1277.360	1273.67	1273.65	4.36	0.19%	--	--	--	8	--	--	--	--	--	--
STAGE 2 TOTALS												--	--	--	8	--	--	--	--		
3	INLET	5883+58	54.0' RT	5883+11	42.0' RT	EX INLET	1263.21	1257.50	1256.97	5.71	1.10%	1	1	--	--	--	--	48	--	10:1	NORTH
3	INLET	2915+65	26.9' LT	2919+54	39.0' LT	AEW	1305.56	1303.34	1302.02	2.22	0.34%	1	1	--	--	--	389	--	1	10:1	SOUTH
STAGE 3 TOTALS												2	2	--	--	--	389	48	1		
4	EX INLET	5777+42	53.5' RT	5777+42	67.5' RT	EOP	1184.00	1177.07	1177.13	--	-0.44%	--	--	--	--	14	--	--	--	--	--
STAGE 4 TOTALS												--	--	--	--	14	--	--	--		
TOTALS												5	5	16	8	14	389	375	1		

NOTES:
1) STATION OFFSETS SHOWN ARE TO CENTER OF STRUCTURE
2) RIM ELEVATIONS ARE GIVEN TO THE CENTER OF GRATE ON LOW SIDE (IF SLOPING GRATE)
3) EOP = END OF PIPE, AEW = APRON ENDWALL

PERMANENT STORM SEWER ITEMS

												520.8000	521.1615	522.1024*	522.1036	522.2624	608.0318	608.0324	608.0330	608.0336	608.2324	608.3015	611.3901	611.3902	611.0642		633.5200*		
							STRUCTURE AND PIPE INFORMATION						APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 15-INCH 10 TO 1	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE		APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 24X38-INCH	STORM SEWER PIPE REINFORCED CONCRETE CLASS III				STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 24X38-INCH	STORM SEWER PIPE CLASS III-A 15-INCH	INLETS		INLET COVERS TYPE MS	GRATE SLOPE INFORMATION		MARKERS CULVERT END	
	INLET		OUTLET									CONCRETE COLLARS FOR PIPE		24-INCH	36-INCH		18-INCH	24-INCH	30-INCH	36-INCH			MEDIAN 1 GRATE	MEDIAN 2 GRATE		GRATE SLOPE	LOW SIDE OF STUCTURE		
STAGE	STATION	OFFSET	STATION	OFFSET	RIM ELEVATION	INVERT ELEVATION	DISCHARGE ELEVATION	DEPTH	PIPE SLOPE	EACH	EACH	EACH	EACH	EACH	LF	LF	LF	LF	LF	LF	EACH	EACH	EACH					COMMENTS
2	2795+30	46.3'LT	--	--	1207.56	1203.15	--	4.41	--	2	--	--	--	--	--	16	--	--	--	--	--	--	1	2	10:1	NORTH	--	16' OF PIPE FOR CONNECTION TO EXISTING
2	2848+39	37.3' LT	2848+39	33.7' RT	1279.54	1277.04	1276.71	2.50	0.46%	--	--	1	--	--	--	71	--	--	--	--	--	--	1	2	10:1	NORTH	1	
2	2985+49	34.6' RT	2985+49	42.6' RT	--	1280.95	1280.90	--	0.64%	1	--	1	--	--	--	8	--	--	--	--	--	--	--	--	--	--	--	
2	3039+80	36.9' LT	3039+80	41.4' RT	1277.36	1274.55	1274.45	4.36	0.13%	--	--	--	--	1	--	--	--	--	--	--	78	--	--	1	2	10:1	NORTH	1	
STAGE 2 TOTALS										3	--	2	--	1	--	95	--	--	--	78	--	--	3	6			2	
4	5777+42	53.5' RT	5777+42	54.9' LT	--	1177.07	1176.60	--	0.44%	--	--	--	1	--	--	--	--	--	108	--	--	--	--	--	--	--	--	1	
4	2805+31	38.2' LT	--	--	1222.21	1218.51	--	3.70	--	1	--	--	--	--	--	9	--	--	--	--	--	--	1	2	10:1	NORTH	--	8' OF PIPE FOR CONNECTION TO EXISTING
4	2812+51	36.3' LT	--	--	1231.48	1227.50	--	3.98	--	1	--	--	--	--	--	6	--	--	--	--	--	--	1	2	10:1	NORTH	--	8' OF PIPE FOR CONNECTION TO EXISTING
4	5827+37	34.1' RT	--	--	1246.68	1243.58	--	3.10	--	1	--	--	--	--	--	5	--	--	--	--	--	--	1	2	10:1	NORTH	--	8' OF PIPE FOR CONNECTION TO EXISTING
4	5944+87	37.2' RT	5944+87	38.8' LT	1264.53	1261.22	1260.76	3.31	0.61%	--	--	1	--	--	--	76	--	--	--	--	--	--	1	2	10:1	SOUTH	1	
4	5951+88	37.1' RT	5951+88	40.2' LT	1259.47	1256.95	1256.50	2.52	0.58%	--	--	1	--	--	--	77	--	--	--	--	--	--	1	2	10:1	SOUTH	1	8' OF PIPE FOR CONNECTION INTO EXISTING
4	2999+15	42.0' LT	--	--	1282.55	1279.86	--	2.69	--	--	--	--	--	--	--	16	--	--	--	--	--	--	1	2	10:1	SOUTH	--	16' OF PIPE FOR CONNECTION TO EXISTING
4	6039+58	38.4' LT	6039+58	36.9' RT	1277.36	1274.87	1274.55	2.49	0.42%	--	--	--	--	1	--	--	--	--	--	--	76	--	--	--	--	--	--	1	
STAGE 4 TOTALS										3	--	2	1	1	--	189	--	108	76	--	--	6	12			4	
5	2759+34	53.8' LT	--	--	1194.17	1186.10	--	8.07	--	2	--	--	--	--	--	--	--	16	--	--	--	--	1	2	10:1	SOUTH	--	16' OF PIPE FOR CONNECTION TO EXISTING
5	2767+32	49.1' LT	--	--	1179.67	1170.18	--	9.49	--	2	--	--	--	--	--	--	--	16	--	--	--	--	1	2	10:1	SOUTH	--	16' OF PIPE FOR CONNECTION TO EXISTING
5	2776+86	48.5' LT	2776+86	34.2' LT	1183.94	1177.20	1177.27	6.74	-0.50%	1	--	--	--	--	--	14	--	--	--	--	--	--	1	2	10:1	NORTH	--	14' OF PIPE FOR CONNECTION TO EXISTING
5	5777+42	61.3' RT	5777+42	53.5' RT	1183.94	1177.10	1177.07	6.84	0.44%	--	--	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--	--	--	8' OF PIPE FOR CONNECTION TO NEW INLET
5	2823+90	34.8' LT	2822+81	36.2' LT	1244.18	1242.49	1241.64	1.69	0.77%	--	1	--	--	--	--	--	--	--	--	--	110	1	--	1	10:1	NORTH	--	
5	5883+11	42.0' LT	--	--	1259.76	1256.97	--	2.79	--	1	--	--	--	--	8	--	--	--	--	--	--	--	1	2	10:1	SOUTH	--	8' OF PIPE FOR CONNECTION TO EXISTING
5	3188+29	42.2' LT	--	--	1273.97	1270.97	--	3.00	--	2	--	--	--	--	--	16	--	--	--	--	--	--	1	2	10:1	SOUTH	--	16' OF PIPE FOR CONNECTION INTO EXISTING
5	3189+22	37.3' LT	3188+29	42.2' LT	1275.21	1272.50	1270.97	2.71	1.65%	--	--	--	--	--	--	93	--	--	--	--	--	--	1	2	10:1	NORTH	--	
STAGE 5 TOTALS										8	1	--	--	--	8	123	32	8	--	110	1	6	13			--	
TOTALS										14	1	4	1	2	8	408	32	116	154	110	1	15	31			6	

NOTES:
1) STATION OFFSETS SHOWN ARE TO CENTER OF STRUCTURE OR TO THE END OF PIPE AT APRON ENDWALLS (NOT INCLUDING LENGTH OF ENDWALL)
2) RIM ELEVATIONS ARE GIVEN TO THE CENTER OF GRATE ON LOW SIDE (IF SLOPING GRATE)
3) DEPTH = RIM ELEVATION - INVERT

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

CULVERT REPLACEMENTS

STAGE	INLET STATION	INLET OFFSET	INLET ELEVATION	OUTLET STATION	OUTLET OFFSET	OUTLET ELEVATION	521.1618 APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 18-INCH 10 TO 1 EACH	521.1624 APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 24-INCH 10 TO 1 EACH	522.0418 CULVERT PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	522.0424 CULVERT PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	COMMENTS
5	2986+49	34.3' LT	1284.62	2985+80	37.5' LT	1284.32	2	--	70	--	MEDIAN OPENING
5	3018+31	37.7' LT	1282.79	3018+80	33.5' LT	1282.31	2	--	50	--	MEDIAN OPENING
5	3035+64	37.8' LT	1272.50	3035+04	41.3' LT	1271.80	2	--	60	--	MEDIAN OPENING
5	3053+22	34.6' LT	1281.30	3052+41	36.1' LT	1280.30	2	--	80	--	MEDIAN OPENING
5	3058+81	34.3' LT	1291.30	3058+13	39.7' LT	1290.90	--	2	--	70	MEDIAN OPENING
5	3134+54	31.4' LT	1328.56	3133+94	41.5' LT	1328.21	2	--	62	--	MEDIAN OPENING
5	3167+23	34.5' LT	1304.34	3166+55	37.1' LT	1304.02	2	0	68	--	MEDIAN OPENING
5	3177+53	36.8' LT	1304.58	3178+03	32.3' LT	1303.77	2	--	50	--	MEDIAN OPENING
5	3218+19	37.0' LT	1296.26	3216+81	39.9' LT	1296.13	2	--	138	--	MEDIAN OPENING
STAGE 5 TOTALS							16	2	578	70	
TOTALS							16	2	578	70	

NOTES:
1) STATIONS, OFFSETS, AND ELEVATIONS ARE GIVEN TO THE END OF PIPE AT APRON ENDWALLS (NOT INCLUDING LENGTH OF ENDWALL)
2) FOR CLASS III-A, PIPE LENGTH CALCULATED USING CORRUGATED STEEL/POLYETHYLENE PIPE, IF REINFORCED CONCRETE IS USED THE PIPE LENGTH WILL DIFFER DUE TO DIFFERENCES IN APRON ENDWALL DIMENSIONS

RECONSTUCTING INLETS

STAGE	STATION	STRUCTURE INFORMATION EXISTING OFFSET	PROPOSED OFFSET	PROPOSED RIM ELEVATION	611.0430 RECONSTRUCTING INLETS EACH	GRATE SLOPE INFORMATION GRATE SLOPE	LOW SIDE OF STRUCTURE
1A	2999+15	42.0' LT	39.1' LT	1282.57	1	10:1	--
STAGE 1 TOTAL					1		
TOTAL					1		

NOTES:
1) STATION OFFSETS SHOWN ARE TO CENTER OF STRUCTURE
2) RIM ELEVATIONS ARE GIVEN TO THE CENTER OF GRATE

COVER PLATES TEMPORARY

STAGE	STATION	OFFSET	611.8120.S COVER PLATES TEMPORARY EACH
1A	2767+32	LT	1
1A	5883+11	RT	1
STAGE 1 TOTAL			2
2	2805+31	LT	1
2	2812+51	LT	1
2	5827+37	RT	1
STAGE 2 TOTAL			3
3	2923+25	LT	1
STAGE 3 TOTAL			1
TOTAL			6

RESTORATION ITEMS

STAGE	STATION	TO	STATION	OFFSET	625.0100 TOPSOIL SY	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	628.2004 EROSION MAT CLASS I TYPE B SY	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MGAL	COMMENTS
1A	2755+50	-	2780+60	LT	--	3,544	529	3,015	2.6	--	110	46	SOUTH LIMIT TEMP CROSSOVER & 26TH TEMP WIDENING
1A	2876+42	-	2889+50	LT	--	1,334	329	1,004	1.1	--	49	20	CTH V SOUTH TEMP CROSSOVER
1A	2910+28	-	2927+28	LT	--	1,260	160	1,100	1.2	--	52	21	CTH V NORTH TEMP CROSSOVER
1A	5981+97	-	6006+33	RT	--	990	756	235	1.3	--	55	23	29 3/4 AVE & 30TH AVE TEMP WIDENING
1B	5887+45	-	5889+42	LT	--	242	65	177	0.2	--	7	3	TEMPORARY GUARDRAIL
STAGE 1 TOTALS					--	7,370	1,839	5,531	6.4	--	273	113	
2	2770+27	-	2878+16	LT&RT	--	12,024	826	11,198	12.6	360	--	224	USH 53 NB MAINLINE & INTERSECTIONS
2	2929+63	-	3230+00	LT&RT	--	12,301	5,410	6,891	22.9	653	--	407	USH 53 NB MAINLINE & INTERSECTIONS
2	3207+75	-	3211+00	LT	614	--	--	613	0.4	11	--	7	PARTIAL NORTH LIMIT TEMP CROSSOVER REMOVAL
STAGE 2 TOTALS					614	24,325	6,236	18,702	35.9	1,024	--	638	
3	2873+25	-	2887+58	LT&RT	--	1,080	49	1,030	0.7	--	32	13	CTH V SOUTH TEMP CROSSOVER
3	2910+28	-	2926+50	LT&RT	--	1,800	113	1,687	1.3	--	55	23	CTH V NORTH TEMP CROSSOVER
STAGE 3 TOTALS					--	2,880	162	2,717	2.0	--	87	36	
4	5770+92	-	5878+10	LT&RT	--	7,842	403	7,439	10.4	297	--	185	USH 53 SB MAINLINE & INTERSECTIONS
4	5929+36	-	6230+00	LT&RT	--	9,718	3,130	6,587	21.6	618	--	385	USH 53 SB MAINLINE & INTERSECTIONS
STAGE 4 TOTALS					--	17,560	3,533	14,026	32.0	915	--	570	
5	2755+50	-	2889+50	LT	--	15,740	398	15,343	10.1	288	--	180	TEMP CROSSOVER REMOVALS & MEDIAN OPENINGS
5	2910+28	-	3235+00	LT	7,940	7,346	239	15,046	10.1	288	--	179	TEMP CROSSOVER REMOVALS & MEDIAN OPENINGS
STAGE 5 TOTALS					7,940	23,086	637	30,389	20.2	576	--	359	
UNDISTRIBUTED					2,147	18,779	3,092	17,835	24.5	635	90	434	
TOTALS					10,700	94,000	15,500	89,200	121.0	3,150	450	2,150	

RIPRAP & GEOTEXTILE FABRIC ITEMS

STAGE	STATION	TO	STATION	OFFSET	606.0200 RIPRAP MEDIUM CY	606.0300 RIPRAP HEAVY CY	645.0120 GEOTEXTILE TYPE HR SY
1B	5889+35			LT	5	--	15
STAGE 1 TOTALS					5	--	15
4	5919+41	-	5919+92	LT	--	60	125
STAGE 4 TOTALS					--	60	125
TOTALS					5	60	140

EROSION CONTROL MOBILIZATION

LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
PROJECT	18	10
TOTALS	18	10

EROSION CONTROL ITEMS

STAGE	STATION	TO	STATION	OFFSET	628.1104 EROSION BALES EACH	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.7005 INLET PROTECTION TYPE A EACH	628.7020 INLET PROTECTION TYPE D EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	631.0300 SOD WATER MGAL	631.1100 SOD EROSION CONTROL SY	COMMENTS
1A	2755+50	-	2780+60	LT	--	--	--	4	1	24	--	--	--	SOUTH LIMIT TEMP CROSSOVER & 26TH TEMP WIDENING
1A	2876+40	-	2889+50	LT	--	--	--	2	1	36	--	--	--	CTH V SOUTH TEMP CROSSOVER
1A	2910+28	-	2927+28	LT	--	--	--	1	--	60	--	--	--	CTH V NORTH TEMP CROSSOVER
1A	5981+97	-	6006+33	RT	--	--	--	3	--	84	--	--	--	29 3/4 AVE & 30TH AVE TEMP WIDENING
1B	5887+45	-	5889+42	LT	--	--	--	--	--	24	--	--	--	TEMPORARY GUARDRAIL
STAGE 1 TOTALS					--	--	--	10	2	228	--	--	--	
2	2770+27	-	2894+00	LT&RT	--	1,330	1,330	9	--	264	7	--	--	USH 53 NB MAINLINE & INTERSECTIONS
2	2929+63	-	3230+00	LT&RT	8	520	520	23	--	420	111	--	--	USH 53 NB MAINLINE & INTERSECTIONS
STAGE 2 TOTALS					8	1,850	1,850	32	--	684	118	--	--	
3	2873+25	-	2887+58	LT&RT	--	--	--	2	1	36	--	--	--	CTH V SOUTH TEMP CROSSOVER
3	2910+28	-	2926+50	LT&RT	--	--	--	2	1	36	--	--	--	CTH V NORTH TEMP CROSSOVER
STAGE 3 TOTALS					--	--	--	4	2	72	--	--	--	
4	5770+92	-	5878+10	LT&RT	16	500	500	--	--	72	--	0.5	6	USH 53 SB MAINLINE & INTERSECTIONS
4	5929+36	-	6230+00	LT&RT	16	340	340	3	--	180	43	0.5	4	USH 53 SB MAINLINE & INTERSECTIONS
STAGE 4 TOTALS					32	840	840	3	--	252	43	1	10	
5	2755+50	-	2889+50	LT	--	--	--	4	--	84	--	--	--	TEMP CROSSOVER REMOVALS & MEDIAN OPENINGS
5	2910+28	-	3235+00	LT	--	--	--	2	--	108	--	--	--	TEMP CROSSOVER REMOVALS & MEDIAN OPENINGS
STAGE 5 TOTALS					--	--	--	6	--	192	--	--	--	
UNDISTRIBUTED					10	710	710	15	1	372	39	0.5	5	
TOTALS					50	3,400	3,400	70	5	1,800	200	1.5	15	

TRACKING PADS

LOCATION	628.7560 EACH
PROJECT	8
TOTAL	8

3

TEMPORARY EMERGENCY PULLOUTS

STAGE	STATION	TO	STATION	OFFSET	205.3000.S TEMPORARY EMERGENCY PULLOUTS EACH	** EXCAVATION COMMON CY	** BASE AGGREGATE DENSE 1 1/4-INCH TON	** TOPSOIL SY	** FERTILIZER TYPE B CWT	** SEEDING MIXTURE NO. 30 LB	** MULCHING SY
1	5801+25	-	5803+50	RT	1	95	190	388	0.2	7.0	388
1	5824+25	-	5826+50	RT	1	119	238	419	0.3	7.5	419
1	5846+00	-	5848+25	RT	1	49	99	313	0.2	5.6	313
1	5907+75	-	5910+00	RT	1	18	36	234	0.1	4.2	234
1	5938+75	-	5941+00	RT	1	59	119	358	0.2	6.4	358
1	5972+50	-	5974+75	RT	1	61	122	295	0.2	5.3	295
1	6025+00	-	6027+25	RT	1	65	129	354	0.2	6.4	354
STAGE 1 TOTALS					7	466	933	2,360	1.5	42.5	2,360
3	2802+00	-	2804+25	LT	1	58	116	378	0.2	6.8	378
3	2832+25	-	2834+50	LT	1	26	53	257	0.2	4.6	257
3	2865+00	-	2867+25	LT	1	135	269	453	0.3	8.2	453
3	2894+50	-	2896+75	LT	1	10	20	209	0.1	3.8	209
3	2959+75	-	2962+00	LT	1	17	34	214	0.1	3.9	214
3	3025+50	-	3027+75	LT	1	18	36	375	0.2	6.8	375
STAGE 3 TOTALS					6	263	527	1,887	1.2	34.0	1,887
TOTALS					13	730	1,459	4,247	2.7	76.4	4,247

NOTE:
**NON-BID ITEM, ITEMS AND QUANTITIES LISTED FOR BID INFORMATION ONLY. ITEMS INCIDENTAL TO TEMPORARY EMERGENCY PULLOUTS.

WATER

LOCATION	624.0100 MGAL
PROJECT	1,500
TOTAL	1,500

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GUARDRAIL ITEMS

STAGE	STATION	TO	STATION	OFFSET	614.0396 GUARDRAIL MOW STRIP ASPHALT SY	614.0920 SALVAGED RAIL LF	614.0925 SALVAGED GUARDRAIL END TREATMENTS EACH	614.1000 MGS GUARDRAIL TEMPORARY LF	614.1100 MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSITION LF	614.1200 MGS GUARDRAIL TEMPORARY TERMINAL EAT EACH	614.2300 MGS GUARDRAIL 3 LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH	COMMENTS
1A	5886+97	-	5889+27	RT		--	--	137.5	39.4	1	--	--	USH 53 SB
1B	5888+52	-	5889+44	LT	--	--	--	--	39.4	1	--	--	USH 53 SB
1B	5874+32	-	5878+10	LT	150	370	1	--	--	--	325	1	USH 53 SB
STAGE 1 TOTALS					150	370	1	137.5	78.8	2	325	1	
2	2873+50	-	2881+78	RT	330	725	2	--	--	--	725	2	USH 53 NB
2	2890+39	-	2892+69	LT	--	--	--	137.5	39.4	1	--	--	USH 53 NB
2	798+93	-	799+87	RT	--	--	--	--	39.4	1	--	--	USH 53 NB CTH V EXIT RAMP
STAGE 2 TOTALS					330	725	2	137.5	78.8	2	725	2	
TOTALS					480	1,095	3	275.0	157.6	4	1,050	3	

FENCING ITEMS

STAGE	STATION	TO	STATION	OFFSET	204.0170 REMOVING FENCE LF	616.0100.01 FENCE WOVEN WIRE (4-FT) LF	SPV.0060.05 SALVAGE AND REINSTALL EXISTING FENCE GATE EACH
2	2770+27	-	2775+41	RT	514	514	--
2	2777+38	-	2816+29	RT	4,021	4,061	--
2	2835+07	-	2889+05	RT	5,318	5,516	--
2	2888+56	-	2970+11	RT	5,519	8,439	1
2	2970+88	-	2985+76	RT	1,488	1,488	--
2	2986+53	-	2999+17	RT	1,281	1,280	--
2	3047+07			RT	105	105	--
2	3097+50			RT	100	100	--
2	3106+14			RT	108	108	--
STAGE 2 TOTALS					18,454	21,612	1
4	5770+93	-	5775+27	LT	458	458	--
4	5776+76	-	5823+46	LT	4,659	4,702	--
4	5823+75	-	5889+79	LT	6,403	6,666	--
4	5892+56	-	5963+84	LT	4,746	7,312	--
STAGE 4 TOTALS					16,266	19,138	--
TOTALS					34,720	40,750	1

MOVING SIGNS

638.2102

STAGE	SIGN NUMBER	MOVING SIGNS TYPE II EACH	COMMENTS
1	1-1	1	RE-INSTALL IN STAGE 5
1	2-1	1	
1	2-4	1	
1	2-11	1	
1	2-12	1	
1	9-13	1	
1	9-14	1	
1	9-16	1	
1	10-2	1	
1	10-4	1	
1	10-7	1	
1	10-10	1	
STAGE 1 TOTAL		12	
2	1-2	2	SEE NOTE 1
2	1-3	2	SEE NOTE 1
2	1-4	1	
2	2-6	1	
2	2-7	1	
2	2-8	1	
2	2-13	1	
2	2-16	1	
2	2-18	1	
2	3-2	1	
2	3-7	2	SEE NOTE 1
2	4-1	1	
2	4-2	1	
2	4-3	1	
2	4-4	1	
2	4-5	1	
2	4-6	1	
2	4-8	1	
2	7-1	1	
2	7-2	1	
2	8-1	1	
2	8-2	1	
2	8-7	1	
2	8-9	1	
2	8-12	1	
2	8-13	1	
2	9-3	1	
2	9-6	2	SEE NOTE 1
2	9-8	1	
2	9-9	1	
2	9-11	1	
2	9-12	1	
2	9-15	2	SEE NOTE 1
2	10-1	1	
2	10-3	1	
2	10-7	1	
2	10-10	1	
2	10-12	1	
2	11-2	1	
2	11-3	1	
2	12-1	1	
2	12-3	1	
2	12-6	2	SEE NOTE 1
2	12-7	1	
2	12-9	1	
2	13-4	1	
2	13-7	1	
2	13-12	1	
2	13-13	1	
2	14-3	1	
2	14-7	2	SEE NOTE 1
2	14-8	1	
2	15-4	1	
2	15-7	1	
2	15-10	1	
2	15-11	1	
2	15-16	1	
2	15-19	1	
2	16-1	1	
2	16-3	2	SEE NOTE 1
2	16-4	1	
2	16-7	1	
2	17-1	1	
2	17-6	1	
2	17-7	1	
2	17-8	1	

MOVING SIGNS CONT'D

638.2102

STAGE	SIGN NUMBER	MOVING SIGNS TYPE II EACH	COMMENTS
2	17-12	1	
2	17-16	1	
2	17-19	2	SEE NOTE 1
2	17-20	1	
2	17-23	1	
2	18-1	1	
2	18-7	2	SEE NOTE 1
2	18-12	1	
2	18-14	1	
2	19-1	1	
STAGE 2 TOTAL		86	
4	2-5	1	
4	2-12	1	
4	2-14	2	SEE NOTE 2
4	2-15	2	SEE NOTE 2
4	2-17	1	
4	3-4	1	
4	3-6	1	
4	4-7	1	
4	4-9	1	
4	5-1	1	
4	5-2	1	
4	8-4	1	
4	8-8	1	
4	8-10	1	
4	9-2	1	
4	9-5	1	
4	9-10	1	
4	9-14	1	
4	9-16	2	SEE NOTE 2
4	10-2	1	
4	10-6	1	
4	10-11	1	
4	10-13	1	
4	11-1	2	SEE NOTE 2
4	11-5	1	
4	11-7	1	
4	12-5	1	
4	13-1	1	
4	13-3	1	
4	13-6	1	
4	13-9	1	
4	13-10	2	SEE NOTE 2
4	13-11	1	
4	14-2	1	
4	14-5	1	
4	14-6	2	SEE NOTE 2
4	14-9	1	
4	15-3	1	
4	15-8	1	
4	15-9	2	SEE NOTE 2
4	15-13	1	
4	15-15	1	
4	15-18	1	
4	16-2	1	
4	16-6	1	
4	16-9	1	
4	16-10	2	SEE NOTE 2
4	17-3	1	
4	17-5	1	
4	17-10	1	
4	17-13	1	
4	17-15	1	
4	17-18	1	
4	17-22	1	
4	17-24	1	
4	17-26	1	
4	18-2	2	SEE NOTE 2
4	18-4	1	
4	18-6	1	
4	18-9	1	
4	18-11	1	
4	19-2	1	
4	19-3	2	SEE NOTE 2
STAGE 4 TOTAL		73	

MOVING SIGNS CONT'D

638.2102

STAGE	SIGN NUMBER	MOVING SIGNS TYPE II EACH	COMMENTS
5	2-1	1	
5	2-2	1	
5	2-4	1	
5	2-10	1	
5	2-11	1	
5	3-3	1	
5	3-5	1	
5	8-3	1	
5	8-5	1	
5	8-6	1	
5	9-1	1	
5	9-4	1	
5	9-9	1	
5	9-13	1	
5	10-4	1	
5	10-5	1	
5	10-8	1	
5	10-9	1	
5	11-4	1	
5	11-6	1	
5	12-2	1	
5	12-4	1	
5	12-8	1	
5	13-2	1	
5	13-5	1	
5	13-8	1	
5	14-1	1	
5	14-4	1	
5	15-1	1	
5	15-2	1	
5	15-5	1	
5	15-6	1	
5	15-12	1	
5	15-14	1	
5	15-17	1	
5	15-20	1	
5	16-5	1	
5	16-8	1	
5	17-2	1	
5	17-4	1	
5	17-9	1	
5	17-11	1	
5	17-14	1	
5	17-17	1	
5	17-21	1	
5	17-25	1	
5	18-3	1	
5	18-5	1	
5	18-8	1	RE-INSTALL WRONG WAY
5	18-10	1	RE-INSTALL DO NOT ENTER
5	18-13	1	RE-INSTALL DO NOT ENTER
5	18-15	1	RE-INSTALL WRONG WAY
STAGE 5 TOTAL		52	
TOTAL		223	

NOTES:
1) MOVE TO USH 53 SB FOR STAGE 2 DURATION, THEN MOVE BACK TO USH 53 NB AT THE END OF STAGE 2
2) MOVE TO USH 53 NB FOR STAGE 4 DURATION, THEN MOVE BACK TO USH 53 SB AT THE END OF STAGE 4

TYPE I SIGNS AND SUPPORTS

SIGN NUMBER	SIGN CODE	SIGN DIMENSION W X H IN		IN	DESCRIPTION	I-BEAM TYPE	531.1100 CONCRETE MASONRY ANCILLARY STRUCTURES TYPE NS CY	531.1140 STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS LB	531.2024 DRILLING SHAFT 24-INCH LF	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS LB	637.1220 SIGNS TYPE I REFLECTIVE SH SF	638.2601 REMOVING SIGNS TYPE I EACH	638.3100 REMOVING STRUCTURAL STEEL SIGN SUPPORTS EACH	SIGN OFFSET FROM EDGELINE FT
3-1	E1-1A	192	X	156	CTH V / HAUGEN / BIRCHWOOD 1 1/2 MILES	W12X26	2.4	360	20	1,661	208.00	1	2	30
3-1	E1-5P	108	X	30	EXIT 150	--	--	--	--	--	22.50	--	--	--
4-10	D2-3	192	X	84	RICE LAKE / CAMERON / EAU CLAIRE	W8X21	2.0	220	16	926	112.00	1	2	30
5-3	E4-1A	228	X	126	CTH V / HAUGEN / BIRCHWOOD	W12X26	3.6	540	20	2,224	199.50	1	2	30
5-3	E1-5P	108	X	30	EXIT 150	--	--	--	--	--	22.50	--	--	--
6-1	E4-1A	228	X	126	CTH V / HAUGEN / BIRCHWOOD	W12X26	2.4	360	20	1,303	199.50	1	2	30
6-1	E1-5P	108	X	30	EXIT 150	--	--	--	--	--	22.50	--	--	--
8-11	E1-1A	192	X	156	CTH V / HAUGEN / BIRCHWOOD 1 MILE	W12X26	2.4	360	20	1,585	208.00	1	2	30
8-11	E1-5P	108	X	30	EXIT 150	--	--	--	--	--	22.50	--	--	--
9-7	D2-3	168	X	84	SPOONER / TREGO / SUPERIOR	W8X21	2.0	220	16	995	98.00	1	2	30
TOTALS							14.8	2,060	112	8,694	1,115.00	6	12	

TYPE II SIGNS AND SUPPORTS

STAGE	SIGN NUMBER	SIGN CODE	SIGN DIMENSION W X H IN		IN	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF
5A	2-3	R1-2	36	X	31	1	--	3.88
5A	2-8	R1-2	36	X	31	1	--	3.88
STAGE 5 TOTALS						2	--	7.76
UNDISTRIBUTED						40	10	--
TOTALS						42	10	7.76

NOTE:
UNDISTRIBUTED QUANTITY INCLUDED FOR DAMAGED POSTS OR LOCATIONS IN WHICH SIGN HEIGHT ADJUSTMENTS REQUIRE A NEW POST.

TEMPORARY BARRIER AND CRASH CUSHIONS

STAGE	STATION	TO	STATION	OFFSET	603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED LF	603.8125 CONCRETE BARRIER TEMPORARY PRECAST INSTALLED LF	603.8500 ANCHORING CONCRETE BARRIER TEMPORARY PRECAST LF	614.0905 CRASH CUSHIONS TEMPORARY EACH	FOR INFORMATION BACK WIDTH (FT)	OBJECT MARKING PATTERN	CRASH TEST LEVEL	TRAFFIC DIRECTION	TRAFFIC LOCATION
2	6211+85	-	6221+28	RT	935	935	--	1	2	OM-3L	TL-3	BIDIRECTIONAL	L & R
2	6219+28	-	6231+85	RT	1,255	1,255	1,155	--	--	--	--	--	--
STAGE 2 TOTALS					2,190	2,190	1,155	1					
4	2764+15	-	2771+25	LT	705	705	--	1	2	OM-3L	TL-3	BIDIRECTIONAL	L & R
4	3208+80	-	3231+00	LT & RT	2,210	2,210	--	1	2	OM-3L	TL-3	BIDIRECTIONAL	L & R
4	3210+50	-	3218+50	LT	800	800	--	--	--	--	--	--	--
4	6220+15	-	6232+37	LT & RT	1,230	1,230	1,085	--	--	--	--	--	--
STAGE 4 TOTALS					4,945	4,945	1,085	2					
TOTALS					7,135	7,135	2,240	3					

NOTE:
TEMPORARY BARRIER REQUIRED IN STAGE 3 AT NORTH PROJECT LIMITS, THE QUANTITY IS INCLUDED IN STAGE 4

TRAFFIC CONTROL ITEMS

STAGE	LOCATION	STAGE DURATION DAYS	643.0300 TRAFFIC CONTROL DRUMS NO.	DAY	643.1070 TRAFFIC CONTROL CONES 42-INCH NO.	DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III NO.	DAY	643.0500* TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS NO.	EACH	643.0600* TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES NO.	EACH	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A NO.	DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C NO.	DAY	643.0800 TRAFFIC CONTROL ARROW BOARDS NO.	DAY	643.0900 TRAFFIC CONTROL SIGNS NO.	DAY	643.1051 TRAFFIC CONTROL SIGNS PCMS WITH CELLULAR COMMUNICATIONS NO.	DAY	643.4100 TRAFFIC CONTROL INTERIM LANE CLOSURE EACH
--	PRIOR TO PROJECT (YEAR 1)	7	10	70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	14	--
1A	USH 53 MEDIAN WORK (NB & SB LANE CLOSURES)	20	1,570	31,400	60	1,200	100	2,000	--	--	--	--	175	3,500	63	1,260	4	80	155	3,100	2	40	8
1B	USH 53 SB TEMP WIDENING & GUARDRAIL (SB LANE CLOSURE)	15	400	6,000	80	1,200	42	630	--	--	--	--	64	960	25	375	2	30	78	1,170	2	30	3
STAGE 1 TOTALS				37,470		2,400		2,630		--		--		4,460		1,635		110		4,270		84	11
--	PRIOR TO PROJECT (YEAR 2)	7	10	70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	14	--
--	PROJECT (YEAR 2)	5	1,570	7,850	--	--	100	500	--	--	--	--	175	875	63	315	4	20	155	775	2	10	--
2	USH 53 NB WORK (BI-DIRECTIONAL TRAFFIC IN SB)	75	500	37,500	--	--	125	9,375	1,190	1,190	1,030	1,030	194	14,550	80	6,000	4	300	142	10,650	2	150	--
STAGE 2 TOTALS				45,420		--		9,875		1,190		1,030		15,425		6,315		320		11,425		174	--
3	USH 53 MEDIAN WORK (NB & SB LANE CLOSURES)	15	630	9,450	--	--	100	1,500	--	--	--	--	174	2,610	63	945	4	60	158	2,370	2	30	--
STAGE 3 TOTALS				9,450		--		1,500						2,610		945		60		2,370		30	--
4	USH 53 SB WORK (BI-DIRECTIONAL TRAFFIC IN NB)	75	400	30,000	--	--	110	8,250	1,160	1,160	1,010	1,010	174	13,050	80	6,000	4	300	131	9,825	2	150	--
STAGE 4 TOTALS				30,000		--		8,250		1,160		1,010		13,050		6,000		300		9,825		150	--
5A	USH 53 MEDIAN WORK (NB & SB LANE CLOSURES)	35	1,500	52,500	--	--	100	3,500	--	--	--	--	175	6,125	100	3,500	4	140	160	5,600	2	70	--
5B	USH 53 NB WORK (USH 53 NB LANE CLOSURE)	10	700	7,000	--	--	50	500	--	--	--	--	95	950	25	250	2	20	95	950	2	20	--
STAGE 5 TOTALS				59,500		--		4,000		--		--		7,075		3,750		160		6,550		90	--
TOTALS				181,840		2,400		26,255		2,350		2,040		42,620		18,645		950		34,440		528	11

NOTES:
1) FLEXIBLE TUBULAR MARKERS REQUIRED IN STAGE 3, THE QUANTITY IS INCLUDED IN STAGE 4
2) UTILIZE PREVIOUSLY INSTALLED FLEXIBLE TUBULAR MARKERS WHERE POSSIBLE BETWEEN STAGES
3) TRAFFIC CONTROL INTERIM LANE CLOSURES ARE ONLY PAID IN YEAR ONE DURING STAGE 1A AND 1B

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

COVERING SIGNS

STAGE	SIGN NUMBER	NUMBER OF CYCLES	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II NO.	EACH	COMMENTS
2	2-4	1	1	1	KEEP RIGHT
2	2-5	1	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
2	2-10	1	1	1	KEEP RIGHT
2	2-11	1	1	1	DO NOT ENTER
2	2-12	1	1	1	WRONG WAY
2	3-4	1	1	1	ONE WAY (LEFT)
2	3-5	1	1	1	DO NOT ENTER
2	3-6	1	1	1	WRONG WAY
2	8-4	1	1	1	ONE WAY (LEFT)
2	8-6	1	1	1	DO NOT ENTER
2	8-8	1	1	1	WRONG WAY
2	9-2	1	1	1	ONE WAY (LEFT)
2	9-4	1	1	1	DO NOT ENTER
2	9-5	1	1	1	WRONG WAY
2	9-10	1	1	1	ONE WAY (LEFT)
2	9-13	1	1	1	DO NOT ENTER
2	9-14	1	1	1	WRONG WAY
2	10-6	1	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
2	10-8	1	1	1	KEEP RIGHT
2	10-9	1	1	1	DO NOT ENTER
2	10-11	1	1	1	WRONG WAY
2	11-5	1	1	1	ONE WAY (LEFT)
2	11-6	1	1	1	DO NOT ENTER
2	11-7	1	1	1	WRONG WAY
2	12-4	1	1	1	DO NOT ENTER
2	12-5	1	1	1	WRONG WAY
2	13-1	1	1	1	ONE WAY (LEFT)
2	13-2	1	1	1	DO NOT ENTER
2	13-3	1	1	1	WRONG WAY
2	13-6	1	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
2	13-8	1	1	1	DO NOT ENTER
2	13-9	1	1	1	WRONG WAY
2	14-2	1	1	1	ONE WAY (LEFT)
2	14-4	1	1	1	DO NOT ENTER
2	14-5	1	1	1	WRONG WAY
2	15-2	1	1	1	KEEP RIGHT
2	15-3	1	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
2	15-6	1	1	1	DO NOT ENTER
2	15-8	1	1	1	WRONG WAY
2	15-13	1	1	1	ONE WAY (LEFT)
2	15-14	1	1	1	DO NOT ENTER
2	15-15	1	1	1	WRONG WAY
2	15-18	1	1	1	ONE WAY (LEFT)
2	15-20	1	1	1	DO NOT ENTER
2	16-2	1	1	1	WRONG WAY
2	16-6	1	1	1	ONE WAY (LEFT)
2	16-8	1	1	1	DO NOT ENTER
2	16-9	1	1	1	WRONG WAY
2	17-3	1	1	1	ONE WAY (LEFT)
2	17-4	1	1	1	DO NOT ENTER
2	17-5	1	1	1	WRONG WAY
2	17-10	1	1	1	ONE WAY (LEFT)
2	17-11	1	1	1	DO NOT ENTER
2	17-13	1	1	1	WRONG WAY
2	17-15	1	1	1	ONE WAY (LEFT)
2	17-17	1	1	1	DO NOT ENTER
2	17-18	1	1	1	WRONG WAY
2	17-22	1	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
2	17-25	1	1	1	DO NOT ENTER
2	17-26	1	1	1	WRONG WAY
2	18-4	1	1	1	ONE WAY (LEFT)
2	18-5	1	1	1	DO NOT ENTER
2	18-6	1	1	1	WRONG WAY
2	18-11	1	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
STAGE 2 TOTAL				64	

COVERING SIGNS CONT'D

STAGE	SIGN NUMBER	NUMBER OF CYCLES	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II NO.	EACH	COMMENTS
4	1-4	1	1	1	WRONG WAY
4	2-2	1	1	1	DO NOT ENTER
4	2-7	1	1	1	NO RIGHT TURN
4	2-8	1	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
4	3-2	1	1	1	WRONG WAY
4	3-3	1	1	1	DO NOT ENTER
4	4-1	1	1	1	WRONG WAY
4	4-2	1	1	1	DO NOT ENTER
4	4-4	1	1	1	ONE WAY (RIGHT)
4	4-5	1	1	1	ONE WAY (RIGHT)
4	8-2	1	1	1	WRONG WAY
4	8-3	1	1	1	DO NOT ENTER
4	8-5	1	1	1	ONE WAY (RIGHT)
4	8-7	1	1	1	ONE WAY (LEFT)
4	8-13	1	1	1	WRONG WAY
4	9-1	1	1	1	DO NOT ENTER
4	9-3	1	1	1	ONE WAY (LEFT)
4	9-8	1	1	1	WRONG WAY
4	9-9	1	1	1	DO NOT ENTER
4	9-11	1	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
4	10-1	1	1	1	WRONG WAY
4	10-4	1	1	1	DO NOT ENTER
4	10-5	1	1	1	KEEP RIGHT
4	10-7	1	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
4	11-3	1	1	1	WRONG WAY
4	11-4	1	1	1	DO NOT ENTER
4	12-1	1	1	1	WRONG WAY
4	12-2	1	1	1	DO NOT ENTER
4	12-3	1	1	1	ONE WAY (LEFT)
4	12-7	1	1	1	WRONG WAY
4	12-8	1	1	1	DO NOT ENTER
4	12-9	1	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
4	13-4	1	1	1	WRONG WAY
4	13-5	1	1	1	DO NOT ENTER
4	13-7	1	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
4	13-13	1	1	1	WRONG WAY
4	14-1	1	1	1	DO NOT ENTER
4	14-3	1	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
4	14-8	1	1	1	WRONG WAY
4	15-1	1	1	1	DO NOT ENTER
4	15-4	1	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
4	15-5	1	1	1	KEEP RIGHT
4	15-11	1	1	1	WRONG WAY
4	15-12	1	1	1	DO NOT ENTER
4	15-16	1	1	1	WRONG WAY
4	15-17	1	1	1	DO NOT ENTER
4	15-19	1	1	1	ONE WAY (LEFT)
4	16-4	1	1	1	WRONG WAY
4	16-5	1	1	1	DO NOT ENTER
4	16-7	1	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
4	17-1	1	1	1	WRONG WAY
4	17-2	1	1	1	DO NOT ENTER
4	17-8	1	1	1	WRONG WAY
4	17-9	1	1	1	DO NOT ENTER
4	17-12	1	1	1	WRONG WAY
4	17-14	1	1	1	DO NOT ENTER
4	17-16	1	1	1	ONE WAY (RIGHT)
4	17-20	1	1	1	WRONG WAY
4	17-21	1	1	1	DO NOT ENTER
4	17-23	1	1	1	ONE WAY (LEFT)
4	18-1	1	1	1	WRONG WAY
4	18-3	1	1	1	DO NOT ENTER
4	18-12	1	1	1	ONE WAY (LEFT)
STAGE 4 TOTAL				63	
TOTAL				127	

3

TEMPORARY MARKING PAINT, TAPE, & MARKERS ITEMS

STAGE	STATION	TO	STATION	633.1100* DELINEATORS TEMPORARY EACH	646.9000 MARKING REMOVAL LINE 4-INCH LF	646.9050 MARKING REMOVAL LINE GROOVED PERMANENT TAPE 4-INCH LF	646.9100 MARKING REMOVAL LINE 8-INCH LF	643.3105 TEMPORARY MARKING LINE PAINT 4-INCH 3' LINE 9' SKIP WHITE LF	643.3105 3' LINE 9' SKIP YELLOW LF	643.3105 SOLID WHITE LF	643.3105 SOLID YELLOW LF	643.3205 TEMPORARY MARKING LINE PAINT 8-INCH 3' LINE 9' SKIP WHITE LF	643.3205 SOLID WHITE LF	643.3150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH 3' LINE 9' SKIP WHITE LF	643.3150 3' LINE 9' SKIP YELLOW LF	643.3150 SOLID WHITE LF	643.3150 SOLID YELLOW LF	643.3250 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH SOLID WHITE LF	643.3760 TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I YELLOW EACH	643.3760 WHITE EACH	643.3960 TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH LF	643.3970 10-INCH LF
1A	NB & SB LANE CLOSURE TAPERS			--	--	--	--	--	--	--	--	--	--	--	--	--	5,280	--	--	--	1,420	--
1B	SB LANE CLOSURE TAPER & LANE SHIFTS			--	--	--	--	--	--	--	--	--	--	--	--	1,980	--	--	--	--	535	--
STAGE 1 TOTALS				--	--	--	--	--	--	--	--	--	--	--	--	1,980	5,280	--	--	--	1,955	--
									--			--			7,260				--			
2	NB & SB LANE CLOSURE TAPERS			--	--	360	--	--	--	--	--	--	--	--	--	660	720	--	--	--	--	--
2	5754+07	-	6236+48	140	4,265	40	--	85	85	48,630	99,365	40	1,410	--	--	5,590	860	--	105	105	695	550
STAGE 2 TOTALS				140	4,265	400	--	85	85	48,630	99,365	40	1,410	--	--	6,250	1,580	--	105	105	695	550
									148,165			1,450			7,830				210			
3	NB & SB LANE CLOSURE TAPERS			--	--	--	--	--	--	--	--	--	--	--	--	--	1,320	--	--	--	--	--
STAGE 3 TOTALS				--	--	--	--	--	--	--	--	--	--	--	--	--	1,320	--	--	--	--	--
									--			--			1,320				--			
4	NB & SB LANE CLOSURE TAPERS			--	--	--	--	--	--	--	--	--	--	--	--	660	660	--	--	--	--	--
4	2754+50	-	3237+00	170	3,340	--	100	--	--	82,310	5,125	--	550	80	80	8,510	96,430	900	105	105	1,390	250
STAGE 4 TOTALS				170	3,340	--	100	--	--	82,310	5,125	--	550	80	80	9,170	97,090	900	105	105	1,390	250
									87,435			550			106,420				210			
5	NB & SB LANE CLOSURE TAPERS			--	--	--	--	--	--	--	--	--	--	--	--	--	1,320	--	--	--	--	--
5	6213+35	-	6235+95	40	--	--	--	--	--	--	--	--	--	--	--	3,270	2,260	--	--	--	1,200	--
STAGE 5 TOTALS				40	--	--	--	--	--	--	--	--	--	--	--	3,270	3,580	--	--	--	1,200	--
									--			--			6,850				--			
TOTALS				350	7,605	400	100		235,600			2,000			129,680			900	420		5,240	800

NOTES:
1) TEMPORARY MARKING REMOVEABLE TAPE REQUIRED FOR EXISTING PAVEMENT LOCATIONS THAT WILL NOT BE RECONSTRUCTED (BEYOND SOUTH LIMIT, CTH V, AND BEYOND NORTH LIMIT) AND LOCATIONS WHERE PAVEMENT HAS BEEN NEWLY CONSTRUCTED IN PREVIOUS STAGES
2) REMOVAL OF CONTRAST TAPE (LANE LINE) PRIOR TO TEMPORARY CROSSOVER LIMITS IS PLANNED IN STAGE 2 AND IT IS ESTIMATED THAT THE SAME LANE CLOSURE CONFIGURATIONS CAN BE USED IN FUTURE STAGES

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TEMPORARY MARKING EPOXY ITEMS (WINTER SHUTDOWN)

STAGE	STATION	TO	STATION	643.3120 TEMPORARY MARKING LINE EPOXY 4-INCH SOLID WHITE LF	643.3120 SOLID YELLOW LF	643.3220 TEMPORARY MARKING LINE EPOXY 8-INCH SOLID WHITE LF	COMMENTS
1A	5770+92	-	5776+04	--	512	--	EDGELINE SOUTH OF 26TH AVE
1A	5776+55	-	5776+56	--	75	--	CENTERLINES AT 26TH AVE INTERSECTION
1A	5777+29	-	5778+98	--	--	170	TURN LANE NORTH OF 26TH AVE
1A	5777+29	-	5780+91	--	367	--	EDGELINE NORTH OF 26TH AVE
1A	5876+25	-	5878+09	--	185	--	EDGELINE SOUTH OF CTH V INTERCHANGE
1A	5981+97	-	5985+53	--	357	--	EDGELINE SOUTH OF 29 3/4 AVE
1A	5986+25	-	5987+11	--	--	86	TURN LANE NORTH OF 29 3/4 AVE
1A	5986+26	-	5999+51	--	1,328	--	EDGELINE NORTH OF 29 3/4 AVE TO 30TH AVE
1A	6000+58	-	6002+31	--	--	173	TURN LANE NORTH OF 30TH AVE
1A	6000+58	-	6006+33	--	576	--	EDGELINE NORTH OF 30TH AVE
1B	5770+94	-	5775+44	451	--	--	EDGELINE SOUTH OF 26TH AVE
1B	5777+17	-	5779+80	--	--	264	TURN LANE NORTH OF 26TH AVE
1B	5777+17	-	5779+80	264	--	--	EDGELINE NORTH OF 26TH AVE
1B	5983+07	-	5998+94	1,589	--	--	EDGELINE SOUTH OF 29 3/4 AVE TO 30TH AVE
1B	6000+94	-	6003+84	--	--	292	TURN LANE NORTH OF 30TH AVE
1B	6000+94	-	6006+73	581	--	--	EDGELINE NORTH OF 30TH AVE
STAGE 1 TOTALS				2,885	3,400	985	
					6,285		
TOTALS					6,285	985	

NOTE:
TEMPORARY MARKING EPOXY IS PROVIDED TO RESTORE EXISTING MARKING FOR WINTER SHUTDOWN UPON COMPLETION OF TEMPORARY PAVING IN YEAR 1.

DELINEATORS AND MARKERS

STAGE	STATION	TO	STATION	OFFSET	204.0180 REMOVING DELINEATORS AND MARKERS EACH	633.0100 DELINEATOR POSTS STEEL EACH	633.0500 DELINEATOR REFLECTORS WHITE EACH	633.1100* DELINEATORS TEMPORARY DOUBLE SIDED YELLOW EACH	643.0500* TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS WHITE EACH	643.0600* TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES WHITE EACH	COMMENTS
1A	5762+97	-	5765+89	RT	--	--	--	8	50	50	SOUTH LIMIT TEMP CROSSOVER
1A	5883+84	-	5885+60	LT	--	--	--	8	28	28	CTH V SOUTH TEMP CROSSOVER
1A	5912+45	-	5915+96	LT	--	--	--	8	62	62	CTH V NORTH TEMP CROSSOVER
STAGE 1 TOTALS					--	--	--	24	140	140	
2	3207+60	-	3230+65	LT	128	--	--	--	--	--	
STAGE 2 TOTAL					128	--	--	--	--	--	
5B	2770+27	-	2878+16	RT	30	30	30	--	--	--	
5B	2929+63	-	3230+00	RT	75	75	75	--	--	--	
5B	5770+92	-	5878+10	LT	30	30	30	--	--	--	
5B	5929+36	-	6230+00	LT	75	75	75	--	--	--	
STAGE 5 TOTALS					210	210	210	--	--	--	
TOTALS					338	210	210	24	140	140	

NOTE:
*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PERMANENT MARKING ITEMS

STAGE	STATION	TO	STATION	OFFSET	646.1020 MARKING LINE EPOXY 4-INCH (CENTERLINE) SOLID YELLOW LF	646.1040 MARKING LINE GROOVED WET REF EPOXY 4-INCH (EDGELINE) SOLID WHITE LF	646.1040 MARKING LINE GROOVED WET REF EPOXY 4-INCH (EDGELINE) SOLID YELLOW LF	646.1555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE (LANE LINE) 4-INCH 12.5' LINE 37.5' SKIP WHITE LF	646.3555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE (TURN LANE) 8-INCH SOLID WHITE LF	646.5420 MARKING AERIAL ENFORCEMENT BAR EPOXY EACH	646.6464 COLD WEATHER MARKING EPOXY 4-INCH WHITE LF	646.6464 COLD WEATHER MARKING EPOXY 4-INCH YELLOW LF	646.6468 COLD WEATHER MARKING EPOXY 8-INCH WHITE LF
4	5770+92	-	5878+10	LT & RT	--	10,590	10,440	2,690	600	--	--	--	--
4	5929+36	-	6219+00	LT & RT	--	28,520	26,450	7,250	1,190	--	--	--	--
4	6025+25	-	6051+65	LT & RT	--	--	--	--	--	10	--	--	--
STAGE 4 TOTALS					--	39,110	36,890	9,940	1,790	10	--	--	--
						76,000					--		
5A	5756+08	-	5770+92	RT	--	--	1,590	--	--	--	--	1,590	--
5A/5B	2755+50	-	2887+08	LT & RT	--	10,550	12,940	2,720	650	--	13,270	12,940	650
5A	5878+10	-	5887+41	RT	--	--	930	--	--	--	--	930	--
5A/5B	2910+28	-	3211+00	LT & RT	--	27,430	28,190	7,040	1,680	--	34,470	28,190	1,680
5A	5912+41	-	5929+36	RT	--	--	1,700	--	--	--	--	1,700	--
5B	3018+75	-	3045+15	LT & RT	--	--	--	--	--	10	--	--	--
5B	3211+00	-	3230+00	LT & RT	--	1,900	2,280	475	90	--	2,375	2,280	90
5B	6219+00	-	6230+00	LT & RT	--	1,100	1,590	275	190	--	1,375	1,590	190
5B	26TH AVE INTERSECTION			--	400	--	--	--	--	--	--	400	--
5B	29 3/4TH AVE INTERSECTION			--	100	--	--	--	--	--	--	100	--
5B	30TH AVE INTERSECTION			--	300	--	--	--	--	--	--	300	--
5B	LONG LAKE AVE INTERSECTION			--	200	--	--	--	--	--	--	200	--
STAGE 5 TOTALS					1,000	40,980	49,220	10,510	2,610	10	51,490	50,220	2,610
						90,200					101,710		
TOTALS					1,000	166,200		20,450	4,400	20	101,710		2,610

SAWING ITEMS

STAGE	STATION	TO	STATION	OFFSET	690.0150 SAWING ASPHALT LF	690.0250* SAWING CONCRETE LF	COMMENTS
1A	2755+50	-	2780+55	LT	4,049	--	SOUTH LIMIT TEMP CROSSOVER & 26TH AVE TEMP WIDENING
1A	2876+43	-	2887+08	LT	214	--	CTH V SOUTH TEMP CROSSOVER
1A	2910+28	-	2927+28	LT	12	--	CTH V NORTH TEMP CROSSOVER
1A	5981+96	-	6006+33	RT	2,567	--	29 3/4 AVE & 30TH AVE TEMP WIDENING
1B	5889+12	-	5889+37	LT	--	25	TEMPORARY GUARDRAIL & SURFACE DRAIN REMOVAL
1B	5770+37	-	5779+80	LT	811	--	26TH AVE TEMP WIDENING
1B	5983+07	-	6006+74	LT	2,203	--	29 3/4 AVE & 30TH AVE TEMP WIDENING
STAGE 1 TOTALS					9,855	25	
2	2770+27	-	2878+16	LT&.RT	94	50	MAINLINE, INTERSECTIONS, & MEDIAN OPENINGS
2	2878+16	-	2881+78	RT	365	--	GUARDRAIL REPLACEMENT
2	2929+63	-	3211+00	LT&.RT	1,250	40	MAINLINE, INTERSECTIONS, & MEDIAN OPENINGS
2	3211+00	-	3230+00	LT&.RT	8	1,917	MAINLINE (DRIVING LANE)
STAGE 2 TOTALS					1,717	2,007	
3	2873+25	-	2887+58	LT	497	--	CTH V SOUTH TEMP CROSSOVER
3	2912+59	-	2926+50	LT	9	--	CTH V NORTH TEMP CROSSOVER
STAGE 3 TOTALS					506	--	
4	5770+92	-	5878+10	LT&.RT	188	50	MAINLINE, INTERSECTIONS, & MEDIAN OPENINGS
4	5929+36	-	6219+00	LT&.RT	1,520	40	MAINLINE, INTERSECTIONS, & MEDIAN OPENINGS
4	6219+00	-	6230+00	LT&.RT	8	1,118	MAINLINE (DRIVING LANE)
STAGE 4 TOTALS					1,716	1,208	
5	2770+27	-	2780+14	LT	653	--	26TH AVE OVER WIDENING REMOVAL
5	2982+03	-	3008+06	LT	2,173	--	29 3/4 AVE & 30TH AVE OVER WIDENING REMOVAL
STAGE 5 TOTALS					2826	--	
TOTALS					16,620	3,240	

NOTE:
*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CONSTRUCTION STAKING ITEMS

STAGE	STATION	TO	STATION	OFFSET	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF	650.9911.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (1198-10-77) EACH	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF	COMMENTS
1A	2755+50	-	2780+55	LT	2	2,505	2,505	--	--	--	--	--	2,505	SOUTH LIMIT TEMPORARY CROSSOVER & 26TH TEMP WIDENING
1A	2876+43	-	2887+08	LT	1	1,065	1,065	--	--	--	--	--	1,065	CTH V SOUTH TEMP CROSSOVER
1A	2910+28	-	2927+28	LT	--	1,700	1,700	--	--	--	--	--	1,700	CTH V NORTH TEMP CROSSOVER
1A	5981+97	-	6006+33	RT	1	2,436	2,436	--	--	--	--	--	2,436	29 3/4 AVE & 30TH AVE TEMP WIDENING
1B	5770+38	-	5779+80	LT	--	--	--	--	--	--	942	--	--	26TH AVE TEMP WIDENING
1B	5983+07	-	6006+73	LT	--	--	--	--	--	--	2,368	--	--	29 3/4 AVE & 30TH AVE TEMP WIDENING
STAGE 1 TOTALS					4	7,706	7,706	--	--	--	3,310	--	7,706	
2	2770+27	-	2878+16	LT & RT	--	1,255	1,255	--	--	10,790	--	--	10,789	MAINLINE
2		2812+51		LT	1	--	--	--	--	--	--	--	--	STORM SEWER REPLACEMENT
2		2848+39		LT & RT	2	--	--	--	--	--	--	--	--	STORM SEWER REPLACEMENT
2	2878+16	-	2882+26	RT	--	--	--	--	--	--	--	--	410	GUARDRAIL REPLACEMENT
2	2890+22	-	2894+08	LT & RT	--	--	--	--	--	--	--	--	386	TEMPORARY GUARDRAIL
2	2929+63	-	3211+00	LT & RT	--	5,345	5,345	--	--	28,137	--	--	28,137	MAINLINE
2	2985+71	-	2986+58	LT	--	--	--	--	1	--	--	--	--	MEDIAN OPENING
2		3039+80		LT & RT	2	--	--	--	--	--	--	--	--	STORM SEWER REPLACEMENT
2	3211+00	-	3230+00	RT	--	--	--	--	--	1,900	--	--	1,900	MAINLINE (DRIVING LANE)
2		5827+38		RT	1	--	--	--	--	--	--	--	--	STORM SEWER REPLACEMENT
2	15+28	-	15+90	LT & RT	--	62	62	150	--	--	--	--	62	26TH AVE
2	20+14	-	21+16	LT & RT	--	102	102	135	--	--	--	--	102	27TH AVE
2	30+88	-	31+33	LT & RT	--	45	45	--	--	--	--	--	45	29 3/4 AVE
2	42+92	-	43+75	LT & RT	--	83	83	140	--	--	--	--	83	30TH AVE
2	50+95	-	51+69	LT & RT	--	74	74	--	--	--	--	--	74	PIERCE RD
2	60+92	-	61+68	LT & RT	--	76	76	--	--	--	--	--	76	A&J RD
2	73+92	-	75+10	LT & RT	--	118	118	--	--	--	--	--	118	LONG LAKE AVE
2	80+88	-	81+75	LT & RT	--	87	87	--	--	--	--	--	87	DUCK POND RD
STAGE 2 TOTALS					6	7,247	7,247	425	1	40,827	--	--	42,269	
3	2873+25	-	2887+58	LT	1	1,433	1,433	--	--	--	--	--	1,433	CTH V SOUTH TEMP CROSSOVER
3	2912+59	-	2926+50	LT	2	1,341	1,341	--	--	--	--	--	1,341	CTH V NORTH TEMP CROSSOVER
STAGE 3 TOTALS					3	2,774	2,774	--	--	--	--	--	2,774	
4	5770+92	-	5878+10	LT & RT	--	930	930	--	--	10,718	--	--	10,718	MAINLINE
4		5777+45		LT & RT	2	--	--	--	--	--	--	--	--	STORM SEWER REPLACEMENT
4	5929+36	-	6219+00	LT & RT	--	4,712	4,712	--	--	28,965	--	--	28,967	MAINLINE
4		5944+87		LT & RT	2	--	--	--	--	--	--	--	--	STORM SEWER REPLACEMENT
4		5951+88		LT & RT	2	--	--	--	--	--	--	--	--	STORM SEWER REPLACEMENT
4		6039+58		LT & RT	1	--	--	--	--	--	--	--	--	STORM SEWER REPLACEMENT
4	6219+00	-	6230+00	LT	--	530	530	--	--	1,100	--	--	1,100	MAINLINE (DRIVING LINE)
4	13+17	-	13+85	LT & RT	--	68	68	150	--	--	--	--	68	26TH AVE
4	41+08	-	41+85	LT & RT	--	77	77	145	--	--	--	--	77	30TH AVE
4	72+15	-	72+86	LT & RT	--	71	71	--	--	--	--	--	71	BIG KEGAMA RD
4	95+93	-	96+12	LT & RT	--	19	19	--	--	--	--	--	19	PINE GROVE RD
4	102+31	-	103+12	LT & RT	--	81	81	--	--	--	--	--	81	ZIMMERMAN RD
STAGE 4 TOTALS					7	6,488	6,488	295	--	40,783	--	--	41,101	
5		2759+34		LT	1	--	--	--	--	--	--	--	--	STORM SEWER REPLACEMENT
5		2767+32		LT	1	--	--	--	--	--	--	--	--	STORM SEWER REPLACEMENT
5	2822+67	-	2823+52	LT	--	--	--	--	1	--	--	--	--	MEDIAN OPENING
5	3018+23	-	3018+88	LT	--	--	--	--	1	--	--	--	--	MEDIAN OPENING
5	3034+95	-	3035+72	LT	--	--	--	--	1	--	--	--	--	MEDIAN OPENING
5	3052+33	-	3053+30	LT	--	--	--	--	1	--	--	--	--	MEDIAN OPENING
5	3058+00	-	3058+95	LT	--	--	--	--	1	--	--	--	--	MEDIAN OPENING
5	3133+96	-	3134+62	LT	--	--	--	--	1	--	--	--	--	MEDIAN OPENING
5	3149+43	-	3150+24	LT	--	--	--	--	1	--	--	--	--	MEDIAN OPENING
5	3166+55	-	3167+30	LT	--	--	--	--	1	--	--	--	--	MEDIAN OPENING
5	3177+45	-	3178+11	LT	--	--	--	--	1	--	--	--	--	MEDIAN OPENING
5	3188+30	-	3189+22	LT	2	--	--	--	--	--	--	--	--	STORM SEWER REPLACEMENT
5	3211+00	-	3230+00	LT	--	375	375	--	--	1,900	--	--	1,900	MAINLINE NB (PASSING LANE)
5	3217+20	-	3217+98	LT	--	--	--	--	1	--	--	--	--	MEDIAN OPENING
5		5883+10		RT	1	--	--	--	--	--	--	--	--	STORM SEWER REPLACEMENT
5	6219+00	-	6230+00	RT	--	--	--	--	--	1,100	--	--	1,100	MAINLINE SB (PASSING LANE)
STAGE 5 TOTALS					5	375	375	--	10	3,000	--	--	3,000	
PROJECT					--	--	--	--	--	--	--	1	--	
TOTALS					25	24,590	24,590	720	11	84,610	3,310	1	96,850	

NOTES:
BASE STAKING FOR ASPHALTIC SHOULDERS IS INCIDENTAL TO CONCRETE PAVEMENT ALONG MAINLINE
SUBGRADE AND BASE STAKING PAID ALONG MAINLINE FOR INTERSECTIONS, TURN LANES, AND MEDIAN OPENINGS

CABLE BARRIER ITEMS

PROJECT	STAGE	STATION	TO	STATION	OFFSET	613.1100.S CABLE BARRIER TYPE 1 LF	613.1200.S CABLE BARRIER END TERMINAL TYPE 1 EACH
1198-10-78	4	5802+09		5822+72	RT	1,970	2
	4	5823+43		5835+31	RT	1,115	2
STAGE 4 TOTALS						3,085	4
1198-10-78	5	2776+49	-	2803+58	LT	2,605	2
STAGE 5 TOTALS						2,605	2
PROJECT ID 1198-10-78 TOTALS						5,690	6

CONSTRUCTION STAKING

LOCATION	650.9911.02 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (1198-10-78) EACH
PROJECT	1
PROJECT ID 1198-10-78 TOTAL	1

3

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

RICHARD J & LYNN R KUNESH

TIMOTHY P & LONA D HAUGHIAN

JOHN J KOKESH

JOHN J KOKESH

STATE OF WISCONSIN DNR

HERB L & BRENDA L SCHWEITZER

DONNA J DOSTAL

RONALD L SLOAN

RONALD L SLOAN

JAMES & RUTH MAE MLEJNEK

JAMES & RUTH MAE MLEJNEK

WILD RIVERS STATE TRAIL

CTH SS

26TH AVE

EX R/W

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
A	2770+86.52	RT	END EOP TAPER
B	2771+61.65	RT	BEGIN EOP TAPER
C	2772+09.72	LT	SHOULDER PAVEMENT STRUCTURE CHANGE
D	2772+22.22	LT	END EOP TAPER
E	2773+59.72	LT	BEGIN EOP TAPER

BEGIN CONSTRUCTION
SHOULDER REPLACEMENT
PROJECT 1198-10-77
STA 5756+08
MATCH EXISTING
SAWCUT REQ'D

EX R/W

B-03-0056
TO REMAIN

5745 5750 5755 USH 53 SB 5760 5765 N16° 41' 40"E 5770 N16° 34' 55"E 5775

Y = 160449.190
X = 328152.810

2745 2750 2755 USH 53 NB 2760 2765 N16° 41' 40"E 2770 N16° 41' 40"E

Y = 160473.784
X = 328272.938

B-03-0057
TO REMAIN

EX R/W

BEGIN CONSTRUCTION
PROJECT 1198-10-77
STA 5770+92
MATCH EXISTING
SAWCUT REQ'D

PI: 5770+44.31

ASTREA
(COMMUNICATION)

BARRON ELECTRIC
(ELECTRIC)

Y = 162886.258
X = 328883.709

EX R/W

BEGIN CONSTRUCTION
SHOULDER REPLACEMENT
PROJECT 1198-10-77
STA 2755+50
MATCH EXISTING
SAWCUT REQ'D

BEGIN PROJECT 1198-10-77
STA 2770+27
Y=162,894.271
X=328,998.865
MATCH EXISTING
SAWCUT REQ'D

STAGE 5
STA 2759+34, LT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVING STORM SEWER 30-INCH
SSPRC CLASS III 30-INCH CONNECTIONS REQ'S
2-CONCRETE COLLARS REQ'D

STA 2759+34, LT&RT
EXISTING 30" SSPRC TO REMAIN

STAGE 1
STA 2760+41, LT
1-TEMPORARY INLETS MEDIAN 1 GRATE REQ'D
1-TEMPORARY INLET COVER TYPE MS REQ'D

STA 2759+34 - STA 2760+86, LT
TEMPORARY SSPRC CLASS III-A 18-INCH REQ'D
TIE TO EXISTING INLET AT STA 2759+34, LT
1-TEMPORARY AEW REQ'D

STAGE 5
REMOVE TEMPORARY STORM SEWER ITEMS (INCIDENTAL TO ITEMS)

STAGE 1
STA 2767+32, LT
EXISTING INLET TO REMAIN
1-COVER PLATE TEMPORARY REQ'D

STAGE 5
STA 2767+32, LT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVING STORM SEWER 30-INCH
SSPRC CLASS III 30-INCH CONNECTIONS REQ'D
2-CONCRETE COLLARS REQ'D

STA 2767+32, LT&RT
EXISTING 30" SSPRC TO REMAIN

STAGE 1
STA 2767+90, LT
1-TEMPORARY INLETS MEDIAN 1 GRATE REQ'D
1-TEMPORARY INLET COVER TYPE MS REQ'D

STA 2767+32 - STA 2767+90, LT
TEMPORARY SSPRC CLASS III-A 18-INCH REQ'D
TIE TO EXISTING INLET AT STA 2767+32, LT

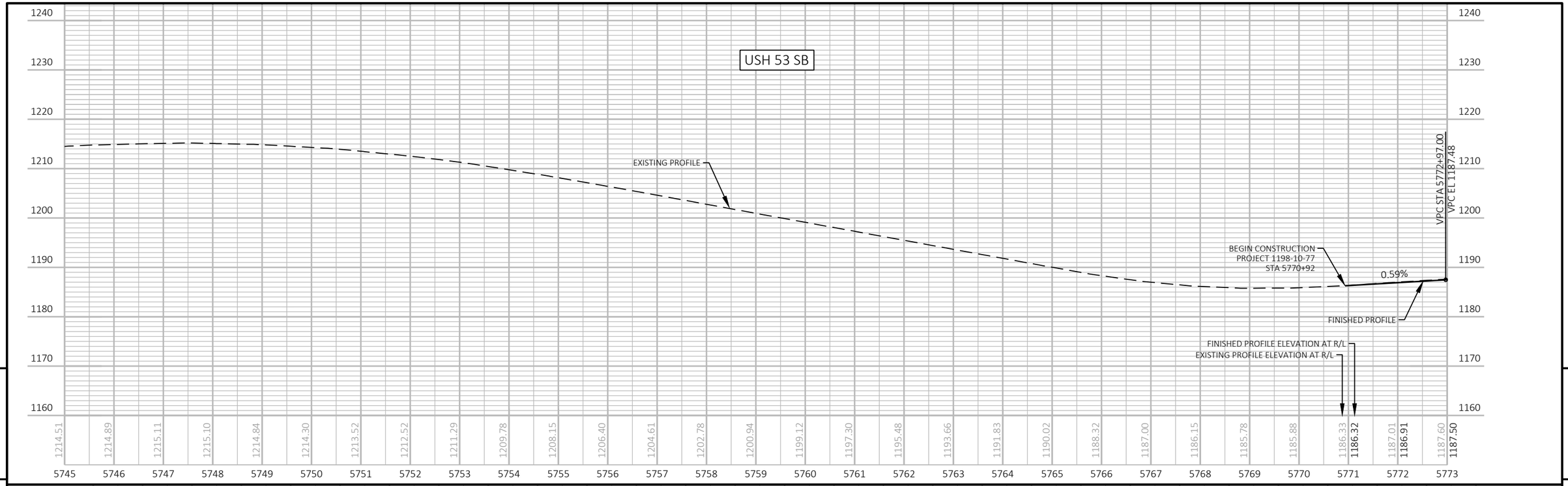
STAGE 5
REMOVING TEMPORARY STORM SEWER ITEMS (INCIDENTAL TO ITEMS)

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PLAN	SHEET 177	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 01

PLOT DATE : 3/24/2022 3:20 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PROFILE	SHEET 178	E

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
F	5778+99.70	RT	BEGING EOP TAPER
G	5780+37.05	RT	END EOP TAPER
H	5780+49.70	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
I	5781+57.76	LT	BEGIN EOP TAPER
J	5782+34.05	LT	END EOP TAPER
K	5782+83.96	LT	SHOULDER PAVEMENT STRUCTURE CHANGE

CURVE NO. 1
PI STA = 5790+12.98
Y = 164773.05
X = 329445.54
PC STA = 5777+05.45
Y=163519.91
X=329072.39
PT STA = 5800+00.44
Y=165577.84
X=328415.04
DELTA = 68°35'35"
D = 2°59'20"
T = 1307.52'
L = 2294.99'
R = 1917.00'
EXISTING SE = 5.9%
PROPOSED SE = 6.0%
SE TRANSITION (T) = 240'
RO (RUNOFF) = 180'

STAGE 4
STA 5777+42, LT&RT
REMOVING STORM SEWER 24-INCH
SSPRC CLASS III 36-INCH REQ'D
1-AEW REQ'D
TEMPORARY SSPRC CLASS III 36-INCH CONNECTION REQ'D,
TIE TO EXISTING INLET AT STA 5777+42, RT
MARKERS FOR CULVERT END REQ'D

STA 5777+42, FROM AEW TO 140' LT
DITCH CLEANING

STAGE 4
STA 5786+30, RT
EXISTING INLET TO REMAIN

STA 5786+30, LT & RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 4
STA 5794+82, LT & RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 2795+30, LT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVING STORM SEWER 24-INCH
SSPRC CLASS III 24-INCH CONNECTIONS REQ'D
2-CONCRETE COLLARS REQ'D

STA 2795+30, LT & RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 2795+30, FROM AEW TO 82' RT
DITCH CLEANING

STAGE 2
STA 2776+88, RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
MARKERS FOR CULVERT END REQ'D

STAGE 5
STA 2776+88, LT
REMOVE TEMPORARY STORM SEWER
CONNECTION (INCIDENTAL TO ITEM)
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVING STORM SEWER 24-INCH
SSPRC CLASS III 24-INCH CONNECTION REQ'D
SSPRC CLASS III 36-INCH CONNECTION REQ'D
1-CONCRETE COLLAR REQ'D

CURVE NO. 2
PI STA = 2789+90.72
Y = 164775.22
X = 329562.98
PC STA = 2776+83.86
Y=163523.44
X=329187.56
PT STA = 2799+76.62
Y=165579.61
X=328533.00
DELTA = 68°42'21"
D = 2°59'48"
T = 1306.87'
L = 2292.76'
R = 1912.00'
EXISTING SE = 6.0%
PROPOSED SE = 6.0%
SE TRANSITION (T) = 240'
RO (RUNOFF) = 180'

PROJECT 1198-10-78
STA 2776+43 - STA 2803+58, LT
CABLE BARRIER TYPE I
CABLE BARRIER END TREATMENT TYPE I
(SEE CONSTRUCTION DETAILS FOR
ADDITIONAL INFORMATION)

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
A	2770+86.52	RT	END EOP TAPER
B	2771+61.65	RT	BEGIN EOP TAPER
C	2772+09.72	LT	SHOULDER PAVEMENT STRUCTURE CHANGE
D	2772+22.22	LT	END EOP TAPER
E	2773+59.72	LT	BEGIN EOP TAPER

STATION & OFFSET TABLE (CABLE BARRIER POINTS)		
POINT	STATION	OFFSET
CA	2776+49	27.00', LT
CB	2776+84	27.00', LT
CC	2799+77	27.00', LT
CD	2803+58	27.00', LT
CE	5802+09	27.00', RT

BEGIN PROJECT 1198-10-78
CABLE BARRIER INSTALLATION

BEGIN CONSTRUCTION
STA 13+17

END CONSTRUCTION
STA 15+90

BARRON ELECTRIC
(ELECTRIC)

ASTREA
(COMMUNICATION)

CP #504
Y = 163,795.23
X = 329,344.48
ELEV = 1187.32
FENO 1000 W/ALUMINUM CAP SET

PI: 5770+44.31
BP: 10+00.00
PC: 5777+05.45
PC: 2776+83.86
EP: 19+00.00
PT: 5800+00.44
PC: 5804+97.73
PT: 2799+76.62

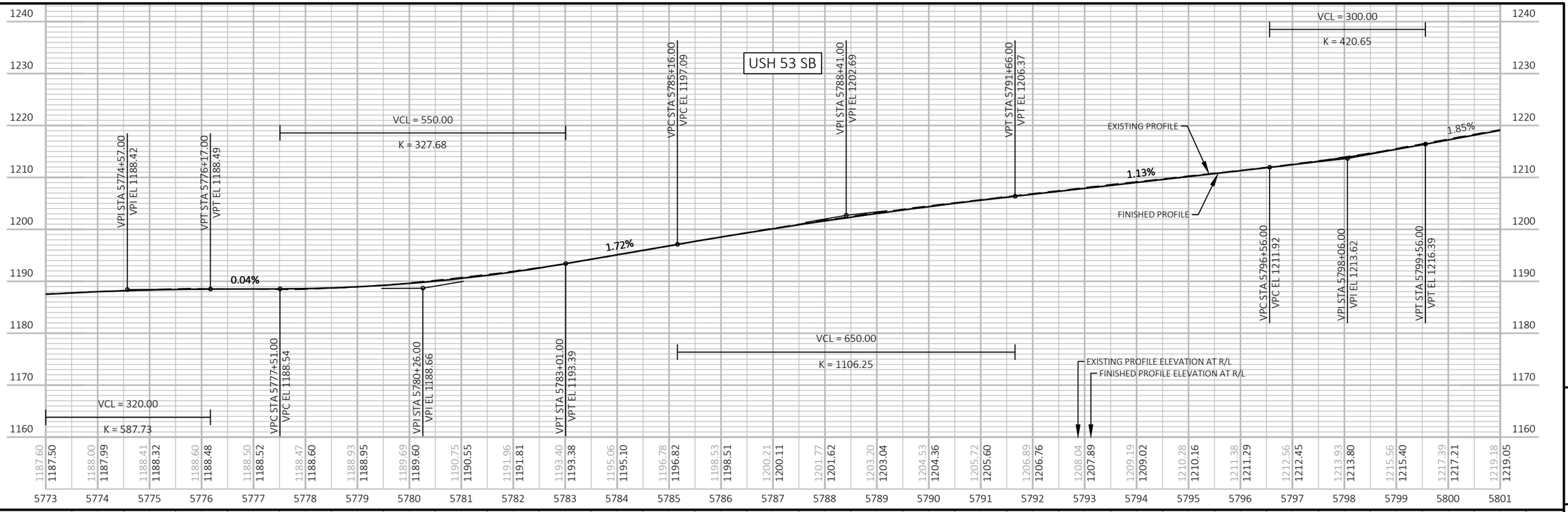
N16° 34' 55"E
N16° 41' 40"E
N52° 00' 41"W

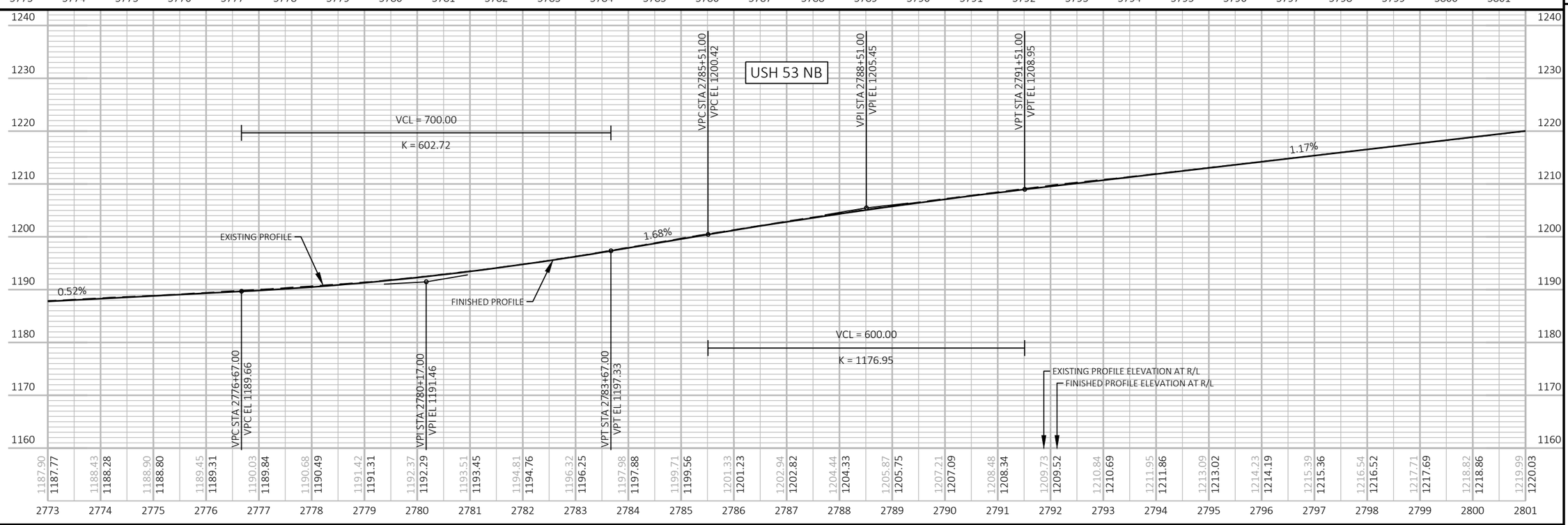
26TH AVE
EX R/W
USH 53 SB
USH 53 NB
CURVE 1
CURVE 2
UNNAMED OPEN WATER
RUINS

DONNA J DOSTAL
KRISTOPHER PUTZIER
KASSIE PUTZIER
ANDREW J WILLGER
JAMES & RUTH
MAE MLEJNEK
GENE & KATHLEEN BERGMAN
IVAN L & LINDA M STODOLA

PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	PLAN	SHEET 179	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 03
PLOT DATE : 3/24/2022 3:20 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	PROFILE	SHEET 180	E

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

N

19TH ST

DONALD J ZETTEL

IVAN L & LINDA M STODOLA

JEAN M CROTTEAU

ANDREW J WILLGER

BARRON ELECTRIC (ELECTRIC)

505
1228.636
CP FENO SET

CP #505
Y = 166,437.14
X = 327,457.01
ELEV = 1228.64
FENO 1000 W/ALUMINUM CAP SET

ASTREA (COMMUNICATION)

LUMEN (COMMUNICATION)

BARRON ELECTRIC (ELECTRIC)

USH 53 SB

USH 53 NB

CURVE 1

CURVE 2

CURVE 3

CURVE 4

PC: 5804+97.73

PT: 5800+00.44

PC: 2805+65.79

PT: 2799+76.62

PT: 5823+05.67

PT: 2823+06.53

N52° 00' 41"W

N0° 01' 00"E

EX R/W

BASE AGG FE

CG

CH

CE

CONSTRUCTION PERMIT AREA TO ADDRESS PROPERTY OWNER REQUESTED DRAINAGE IMPROVEMENTS

CURVE NO. 1
PI STA = 5790+12.98
Y = 164773.05
X = 329445.54
PC STA = 5777+05.45
Y=163519.91
X=329072.39
PT STA = 5800+00.44
Y=165577.84
X=328415.04
DELTA = 68°35'35"
D = 2°59'20"
T = 1307.52'
L = 2294.99'
R = 1917.00'
EXISTING SE = 5.9%
PROPOSED SE = 6.0%
SE TRANSITION (T) = 240'
RO (RUNOFF) = 180'

CURVE NO. 2
PI STA = 2789+90.72
Y = 164775.22
X = 329562.98
PC STA = 2776+83.86
Y=163523.44
X=329187.56
PT STA = 2799+76.62
Y=165579.61
X=328533.00
DELTA = 68°42'21"
D = 2°59'48"
T = 1306.87'
L = 2292.76'
R = 1912.00'
EXISTING SE = 6.0%
PROPOSED SE = 6.0%
SE TRANSITION (T) = 240'
RO (RUNOFF) = 180'

CURVE NO. 3
PI STA = 5814+69.41
Y = 166482.00
X = 327257.30
PC STA = 5804+97.73
Y=165883.93
X=328023.11
PT STA = 5823+05.67
Y=167453.67
X=327257.58
DELTA = 52°01'40"
D = 2°52'40"
T = 971.67'
L = 1807.94'
R = 1991.00'
EXISTING SE = 5.7%
PROPOSED SE = 6.0%
SE TRANSITION (T) = 240'
RO (RUNOFF) = 180'

CURVE NO. 4
PI STA = 2815+01.35
Y = 166518.09
X = 327331.31
PC STA = 2805+65.79
Y=165942.25
X=328068.66
PT STA = 2823+06.53
Y=167453.65
X=327331.58
DELTA = 52°01'40"
D = 2°59'20"
T = 935.56'
L = 1740.74'
R = 1917.00'
EXISTING SE = 5.7%
PROPOSED SE = 6.0%
SE TRANSITION (T) = 240'
RO (RUNOFF) = 180'

STAGE 2
STA 2805+31, LT
1-COVER PLATE TEMPORARY REQ'D

STA 2805+29, LT & RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 4
STA 2805+31, LT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVING STORM SEWER 24-INCH
SSPRC CLASS III 24-INCH CONNECTIONS REQ'D
1-CONCRETE COLLAR REQ'D

STAGE 2
STA 2812+51, LT
1-COVER PLATE TEMPORARY REQ'D

STA 2812+29, LT & RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 2811+49 - STA 2812+29, RT
DITCH CLEANING

STAGE 4
STA 2812+51, LT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVING STORM SEWER 24-INCH
SSPRC CLASS III 24-INCH CONNECTIONS REQ'D
1-CONCRETE COLLAR REQ'D

PROJECT 1198-10-78
STA 5802+09 - STA 5835+31, RT
CABLE BARRIER TYPE I
CABLE BARRIER END TREATMENT TYPE I
(SEE CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION)

PROJECT 1198-10-78
STA 2776+46 - STA 2803+58, LT
CABLE BARRIER TYPE I
CABLE BARRIER END TREATMENT TYPE I
(SEE CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION)

STAGE 2
STA 5827+37, RT
1-COVER PLATE TEMPORARY REQ'D

STAGE 4
STA 5827+37, RT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVING STORM SEWER 24-INCH
SSPRC CLASS III 24-INCH CONNECTIONS REQ'D
1-CONCRETE COLLAR REQ'D

STAGE 4
STA 5827+38, LT & RT
EXISTING 18" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 5
STA 2822+81 - STA 2823+90, LT
REMOVE 1-24" CPRC
1-INLETS MEDIAN 1 GRATE REQ'D
1-INLET COVER TYPE MS REQ'D
SSPRC CLASS III-A 15-INCH REQ'D
1-AEW (10:1) REQ'D

STA 2822+99, LT
SEE CONSTRUCTION DETAIL OF MEDIAN OPENINGS AT DRIVEWAYS

STATION & OFFSET TABLE (CABLE BARRIER POINTS)		
POINT	STATION	OFFSET
CC	2799+77	27.00', LT
CD	2803+58	27.00', LT
CE	5802+09	27.00', RT
CF	5804+98	27.00', RT
CG	5822+72	27.00', RT
CH	5823+43	27.00', RT

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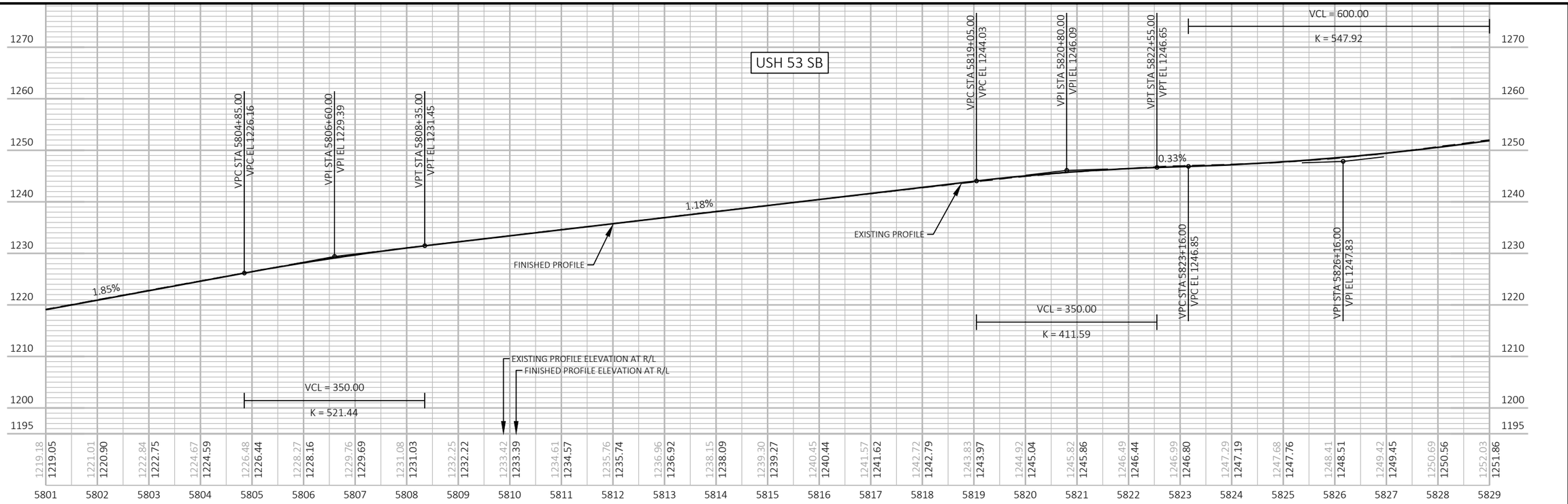
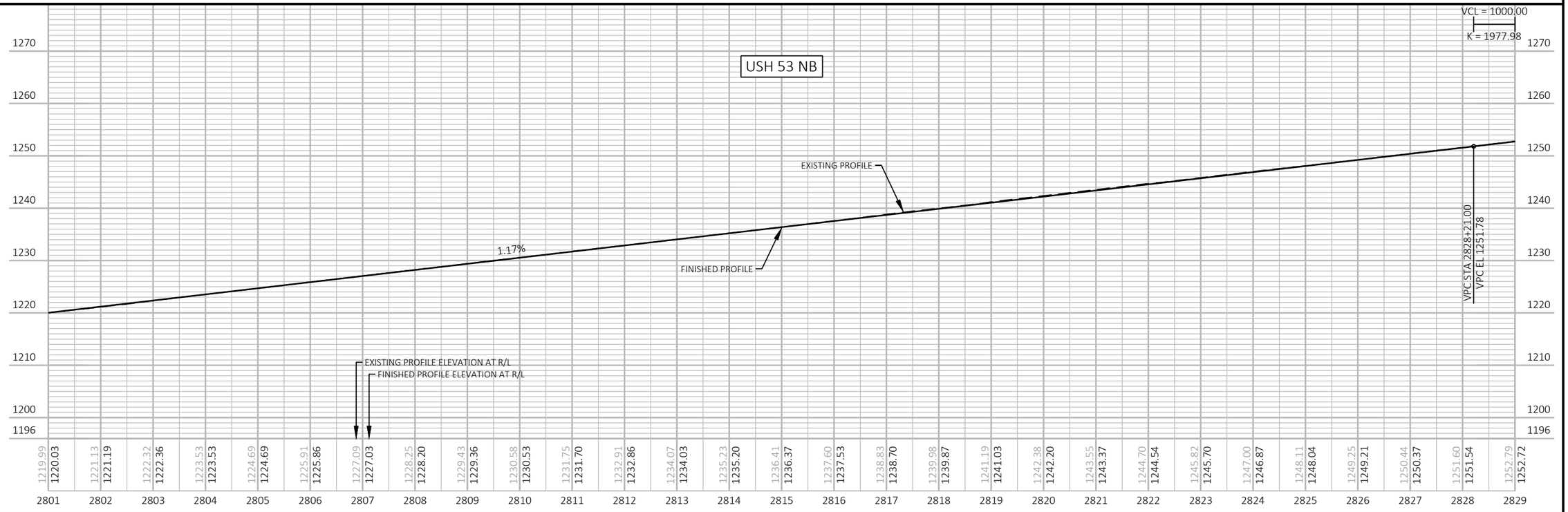
PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	PLAN	SHEET 181	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 05

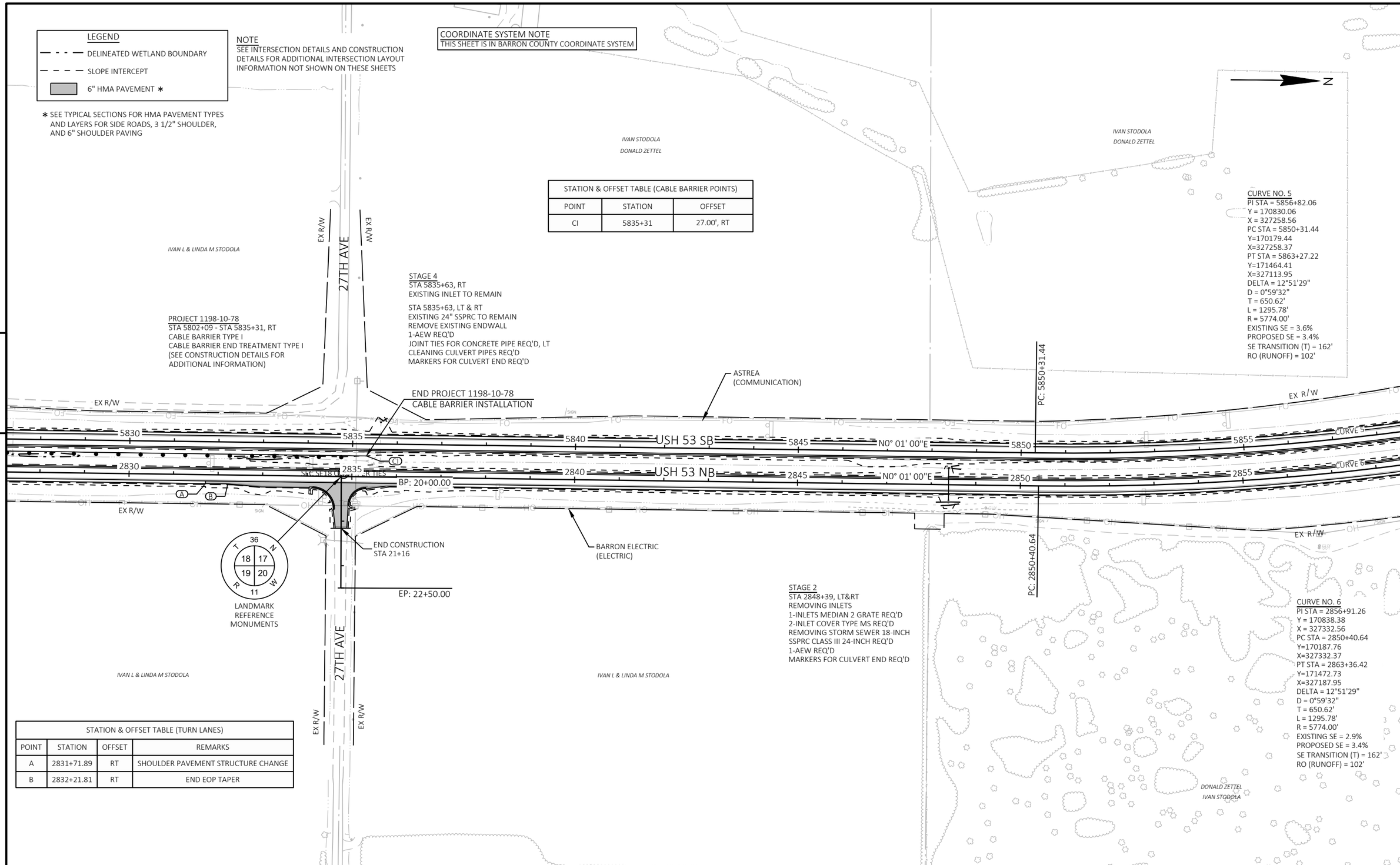
PLOT DATE : 3/24/2022 3:21 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	PROFILE	SHEET 182	E



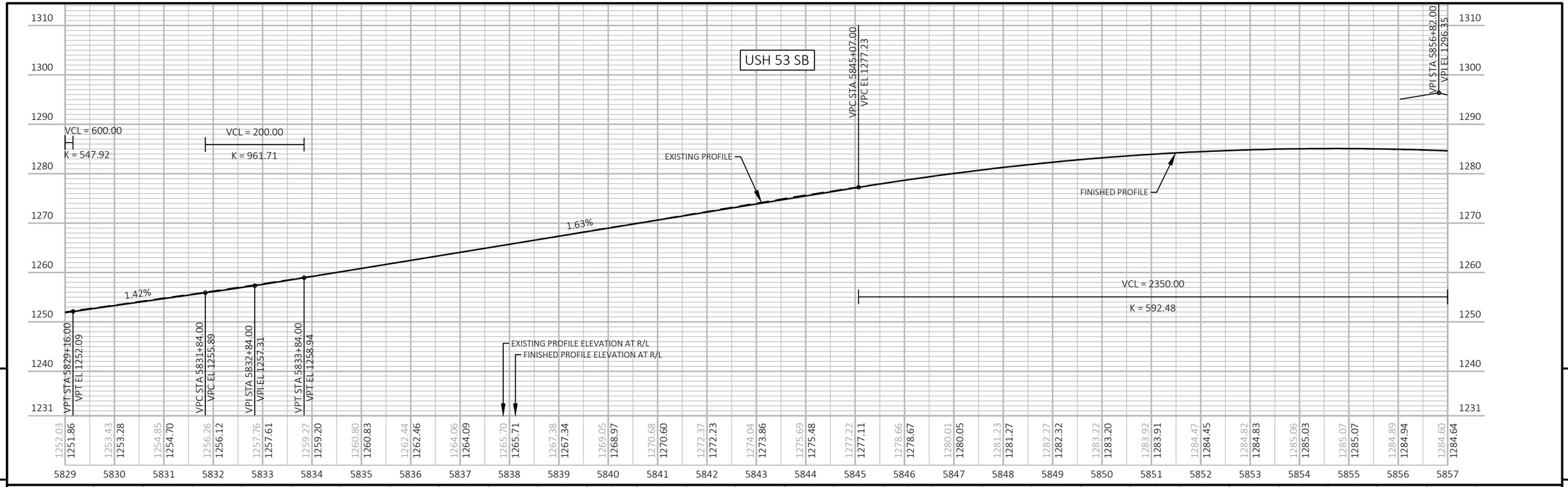
STATION & OFFSET TABLE (CABLE BARRIER POINTS)

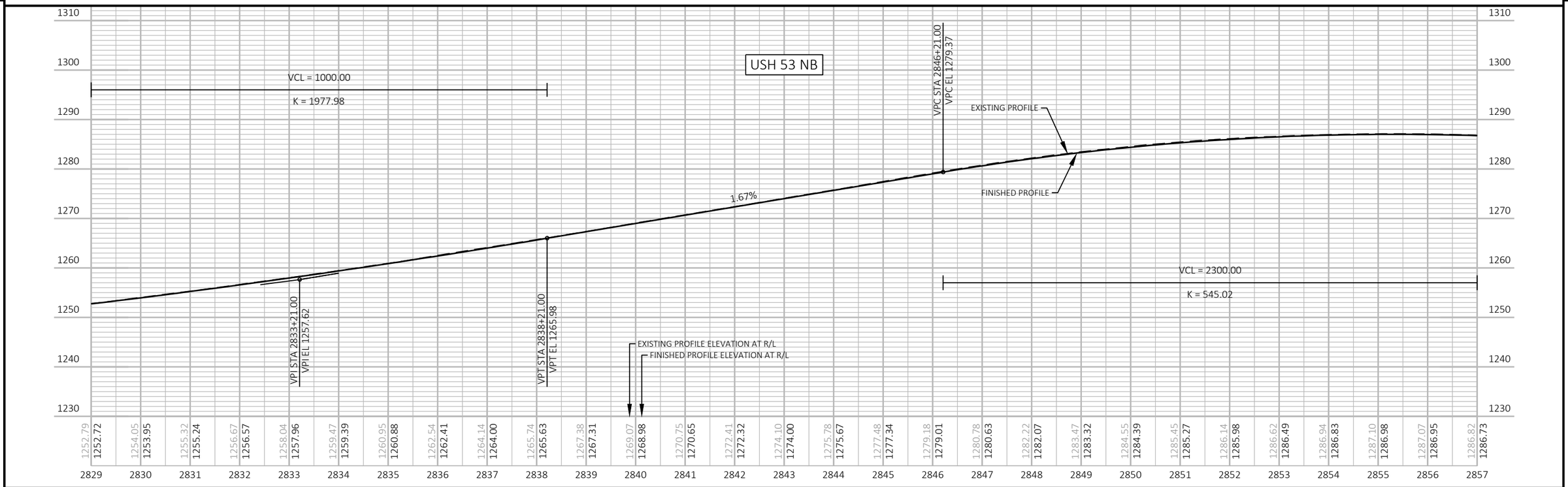
POINT	STATION	OFFSET
CI	5835+31	27.00', RT

STATION & OFFSET TABLE (TURN LANES)

POINT	STATION	OFFSET	REMARKS
A	2831+71.89	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
B	2832+21.81	RT	END EOP TAPER

PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	PLAN	SHEET 183	E





PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	PROFILE	SHEET 184	E

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

STATION & OFFSET TABLE (GUARDRAIL POINTS)			
POINT	STATION	OFFSET	REMARKS
GA	5872+84	22.00', LT	END EOP TAPER
GB	5873+72	20.00', LT	BEGIN EOP TAPER
GC	5874+32	26.00', LT	POST 1
GD	5874+82	24.00', LT	POST 9
GE	5878+10	24.00', LT	END GUARDRAIL

STA 5874+32 - STA 5878+10, LT
SALVAGED RAIL
SALVAGED GUARDRAIL END TREATMENTS
MGS GUARDRAIL
MGS GUARDRAIL TERMINAL EAT
SAWING ASPHALT AT FACE OF RAIL
GUARDRAIL MOW STRIP ASPHALT
(INSTALL IN STAGE 1)

STAGE 1
STA 5877+38, RT
EXISTING INLET TO REMAIN

STA 5877+24, LT & RT
EXISTING 24" SSPRC TO REMAIN

STAGE 1
STA 5883+11, RT
EXISTING INLET TO REMAIN
1-COVER PLATE TEMPORARY REQ'D

STA 5884+15, RT
1-TEMPORARY INLETS MEDIAN 1 GRATE REQ'D
1-TEMPORARY INLET COVER TYPE MS REQ'D

STA 5883+11 - STA 5884+15, RT
TEMPORARY SSPRC CLASS IV 18-INCH REQ'D
TIE TO EXISTING INLET AT STA 5883+11, RT

STAGE 3
STA 5883+11 - STA 5884+15, RT
REMOVE TEMPORARY STORM SEWER ITEMS (INCIDENTAL TO ITEMS)

STA 5883+58, RT
1-TEMPORARY INLETS MEDIAN 1 GRATE REQ'D
1-TEMPORARY INLET COVER TYPE MS REQ'D

STA 5883+11 - STA 5883+58, RT
TEMPORARY SSPRC CLASS IV 18-INCH REQ'D
TIE TO EXISTING INLET AT STA 5883+11, RT

STAGE 5
STA 5883+11 - STA 5883+58, RT
REMOVE TEMPORARY STORM SEWER ITEMS (INCIDENTAL TO ITEMS)

STA 5883+11, RT
REMOVING INLET
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVERS TYPE MS REQ'D
REMOVING STORM SEWER 18-INCH
SSPRC CLASS III 18-INCH CONNECTION REQ'D
1-CONCRETE COLLAR REQ'D

END CONSTRUCTION
PROJECT 1198-10-77
STA 5878+10
MATCH EXISTING
SAWCUT REQ'D

CURVE NO. 5
PI STA = 5856+82.06
Y = 170830.06
X = 327258.56
PC STA = 5850+31.44
Y=170179.44
X=327258.37
PT STA = 5863+27.22
Y=171464.41
X=327113.95
DELTA = 12°51'29"
D = 0°59'32"
T = 650.62'
L = 1295.78'
R = 5774.00'
EXISTING SE = 3.6%
PROPOSED SE = 3.4%
SE TRANSITION (T) = 162'
RO (RUNOFF) = 102'

CURVE NO. 6
PI STA = 2856+91.26
Y = 170838.38
X = 327332.56
PC STA = 2850+40.64
Y=170187.76
X=327332.37
PT STA = 2863+36.42
Y=171472.73
X=327187.95
DELTA = 12°51'29"
D = 0°59'32"
T = 650.62'
L = 1295.78'
R = 5774.00'
EXISTING SE = 2.9%
PROPOSED SE = 3.4%
SE TRANSITION (T) = 162'
RO (RUNOFF) = 102'

STATION & OFFSET TABLE (GUARDRAIL POINTS)			
POINT	STATION	OFFSET	REMARKS
GG	2872+32	22.00', RT	END EOP TAPER
GH	2873+10	20.00', RT	BEGIN EOP TAPER
GI	2873+50	24.00', RT	POST 1
GJ	2874+00	22.00', RT	POST 9
GK	2881+28	22.00', RT	POST 9
GL	2881+78	24.00', RT	POST 1
GM	2882+26	26.68', RT	END GUARDRAIL GRADING

STA 2873+50 - STA 2881+78, RT
SALVEGED RAIL
SALVAGED GUARDRAIL END TREATMENT
MGS GUARDRAIL
MGS GUARDRAIL TERMINAL EAT
SAWING ASPHALT AT FACE OF RAIL
GUARDRAIL MOW STRIP ASPHALT
(INSTALL IN STAGE 2)

STA 2878+65, LT & RT
EXISTING 2-60" CPRC TO REMAIN

STAGE 4
STA 5864+51, RT
EXISTING INLET TO REMAIN

STA 5864+50, LT & RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

CP #503
Y = 171,177.98
X = 327,332.50
ELEV = 1292.26
FENO 1000 W/ALUMINUM CAP SET

CP FENO SET
QTR E 1/4 3\4 IN WD W\ALUM CAP

DO NOT DISTURB

BARRON ELECTRIC
(ELECTRIC)

XCEL ENERGY
(ELECTRIC)

SEC SE7 S8

ASTREA
(COMMUNICATION)

END GUARDRAIL GRADING

BEAR CREEK

UNNAMED

WATERWAY

19TH ST

USH 53 SB

USH 53 NB

N12° 50' 30"W

PT: 5863+27.22

PT: 2863+36.42

IVAN STODOLA
DONALD ZETTEL

DONALD ZETTEL
IVAN STODOLA

JAMES D & JUDITH A SCHMELKE

DANIEL W SCHWAB

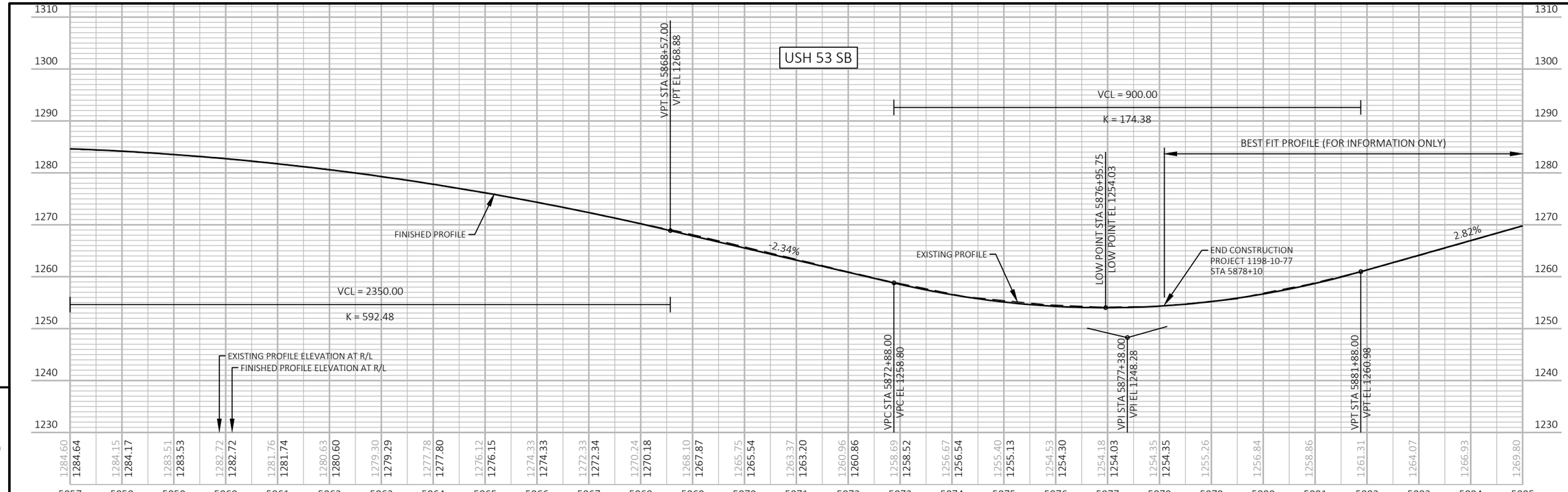
CHRISTOPHER M & SARA J DROST

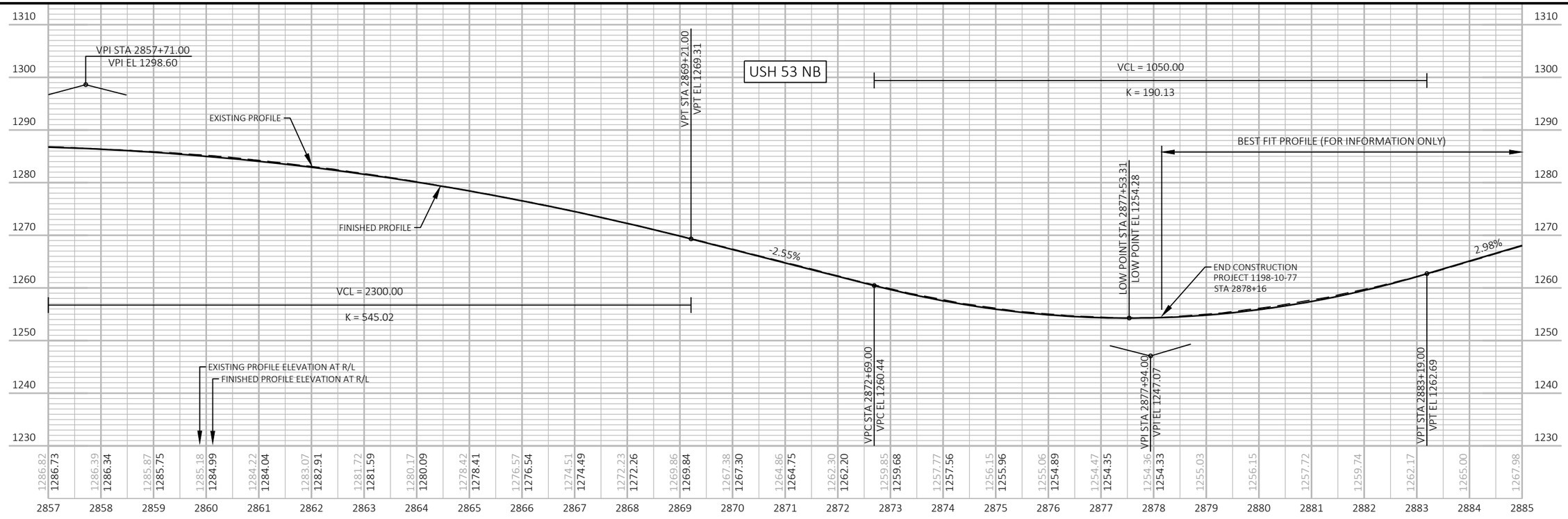
LANNIE T & SHIRLEY J BERLIN

BARRY J BERSCHNEIDER
HELEN M BERSCHNEIDER

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PLAN	SHEET 185	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 09
PLOT DATE : 3/24/2022 3:22 PM
PLOT BY : ADMIN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PROFILE	SHEET 186	E

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

T SEE CONSTRUCTION DETAIL FOR STAGING OF GUARDRAIL INSTALLATIONS AND REMOVALS AT THE CTH V RAMPS

COORDINATE SYSTEM NOTE

THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

N

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EX R/W

JAMES D & JUDITH A SCHMELKE

PATRICK J UCHYTIL

BENEDICT M KONOP

MICHAEL G KONOP

MICHAEL G KONOP

BARRON ELECTRIC (ELECTRIC)

ASTREA (COMMUNICATION)

XCEL ENERGY (ELECTRIC)

USH 53 SB / CTH V EXIT RAMP

USH 53 SB / CTH V ENTRANCE RAMP

USH 53 NB / CTH V EXIT RAMP

USH 53 NB / CTH V ENTRANCE RAMP

CTH V

19TH ST

USH 53 SB

USH 53 NB

5885 5890 5895 5900 5905 5910

2885 2890 2895 2900 2905 2910

END CONSTRUCTION SHOULDER REPLACEMENT PROJECT 1198-10-77 STA 5887+41 MATCH EXISTING SAWCUT REQ'D

BEGIN CONSTRUCTION SHOULDER REPLACEMENT PROJECT 1198-10-77 STA 5912+41 MATCH EXISTING SAWCUT REQ'D

STA 5891+30, RT
EXISTING INLET TO REMAIN

STA 5891+30, LT & RT
EXISTING 24" SSPRC TO REMAIN

B-03-0195 TO REMAIN

END CONSTRUCTION SHOULDER REPLACEMENT PROJECT 1198-10-77 STA 2887+08 MATCH EXISTING SAWCUT REQ'D

Y = 174007.019
X = 326641.039

B-03-0196 TO REMAIN

R-03-0010 TO REMAIN

N12° 50' 17"W

CURVE 13 800

BP: 798+00.00

PC: 798+68.40

PCC: 800+76.97

PCC: 802+88.44

CURVE 14

CURVE 15

CURVE 16

EP: 813+25.88

PT: 810+34.95

PC: 807+72.65

PT: 807+62.53

50° 00' 55"E

S53° 41' 40"E

805

810

STA 2899+30, LT
EXISTING INLET TO REMAIN

STA 2899+29, LT & RT
EXISTING 24" SSPRC TO REMAIN

STA 2906+46, LT
EXISTING INLET TO REMAIN

STA 2906+13, LT & RT
EXISTING 24" SSPRC TO REMAIN

CP #501
Y = 175,820.95
X = 326,278.11
ELEV = 1307.08
NGS 7Q11 BRASS CAP
(DO NOT DISTURB)

NGS

501
1307.080
NGS 7Q11 BRASS CAP

BEGIN CONSTRUCTION SHOULDER REPLACEMENT PROJECT 1198-10-77 STA 2910+28 MATCH EXISTING SAWCUT REQ'D

T 36 N
R 7 8 W
18 17
11

DO NOT DISTURB

SEC SE7 SURVEY NAIL

Y = 173987.375
X = 327268.301

CURVE NO. 13
PI STA = 799+74.17
Y = 174176.83
X = 326602.34
PC STA = 798+68.40
Y=174073.71
X=326625.84
PT STA = 800+76.97
Y=174280.79
X=326621.78
DELTA = 23°25'54"
D = 11°14'04"
T = 105.76'
L = 208.57'
R = 510.00'

CURVE NO. 14
PI STA = 801+85.52
Y = 174387.49
X = 326641.73
PC STA = 800+76.97
Y=174280.79
X=326621.78
PT STA = 802+88.44
Y=174467.55
X=326715.03
DELTA = 31°53'03"
D = 15°04'40"
T = 108.55'
L = 211.46'
R = 380.00'

CURVE NO. 15
PI STA = 805+79.34
Y = 174682.12
X = 326911.47
PC STA = 802+88.44
Y=174467.55
X=326715.03
PT STA = 807+62.53
Y=174509.85
X=327145.88
DELTA = 83°50'21"
D = 17°41'02"
T = 290.91'
L = 474.10'
R = 324.00'

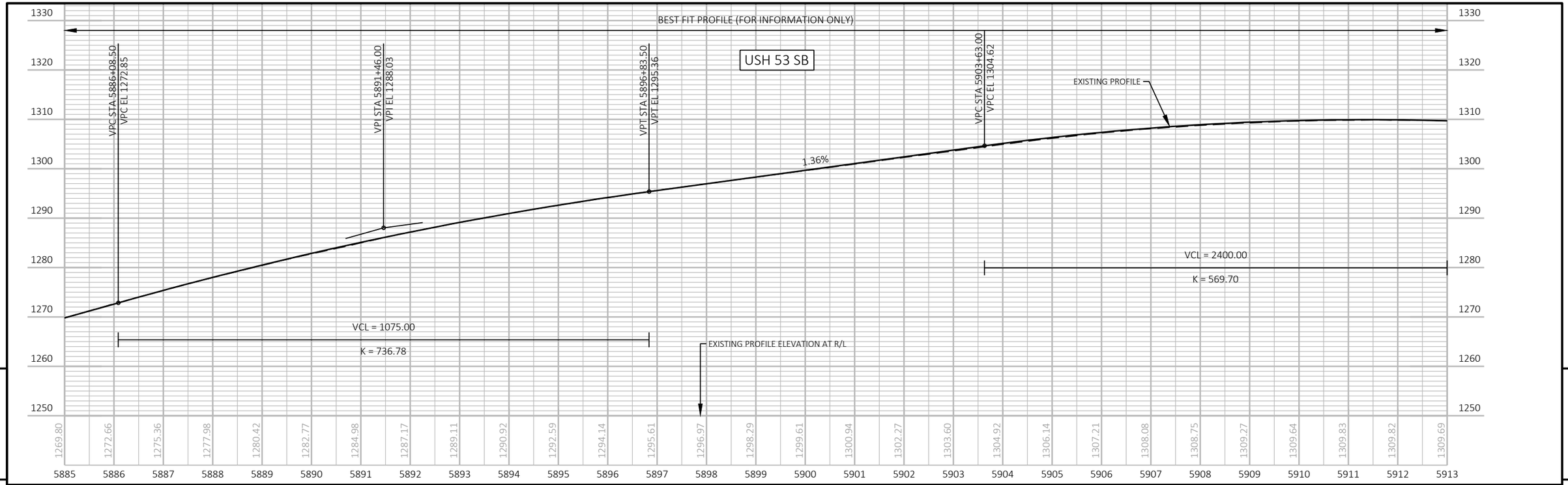
CURVE NO. 16
PI STA = 809+14.31
Y = 174419.97
X = 327268.18
PC STA = 807+72.65
Y=174503.86
X=327154.03
PT STA = 810+34.95
Y=174278.30
X=327268.22
DELTA = 53°40'19"
D = 20°27'43"
T = 141.66'
L = 262.30'
R = 280.01'

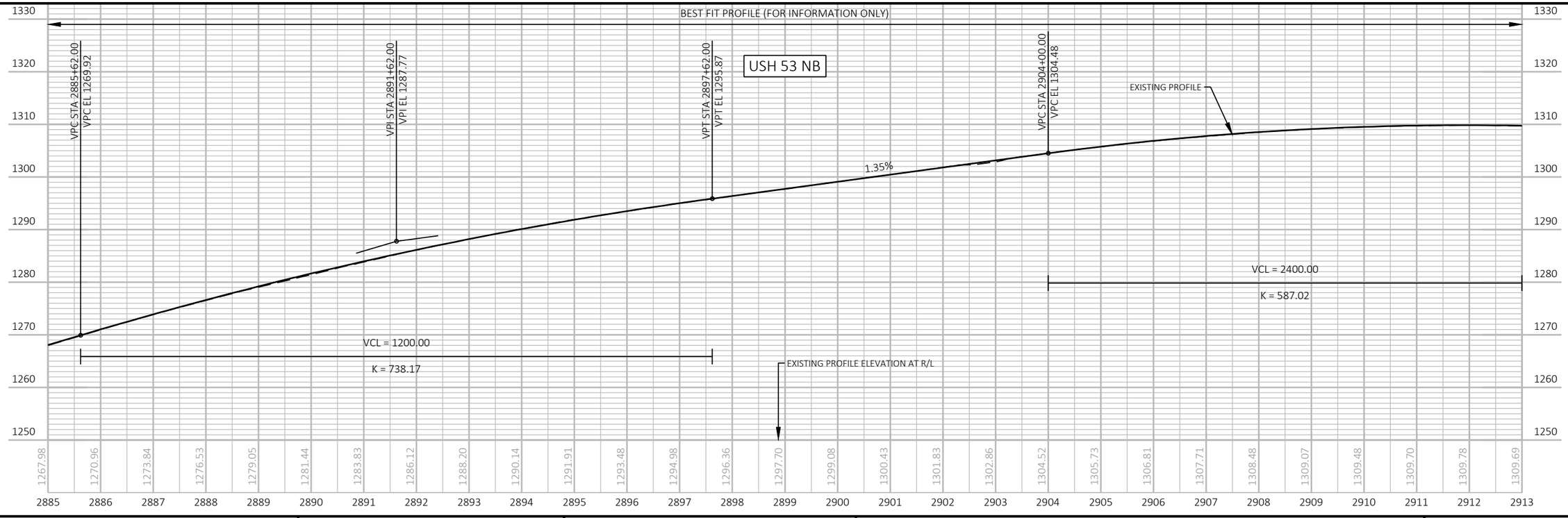
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PLAN	SHEET 187	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 11

PLOT DATE : 3/24/2022 3:22 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PROFILE	SHEET 188	E

LEGEND
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- 6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARON COUNTY COORDINATE SYSTEM

STATE OF WISCONSIN DOT

BENEDICT M KONOP

GEORGIANA TABORSKY LIVING TRUST
GEORGE TABORSKY

BEGIN CONSTRUCTION
SHOULDER REPLACEMENT
PROJECT 1198-10-77
STA 5912+41
MATCH EXISTING
SAWCUT REQ'D

STA 5923+32, LT & RT
EXISTING 24" SSPRC TO REMAIN

CURVE NO. 7
PI STA = 5928+97.44
Y = 177870.30
X = 325653.68
PC STA = 5919+33.43
Y=176930.40
X=325867.94
PT STA = 5938+43.07
Y=178685.99
X=325139.89
DELTA = 19°21'52"
D = 1°00'51"
T = 964.02'
L = 1909.65'
R = 5650.30'
EXISTING SE = 3.4%
PROPOSED SE = 3.4%
SE TRANSITION (T) = 162'
RO (RUNOFF) = 102'

STAGE 4
STA 5933+10, LT & RT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D, LT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 5933+10 - 5934+10, LT
DITCH CLEANING

PC: 5919+33.43

PT: 5938+43.07

RIPRAP REPAIR
(SEE CONSTRUCTION DETAILS)

ASTREA
(COMMUNICATION)

BEGIN CONSTRUCTION
PROJECT 1198-10-77
STA 5929+36
MATCH EXISTING
SAWCUT REQ'D

EX R/W

5915 N12° 50' 30"W
2915 N12° 50' 30"W
5920
2920
CURVE 7
5925
USH 53 SB
5930
CURVE 8
2925
USH 53 NB
2930
5935
2935
5940 N32° 12' 21"W
2940 N32° 12' 21"W

PC: 2919+50.96

PT: 2938+85.62

BEGIN CONSTRUCTION
PROJECT 1198-10-77
STA 2929+63
MATCH EXISTING
SAWCUT REQ'D

BARRON ELECTRIC
(ELECTRIC)

MICHAEL G KONOP

DEVIL'S LAKE FARM REVOCABLE TRUST

STAGE 2
STA 2933+29, LT
EXISTING INLET TO REMAIN

STA 2933+28, LT & RT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
MARKERS FOR CULVERT END REQ'D

STAGE 3
STA 2915+66, LT
1-TEMPORARY INLETS MEDIAN 1 GRATE REQ'D
1-TEMPORARY INLET COVER TYPE MS REQ'D

STA 2915+66 - STA 2919+54, LT
TEMPORARY SSPRC CLASS IV 18-INCH REQ'D
1-TEMPORARY AEW (10:1) REQ'D

STAGE 5
STA 2915+66 - STA 2919+54, LT
REMOVE TEMPORARY STORM SEWER ITEMS (INCIDENTAL TO ITEMS)

UNNAMED
OPEN WATER

STAGE 3
STA 2923+25, RT
1-COVER PLATE TEMPORARY REQ'D
REMOVE EXISTING EARTH DITCH CHECK AS SHOWN ON XS TO ENSURE TEMPORARY DRAINAGE CONTINUES NORTH

STAGE 5
STA 2923+25, RT
RESTORE EARTH DITCH CHECK NORTH OF EXISTING INLET

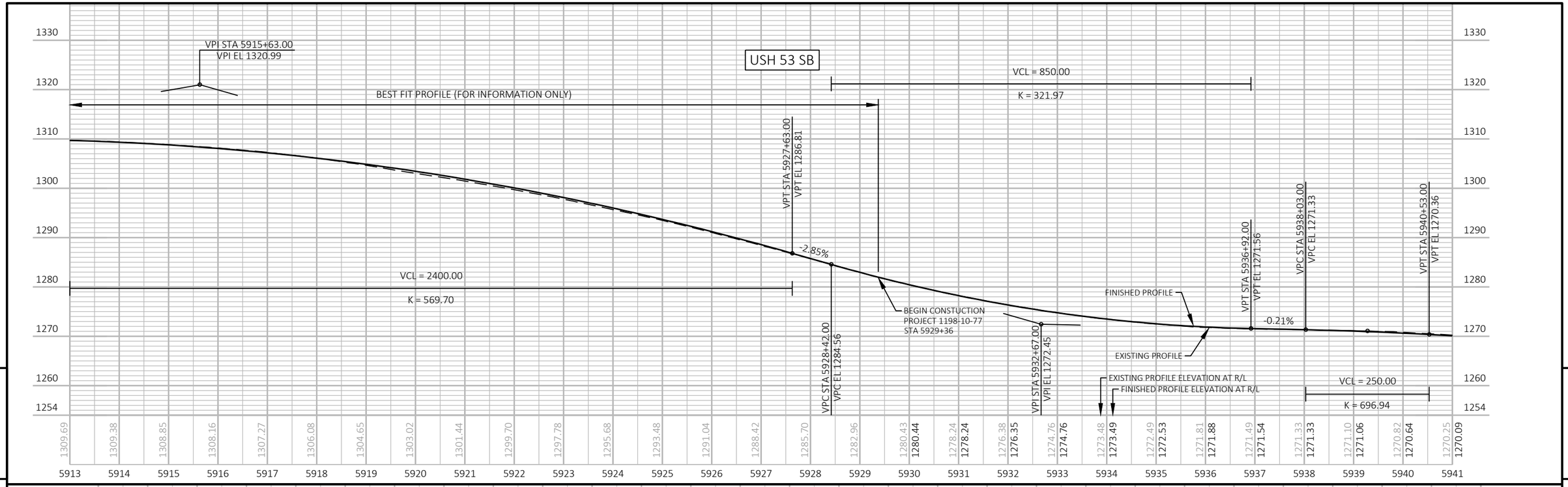
CURVE NO. 8
PI STA = 2929+27.61
Y = 177899.06
X = 325723.02
PC STA = 2919+50.96
Y=176946.84
X=325940.09
PT STA = 2938+85.62
Y=178725.43
X=325202.51
DELTA = 19°21'52"
D = 1°00'03"
T = 976.64'
L = 1934.66'
R = 5724.30'
EXISTING SE = 3.4%
PROPOSED SE = 3.4%
SE TRANSITION (T) = 162'
RO (RUNOFF) = 102'

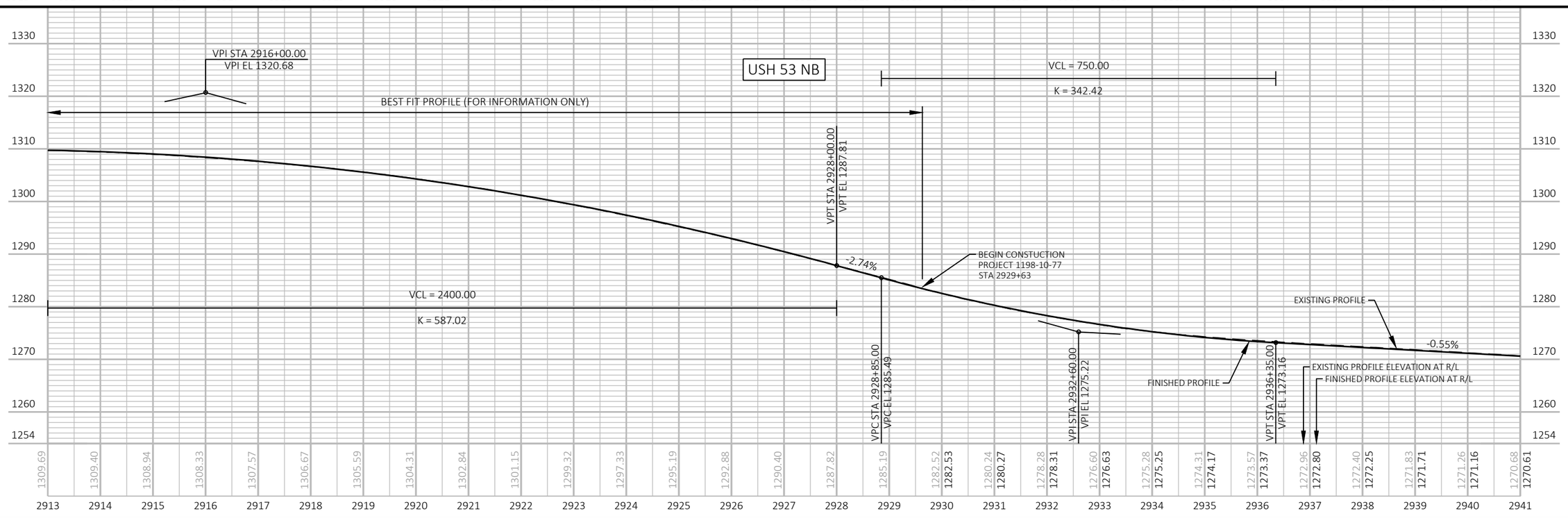
STATE OF WISCONSIN DOT

DEVIL'S LAKE FARM INC

DEVIL'S LAKE FARM REVOCABLE TRUST

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PLAN	SHEET 189	E





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PROFILE	SHEET 190	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 14
PLOT DATE : 3/24/2022 3:23 PM
PLOT BY : ADMIN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

LEGEND
DELINEATED WETLAND BOUNDARY
SLOPE INTERCEPT
6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

5

CTH SS
EX R/W
UNNAMED OPEN WATER
STATE OF WISCONSIN DOT
DANIEL CALLOWAY
BARRY D ESPESETH
WILD RIVERS STATE TRAIL
GEORGIANA TABORSKY LIVING TRUST
GEORGE TABORSKY
STEVEN R & CAROLYN S HAFELE
SWANTE J & YVONNE M HILL
STATE OF WISCONSIN DNR
COLLEEN SUTTER
JOHN M & EVELYN E STEINHART
JOSEPH C & JOYCE J JACISIN TRUSTEES

T 36 N
R 6 7 W
11
DO NOT DISTURB

STAGE 4
STA 5944+87, LT&RT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVING STORM SEWER 24-INCH
SSPRC CLASS III 24-INCH REQ'D
1-AEW REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 4
STA 5951+88, LT&RT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVING STORM SEWER 24-INCH
SSPRC CLASS III 24-INCH REQ'D
1-AEW REQ'D
MARKERS FOR CULVERT END REQ'D

CP #502
Y = 180,055.31
X = 324,207.49
ELEV = 1263.25
FENO 1000 W/ALUMINUM CAP SET

502
1263.247
CP FENO SET

ASTREA (COMMUNICATION)
QTR S6 3\4 IRON W/ALUM CAP
EX R/W
5940 N32° 12' 21"W 5945 5950 5955 USH 53 SB 5960 5965 CURVE 9 5970
2940 N32° 12' 21"W 2945 2950 2955 USH 53 NB 2960 2965 CURVE 10 2970
BASE AGG FE
PC: 5962+44.28
EX R/W
BASE AGG PE
PC: 2962+86.83
PT: 2970+88.95
LUMEN (COMMUNICATION)
BARRON ELECTRIC (ELECTRIC)

CURVE NO. 9
PI STA = 5966+57.38
Y = 181067.28
X = 323639.97
PC STA = 5962+44.28
Y=180717.75
X=323860.14
PT STA = 5970+65.10
Y=181463.97
X=323524.70
DELTA = 16°00'11"
D = 1°56'59"
T = 413.10'
L = 820.82'
R = 2938.79'
EXISTING SE = 5.2%
PROPOSED SE = 5.4%
SE TRANSITION (T) = 222'
RO (RUNOFF) = 162'

STAGE 2
STA 2957+31, LT
EXISTING INLET TO REMAIN

STA 2957+29, LT & RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 2952+31, LT & RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

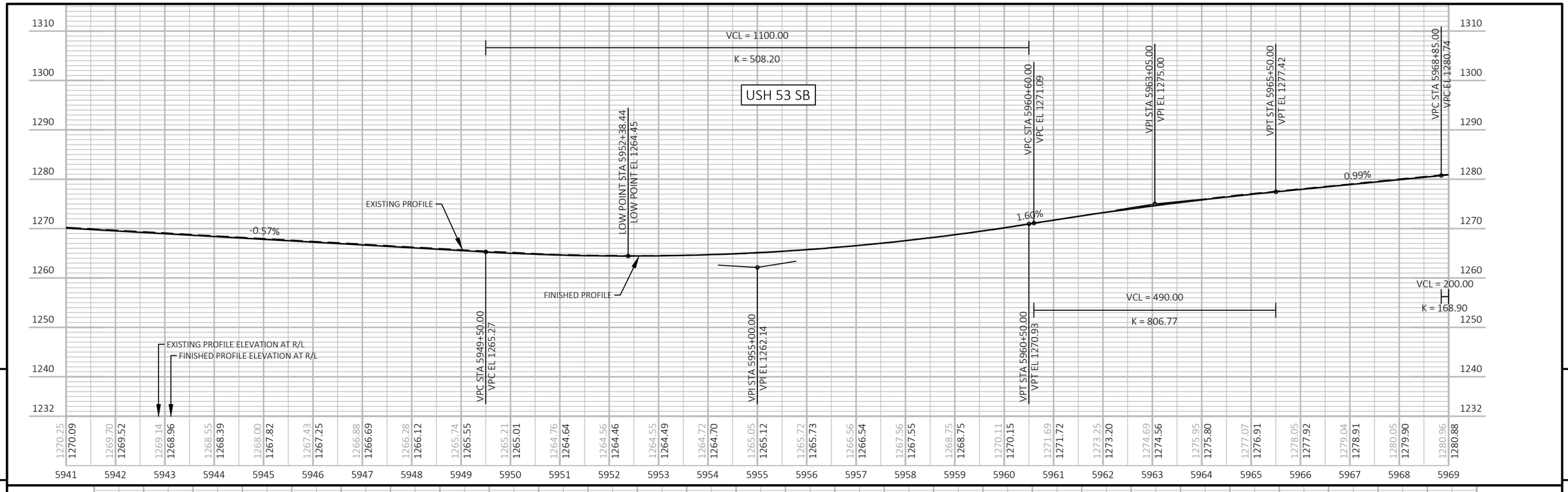
STA 2952+31, AEW TO 59' RT
DITCH CLEANING

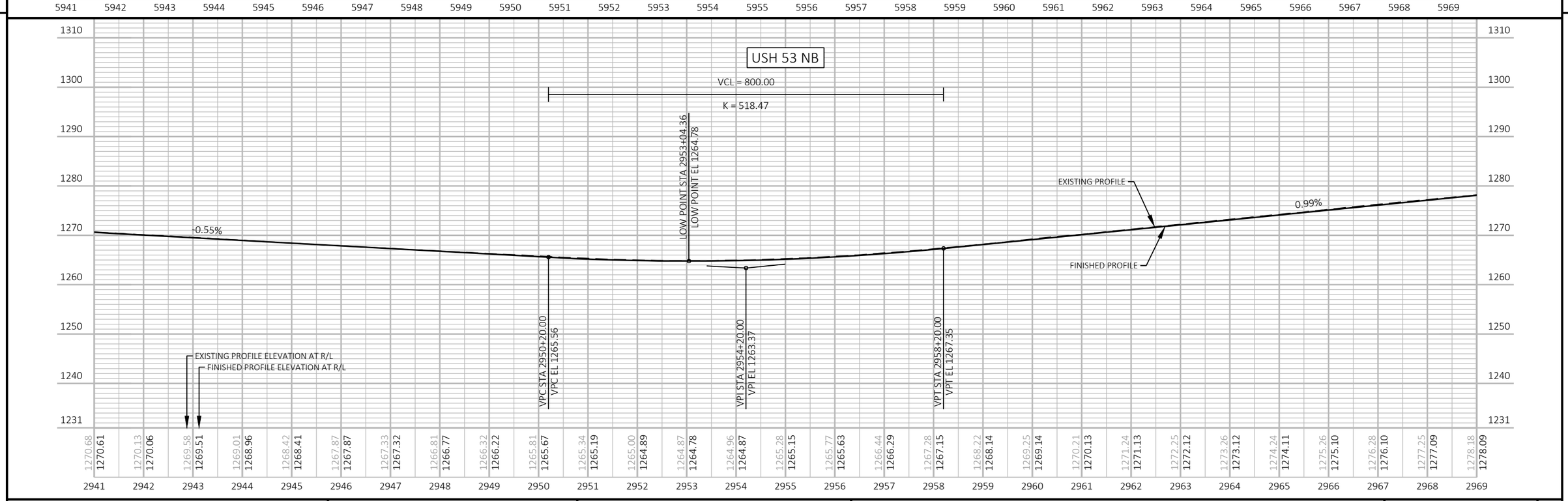
STA 2956+55, LT
SEE CONSTRUCTION DETAIL OF
MEDIAN OPENINGS AT DRIVEWAYS

CURVE NO. 10
PI STA = 2966+90.53
Y = 181098.77
X = 323707.59
PC STA = 2962+86.83
Y=180757.19
X=323922.75
PT STA = 2970+88.95
Y=181486.51
X=323595.21
DELTA = 16°02'33"
D = 2°00'00"
T = 403.70'
L = 802.12'
R = 2864.79'
EXISTING SE = 5.4%
PROPOSED SE = 5.5%
SE TRANSITION (T) = 225'
RO (RUNOFF) = 165'

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PLAN	SHEET 191	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 15
PLOT DATE : 3/24/2022 3:23 PM
PLOT BY : ADMIN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PROFILE	SHEET 192	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 16
PLOT DATE : 3/24/2022 3:23 PM
PLOT BY : ADMIN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

CURVE NO. 9
PI STA = 5966+57.38
Y = 181067.28
X = 323639.97
PC STA = 5962+44.28
Y=180717.75
X=323860.14
PT STA = 5970+65.10
Y=181463.97
X=323524.70
DELTA = 16°00'11"
D = 1°56'59"
T = 413.10'
L = 820.82'
R = 2938.79'
EXISTING SE = 5.2%
PROPOSED SE = 5.4%
SE TRANSITION (T) = 222'
RO (RUNOFF) = 162'

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
A	2981+27.02	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
B	2981+77.02	RT	END EOP TAPER
C	2982+52.02	RT	BEGIN EOP TAPER
D	5988+55.63	RT	END EOP TAPER
E	5988+68.13	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
F	2994+94.86	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
G	2995+44.78	RT	END EOP TAPER
H	2996+14.70	LT	SHOULDER PAVEMENT STRUCTURE CHANGE
I	2996+27.11	LT	END EOP TAPER
J	2997+64.70	LT	BEGIN EOP TAPER
K	2996+19.78	RT	BEGIN EOP TAPER

UNNAMED OPEN WATER

COLLEEN SUTTER

DEVEREAUX J & ROSE M LALOND

STAGE 4
STA 5972+04, LT & RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D, LT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

CP #594
3/4 IRON ROD W/BLUE CAP SET
(BARRON COUNTY)
Y = 183,562.05
X = 322,863.04
ELEV = 1283.62
(WASHBURN COUNTY)
Y = 499,632.27
X = 768,199.07
ELEV = 1283.95

CP #595
3/4 IRON ROD W/BLUE CAP SET
(BARRON COUNTY)
Y = 183,748.64
X = 322,805.49
ELEV = 1283.88
(WASHBURN COUNTY)
Y = 499,818.93
X = 768,141.68
ELEV = 1284.24

PT: 5970+65.10

PI: 5981+84.32

WDNR LAND USE AGREEMENT

ASTREA (COMMUNICATION)

BIKE PATH
STATE OF WISCONSIN DNR

WILD RIVERS STATE TRAIL

EX R/W

CURVE 9 5970 N16° 12' 11"W 5975 5980 USH 53 SB 5985 BP: 30+00.00 5990 N16° 09' 33"W 5995

Y = 182538.740
X = 323212.388

CURVE 10 2970 N16° 09' 49"W 2975 2980 USH 53 NB 2985 2990 2995

BASE AGG PE

PT: 2970+88.95

BARRON ELECTRIC (ELECTRIC)

LUMEN (COMMUNICATION)

SCOTT A & DONNA J BELCHER

END CONSTRUCTION
STA 31+33

STAGE 2
STA 2986+15, LT
REMOVE 1-18" CMCP
1-18" CPRC CLASS IV REQ'D
2-AEW (10:1) REQ'D

EP: 34+00.00

CP #597
3/4 IRON ROD W/BLUE CAP SET
(BARRON COUNTY)
Y = 183,621.46
X = 323,026.50
ELEV = 1284.55
(WASHBURN COUNTY)
Y = 499,691.58
X = 768,362.58
ELEV = 1284.90

CP #596
3/4 IRON ROD W/BLUE CAP SET
(BARRON COUNTY)
Y = 183,801.55
X = 322,975.50
ELEV = 1283.91
(WASHBURN COUNTY)
Y = 499,871.68
X = 768,311.73
ELEV = 1284.27

CURVE NO. 10
PI STA = 2966+90.53
Y = 181098.77
X = 323707.59
PC STA = 2962+86.83
Y=180757.19
X=323922.75
PT STA = 2970+88.95
Y=181486.51
X=323595.21
DELTA = 16°02'33"
D = 2°00'00"
T = 403.70'
L = 802.12'
R = 2864.79'
EXISTING SE = 5.4%
PROPOSED SE = 5.5%
SE TRANSITION (T) = 225'
RO (RUNOFF) = 165'

STAGE 2
STA 2972+27, LT
EXISTING INLET TO REMAIN

STA 2972+29, LT & RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 2970+46, LT
SEE CONSTRUCTION DETAIL OF
MEDIAN OPENINGS AT DRIVEWAYS

SCOTT A & DONNA J BELCHER

STAGE 2
STA 2985+50, LT
EXISTING INLET TO REMAIN

STA 2985+49, LT & RT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL
SSPRC CLASS III 24-INCH EXTENSION REQ'D
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 2985+50, AEW TO 54' RT
DITCH CLEANING

29 3/4 AVE

DEVEREAUX J & ROSE M LALOND

DEVEREAUX J & ROSE M LALOND

EX R/W

BARRON COUNTY

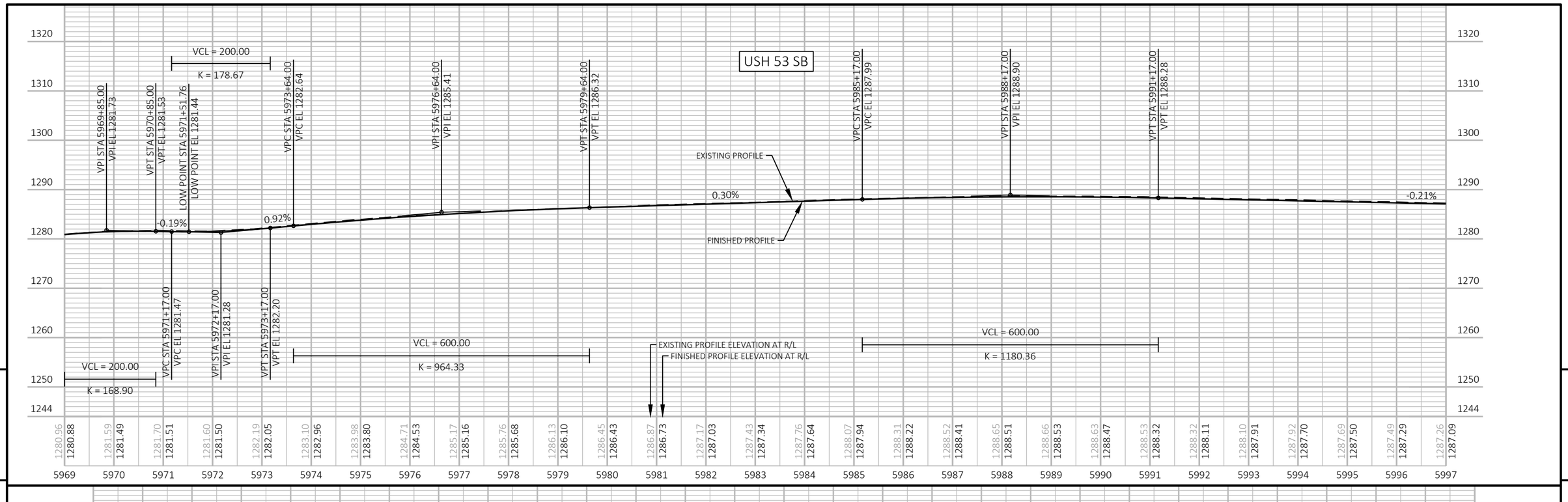
WASHBURN COUNTY

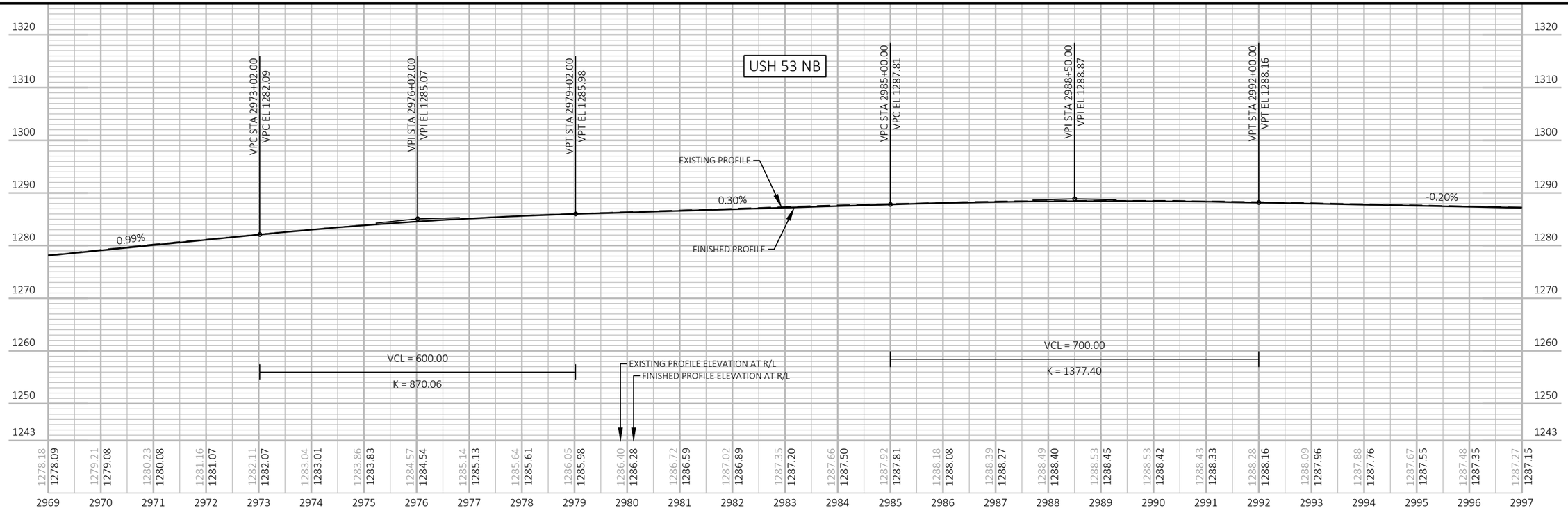
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PLAN	SHEET 193	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 17

PLOT DATE : 3/24/2022 3:24 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PROFILE	SHEET 194	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 18
PLOT DATE : 4/26/2022 10:21 AM
PLOT BY : DREW NELSON
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

THE BARRON COUNTY COORDINATE SYSTEM IS USED FROM BEGIN PROJECT TO STA 3009+00 AND STA 6009+00. THE WASHBURN COUNTY COORDINATE SYSTEM IS USED FROM STA 3009+00 AND STA 6009+00 TO END PROJECT LIMITS.

STAGE 4
STA 5998+93, LT & RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D, LT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

T37 N R12W | T37 N R11W | T36N R12W | T36N R11W
36 | 31 | 1 | 6

DO NOT DISTURB

18TH ST

SEC NW6 ALUM CAP IN ASPHALT

EX R/W

30TH AVE

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
L	6002+35.59	RT	BEGIN EOP TAPER
M	6003+73.09	RT	END EOP TAPER
N	6003+85.58	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
O	6003+85.44	LT	BEGIN EOP TAPER
P	6004+60.44	LT	END EOP TAPER
Q	6005+10.30	LT	SHOULDER PAVEMENT STRUCTURE CHANGE

N

SEE WASHBURN COUNTY PLAN SHEETS

BP: 40+00.00

ASTREA (COMMUNICATION)

BEGIN CONSTRUCTION STA 41+08

WDNR LAND USE AGREEMENT

STATE OF WISCONSIN DNR

WILD RIVERS STATE TRAIL

STA 6009+00
END USE OF BARRON COUNTY COORDINATES
Y = 185147.127
X = 322456.600
BEGIN USE OF WASHBURN COUNTY COORDINATES

EP: 6015+00.00

EX R/W

6000 | 6005 | 6010

USH 53 SB

USH 53 NB

3000 | 3005 | 3010

ASTREA (COMMUNICATION)

WISDOT (RWIS ELECTRIC) (APPROXIMATE LOCATION)

WISDOT (RWIS TOWER)

BASE AGG FE

END CONSTRUCTION STA 43+75

LUMEN (COMMUNICATION)

BARRON ELECTRIC (ELECTRIC)

CP #500
NGS WEEGMAN
(BARRON COUNTY)
Y = 184,247.97
X = 323,139.86
ELEV = 1283.40
(WASHBURN COUNTY)
Y = 500,317.96
X = 768,476.49
ELEV = 1283.75
(DO NOT DISTURB)

EP: 45+00.00

CP #599
3/4 IRON ROD W/BLUE CAP SET
(BARRON COUNTY)
Y = 184,771.59
X = 322,695.68
ELEV = 1281.50
(WASHBURN COUNTY)
Y = 500,841.97
X = 768,032.72
ELEV = 1281.84

BARRON ELECTRIC (ELECTRIC)

CP #598
3/4 IRON ROD W/BLUE CAP SET
(BARRON COUNTY)
Y = 184,976.43
X = 322,638.40
ELEV = 1284.53
(WASHBURN COUNTY)
Y = 501,046.86
X = 767,975.60
ELEV = 1284.88

STA 3009+00
END USE OF BARRON COUNTY COORDINATES
Y = 185146.918
X = 322534.288
BEGIN USE OF WASHBURN COUNTY COORDINATES

EP: 3015+00.00

LUMEN (COMMUNICATION)

SEE WASHBURN COUNTY PLAN SHEETS

NGS WEEGMAN 1283.400 500

BARRON COUNTY

WASHBURN COUNTY

STAGE 1
STA 2999+15, LT
RECONSTRUCTING INLETS
REMOVING STORM SEWER 24-INCH
TEMPORARY SSPRC CLASS III 24-INCH CONNECTIONS REQ'D

STAGE 2
STA 2999+15, LT & RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 2999+15, AEW TO 118' RT
DITCH CLEANING

STAGE 4
STA 2999+15, LT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVE TEMPORARY STORM SEWER CONNECTIONS (INCIDENTAL TO ITEM)
SSPRC CLASS III 24-INCH CONNECTIONS REQ'D
2-CONCRETE COLLARS REQ'D

STAGE 2/4
STA 3001+46, LT&RT
EXISTING 2-30" CPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3003+49, LT
EXISTING INLET TO REMAIN

STA 3003+49, LT & RT
EXISTING 18" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
H	2996+14.70	LT	SHOULDER PAVEMENT STRUCTURE CHANGE
I	2996+27.11	LT	END EOP TAPER
J	2997+64.70	LT	BEGIN EOP TAPER
K	2996+19.78	RT	BEGIN EOP TAPER

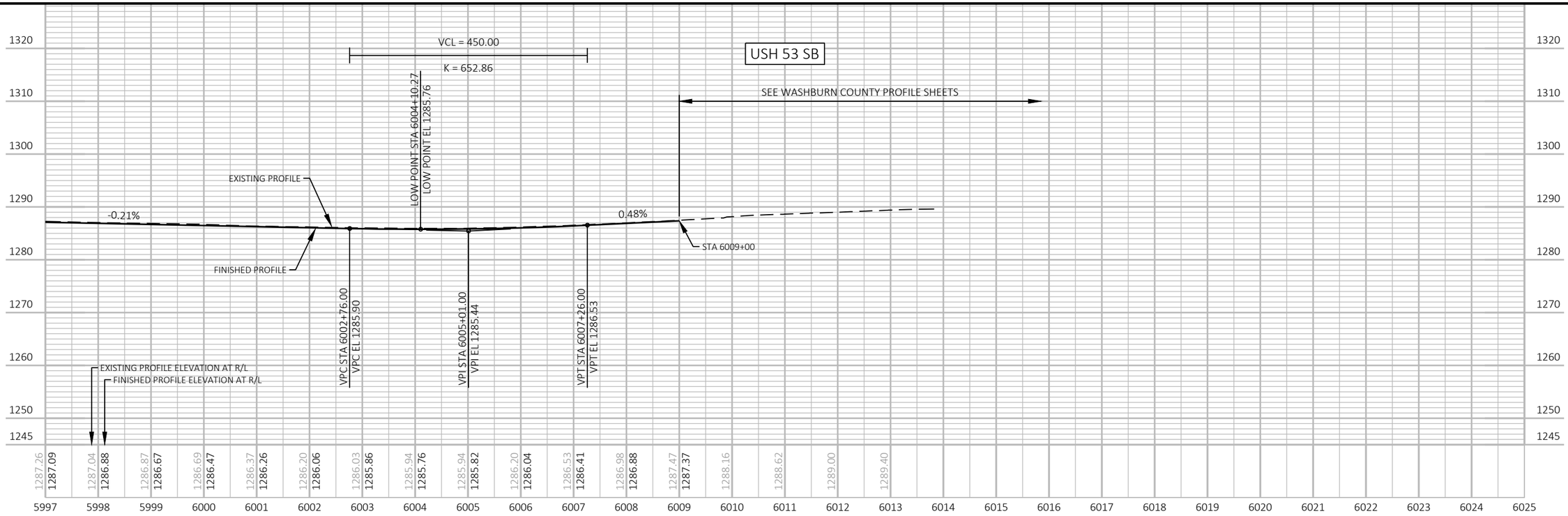
MONDAY LAKE

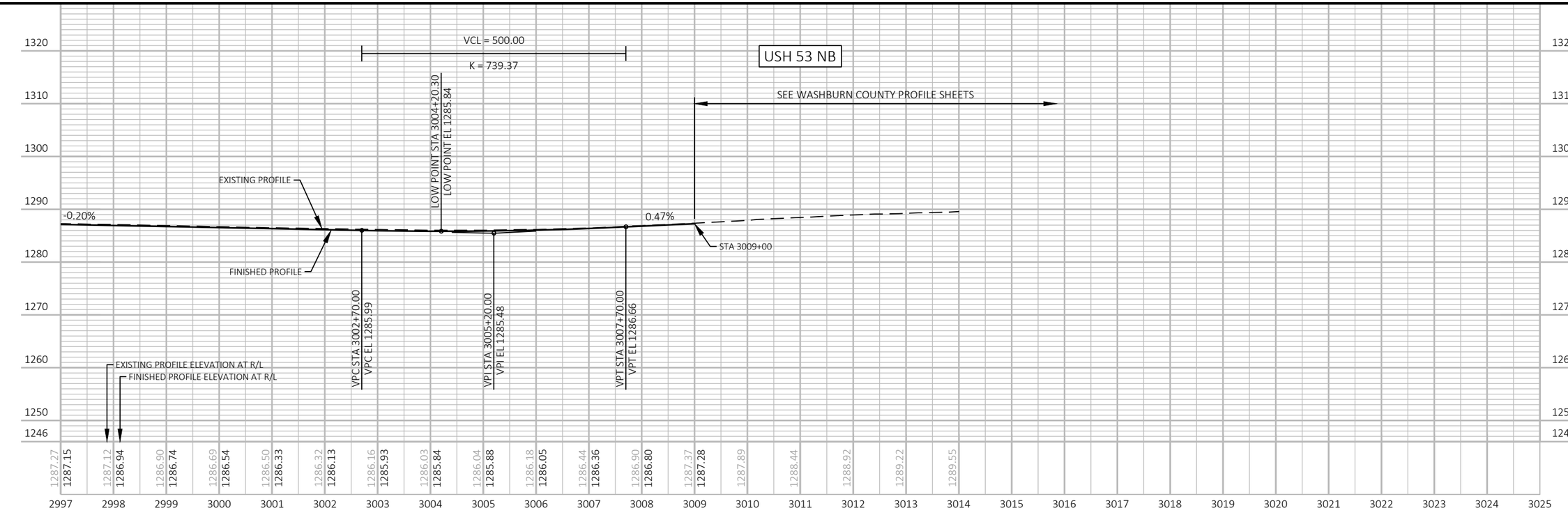
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PLAN	SHEET 195	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 19

PLOT DATE : 3/24/2022 3:24 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PROFILE	SHEET 196	E

LEGEND
DELINEATED WETLAND BOUNDARY
SLOPE INTERCEPT
6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTES
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

THE BARRON COUNTY COORDINATE SYSTEM IS USED FROM BEGIN PROJECT TO STA 3009+00 AND STA 6009+00. THE WASHBURN COUNTY COORDINATE SYSTEM IS USED FROM STA 3009+00 AND STA 6009+00 TO END PROJECT LIMITS.

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

T37N R12W | T37N R11W | 36 | 31 | 1 | 6 | T36N R12W | T36N R11W

DO NOT DISTURB

N

5

5

CP #595
3/4 IRON ROD W/BLUE CAP SET
(WASHBURN COUNTY)
Y = 499,818.93
X = 768,141.68
ELEV = 1284.24
(BARRON COUNTY)
Y = 183,748.64
X = 322,805.49
ELEV = 1283.88

CP #596
3/4 IRON ROD W/BLUE CAP SET
(WASHBURN COUNTY)
Y = 499,871.68
X = 768,311.73
ELEV = 1284.27
(BARRONCOUNTY)
Y = 183,801.55
X = 322,975.50
ELEV = 1283.91

CP #500
NGS WEEGMAN
(WASHBURN COUNTY)
Y = 500,317.96
X = 768,476.49
ELEV = 1283.75
(BARRON COUNTY)
Y = 184,247.97
X = 323,139.86
ELEV = 1283.40
(DO NOT DISTURB)

CP #599
3/4 IRON ROD W/BLUE CAP SET
(WASHBURN COUNTY)
Y = 500,841.97
X = 768,032.72
ELEV = 1281.84
(BARRON COUNTY)
Y = 184,771.59
X = 322,695.68
ELEV = 1281.50

CP #598
3/4 IRON ROD W/BLUE CAP SET
(WASHBURN COUNTY)
Y = 501,046.86
X = 767,975.60
ELEV = 1284.88
(BARRON COUNTY)
Y = 184,976.43
X = 322,638.40
ELEV = 1284.53

CP #535
Y = 502,238.80
X = 767,629.62
ELEV = 1282.06
FENO 1000 W/ALUMINUM CAP SET

STA 6009+00
END USE OF BARRON COUNTY COORDINATES
BEGIN USE OF WASHBURN COUNTY COORDINATES
Y = 501217.714
X = 767793.944

STA 3009+00
END USE OF BARRON COUNTY COORDINATES
BEGIN USE OF WASHBURN COUNTY COORDINATES
Y = 501217.441
X = 767871.631

SEE BARRON COUNTY PLAN SHEETS

SEE BARRON COUNTY PLAN SHEETS

STA 43+88, LT&RT
EXISTING 2-36" CMCP TO REMAIN

STAGE 5
STA 3018+56, LT
REMOVE 1-18" CMCP
1-18" CPRC CLASS IV REQ'D
2-AEW (10:1) REQ'D

STA 3018+45, LT
SEE CONSTRUCTION DETAIL OF
MEDIAN OPENINGS AT DRIVEWAYS

BARRON ELECTRIC (ELECTRIC)
WISDOT (RWIS TOWER)
LUMEN (COMMUNICATION)
ASTREA (COMMUNICATION)
BARRON ELECTRIC (ELECTRIC)

30TH AVE
BARRON COUNTY
WASHBURN COUNTY
USH 53 SB
USH 53 NB
WILD RIVERS STATE TRAIL
WISCONSIN DNR
MONDAY LAKE

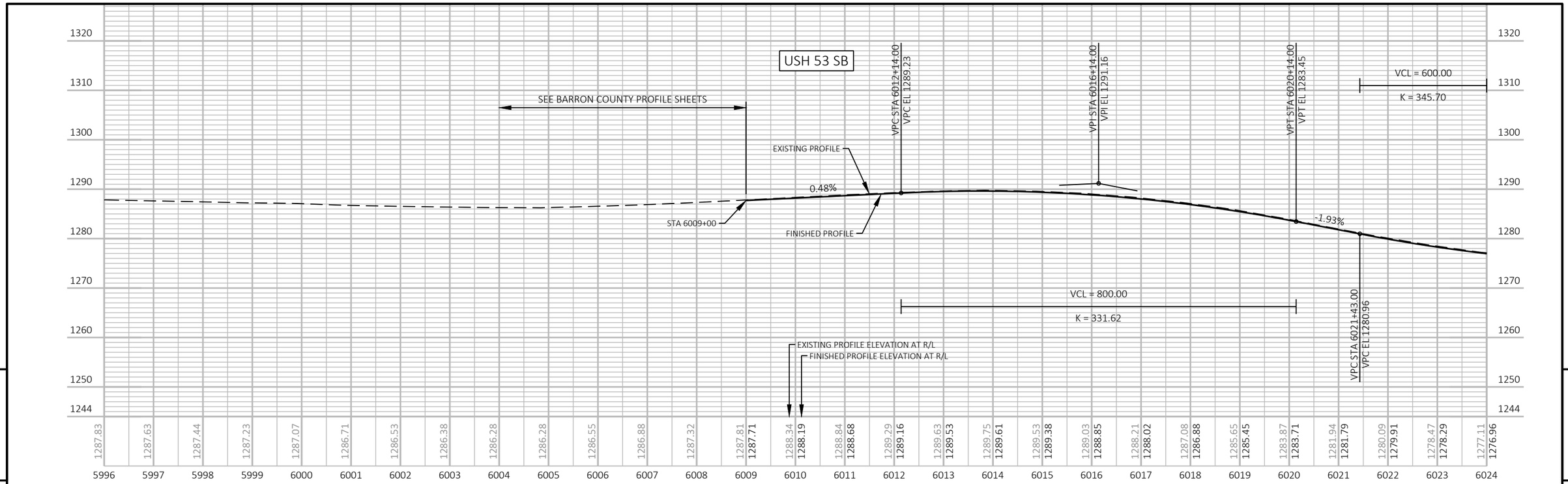
ROGER L FURCHTENICHT
COREY L FURCHTENICHT
ARNOLD W WEEGMAN
DEBRA A WEEGMAN
REBECCA A HANSON
DERREK R HANSON
ALLISON ZALOUDEK
BRENT ZALOUDEK

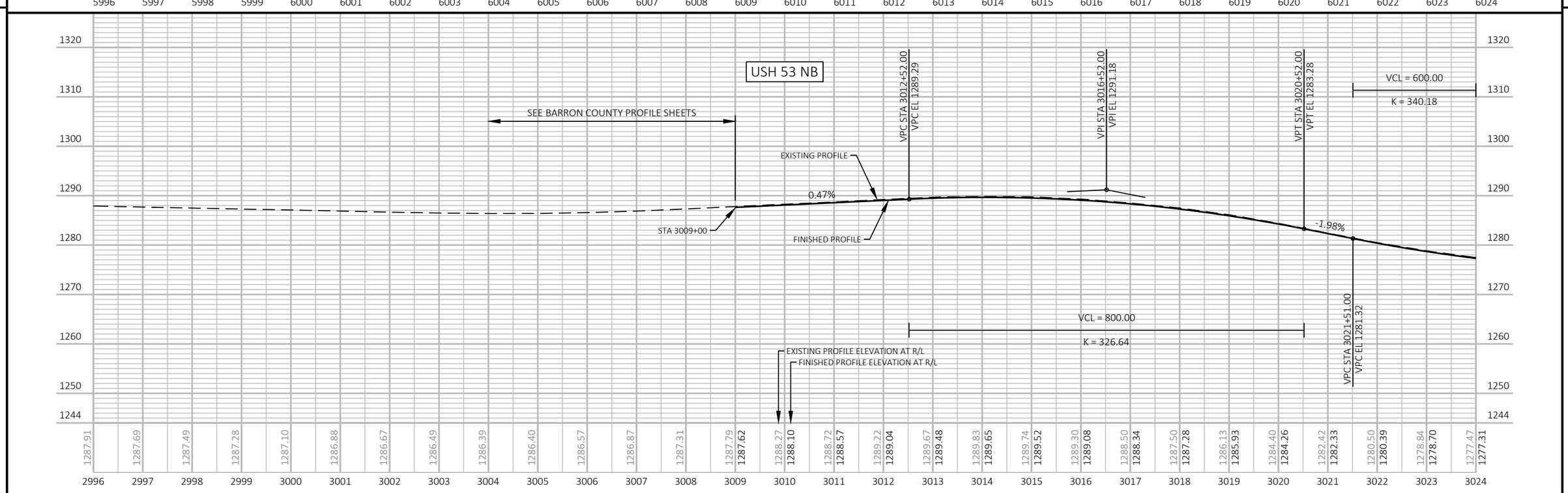
EX R/W

5995 6000 6005 6010 N16° 06' 43"W 6015 6020 6025
2995 3000 3005 3010 N16° 06' 59"W 3015 3020 3025

BASE AGG PE

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 197	E





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 198	E

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

N

COREY L FURCHTENICHT

KEVIN K WHEELER
SHARON WHEELER

WAYNE E HANSON

JAMES W PLUMERI

STAGE 4
STA 6032+88, LT & RT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D, LT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 6035+16, RT
SEE CONSTRUCTION DETAIL OF
MEDIAN OPENINGS AT DRIVEWAYS

STAGE 4
STA 6039+58, LT & RT
REMOVE TEMPORARY SSPRC CONNECTION
(INCIDENTAL TO ITEM)
REMOVING STORM SEWER 30-INCH
SSPRCH CLASS III 24"X38" REQ'D,
TIE TO EXISTING INLET AT STA 3039+80
1-AEW REQ'D
MARKERS FOR CULVERT END REQ'D

BARRON ELECTRIC
(ELECTRIC)

ASTREA
(COMMUNICATION)

WDNR LAND USE AGREEMENT

WDNR LAND USE AGREEMENT

ASPH
PE

WILD RIVERS STATE TRAIL

WDNR LAND USE AGREEMENT

WISCONSIN DNR

EX R/W

BP: 50+00.00

EX R/W

6025 6030 6035 USH 53 SB 6040 6045 6050

3025 3030 3035 USH 53 NB 3040 3045 3050

EX R/W

JUZA FAMILY TRUST

STAGE 2/4
STA ~~3028+66~~, LT & RT
EXISTING 2-24" CPRC TO REMAIN
REMOVE EXISTING ENDWALLS, RT
2-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3033+09, LT
EXISTING INLET TO REMAIN

STA 3033+08, LT & RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 3033+09, AEW TO 70' RT
DITCH CLEANING

STAGE 5
STA 3035+34, LT
REMOVE 1-18" CMCP
1-18" CPRC CLASS IV REQ'D
2-AEW (10:1) REQ'D

STAGE 2
STA 3039+80, LT&RT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVING STORM SEWER 30-INCH
SSPRCHE CLASS III 24"X38" REQ'D
1-AEW REQ'D
TEMPORARY SSPRC CLASS III 30"CONNECTION REQ'D,
TIE TO NEW INLET AT STA 3039+80
MARKERS FOR CULVERT END REQ'D

STAGE 2/4
STA 3044+01, LT & RT
EXISTING 2-24" CPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 3044+01, AEW TO 65' RT
DITCH CLEANING

STAGE 2
STA 3048+30, LT
EXISTING INLET TO REMAIN

STA 3048+30, LT & RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 3048+30, AEW TO 65' RT
DITCH CLEANING

END CONSTRUCTION
STA 51+69

EP: 53+00.00

EX R/W

EX R/W

EX R/W

PIERCE RD

ANT.

MARY L PIERCE
JAMES R GOHDE

MARY L PIERCE
JAMES R GOHDE

ALLISON ZALOUDEK
BRENT ZALOUDEK

JUZA FAMILY TRUST

DACZEWITZ LIMITED PARTNERSHIP

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
A	3049+33.75	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
B	3049+83.75	RT	END EOP TAPER
C	3050+58.75	RT	BEGIN EOP TAPER

T37 N R12W | T37 N R11W
25 | 30
36 | 31
T37 N R12W | T37 N R11W

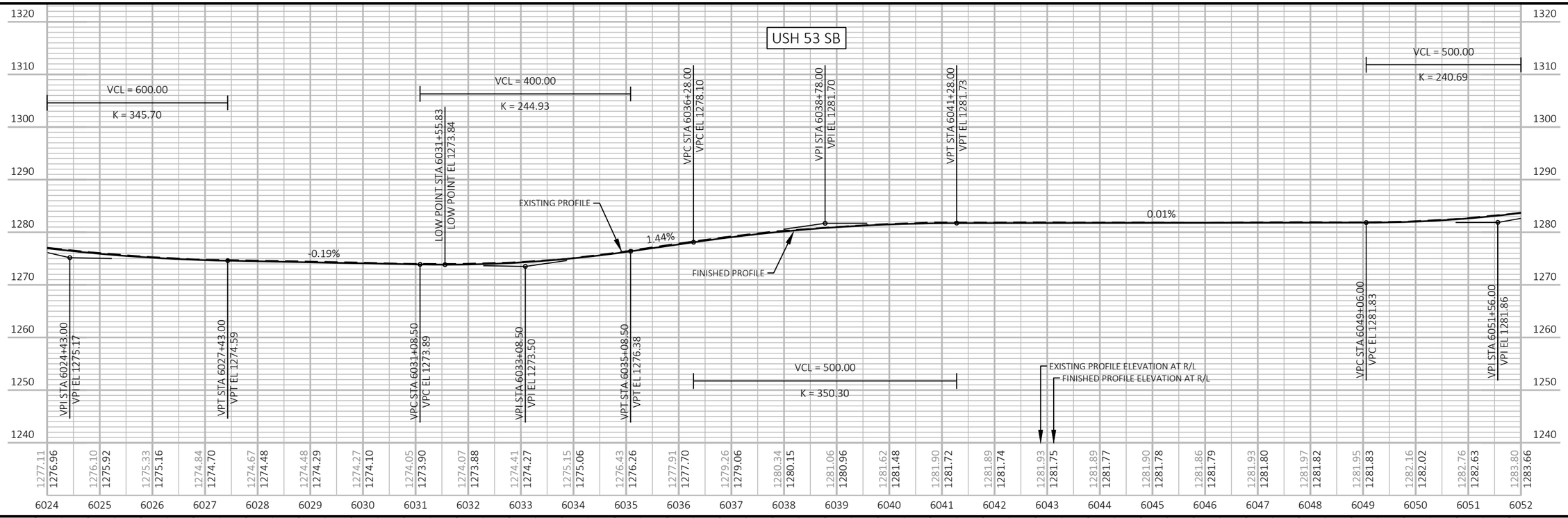
DO NOT DISTURB

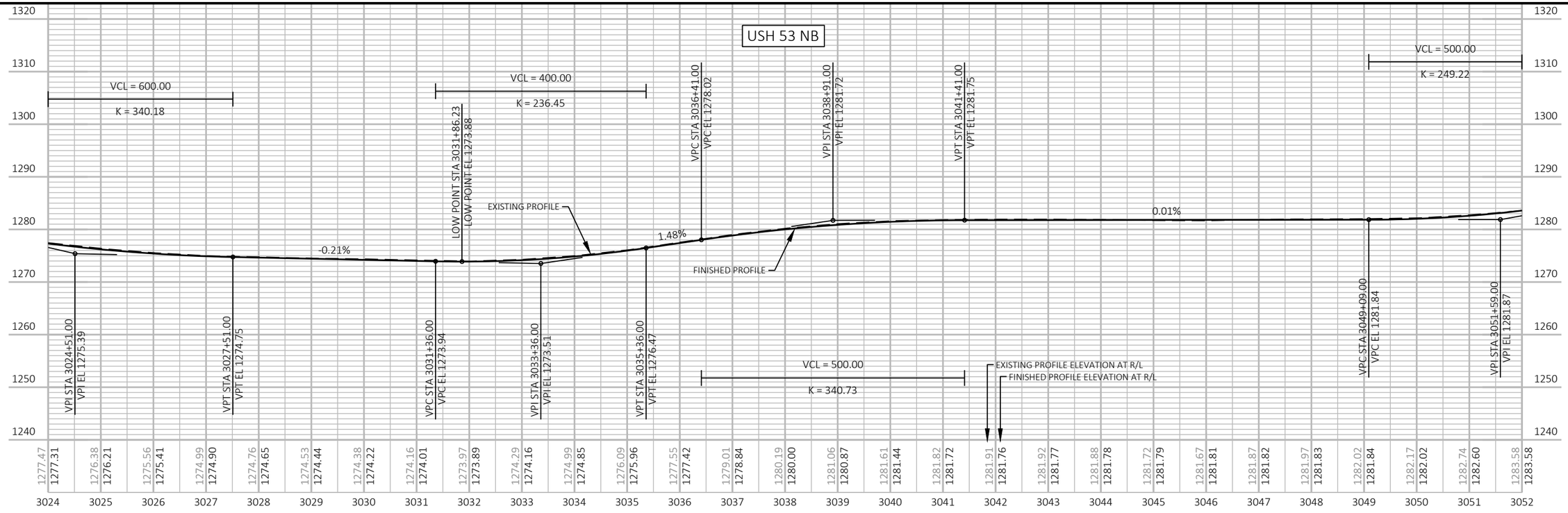
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 199	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 23

PLOT DATE : 2/2/2023 1:13 PM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 200	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 24
PLOT DATE : 2/2/2023 1:13 PM
PLOT BY : LINDSEY CHANNEL
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
A	6055+73.06	RT	END EOP TAPER
B	6055+85.56	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
C	6059+83.32	RT	SHOULDER PAVEMENT STRUCTURE CHANGE

DAVID A JUZA
JOSEPH E JUZA

WAYNE E HANSON

TUSCOBIA TRAP CLUB INC

DAVID A JUZA

STAGE 4
STA 6067+51, LT & RT
EXISTING 36" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPES REQ'D, LT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

BARRON ELECTRIC
(ELECTRIC)

BRIGHTSPEED
(COMMUNICATION)

ASTREA
(COMMUNICATION)

WDNR LAND USE AGREEMENT

WDNR LAND USE AGREEMENT

WISCONSIN DNR

WILD RIVERS STATE TRAIL

ASPH
PE

EX R/W

EX R/W

PI: 6080+72.58

6055 6060 6065 USH 53 SB 6070 6075 N16° 06' 43"W 6080

Y = 508108.568
X = 765803.460

3055 3060 3065 USH 53 NB 3070 3075 3080

BP: 50+00.00

ASPH
CE

LUMEN
(COMMUNICATION)

CP #534
Y = 506,321.61
X = 766,460.29
ELEV = 1297.55
FENO 1000 W/ALUMINUM CAP SET

END CONSTRUCTION
STA 51+69

STAGE 2
STA 3056+89, LT
EXISTING INLET TO REMAIN

STA 3056+89, LT & RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 3055+89 - STA 3056+89, RT
DITCH CLEANING

STAGE 5
STA 3058+47, LT
REMOVE 1-18" CMCP
1-24" CPRC CLASS IV REQ'D
2-AEW (10:1) REQ'D

STA 3058+51, LT
SEE CONSTRUCTION DETAIL OF
MEDIAN OPENINGS AT DRIVEWAYS

STAGE 2
STA 3067+72, LT
EXISTING INLET TO REMAIN

STA 3067+73, LT & RT
EXISTING 36" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 3067+73, FROM AEW TO 80' RT
DITCH CLEANING

STAGE 2
STA 3075+50, LT
EXISTING INLET TO REMAIN

STA 3075+50, LT & RT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL, RT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 3074+50 - STA 3075+50, RT
DITCH CLEANING

STAGE 5
STA 3052+82, LT
REMOVE 1-18" CMCP
1-18" CPRC CLASS IV REQ'D
2-AEW (10:1) REQ'D

EP: 53+00.00

PIERCE RD

A&J RD

EX R/W

MARY L PIERCE
JAMES R GOHDE

NOVY REC LLC

NOVY REC LLC

MARK J HEINZE
JAMES R HEINZE LE

SCOTT KENNEN TRUST

SCOTT KENNEN TRUST

T 37 N R 12W | T 37 N R 11W
25 | 30
36 | 31
T 37 N R 12W | T 37 N R 11W

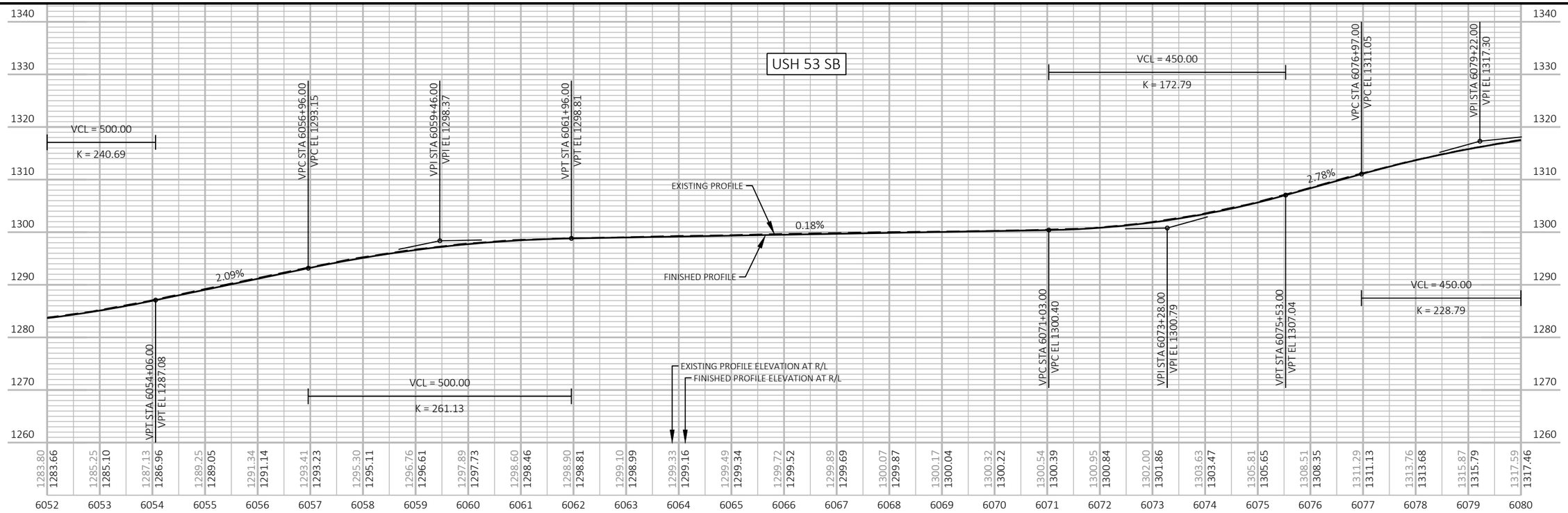
DO NOT DISTURB

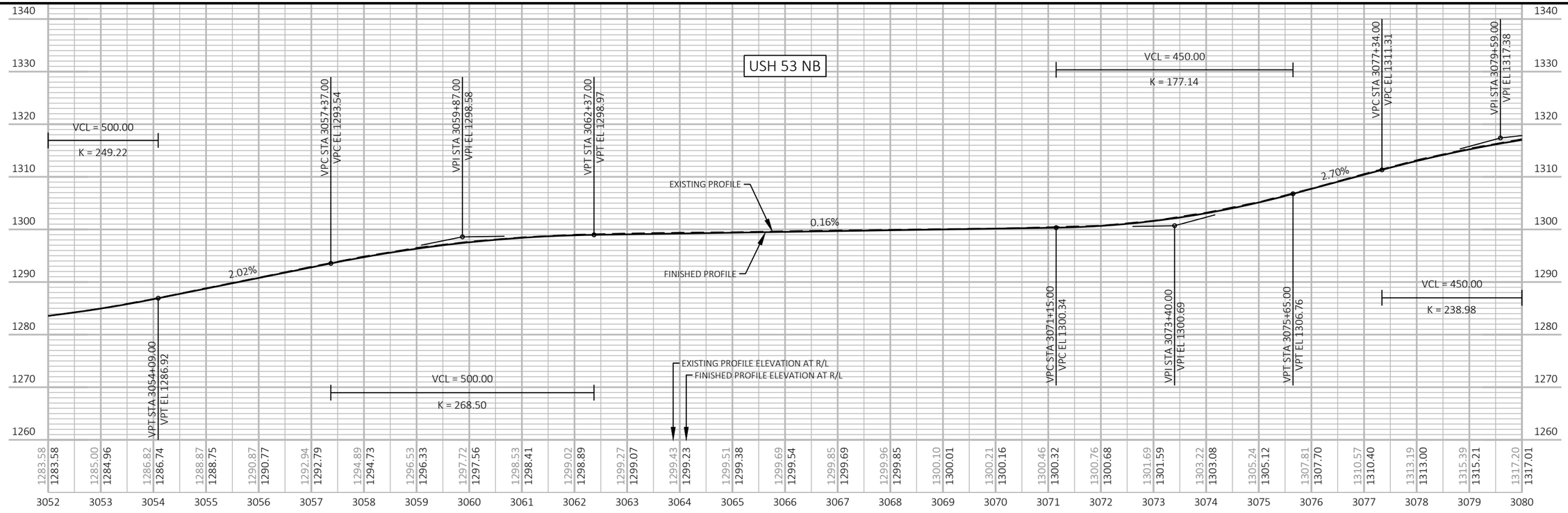
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 201	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 25

PLOT DATE : 2/2/2023 1:14 PM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 202	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 26

PLOT DATE : 2/2/2023 1:14 PM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
C	6085+09.24	RT	END EOP TAPER
D	6085+21.74	RT	SHOULDER PAVEMENT STRUCTURE CHANGE

JOSEPH A MAXFIELD
SUSAN C MAXFIELD

MARK O JOHNSON
BARBARA B JOHNSON

DAVID A JUZA

WEAVER FAMILY TRUST

WEAVER FAMILY TRUST

STAGE 4
STA 6095+59, RT
EXISTING INLET TO REMAIN

STA 6095+59, LT & RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 4
STA 6102+27, RT
EXISTING INLET TO REMAIN

STA 6102+28, LT & RT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL, LT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D, LT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 6100+78 - STA 6102+28, LT
DITCH CLEANING

WDNR LAND USE AGREEMENT

EX R/W

PI: 6080+72.58

ASTREA
(COMMUNICATION)

WISCONSIN DNR

WDNR LAND USE AGREEMENT

WILD RIVERS STATE TRAIL

WDNR LAND USE AGREEMENT

EX R/W

N16° 06' 43"W — 6080 — N16° 06' 59"W — 6085 — 6090 — USH 53 SB — 6095 — 6100 — 6105

Y = 508108.568
X = 765803.460

3080 — 3085 — 3090 — USH 53 NB — 3095 — 3100 — 3105

BP: 60+00.00

EP: 64+00.00

EX R/W

END CONSTRUCTION
STA 61+68

BARRON ELECTRIC
(ELECTRIC)

A&J RD

EX R/W

EX R/W

SCOTT KENNEN TRUST

STAGE 2
STA 3082+89, LT
EXISTING INLET TO REMAIN

STA 3082+90, LT & RT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL, RT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2/4
STA 3092+50, LT & RT
EXISTING 24" CPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D, LT & RT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

SCOTT KENNEN TRUST

SCOTT KENNEN TRUST

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
A	3078+98.79	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
B	3079+48.79	RT	END EOP TAPER
E	3106+00.00	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
F	3106+50.26	RT	END EOP TAPER
G	3106+00.00	LT	SHOULDER PAVEMENT STRUCTURE CHANGE
H	3106+30.01	LT	END EOP TAPER

BARRON ELECTRIC
(ELECTRIC)

END CONSTRUCTION
STA 75+10

EX R/W

LONG LAKE AVE

EX R/W

EX R/W

LUANNE F SIGMUND
EUGENE D SIGMUND

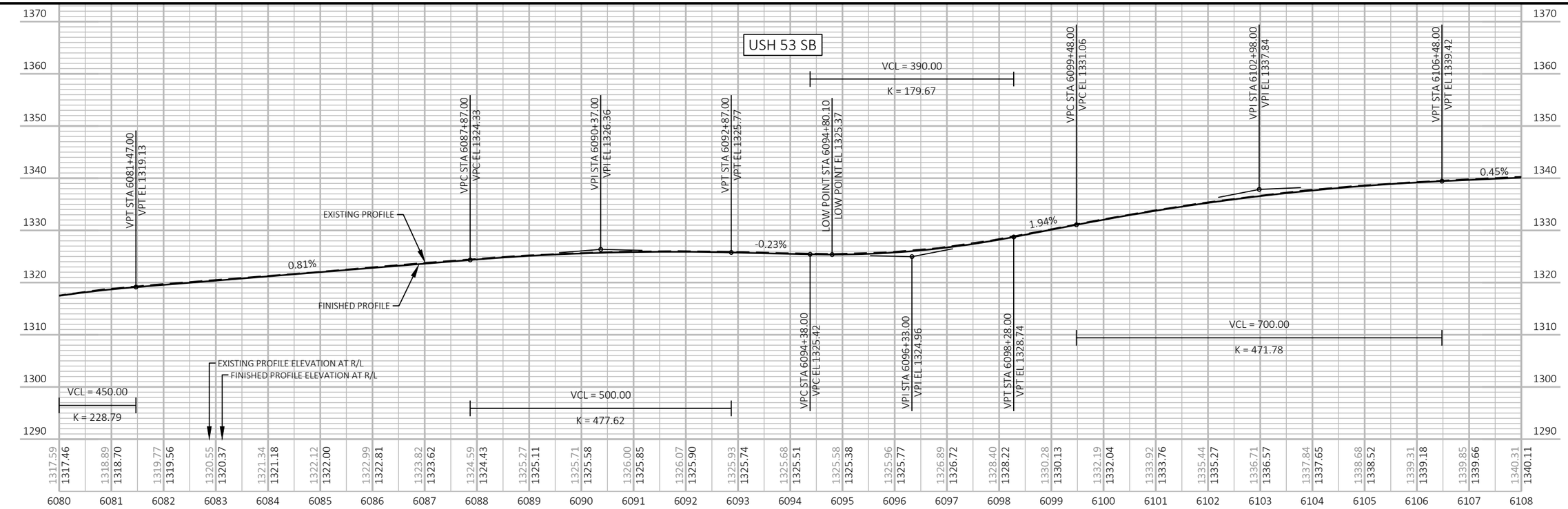
UNNAMED
OPEN WATER

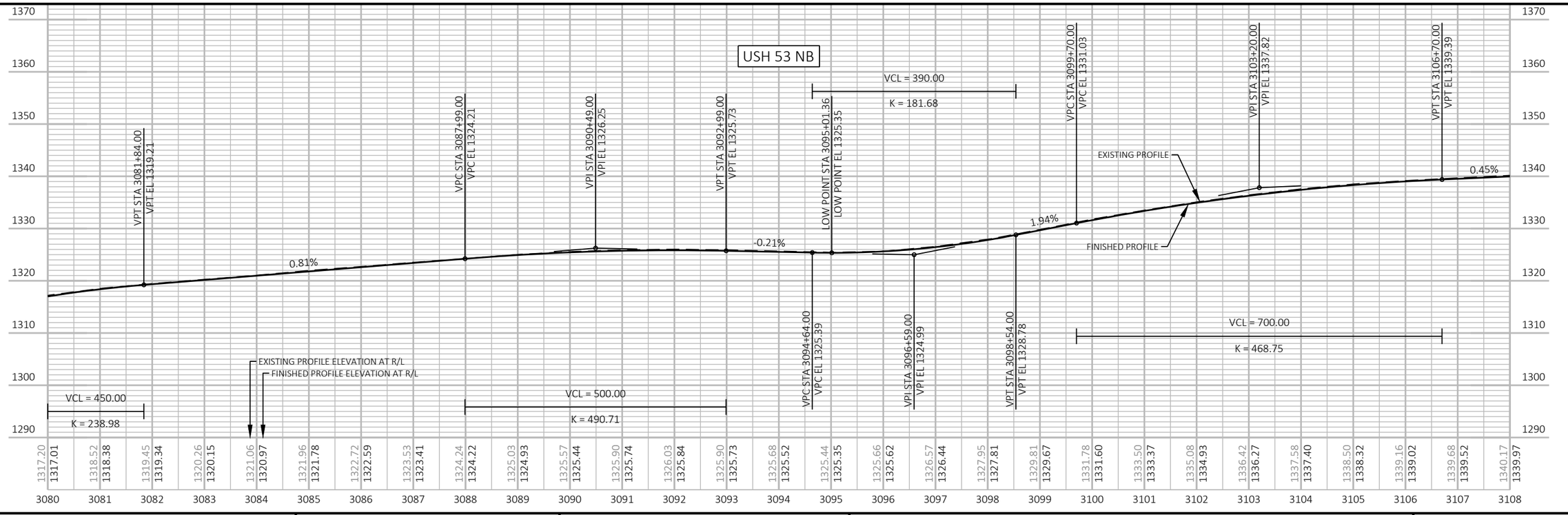
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 203	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 27

PLOT DATE : 2/2/2023 1:14 PM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





5

5

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 204	E

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
B	6112+26.33	RT	END EOP TAPER
C	6112+38.83	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
D	6111+82.80	LT	END EOP TAPER
E	6112+38.83	LT	SHOULDER PAVEMENT STRUCTURE CHANGE

CURVE NO. 11
PI STA = 6118+89.08
Y = 511775.08
X = 764744.05
PC STA = 6116+35.41
Y=511531.38
X=764814.46
PT STA = 6121+42.42
Y=512023.99
X=764695.16
DELTA = 5°00'20"
D = 0°59'14"
T = 253.67'
L = 507.02'
R = 5803.58'
EXISTING SE = 3.5%
PROPOSED SE = 3.3%
SE TRANSITION (T) = 159'
RO (RUNOFF) = 99'

STAGE 4
STA 6132+67, LT & RT
EXISTING 36" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D, LT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

MARK O JOHNSON
BARBARA B JOHNSON

THERESA K STODOLA
CECIL STODOLA

WAYNE DESRUDE

T 37 N
24
25
R 12 W

DO NOT DISTURB

EX R/W

BIG KEGAMA RD

STAGE 4
STA 6110+67, LT & RT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL, LT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D, LT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

BP: 70+00.00

STA 6109+58 - STA 6110+67, LT
DITCH CLEANING

WDNR LAND USE AGREEMENT

BEGIN CONSTRUCTION
STA 72+15

BRIGHTSPEED (COMMUNICATION)

WDNR LAND USE AGREEMENT

PC: 6116+35.41

BRIGHTSPEED (COMMUNICATION)

WISCONSIN DNR

PT: 6121+42.42

WDNR LAND USE AGREEMENT

WILD RIVERS STATE TRAIL

ASTREA (COMMUNICATION)

WDNR LAND USE AGREEMENT

BASE AGG FE

EX R/W

EX R/W

6110 — N16° 06' 59"W — 6115 — CURVE 11 — 6120 — USH 53 SB — 6125 — N11° 06' 39"W — 6130 — 6135

3110 — N16° 06' 59"W — 3115 — CURVE 12 — 3120 — USH 53 NB — 3125 — N11° 06' 39"W — 3130 — 3135

BASE AGG FE

BASE AGG FE

EX R/W

EUGENE D SIGMUND
LUANNE F SIGMUND

BARRON ELECTRIC (ELECTRIC)

EUGENE D SIGMUND
LUANNE F SIGMUND

NGS

CP #502
Y = 511,365.92
X = 765,044.63
ELEV = 1349.38
NGS 7Q12 BRASS CAP
(DO NOT DISTURB)

PC: 3116+57.23

PT: 3121+57.78

END CONSTRUCTION
STA 75+10

BARRON ELECTRIC (ELECTRIC)

EP: 76+99.99

EX R/W

LONG LAKE AVE

EX R/W

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
A	3107+25.26	RT	BEGIN EOP TAPER

STAGE 2
STA 3110+89, LT
EXISTING INLET TO REMAIN

STA 3110+89, RT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL, RT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
MARKERS FOR CULVERT END REQ'D

LUANNE F SIGMUND
EUGENE D SIGMUND

CURVE NO. 12
PI STA = 3119+07.67
Y = 511792.51
X = 764816.04
PC STA = 3116+57.23
Y=511551.92
X=764885.55
PT STA = 3121+57.78
Y=512038.25
X=764767.78
DELTA = 5°00'20"
D = 1°00'00"
T = 250.43'
L = 500.55'
R = 5729.58'
EXISTING SE = 3.3%
PROPOSED SE = 3.4%
SE TRANSITION (T) = 162'
RO (RUNOFF) = 102'

STAGE 2/4
STA 3121+93, LT & RT
EXISTING 24" CPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 3120+18, LT
SEE CONSTRUCTION DETAIL OF
MEDIAN OPENINGS AT DRIVEWAYS

EUGENE D SIGMUND
LUANNE F SIGMUND

STAGE 2
STA 3127+74, LT
EXISTING INLET TO REMAIN

STA 3127+75, LT & RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 3127+25 - STA 3127+75, RT
DITCH CLEANING

STAGE 2
STA 3132+81, LT
EXISTING INLET TO REMAIN

STA 3132+81, LT & RT
EXISTING 36" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 3134+03, LT
SEE CONSTRUCTION DETAIL OF
MEDIAN OPENINGS AT DRIVEWAYS

STAGE 5
STA 3134+24, LT
REMOVE 1-18" CMCP
1-18" CPRC CLASS IV REQ'D
2-AEW (10:1) REQ'D

EUGENE D SIGMUND
LUANNE F SIGMUND

5

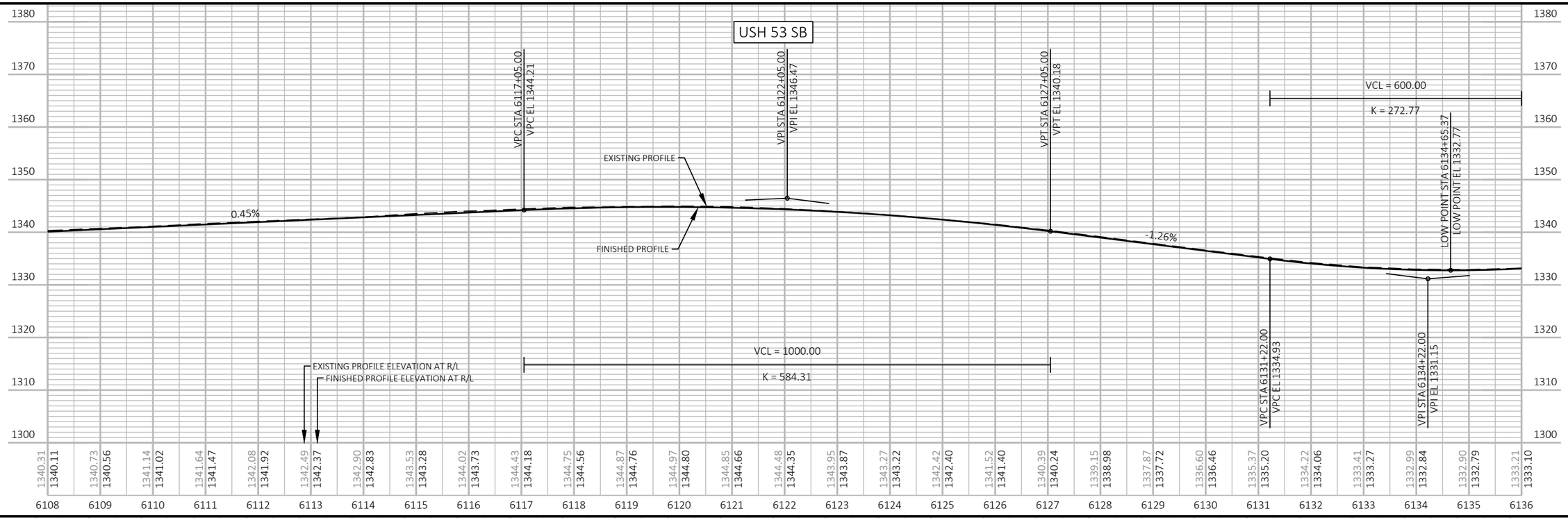
5

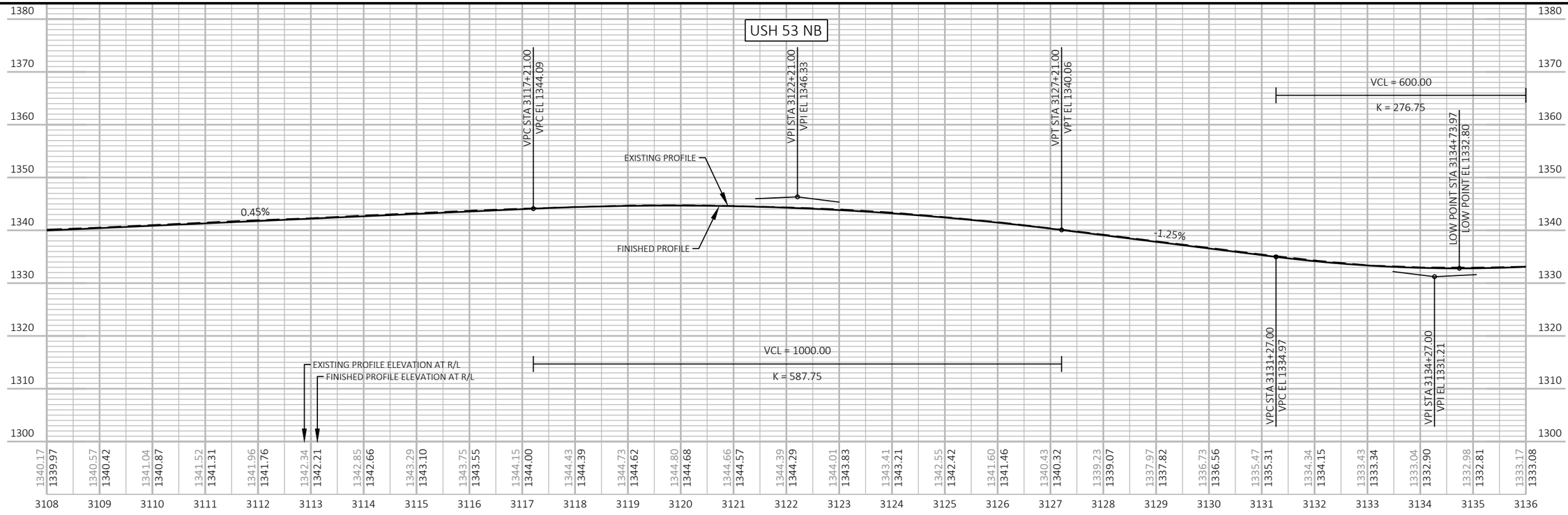
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 205	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 29

PLOT DATE : 2/2/2023 1:15 PM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 206	E

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

N

SCOTT T WEAVER

DONNA M GAGNER
KEVIN C GAGNER

WAYNE DESRUDE
SHARON L DESRUDE

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
D	6152+80.09	RT	END EOP TAPER
E	6152+92.59	RT	SHOULDER PAVEMENT STRUCTURE CHANGE

STAGE 4
STA 6148+93, RT
EXISTING INLET TO REMAIN

STA 6148+94, LT & RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 6148+94 - STA 6149+44, LT
DITCH CLEANING

WISCONSIN DOT

STAGE 4
STA 6163+35, LT & RT
EXISTING 30" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D, LT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

5

5

ASTREA (COMMUNICATION)

BRIGHTSPEED (COMMUNICATION)

WDNR LAND USE AGREEMENT

WILD RIVERS STATE TRAIL

WDNR LAND USE AGREEMENT

WISCONSIN DNR

EX R/W

EX R/W

6135 6140 6145 USH 53 SB 6150 6155 6160 6165

3135 3140 3145 USH 53 NB 3150 3155 3160 3165

BP: 80+00.00

D E

A B C

EX R/W

EUGENE D SIGMUND
LUANNE F SIGMUND

BARRON ELECTRIC (ELECTRIC)

END CONSTRUCTION
STA 81+75

EUGENE D SIGMUND
LUANNE F SIGMUND

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
A	3144+98.78	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
B	3145+48.78	RT	END EOP TAPER
C	3146+23.78	RT	BEGIN EOP TAPER

EUGENE D SIGMUND
LUANNE F SIGMUND

UNNAMED
OPEN WATER

DUCK POND RD

EX R/W

85'

EX R/W

EP: 86+00.00

CP #533
Y = 514,922.35
X = 764,283.89
ELEV = 1331.75
FENO 100 W/ALUMINUM CAP SET

MARGARETA BULIK

EX R/W

STAGE 5
STA 3149+75, LT
REMOVE 1-18" CMCP

ALLIED WASTE INDUSTRIES INC

ALLIED WASTE INDUSTRIES INC

ALLIED WASTE INDUSTRIES INC

PAUL A HOEPNER
SUSAN HOEPNER

STAGE 2
STA 3163+50, LT
EXISTING INLET TO REMAIN

STA 3163+50, LT & RT
EXISTING 30" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

SCHMITZ EXCAVATION

T 37 N
13
24
R 13 W

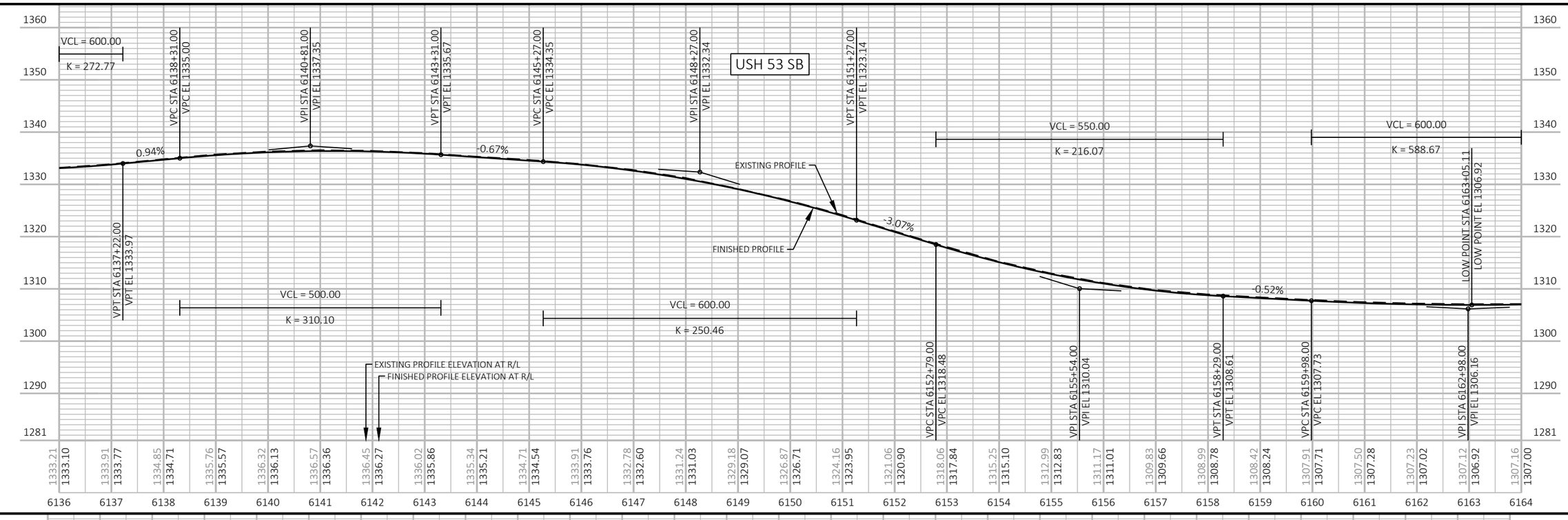
DO NOT DISTURB

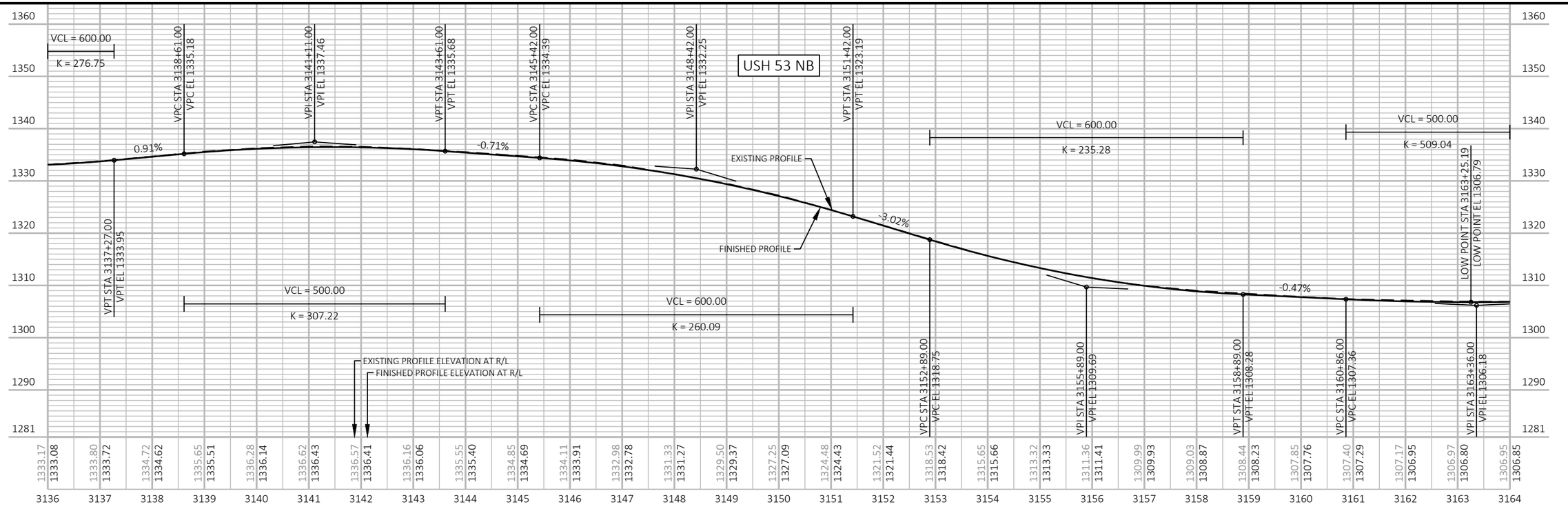
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 207	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 31

PLOT DATE : 2/2/2023 1:15 PM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 208	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 32
PLOT DATE : 2/2/2023 1:16 PM
PLOT BY : LINDSEY CHANNEL
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
D	6191+16.01	LT	END EOP TAPER
E	6191+66.01	LT	SHOULDER PAVEMENT STRUCTURE CHANGE

N

PINE GROVE RD

BP: 90+00.00

EX R/W

EX R/W

DONNA M GAGNER
KEVIN C GAGNER

RAYMOND L SHIMEK

JOANN STECKELBERG
IVAN STECKELBERG

LILLIAN R ZAHS
LORI A GOHDE

RICKI A BLAESER
ALAN A BLAESER

STAGE 4
STA 6188+43, LT
EXISTING INLET TO REMAIN

STA 6188+25, LT
EXISTING 24" SSPRC TO REMAIN

BRIGHTSPEED
(COMMUNICATION)

BRIGHTSPEED
(COMMUNICATION)

ASTREA
(COMMUNICATION)

BEGIN CONSTRUCTION
STA 95+93

WILD RIVERS STATE TRAIL

WDNR LAND USE AGREEMENT

WDNR LAND USE AGREEMENT

WISCONSIN DNR

WISCONSIN DNR

EX R/W

EX R/W

55

5

5

6165 6170 6175 6180 USH 53 SB 6185 6190

3165 3170 3175 3180 USH 53 NB 3185 3190

EP: 97+00.00

BASE AGG PE

BASE AGG PE

BASE AGG PE

EX R/W

BARRON ELECTRIC
(ELECTRIC)

BARRON ELECTRIC
(ELECTRIC)

BRIGHTSPEED
(COMMUNICATION)

EX R/W

STAGE 5
STA 3166+89, LT
REMOVE 1-18" CMCP
1-18" CPRC CLASS IV REQ'D
2-AEW (10:1) REQ'D

STA 3166+92, LT
SEE CONSTRUCTION DETAIL OF
MEDIAN OPENINGS AT DRIVEWAYS

SCHMITZ EXCAVATION

ANTHONY D LINDAU
TAMMY M LINDAU

RICKI A BLAESER
ALAN A BLAESER

STA 3174+29, LT
SEE CONSTRUCTION DETAIL OF
MEDIAN OPENINGS AT DRIVEWAYS

STAGE 5
STA 3177+78, LT
REMOVE 1-18" CMCP
1-18" CPRC CLASS IV REQ'D
2-AEW (10:1) REQ'D

STA 3177+79, LT
SEE CONSTRUCTION DETAIL OF
MEDIAN OPENINGS AT DRIVEWAYS

LORI A GOHDE

VERJEAN BURDEN

UNNAMED
OPEN WATER

LORI A GOHDE
LONNY L GOHDE

STAGE 2
STA 3188+29, RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D, RT
MARKERS FOR CULVERT END REQ'D

STAGE 5
STA 3188+29, LT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVING STORM SEWER 24-INCH
SSPRC CLASS III 24-INCH CONNECTIONS REQ'D
2-CONCRETE COLLAR REQ'D

STAGE 5
STA 3188+29 3189+22, LT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVING STORM SEWER 24-INCH
SSPRC CLASS III 24-INCH REQ'D

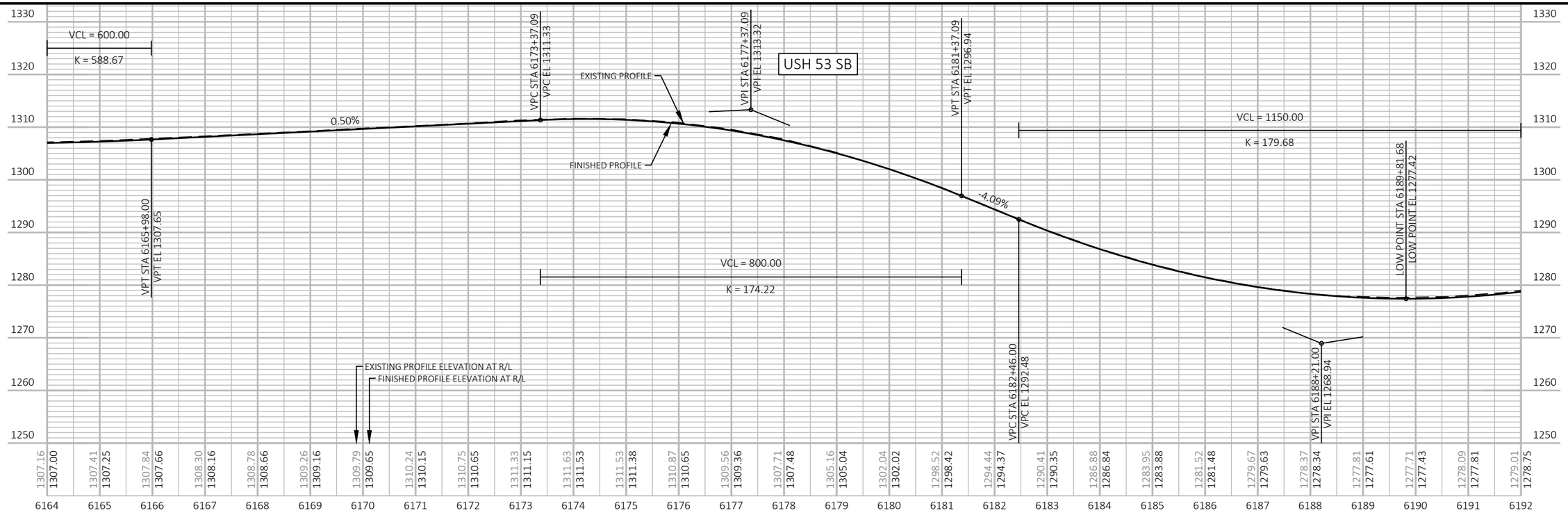
JEFFREY W OLESON
SUSAN M OLESON

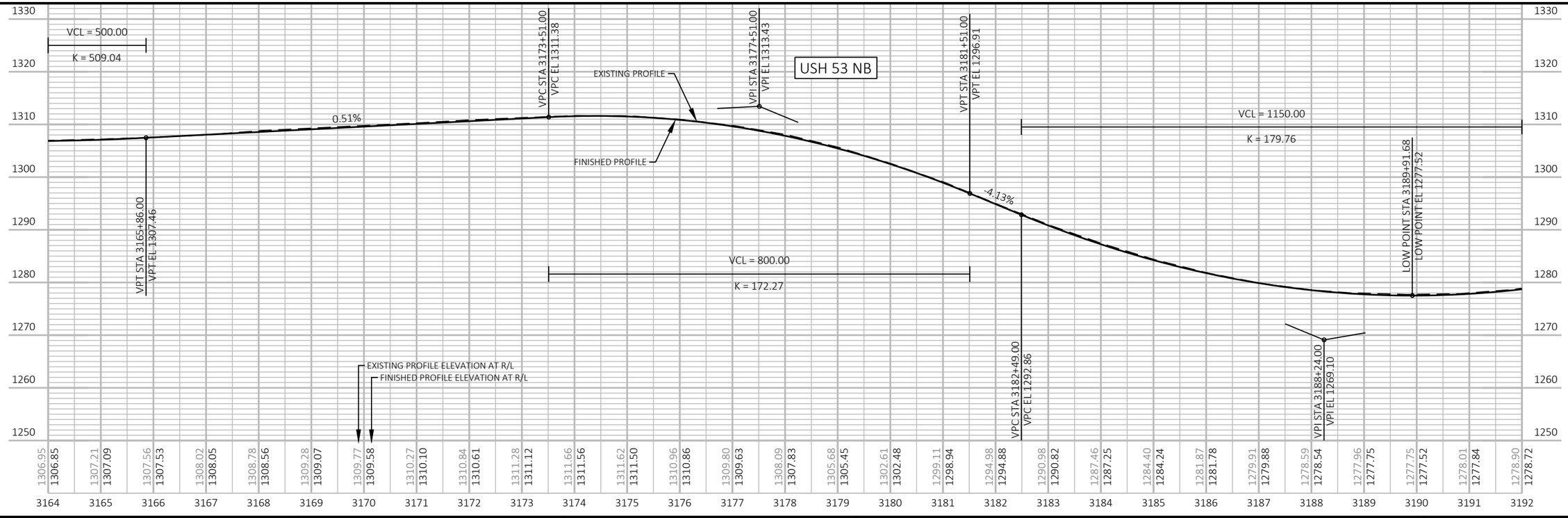
STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
A	3185+23.01	LT	SHOULDER PAVEMENT STRUCTURE CHANGE
B	3185+35.51	LT	END EOP TAPER
C	3186+73.01	LT	BEGIN EOP TAPER

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 209	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 33

PLOT DATE : 2/2/2023 1:16 PM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:200 FT





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 210	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 34

PLOT DATE : 2/2/2023 1:16 PM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

EXISTING TEMPORARY CROSSOVER (CONSTRUCTED PREVIOUSLY BY OTHERS) TO BE REMOVED

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
C	6220+20.94	LT	BEGIN EOP TAPER
D	6220+95.94	LT	END EOP TAPER
E	6221+45.94	LT	SHOULDER PAVEMENT STRUCTURE CHANGE

N

T 37 N
R 12 W
11 12
14 13

DO NOT DISTURB

UNNAMED OPEN WATER

LORI A GOHDE
LILLIAN R ZAHS

STAGE 4
STA 6200+97, RT
EXISTING INLET TO REMAIN

STA 6200+95, LT & RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CULVERT PIPE REQ'D LT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 6200+45 - STA 6200+95, LT
DITCH CLEANING

RANDY ZIMMERMAN
JANET M ZIMMERMAN

STAGE 4
STA 6208+95, LT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CULVERT PIPE REQ'D, LT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

ZIMMERMAN RD
EX R/W
EX R/W

BP: 100+00.00

ASTREA (COMMUNICATION)
BRIGHTSPEED (COMMUNICATION)
BRIGHTSPEED (COMMUNICATION)
BEGIN CONSTRUCTION STA 102+31

WISCONSIN DNR
WILD RIVERS STATE TRAIL
WISCONSIN DNR

WDNR LAND USE AGREEMENT
WDNR LAND USE AGREEMENT
WDNR LAND USE AGREEMENT

EX R/W
EX R/W

6195 6200 6205 USH 53 SB 6210 6215 6220

3195 3200 3205 USH 53 NB 3210 3215 3220

EP: 104+00.00

BASE AGG PE
BASE AGG FE

NGS

EX R/W

CP #532
Y = 519,467.12
X = 763,379.18
ELEV = 1288.33
FENO 100 W/ALUMINUM CAP SET

BARRON ELECTRIC (ELECTRIC)

BRIGHTSPEED (COMMUNICATION)

CP #503
Y = 521,267.99
X = 763,035.56
ELEV = 1296.13
NGS 7Q13 BRASS CAP
(DO NOT DISTURB)

BARRON ELECTRIC (ELECTRIC)

STAGE 2
STA 3209+12, LT
EXISTING INLET TO REMAIN

STA 3209+12, LT & RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CULVERT PIPE REQ'D, RT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 5
STA 3217+50, LT
1-18" CPRC CLASS IV REQ'D
2-AEW (10:1) REQ'D

STA 3200+71, LT
SEE CONSTRUCTION DETAIL OF
MEDIAN OPENINGS AT DRIVEWAYS

JEFFREY W OLESON
SUSAN M OLESON

JOHN SINGLE

HOLLY A MEYERS
JASON M MEYERS

SCOTT ALAN RANDALL
REBECCA A RANDALL

WEST AG LLC

STATION & OFFSET TABLE (TURN LANES)			
POINT	STATION	OFFSET	REMARKS
A	3214+49.09	LT	SHOULDER PAVEMENT STRUCTURE CHANGE
B	3214+61.59	LT	END EOP TAPER

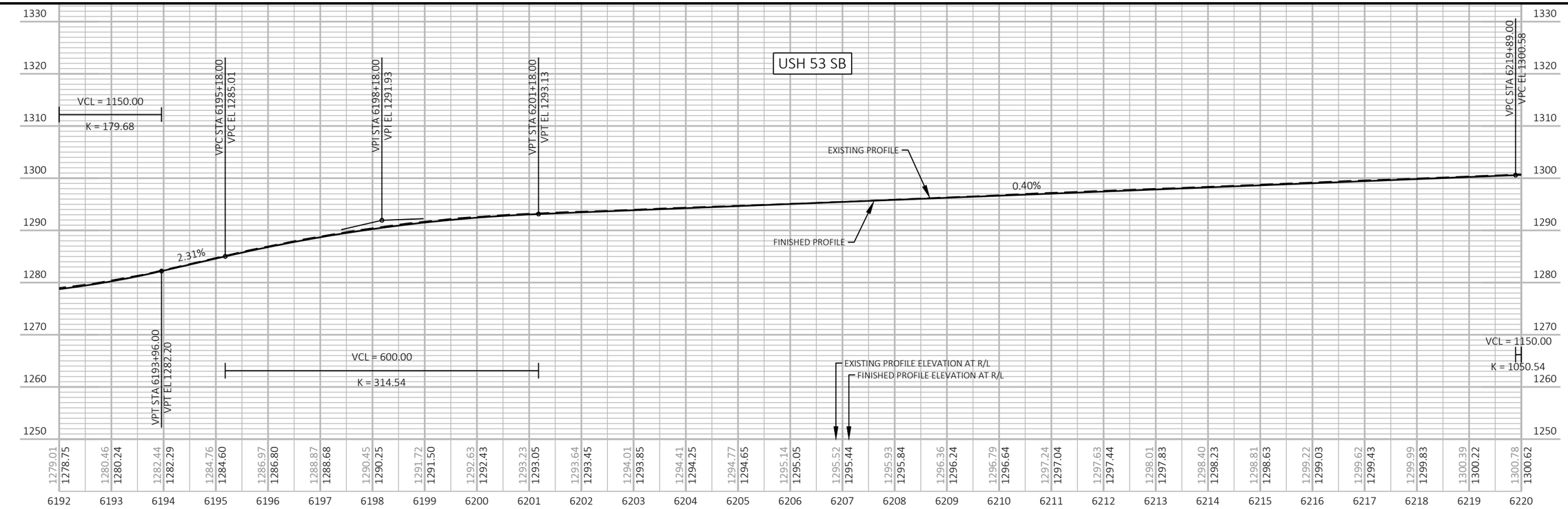
UNNAMED OPEN WATER

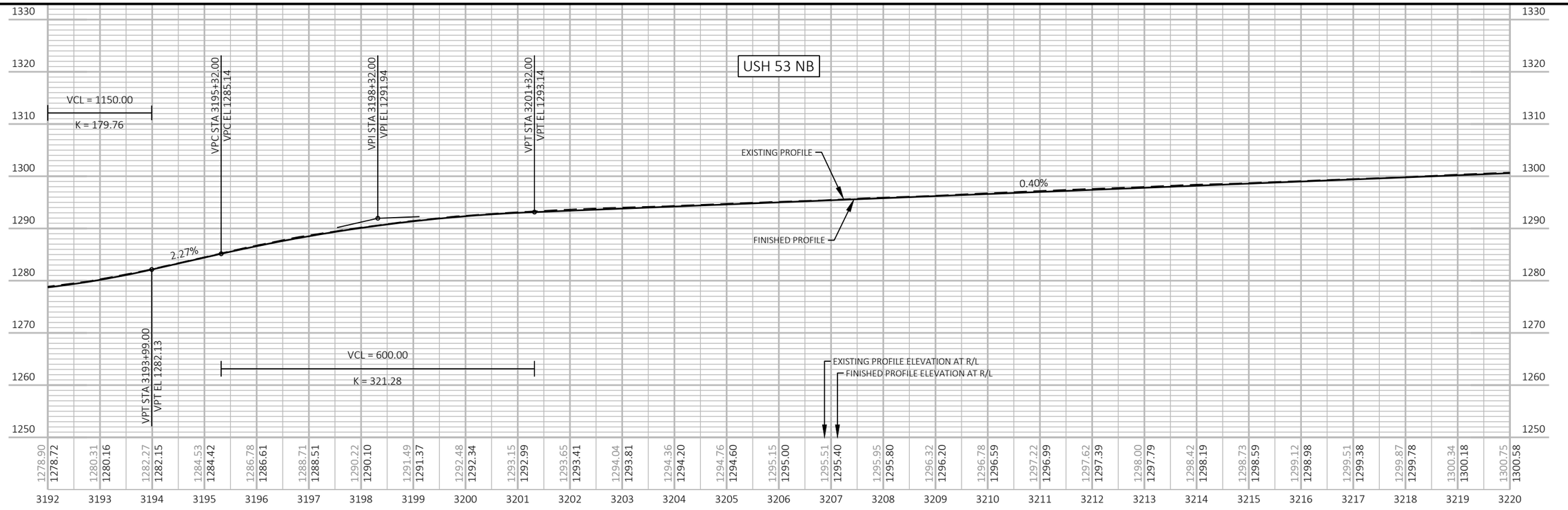
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 211	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 35

PLOT DATE : 2/2/2023 1:17 PM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 212	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 36

PLOT DATE : 2/2/2023 1:17 PM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

EXISTING TEMPORARY CROSSOVER (CONSTRUCTED PREVIOUSLY BY OTHERS) TO BE REMOVED

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

N

T 37 N
R 12 W
11 12
12

DO NOT DISTURB

ROGER L FURCHTENICHT

RUSSELL R FURCHTENICHT

RUSSEL FURCHTENICHT

ROGER L FURCHTENICHT

WISCONSIN DNR

WDNR LAND USE AGREEMENT

ASTREA (COMMUNICATION)

BRIGHTSPEED (COMMUNICATION)

END CONSTRUCTION
PROJECT 1198-10-77
STA 6230+00
MATCH EXISTING
SAWCUT REQ'D

END CONSTRUCTION
SHOULDER REPLACEMENT
PROJECT 1198-10-77
STA 6234+91
MATCH EXISTING
SAWCUT REQ'D

WILD RIVERS STATE TRAIL

WISCONSIN DNR

EX R/W

6220 6225 N11° 06' 39"W 6230 6235 USH 53 SB 6240 6245 6250

3220 3225 N11° 06' 39"W 3230 3235 USH 53 NB 3240 3245 3250

EX R/W

END PROJECT 1198-10-77
STA 3230+00
MATCH EXISTING
SAWCUT REQ'D

END CONSTRUCTION
SHOULDER REPLACEMENT
STA 3234+91
MATCH EXISTING
SAWCUT REQ'D

CP #531
Y = 523,456.32
X = 762,586.10
ELEV = 1292.60
FENO 100 W/ALUMINUM CAP SET

BASE AGG
PE

BARRON ELECTRIC (ELECTRIC)

POST

EX R/W

STAGE 2/4
STA 3222+12, LT & RT
EXISTING 24" CPRC TO REMAIN
REMOVE EXISTING ENDWALLS, LT & RT
2 - AEW REQ'D
JOINT TIES FOR CULVERT PIPE REQ'D, LT & RT
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

WEST AG LLC

WEST AG LLC

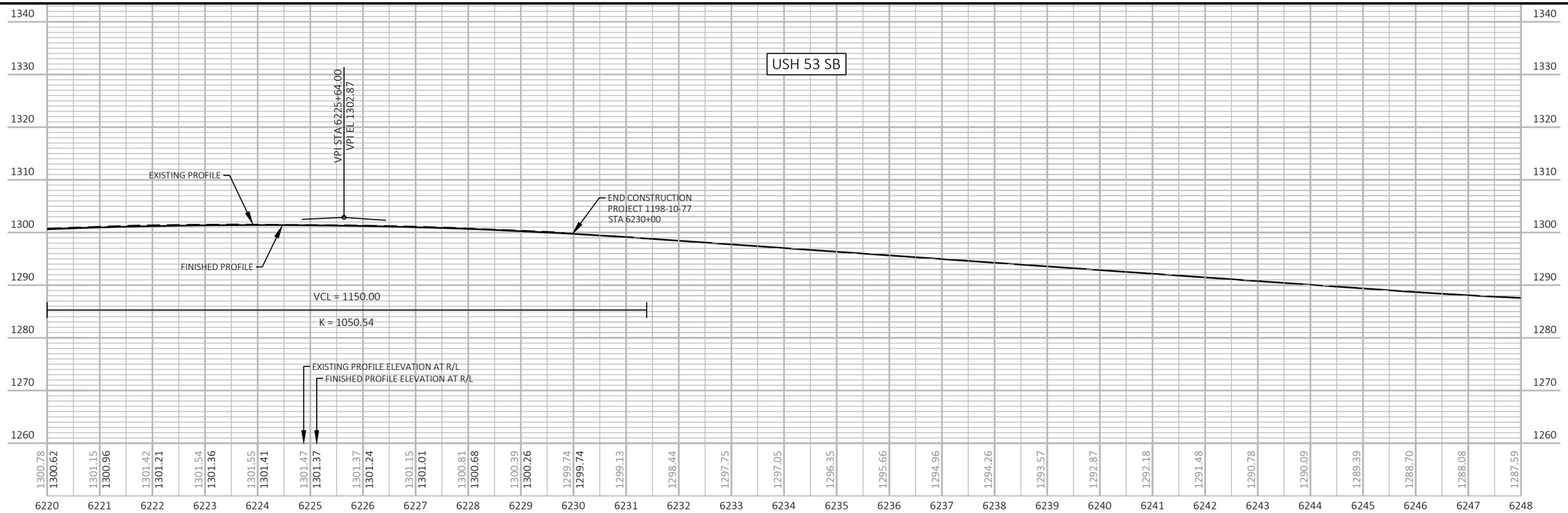
UNNAMED OPEN WATER

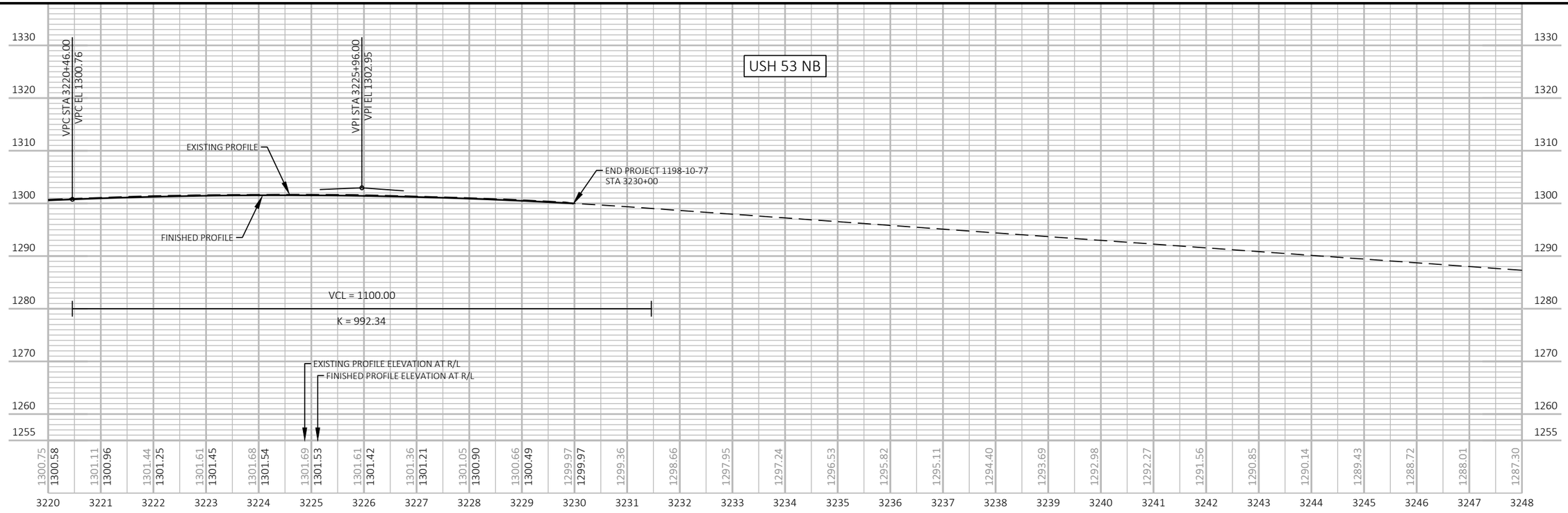
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 213	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 37

PLOT DATE : 2/2/2023 1:17 PM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 214	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 38

PLOT DATE : 2/2/2023 1:17 PM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

EX R/W

EX R/W

ASTREA
(COMMUNICATION)

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

BEGIN CONSTRUCTION
STA 13+17
MATCH EXISTING
SAWCUT REQ'D

USH 53 SB

USH 53 NB

5777+00

2777+00

5776+00

2776+00

26TH AVE

12+00

13+00

14+00

S89° 23' 58"E

15+00

16+00

17+00

26TH AVE

Y = 163462.591
X = 328955.016

STA 14+00.00 =
STA 5776+44.56
Y=163,461.543
X=329,055.011

STA 15+13.63 =
STA 2776+17.99
Y=163,460.352
X=329,168.638

END CONSTRUCTION
STA 15+90
MATCH EXISTING
SAWCUT REQ'D

Y = 163458.399
X = 329355.009

N

LEGEND
DELINEATED WETLAND BOUNDARY
SLOPE INTERCEPT
6" HMA PAVEMENT *

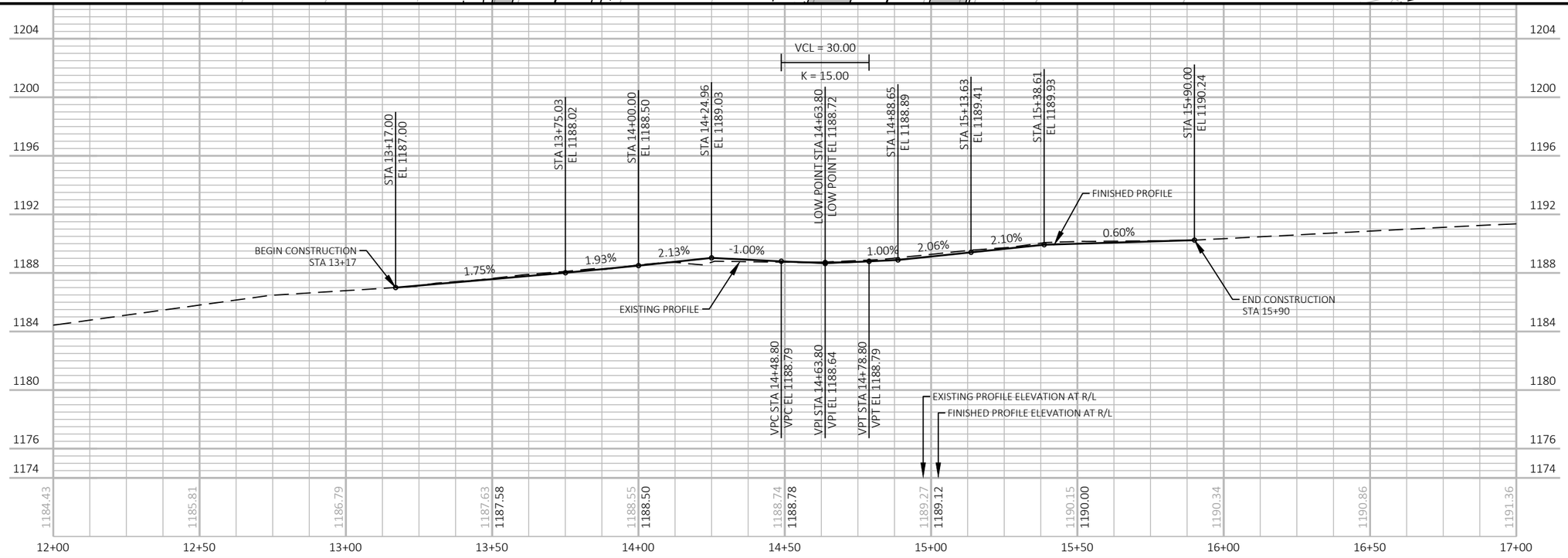
* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

BARRON ELECTRIC
(ELECTRIC)

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

5

5



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PLAN AND PROFILE: 26TH AVE	SHEET 215	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050103-PP.DWG
LAYOUT NAME - 01

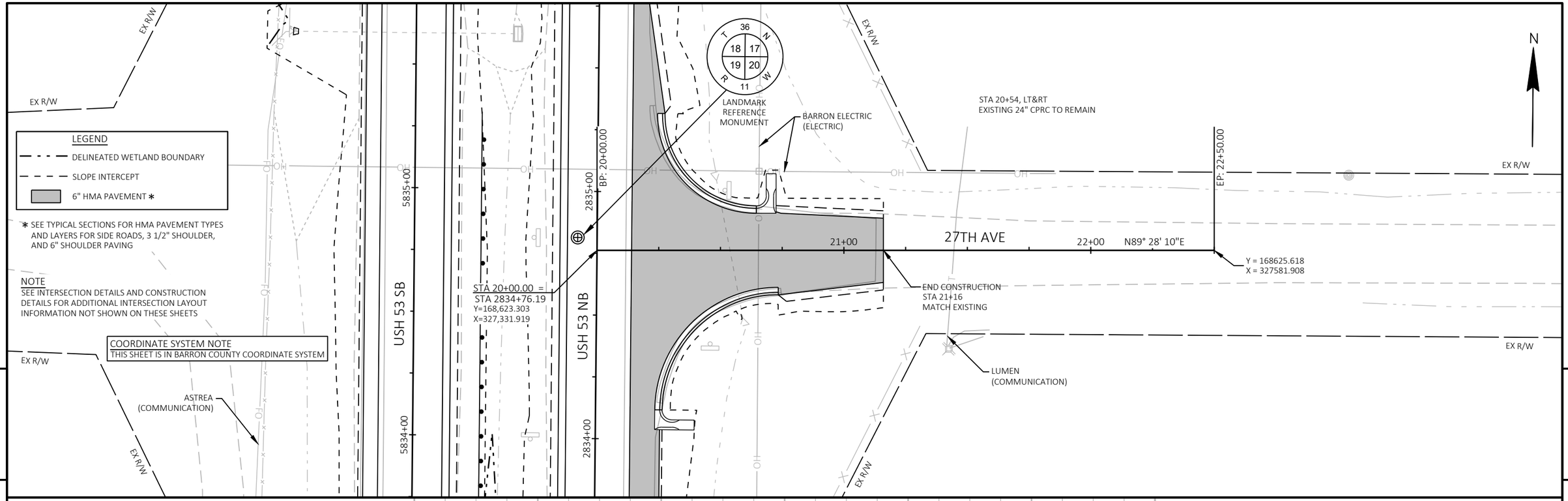
PLOT DATE : 2/2/2023 1:05 PM

PLOT BY : LINDSEY CHANNEL

PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PLAN AND PROFILE: 27TH AVE	SHEET 216	E

LEGEND

DELINEATED WETLAND BOUNDARY

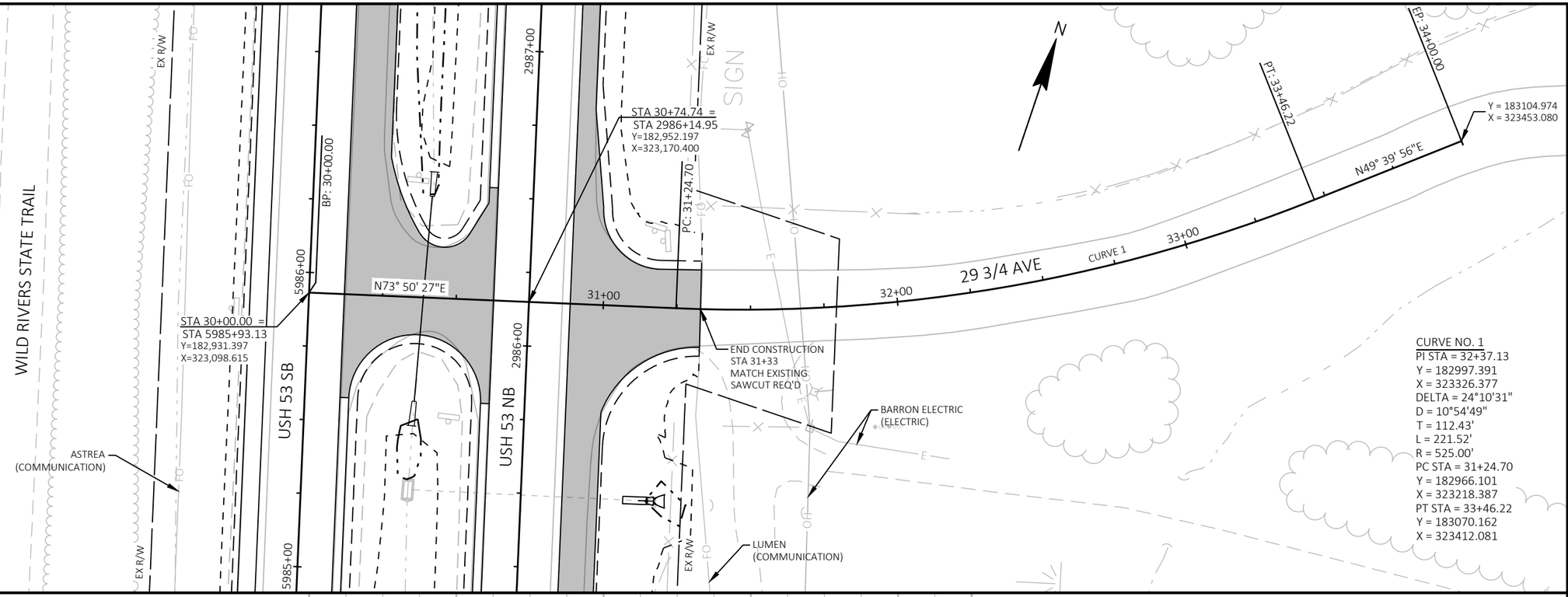
SLOPE INTERCEPT

6" HMA PAVEMENT *

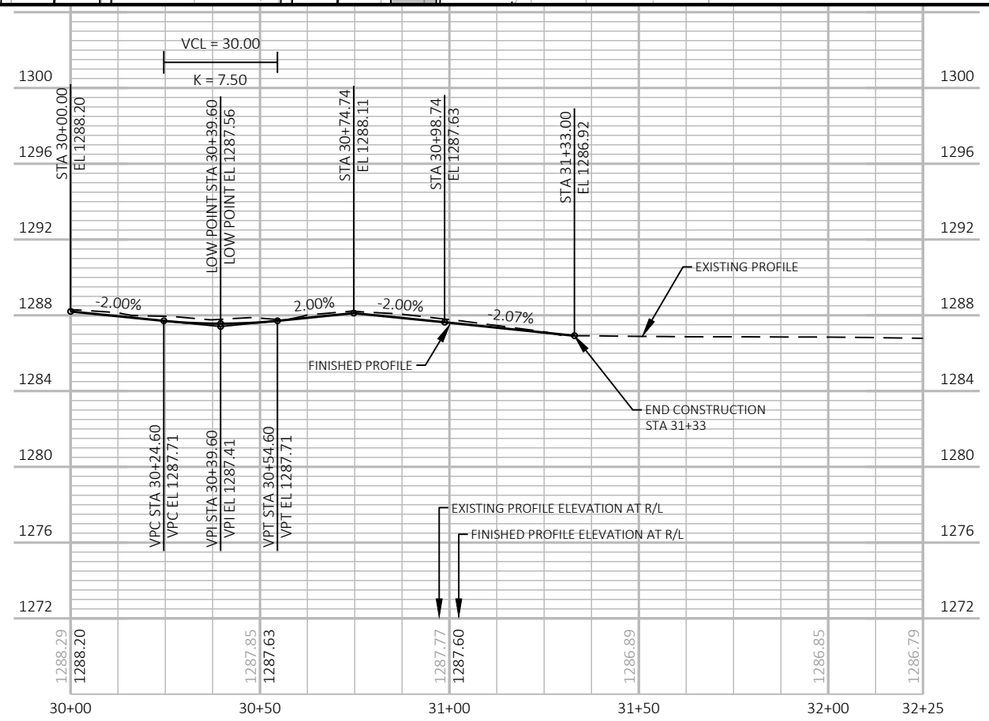
* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM



CURVE NO. 1
PI STA = 32+37.13
Y = 182997.391
X = 323326.377
DELTA = 24°10'31"
D = 10°54'49"
T = 112.43'
L = 221.52'
R = 525.00'
PC STA = 31+24.70
Y = 182966.101
X = 323218.387
PT STA = 33+46.22
Y = 183070.162
X = 323412.081



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PLAN AND PROFILE: 29 3/4 AVE	SHEET 217	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050103-PP.DWG
LAYOUT NAME - 03

PLOT DATE : 2/2/2023 1:06 PM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

N

WILD RIVERS STATE TRAIL

WDNR LAND USE AGREEMENT

EX R/W

HO

Y = 184285.790
X = 322506.346

S89° 50' 06"E

30TH AVE

41+00

42+00

43+00

44+00

BEGIN CONSTRUCTION
STA 41+08
MATCH EXISTING
SAWCUT REQ'D

BP: 40+00.00

STA 42+77.77 =
STA 3000+02.60
Y=184,284.991
X=322,784.107

STA 42+00.00 =
STA 6000+02.62
Y=184,285.201
X=322,706.346

6000+00

3000+00

USH 53 SB

USH 53 NB

WISDOT
(RWIS ELECTRIC)
(APPROXIMATE LOCATION)

WISDOT
(RWIS TOWER)

STA 43+88, LT&RT
EXISTING 2-36" CMCP TO REMAIN

BASE AGG
FE

BARRON ELECTRIC
(ELECTRIC)

EP: 45+00.00

Y = 184284.352
X = 323006.341

WASHBURN COUNTY

BARRON COUNTY

END CONSTRUCTION
STA 43+75
MATCH EXISTING
SAWCUT REQ'D

LUMEN
(COMMUNICATION)

ASTREA
(COMMUNICATION)

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN BARRON COUNTY COORDINATE SYSTEM

5

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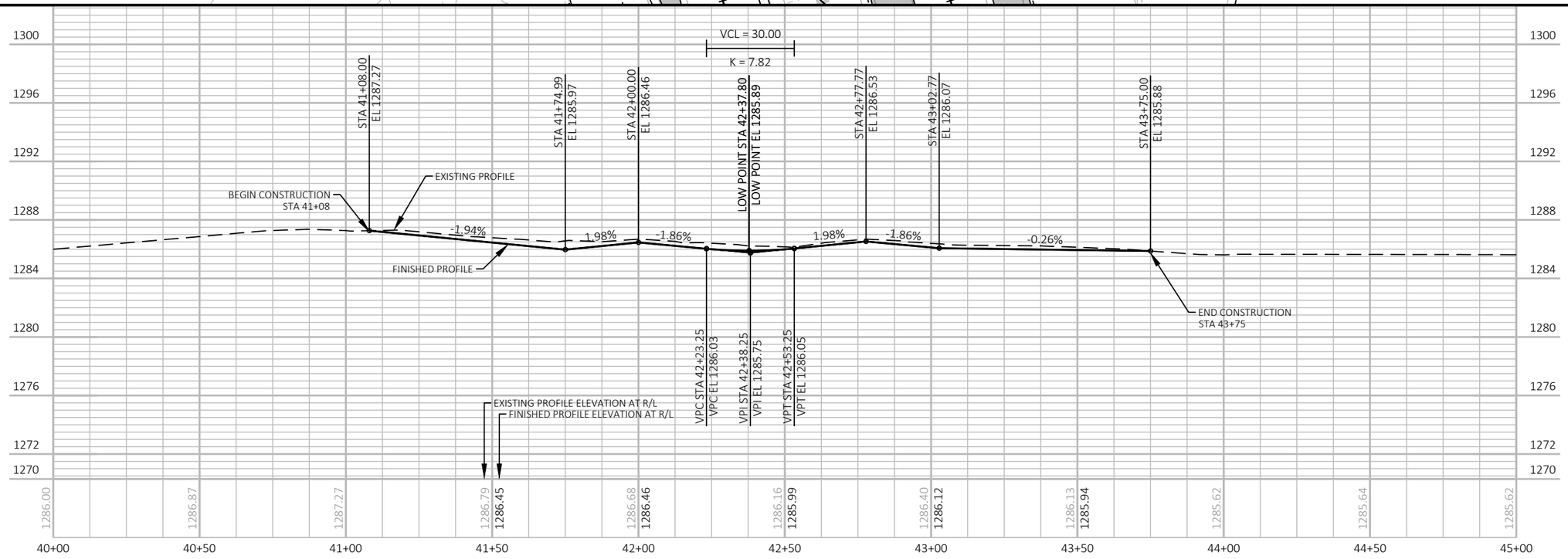


PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PLAN AND PROFILE: 30TH AVE	SHEET 218	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050103-PP.DWG
LAYOUT NAME - 04

PLOT DATE : 2/2/2023 1:06 PM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

WILD RIVERS STATE TRAIL

EX R/W

ASTREA
(COMMUNICATION)

BP: 50+00.00

605+00

305+00

USH 53 SB

USH 53 NB

STA 50+00.00 =
STA 6052+75.43
Y=505,421.287
X=766,579.705

STA 50+79.73 =
STA 3052+68.13
Y=505,413.901
X=766,659.093

51+00

52+00

S84° 41' 03"E

EP: 53+00.00

EX R/W

PIERCE RD

Y = 505393.494
X = 766878.415

END CONSTRUCTION
STA 51+69
MATCH EXISTING
SAWCUT REQ'D

N

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6" HMA PAVEMENT *

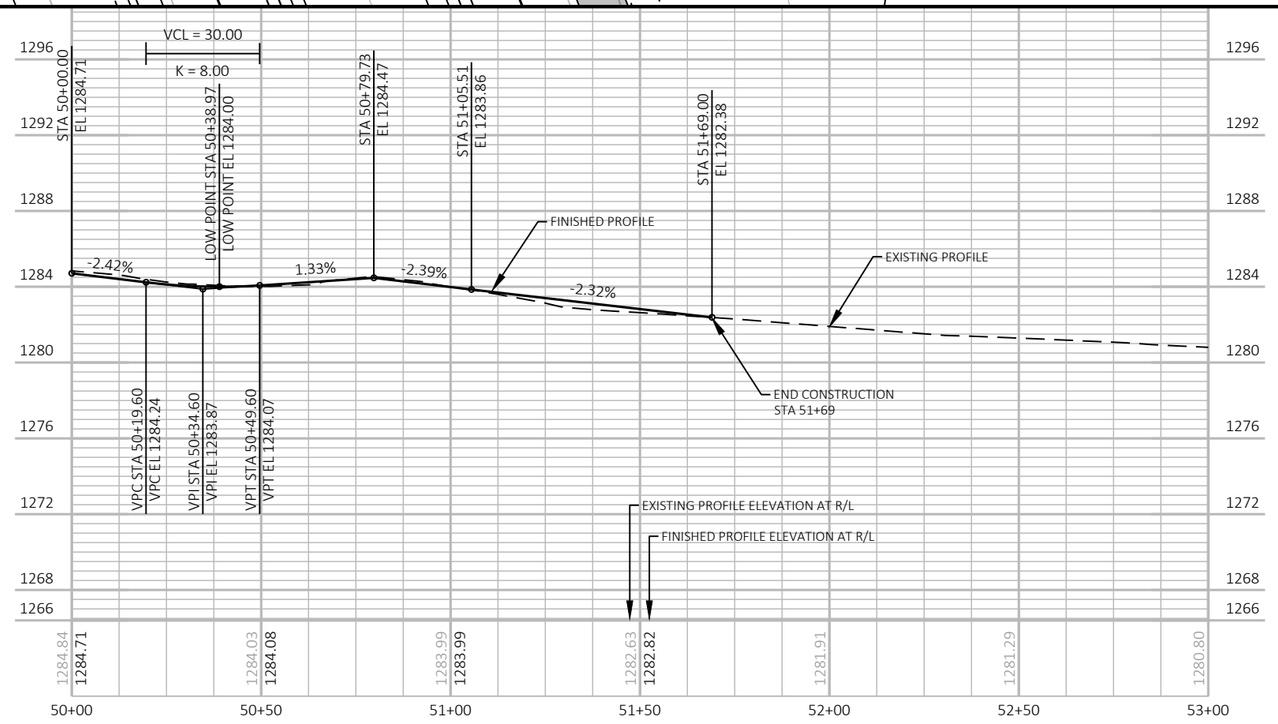
* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

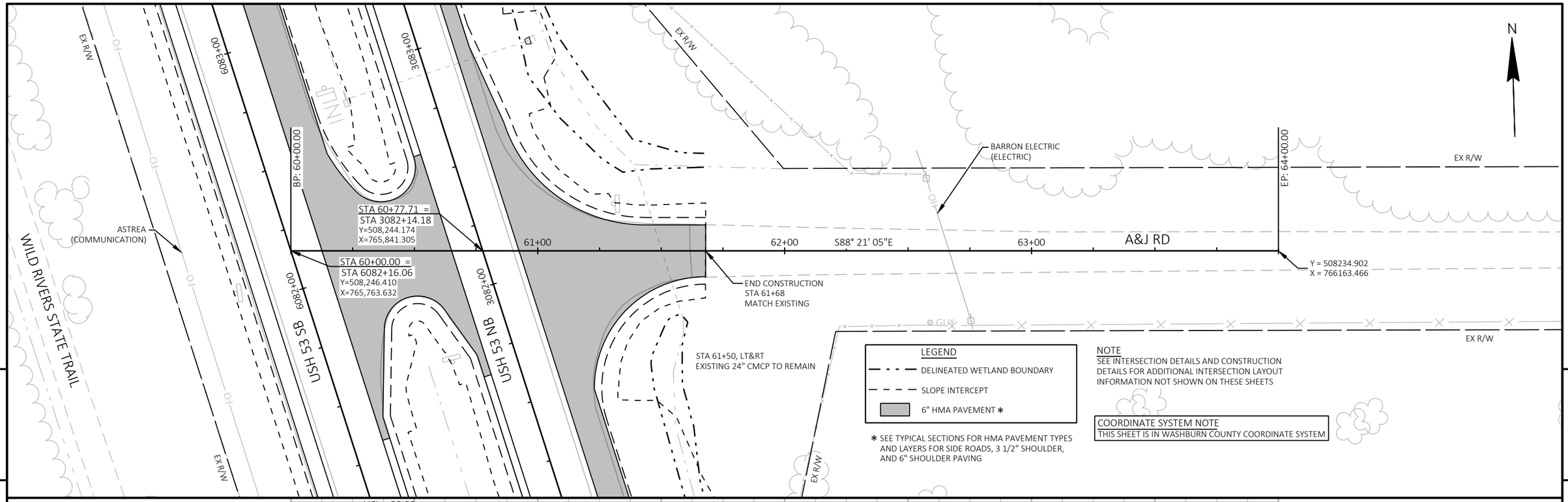
COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

5

5



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: PIERCE RD	SHEET 219	E



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: A&J RD	SHEET 220	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050103-PP.DWG
LAYOUT NAME - 06

PLOT DATE : 2/2/2023 1:07 PM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- 6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

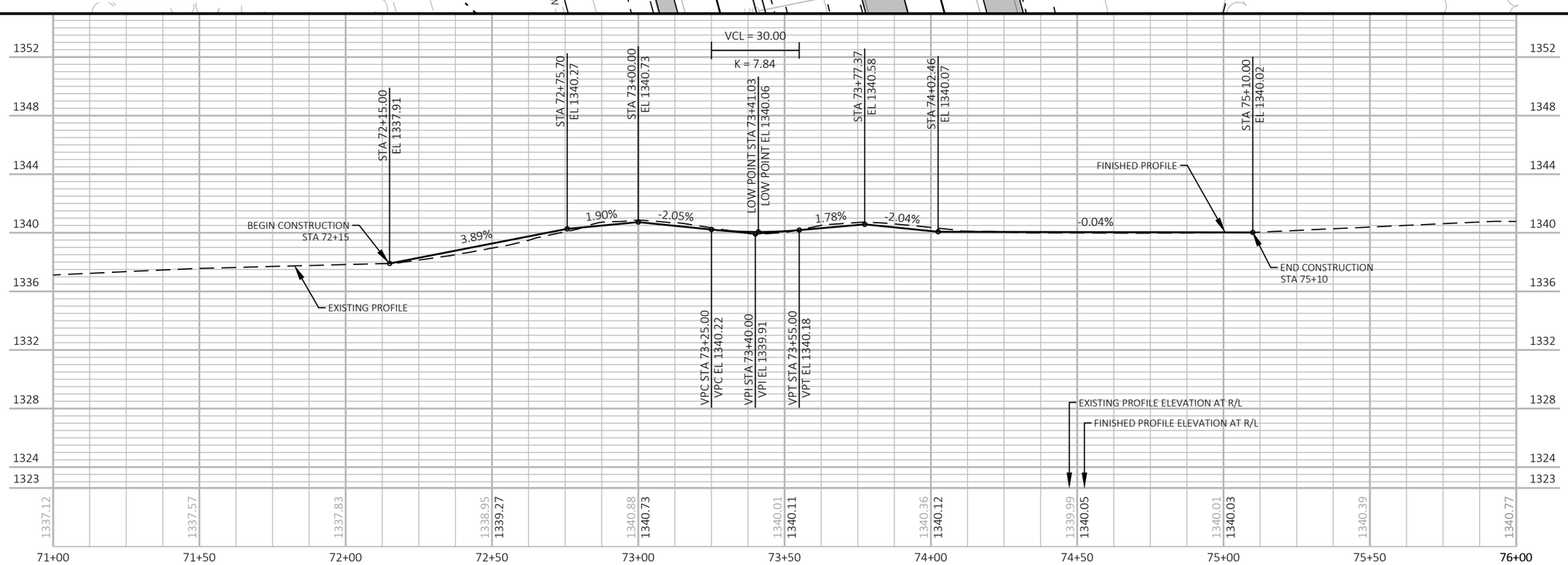
NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

N

WILD RIVERS STATE TRAIL
BRIGHTSPEED (COMMUNICATION)
EX R/W
STA 72+52, LT&RT EXISTING 30" CMCP TO REMAIN
PT: 71+96.83
USH 53 SB
PI: 73+00.00
USH 53 NB
6109+00
3110+00
STA 73+77.37 = STA 3109+36.16
Y=510,859.188
X=765,085.715
END CONSTRUCTION STA 75+10 MATCH EXISTING SAWCUT REQ'D
S82° 55' 03"E
Y = 510850.513
X = 764784.555
71+00
BIG KEGAMA RD
CURVE 2
72+00
N82° 56' 15"E
73+00
74+00
S89° 09' 06"E
75+00
LONG LAKE AVE
76+00
Y = 510855.892
X = 765308.292
BEGIN CONSTRUCTION STA 72+15 MATCH EXISTING SAWCUT REQ'D
STA 73+00.00 = STA 6109+36.91
Y=510,860.333
X=765,008.357
PC: 70+98.08
CURVE NO. 2
PI STA = 71+47.71
Y = 510841.547
X = 764856.722
DELTA = 14°08'42"
D = 14°19'26"
T = 49.63'
L = 98.75'
R = 400.00'
PC STA = 70+98.08
Y = 510847.666
X = 764807.473
PT STA = 71+96.83
Y = 510847.648
X = 764905.973
WDNR LAND USE AGREEMENT
BRIGHTSPEED (COMMUNICATION)
ASTREA (COMMUNICATION)
BARRON ELECTRIC (ELECTRIC)
GUY
BARRON ELECTRIC (ELECTRIC)

5 5



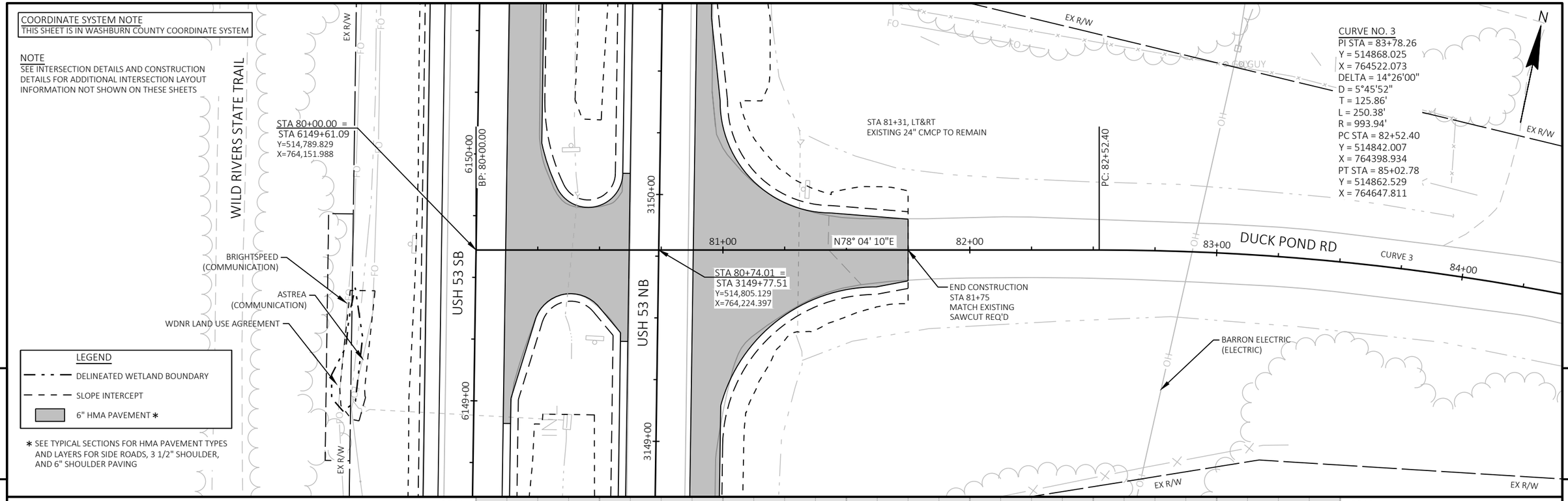
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: BIG KEGAMA RD & LONG LAKE AVE	SHEET 221	E

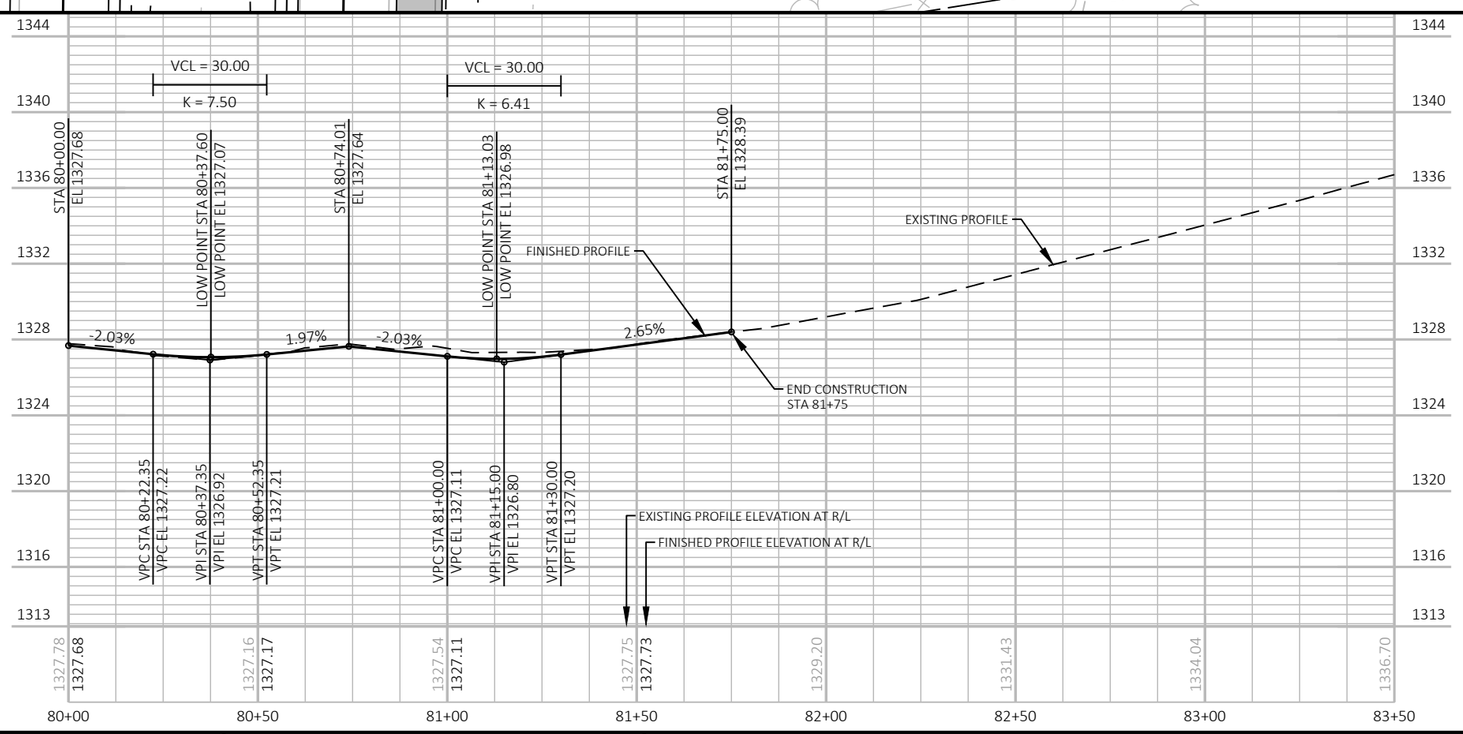
COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

LEGEND
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- 6" HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: DUCK POND RD	SHEET 222	E

LEGEND
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- 6" HMA PAVEMENT *

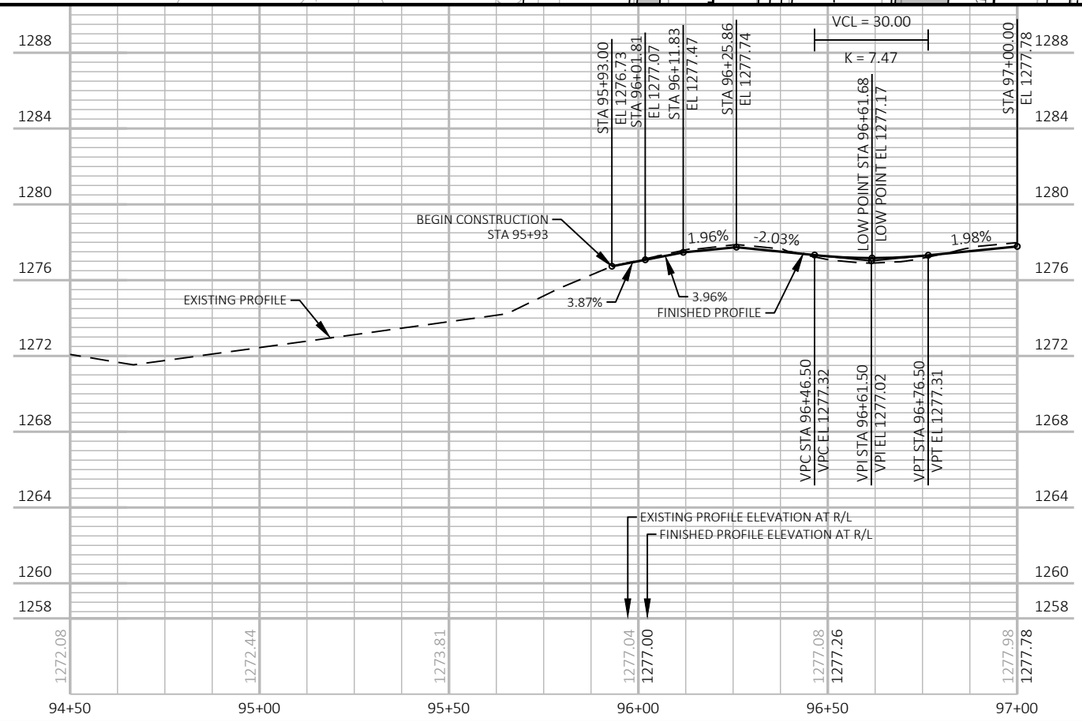
* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

CURVE NO. 4
PI STA = 92+43.05
Y = 518533.023
X = 763026.815
DELTA = 8°24'34"
D = 2°14'57"
T = 187.28'
L = 373.89'
R = 2547.45'
PC STA = 90+55.77
Y = 518459.653
X = 762854.502
PT STA = 94+29.66
Y = 518580.404
X = 763208.005

PINE GROVE RD
N75° 20' 43"E
CURVE 4
PT: 94+29.66
93+00
94+00
95+00
96+00
Y = 518598.199
X = 763276.054
BRIGHTSPEED (COMMUNICATION)
STA 95+25, LT&RT
EXISTING 30" STORM SEWER TO REMAIN
STA 95+76, LT&RT
EXISTING 24" STORM SEWER TO REMAIN
WDNR LAND USE AGREEMENT
STA 95+75, RT
EXISTING INLET TO REMAIN
WDNR LAND USE AGREEMENT
EX R/W
ASTREA (COMMUNICATION)
BRIGHTSPEED (COMMUNICATION)
WILD RIVERS STATE TRAIL
USH 53 SB
USH 53 NB
6189+00
6188+00
3189+00
3188+00
EP: 97+00.00
BEGIN CONSTRUCTION
STA 95+93
MATCH EXISTING
SAWCUT REQ'D
STA 96+25.86 =
STA 6188+74.66
Y=518,630.040
X=763,397.818
STA 97+00.00 =
STA 3188+94.60
Y=518,648.798
X=763,469.548
N



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: PINE GROVE RD	SHEET 223	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050103-PP.DWG
LAYOUT NAME - 09
PLOT DATE : 2/2/2023 1:09 PM
PLOT BY : LINDSEY CHANNEL
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

NOTE
SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS

COORDINATE SYSTEM NOTE
THIS SHEET IS IN WASHBURN COUNTY COORDINATE SYSTEM

EX R/W
BP: 100+00.00
ZIMMERMAN RD
101+00
S88° 50' 40"E
Y = 521443.881
X = 762618.191
102+00
CURVE 5
PC: 101+91.47
PT: 102+61.05
WILD RIVERS STATE TRAIL
EX R/W
GUY
STA 102+79, LT&RT
EXISTING 18" CMCP TO REMAIN
GUY POLE
BRIGHTSPEED (COMMUNICATION)
WDNR LAND USE AGREEMENT
STA 103+25.79 = STA 6217+51.70
Y=521,453.155
X=762,843.394
103+00
N83° 10' 57"E
6218+00
6217+00
USH 53 SB
USH 53 NB
3218+00
3217+00
EP: 104+00.00
STA 104+00.00 = STA 3217+61.50
Y=521,461.964
X=762,917.077
BARRON ELECTRIC (ELECTRIC)
BARRON ELECTRIC (ELECTRIC)
BARRON ELECTRIC (ELECTRIC)
BASE AGG FE
EX R/W
EX R/W
BEGIN CONSTRUCTION
STA 102+31
MATCH EXISTING
SAWCUT REQ'D
ASTREA (COMMUNICATION)
BRIGHTSPEED (COMMUNICATION)
N

CURVE NO. 5
PI STA = 102+26.32
Y = 521441.333
X = 762744.510
DELTA = 7°58'23"
D = 11°27'33"
T = 34.85'
L = 69.58'
R = 500.00'
PC STA = 101+91.47
Y = 521442.036
X = 762709.672
PT STA = 102+61.05
Y = 521445.469
X = 762779.109

LEGEND
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- 6" HMA PAVEMENT *
- EXISTING TEMPORARY CROSSOVER (CONSTRUCTED PREVIOUSLY BY OTHERS) TO BE REMOVED

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER, AND 6" SHOULDER PAVING

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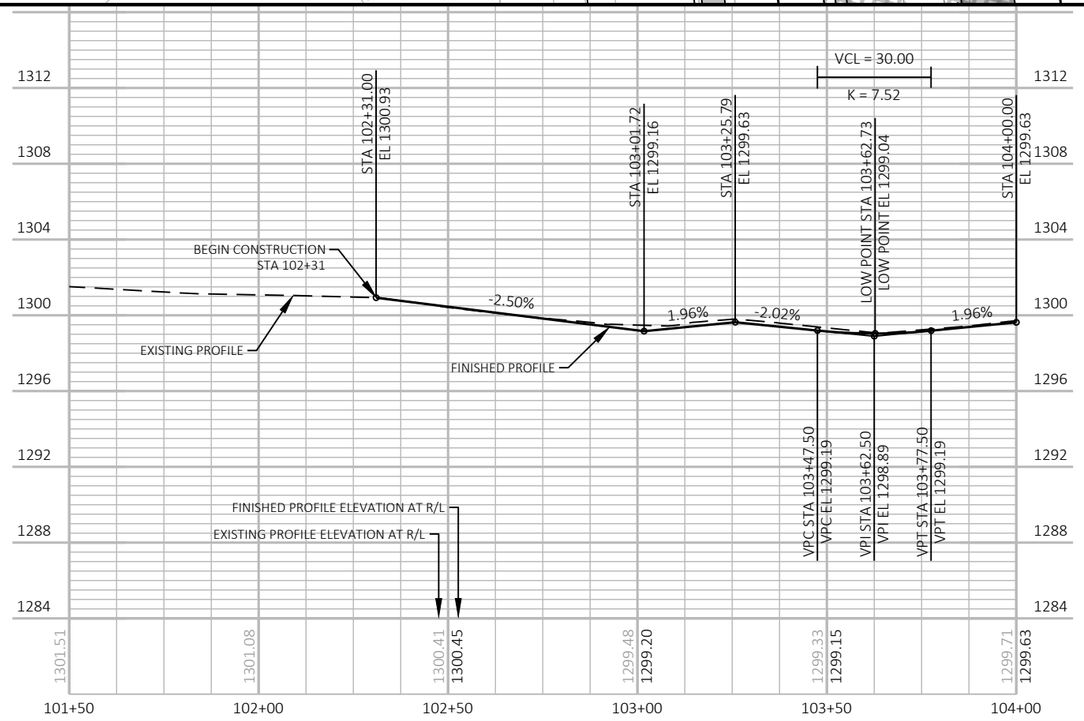


PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: ZIMMERMAN RD	SHEET 224	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\050103-PP.DWG
LAYOUT NAME - 10
PLOT DATE : 2/7/2023 8:37 AM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

Standard Detail Drawing List

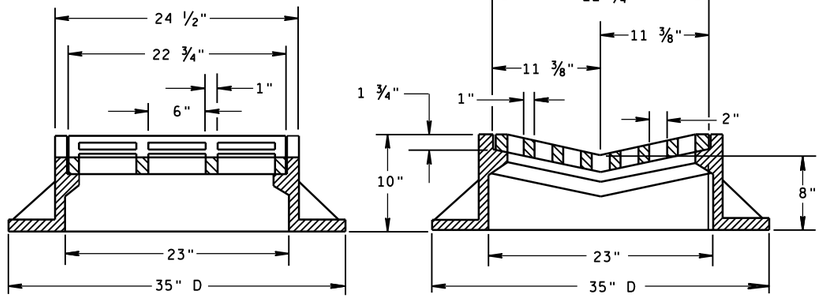
08A05-19B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08C08-02	INLETS MEDIAN 1 AND 2 GRATE
08D01-22A	CONCRETE CURB & GUTTER
08D01-22B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-06	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E14-01	TRACKING PAD
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F02-01	APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
08F07-05	STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED SIDE DRAINS
08F08-02	STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED CROSS DRAINS
09A01-14A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
09A01-14B	AT-GRADE SIDE ROAD INTERSECTION, TYPE "A1" & "A2"
11A01-06	MAINTENANCE CROSSOVER FOR FREEWAYS
13A05-05A	SHOULDER RUMBLE STRIP, MILLING
13A05-05B	SHOULDER RUMBLE STRIP, MILLING
13C01-19	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C09-17A	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-17B	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-17C	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C11-14A	RURAL DOWELED CONCRETE PAVEMENT
13C11-14B	RURAL DOWELED CONCRETE PAVEMENT
14B07-16A	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16B	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16C	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16D	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16E	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16F	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16G	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16H	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16I	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16J	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16K	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16L	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16M	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16N	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B08-02A	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02B	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02C	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02D	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02E	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B28-04A	GUARDRAIL MOW STRIP
14B28-04B	GUARDRAIL MOW STRIP
14B29-01	SAFETY EDGE
14B42-07A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-05A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05E	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05F	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05G	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05H	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05I	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05J	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05K	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05L	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)

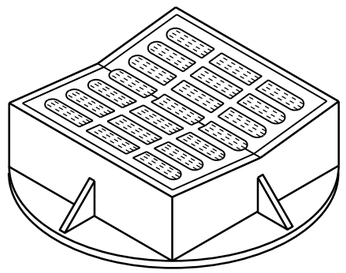
6

Standard Detail Drawing List

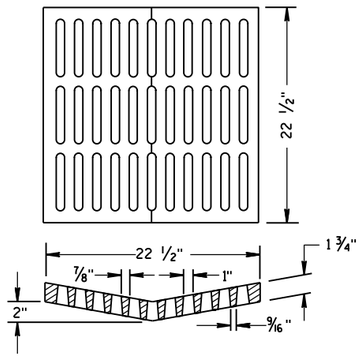
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15A04-07A	FLEXIBLE DELINEATOR POST
15A04-07C	DELINEATOR BRACKET WITH REFLECTIVE SHEETING
15A04-07E	DELINEATOR POST WITH REFLECTIVE SHEETING
15B01-08A	FENCE WOVEN WIRE
15B01-08B	FENCE WOVEN WIRE
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-08B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-22A	LONGITUDINAL MARKING (MAINLINE)
15C08-22C	PAVEMENT MARKING (TURN LANES)
15C08-22D	PAVEMENT MARKING (TURN LANES)
15C11-10A	CHANNELIZING DEVICES FLEXIBLE TUBULAR MARKER POST
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C14-04	AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS
15C19-07C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15D05-05	TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER
15D06-05	TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION
15D07-05	TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER
15D08-08	TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER
15D09-06	TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT
15D10-05	TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER
15D11-08	TRAFFIC CONTROL, SINGLE LANE CROSSOVER
15D12-10B	TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
15D13-02	TEMPORARY EMERGENCY PULLOUTS
15D15-06B	TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-06C	TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-06D	TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
15D21-07A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D21-07B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING
15D40-04B	TRAFFIC CONTROL, FULL LANE SHIFT MULTILANE DIVIDED 50 MPH AND GREATER

6



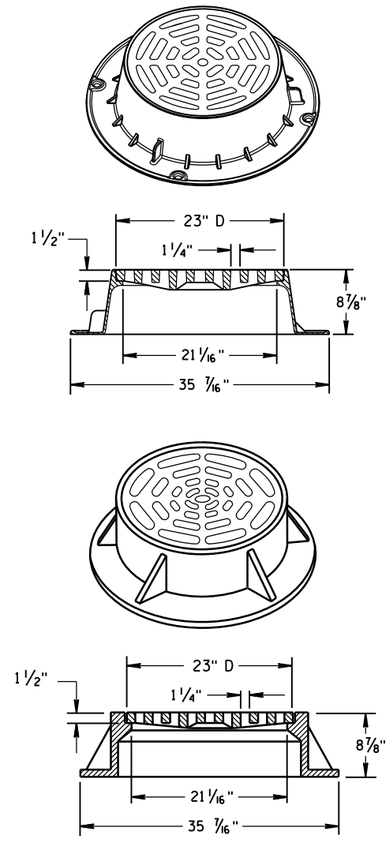


TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS POSSIBLE.
NOTED AS TYPE B-A ON THE DRAINAGE TABLE



TYPE "C"

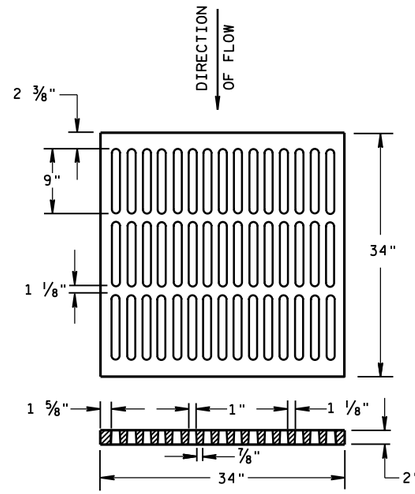
NOTE: EITHER CASTING IS ACCEPTABLE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

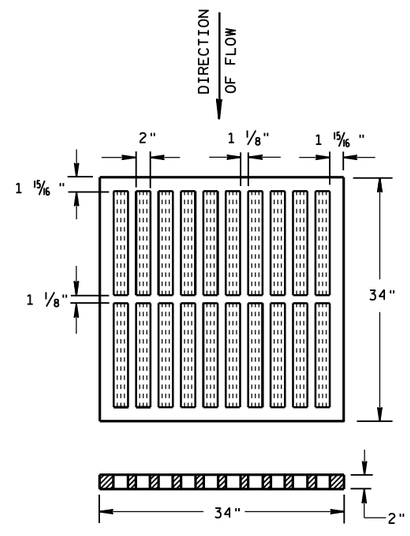
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



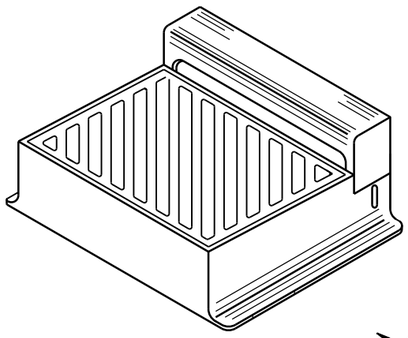
ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE

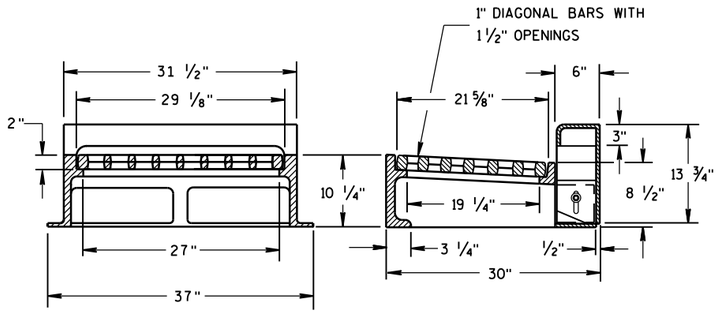


TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS
NOTED AS TYPE MS ON DRAINAGE TABLE



DIAGONAL SLOTS, SHALL BE ORIENTED TO THE DIRECTION OF FLOW AS ILLUSTRATED. GRATES ARE MANUFACTURED TO BE REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

TYPE "WM"

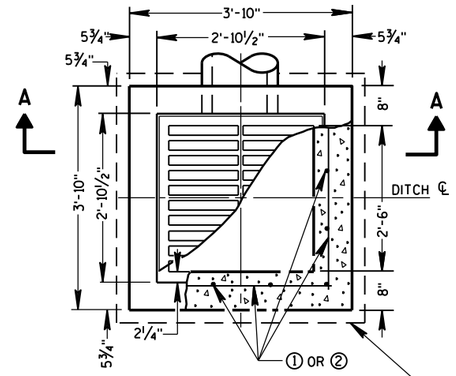
INLET COVERS
TYPE B, B-A, C, MS, MS-A, & WM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

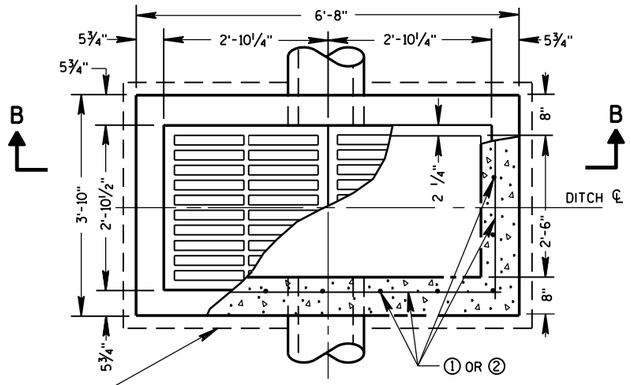
APPROVED
11/27/2013 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 A 5-19b

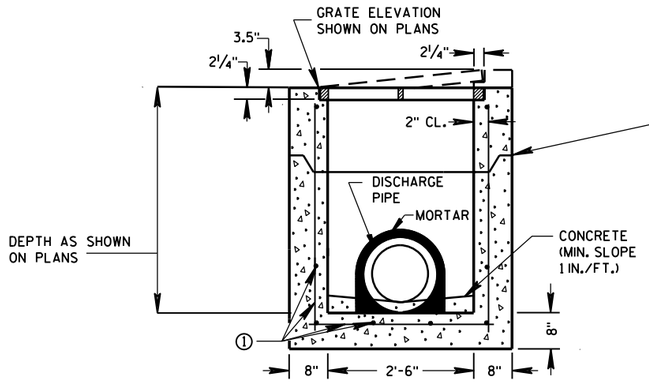


PLAN VIEW

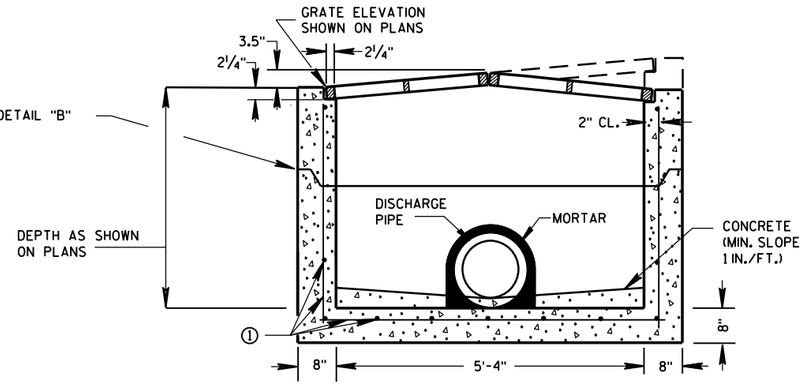


PLAN VIEW

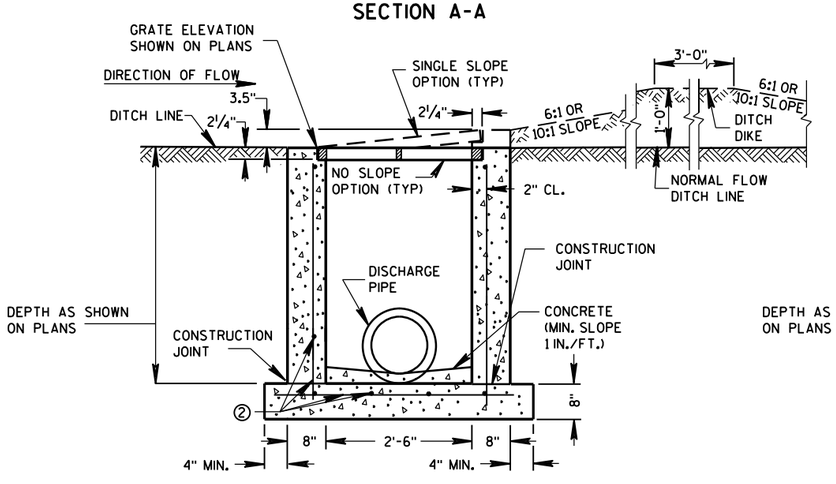
4" OVERHANGING BASE ON REINFORCED CAST-IN-PLACE CONCRETE INLETS



PRECAST REINFORCED CONCRETE SECTION A-A

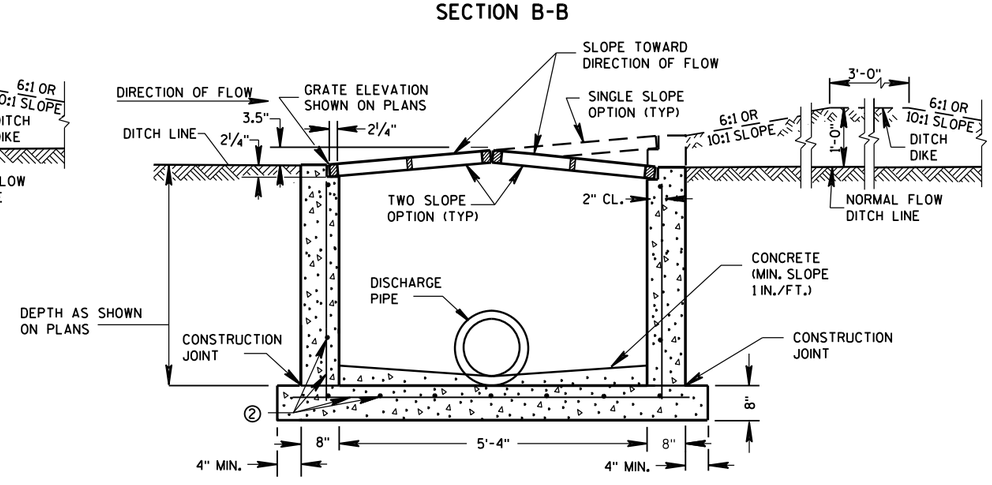


PRECAST REINFORCED CONCRETE SECTION B-B



REINFORCED CAST-IN-PLACE CONCRETE SECTION A-A

INLETS MEDIAN 1 GRATE



REINFORCED CAST-IN-PLACE CONCRETE SECTION B-B

INLETS MEDIAN 2 GRATE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL MEDIAN INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, IG-MS", ETC. THE FIRST NUMBER AND LETTER DESIGNATE THE TYPE OF STRUCTURE, AND THE FOLLOWING LETTERS DESIGNATE THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

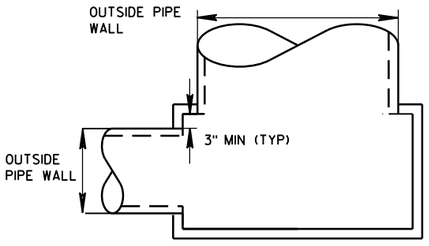
MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

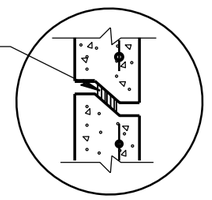
PIPE MATRIX

	MAXIMUM INSIDE PIPE DIAMETER	
INLET SIZE	WIDTH (IN)	LENGTH (IN)
1 GRATE	18	18
2 GRATE	18	42



DETAIL "A"

JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP)



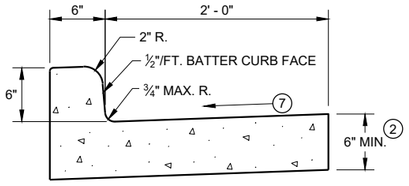
DETAIL "B"

INLETS MEDIAN 1 AND 2 GRATE

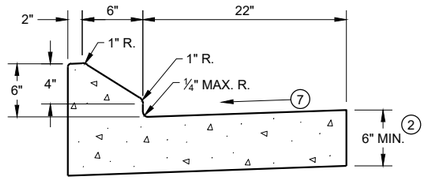
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVI ENT
FHWA

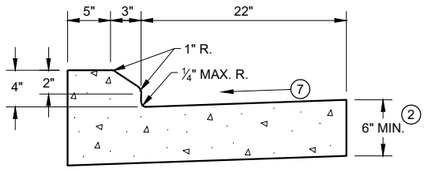
6
S.D.D. 8 C 8-2



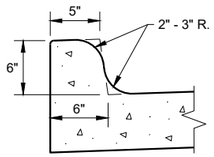
TYPES A (1) & D



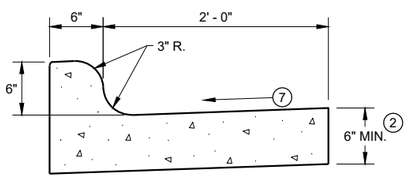
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

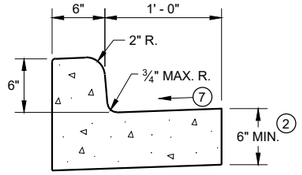


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



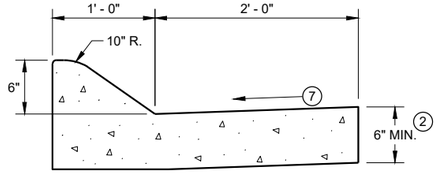
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"



TYPES A (1) & D

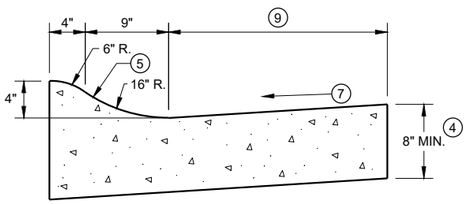
CONCRETE CURB AND GUTTER 18"



6" SLOPED CURB TYPES A (1) & D

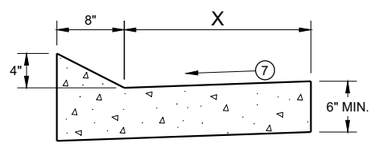
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T

TBT & TBTT	X
30"	22"
36"	28"

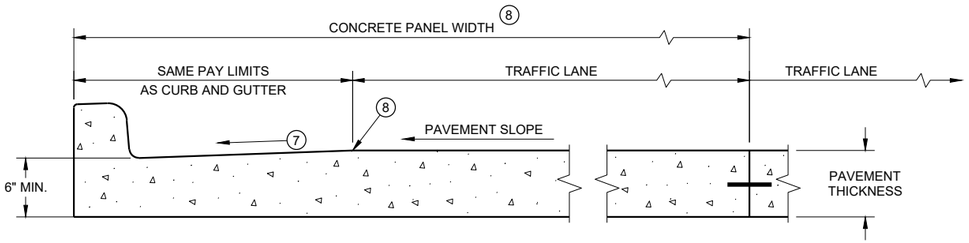


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

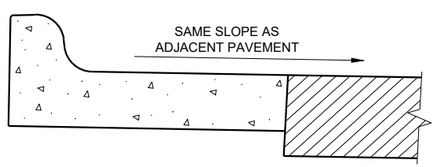
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT *
WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

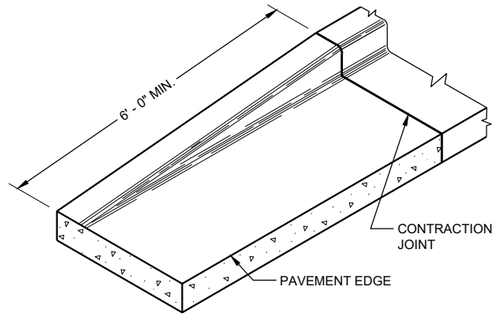
(9) CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE "R" AND "T" = 17 INCHES
CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE "R" AND "T" = 23 INCHES

CONCRETE CURB AND GUTTER

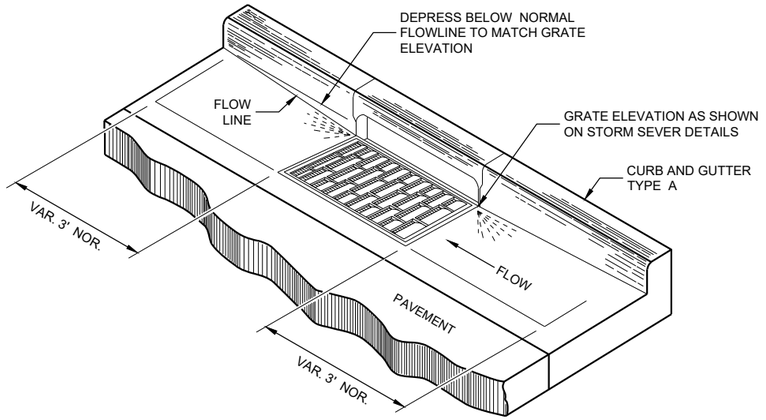
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 08D01 - 22a
SDD 08D01 - 22a



END SECTIONCURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

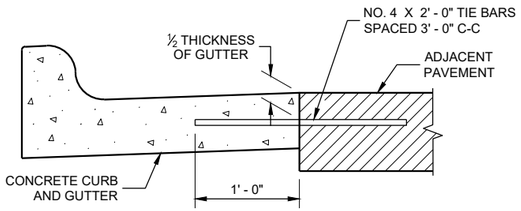
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

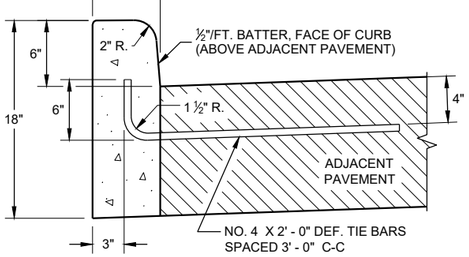
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

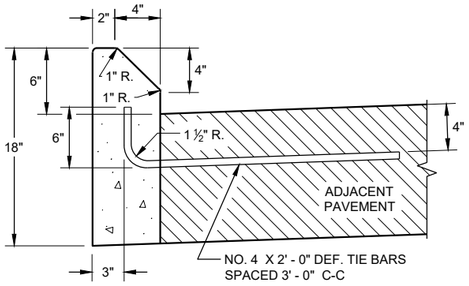
(9) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



TYPICAL TIE BAR LOCATION (1)

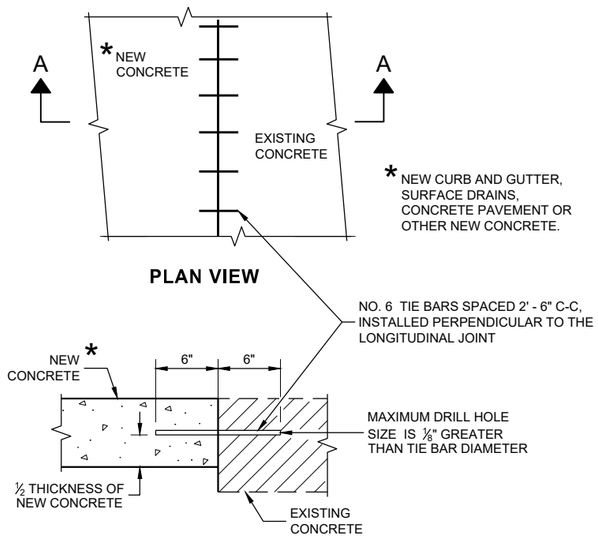


TYPES A (1) & D

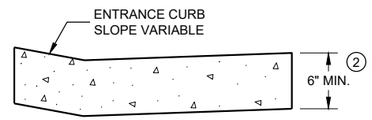


TYPES G (1) & J

CONCRETE CURB



TIE BARS DRILLED INTO EXISTING PAVEMENT



DRIVEWAY ENTRANCE CURB (9)

(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

6

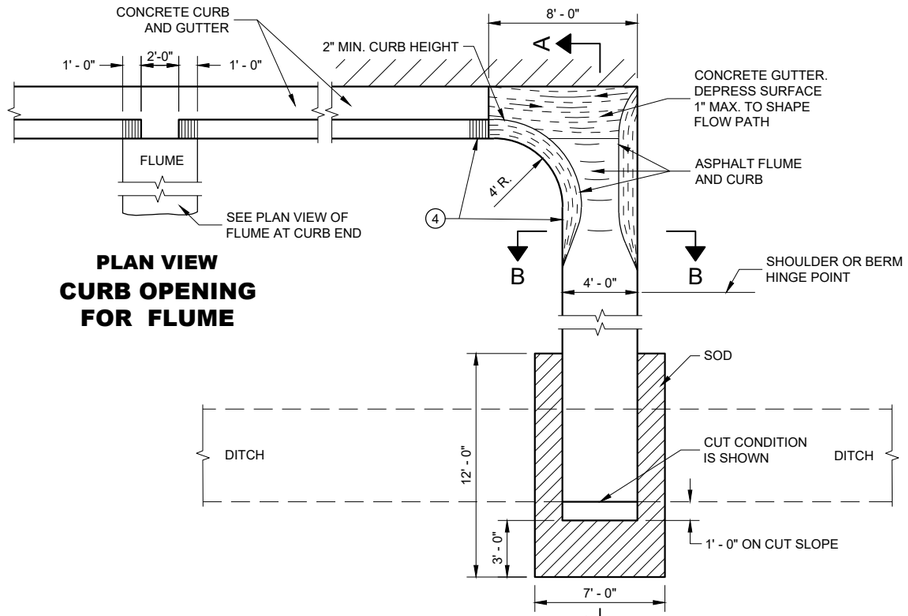
SDD08D01 - 22b

6

SDD08D01 - 22b

NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME

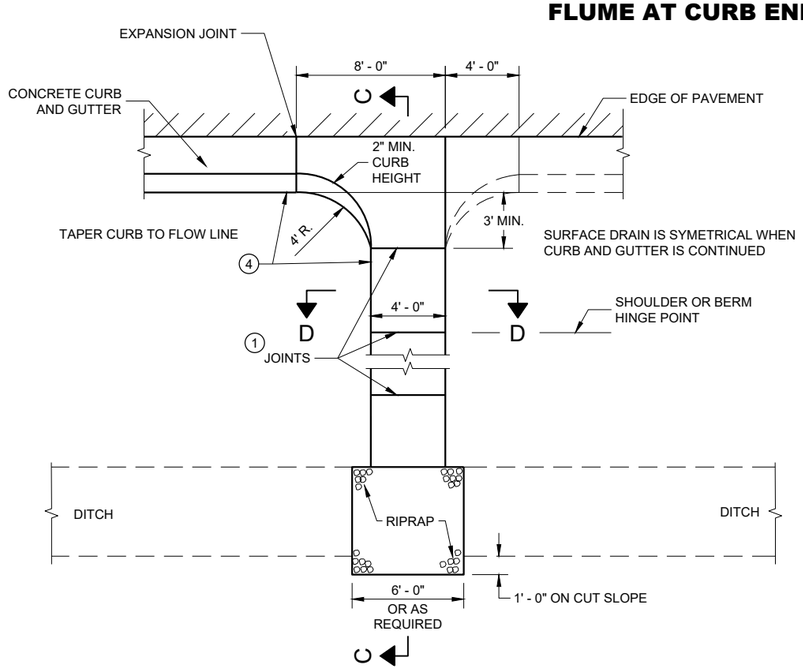


PLAN VIEW

CURB OPENING FOR FLUME

PLAN VIEW

FLUME AT CURB END



PLAN VIEW

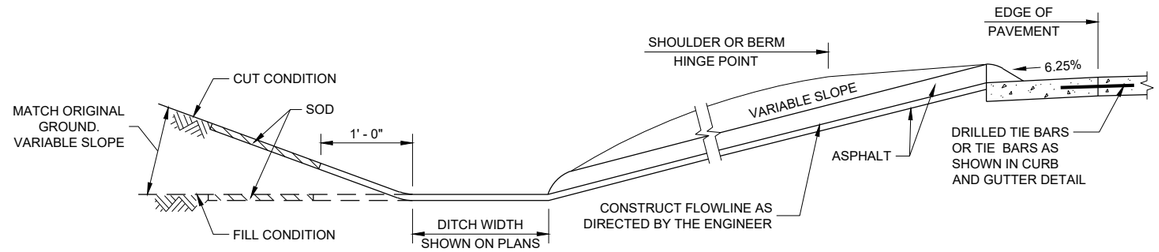
CONCRETE SURFACE DRAIN

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

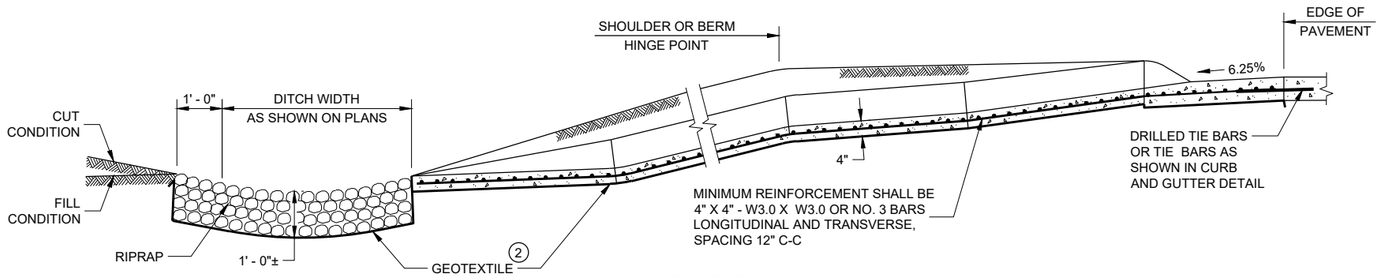
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

1. JOINTS SHALL BE ⅛" TO ¼" WIDE BY 1½" DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
2. GEOTEXTILE TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
3. CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.
4. ANGLE OF FLUME IN RELATION TO BACK OF CURB TO BE CONSTRUCTED PER THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER. ANGLE OF FLUME MAY BE OTHER THAN 90 DEGREES AS SHOWN.

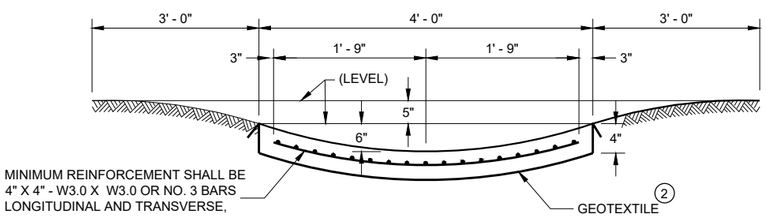


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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SDD 08D04 - 06

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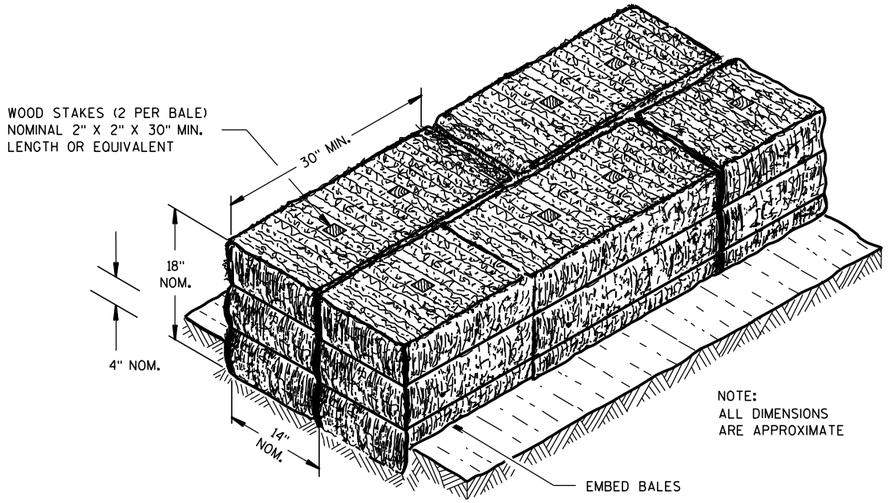
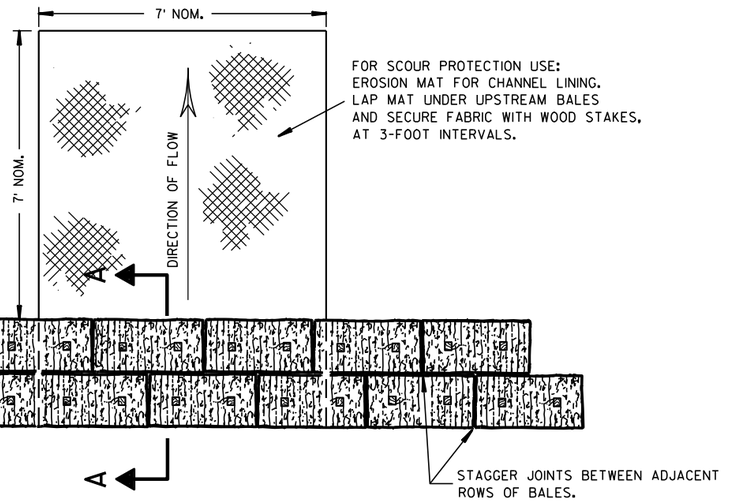
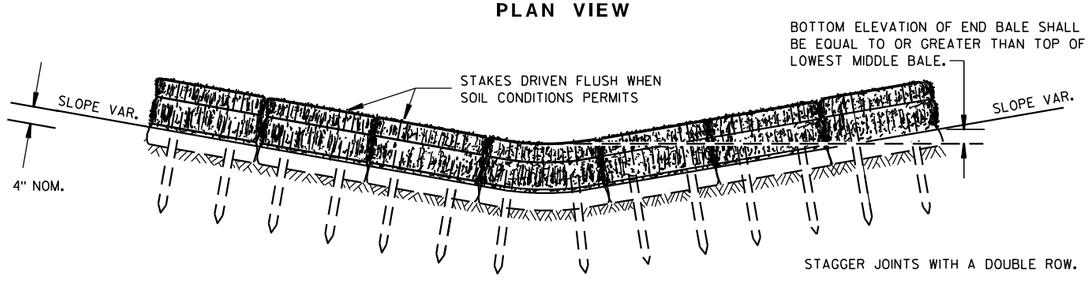
SDD 08D04 - 06



SECTION A-A



PLAN VIEW



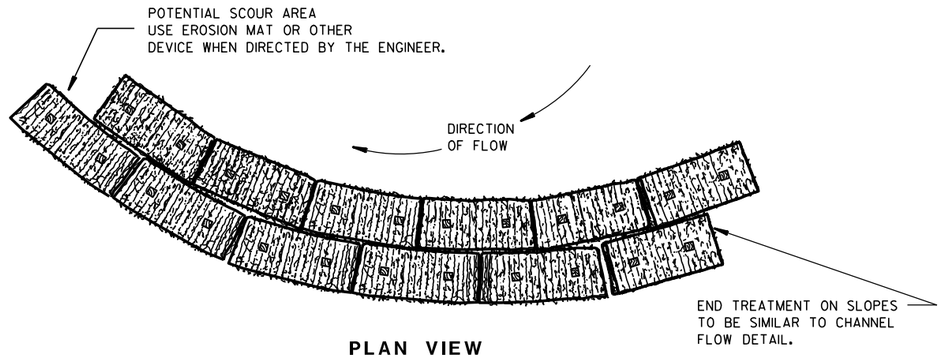
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

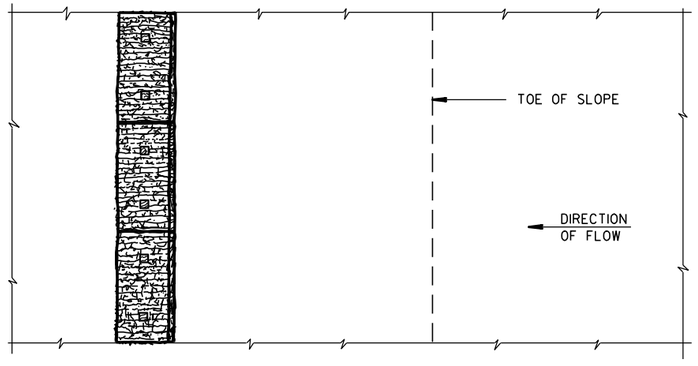
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

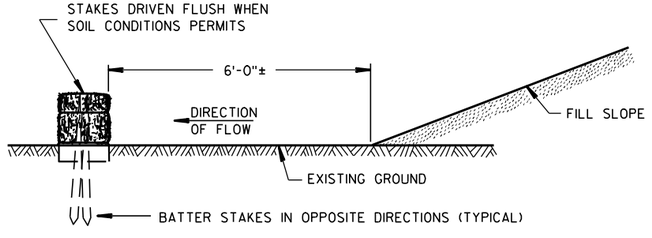


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

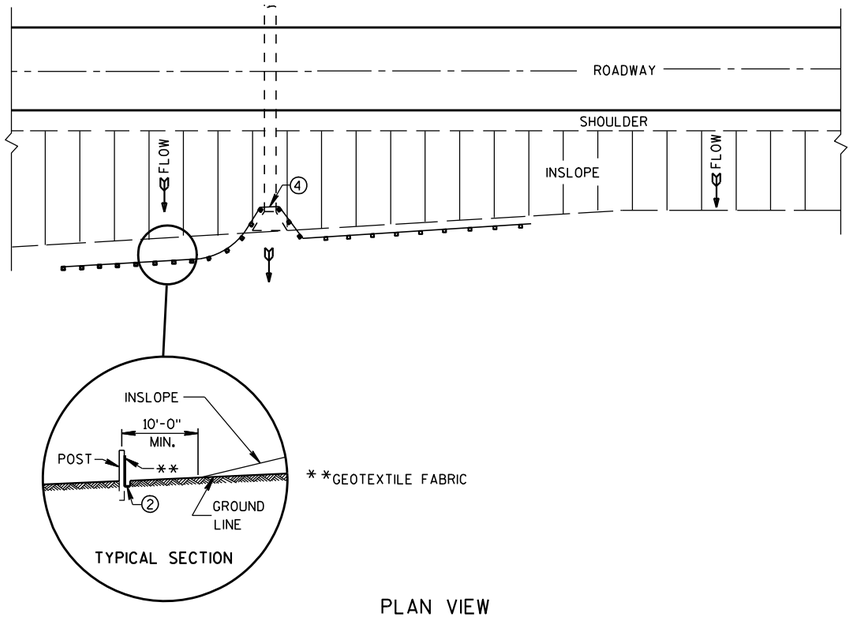
APPROVED
6/04/02 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 E 8-3

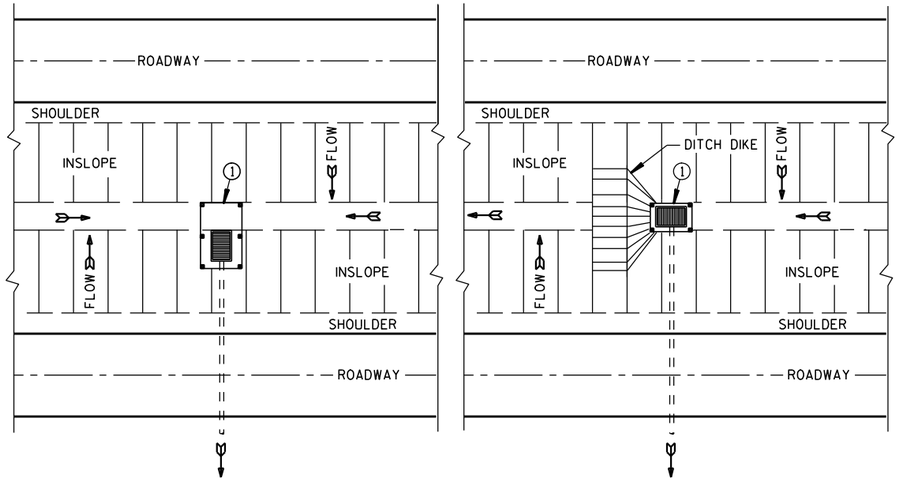
6

S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



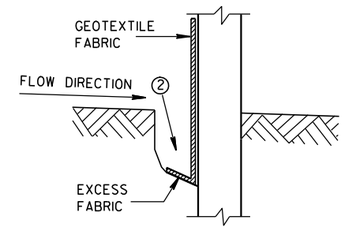
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

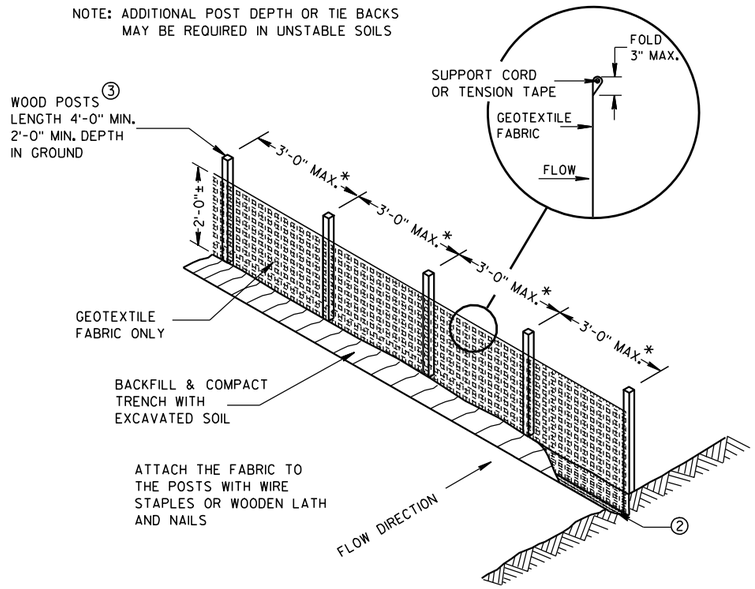
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

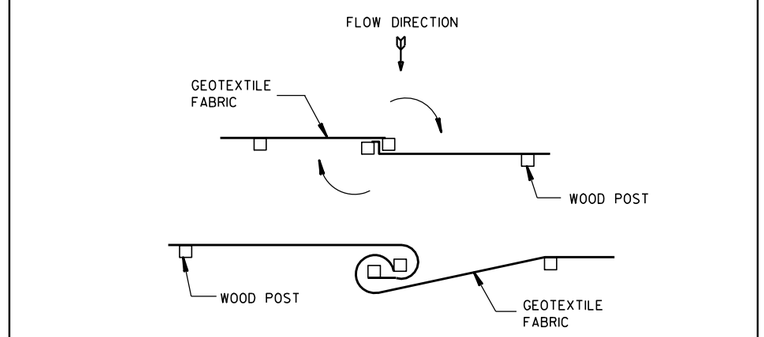


TRENCH DETAIL

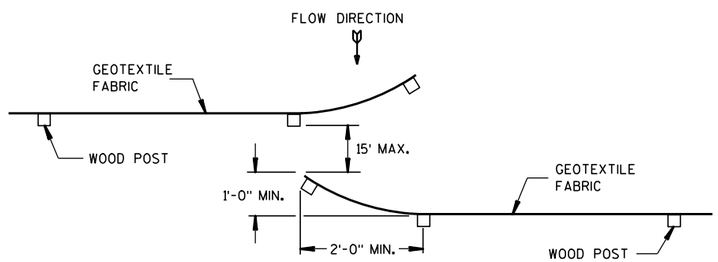


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

SILT FENCE

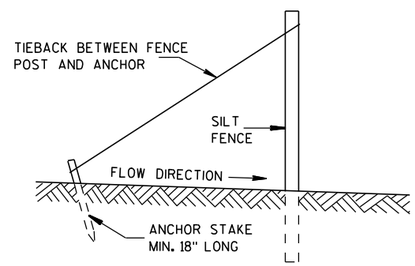


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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S.D.D. 8 E 9-6

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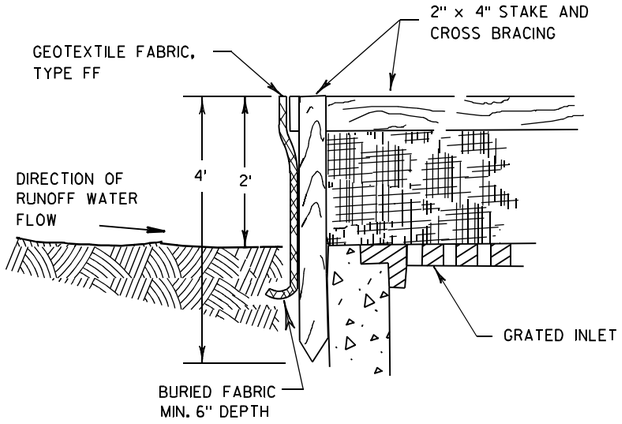
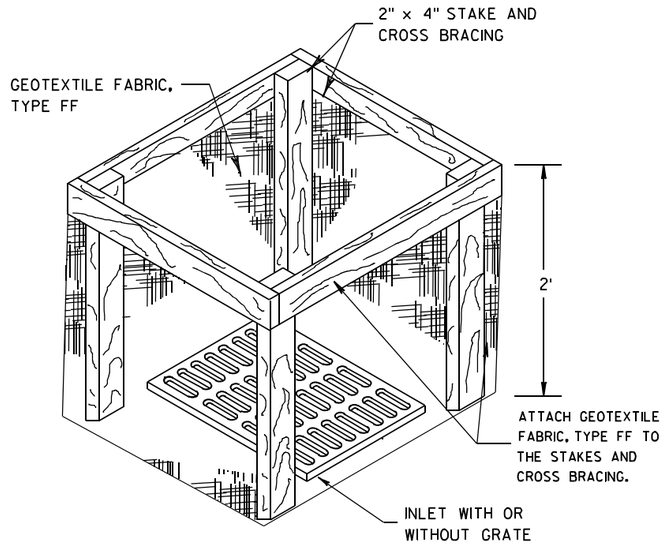
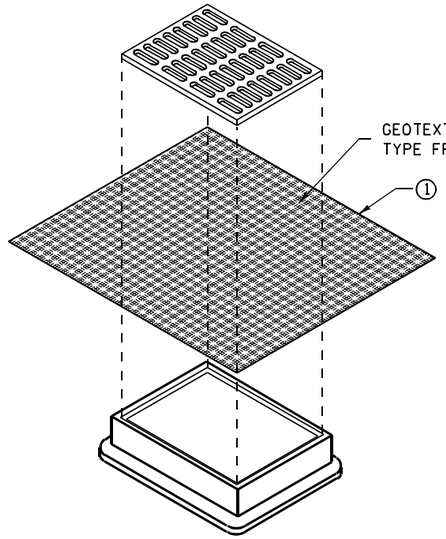
S.D.D. 8 E 9-6



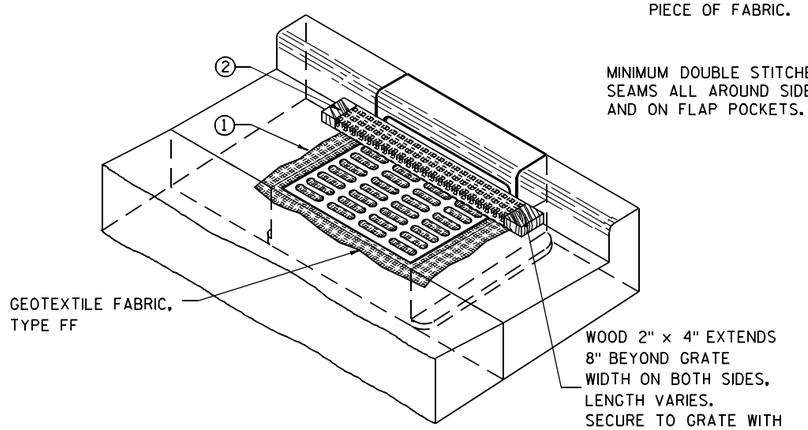


INLET PROTECTION, TYPE A

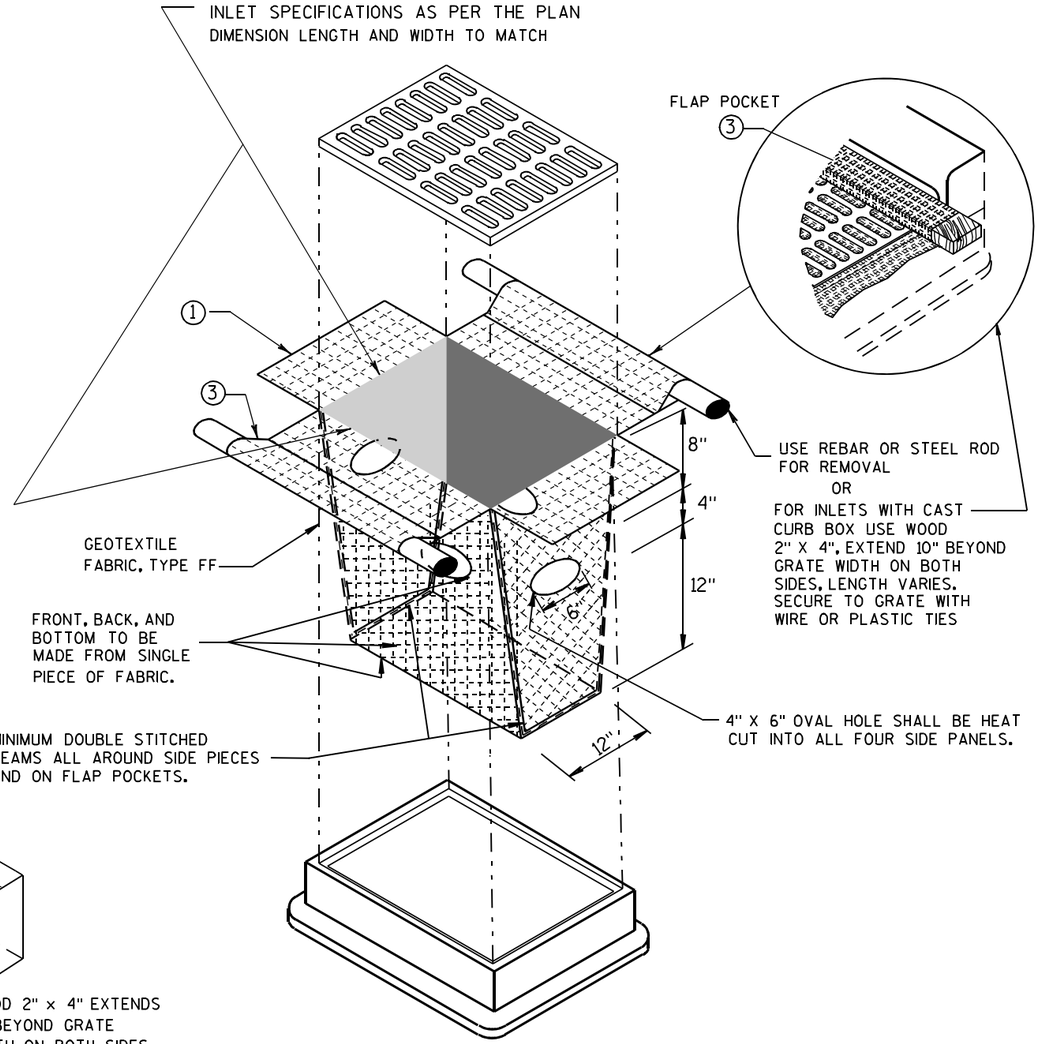


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

10/16/02
DATE

/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

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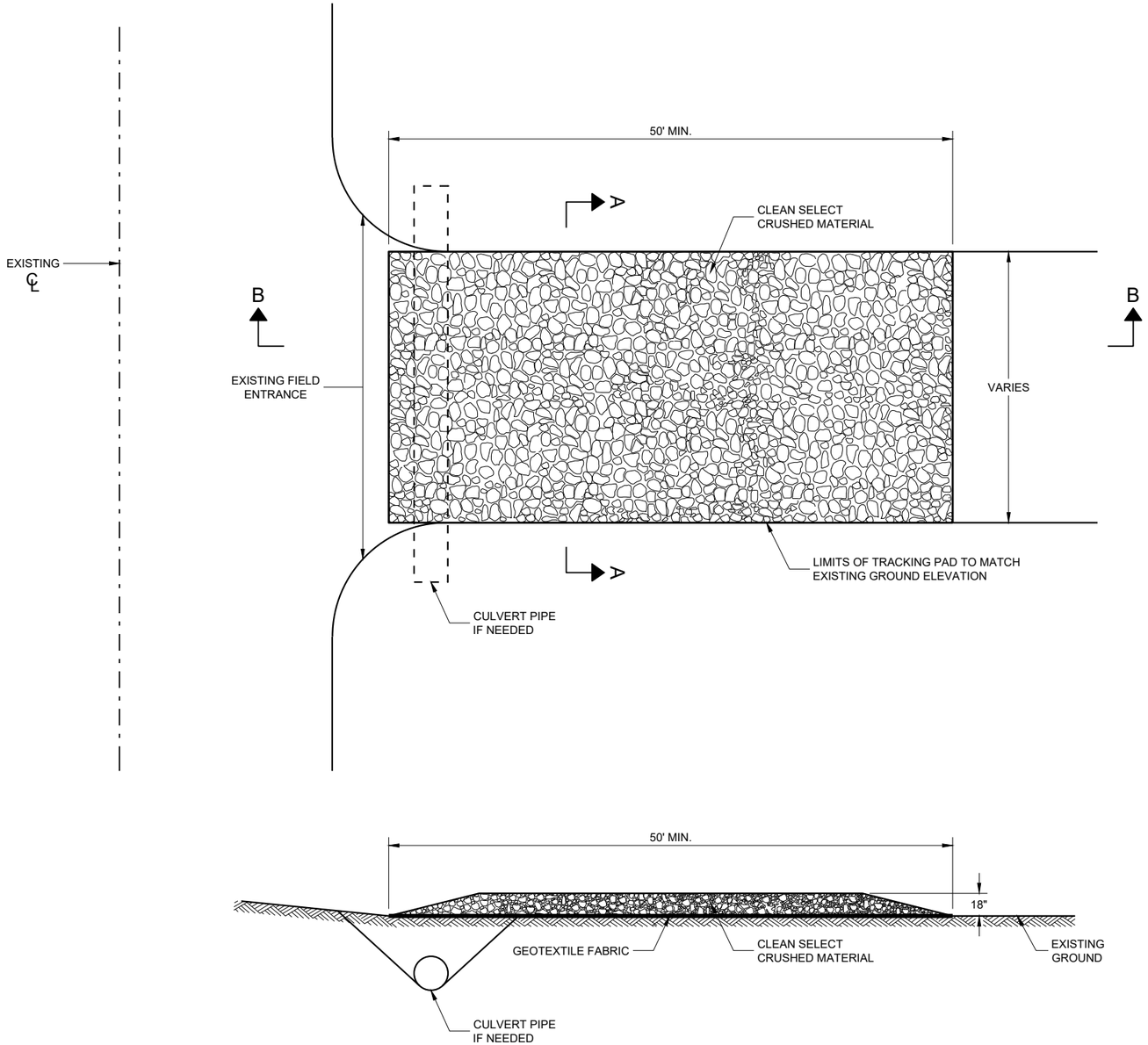
S.D.D. 8 E 10-2



SECTION B - B

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

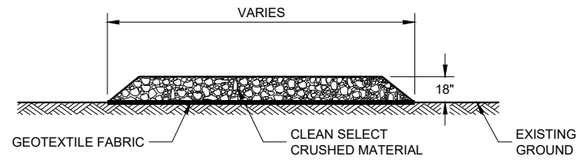
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



SECTION A - A

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SDD 08E14 - 01

TRACKING PAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3/24/2011
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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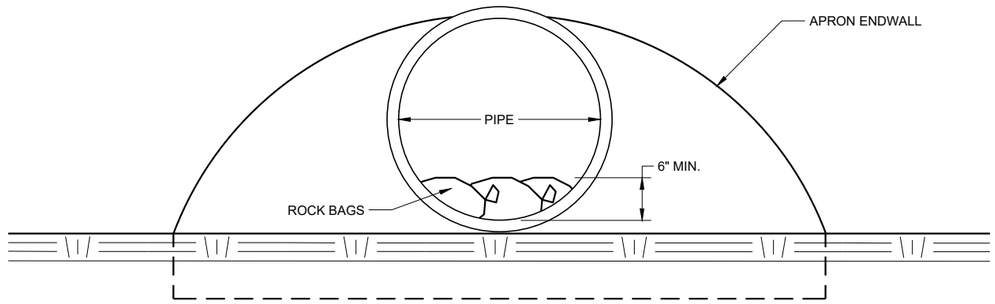
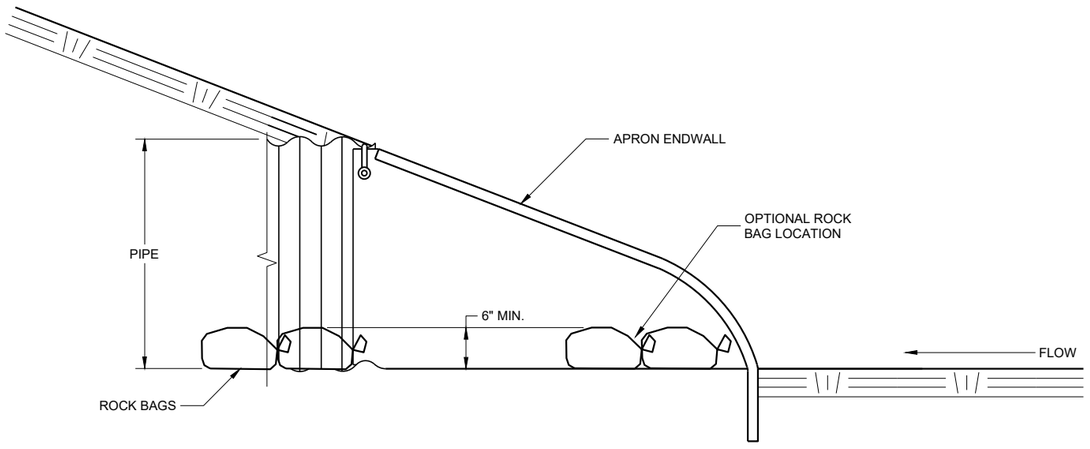
SDD 08E14 - 01



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Daniel Schave
EROSION CONTROL ENGI

FHWA

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SDD 08E15 - 01

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SDD 08E15 - 01

METAL APRON ENDWALLS

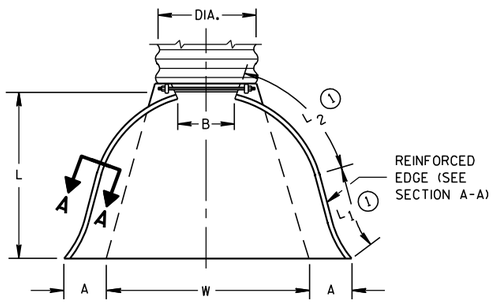
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

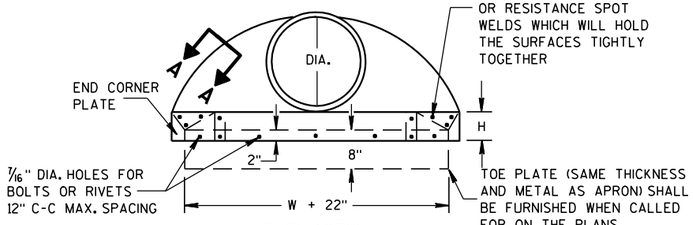
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

*MINIMUM
**MAXIMUM



PLAN VIEW



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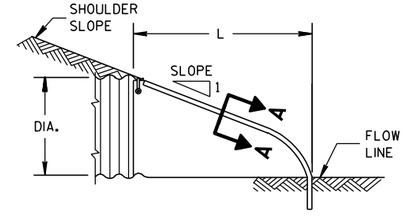
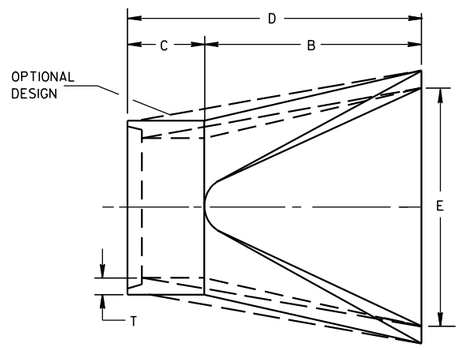
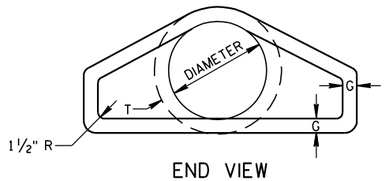


SIDE ELEVATION

METAL ENDWALLS



PLAN



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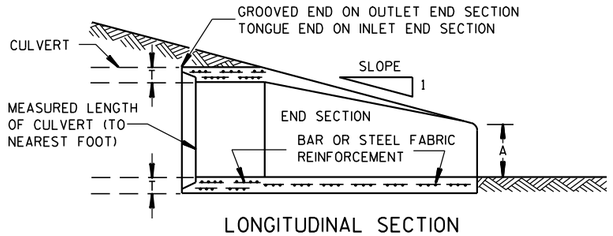
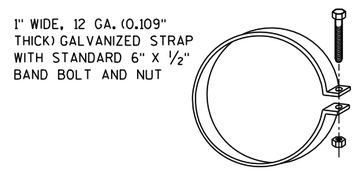


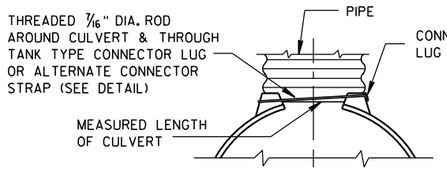
LONGITUDINAL SECTION

CONCRETE ENDWALLS

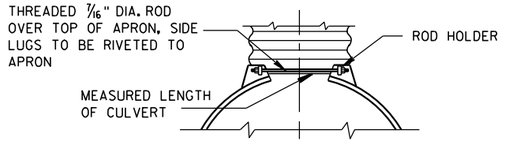


ALTERNATE FOR TYPE 1 CONNECTION

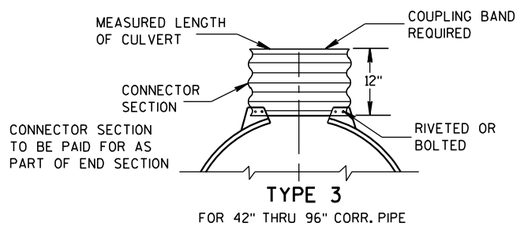
END SECTION CONNECTOR STRAP



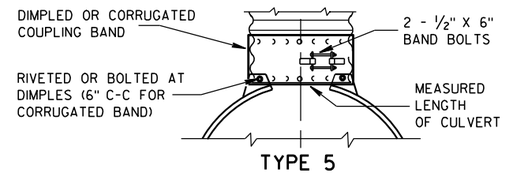
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

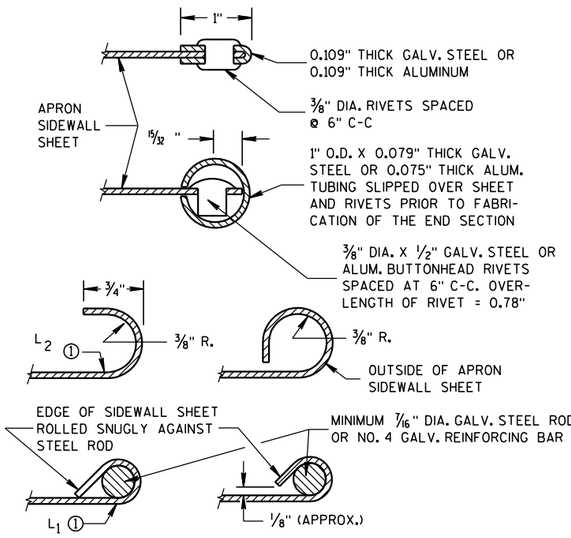
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

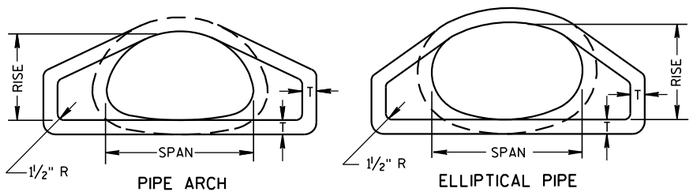
APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

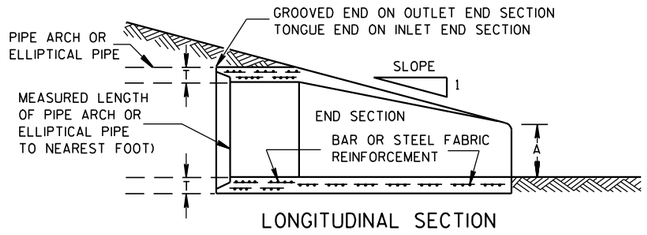
APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOP 237 NEER
FHWA

6

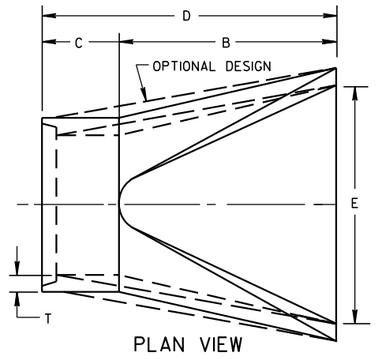
S.D.D. 8 F 1-11



END VIEW

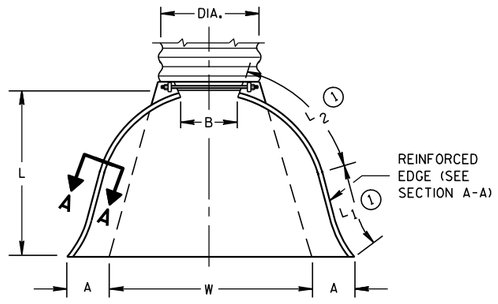


LONGITUDINAL SECTION

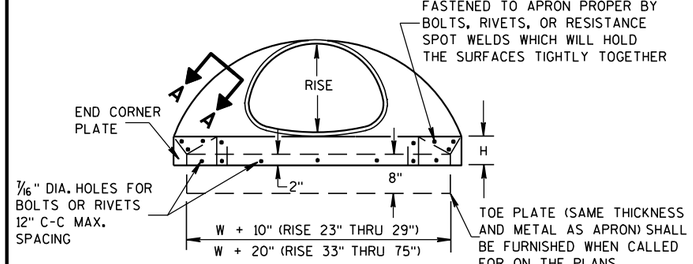


PLAN VIEW

CONCRETE ENDWALLS

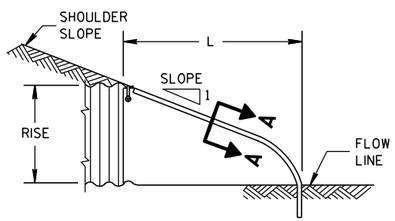


PLAN VIEW



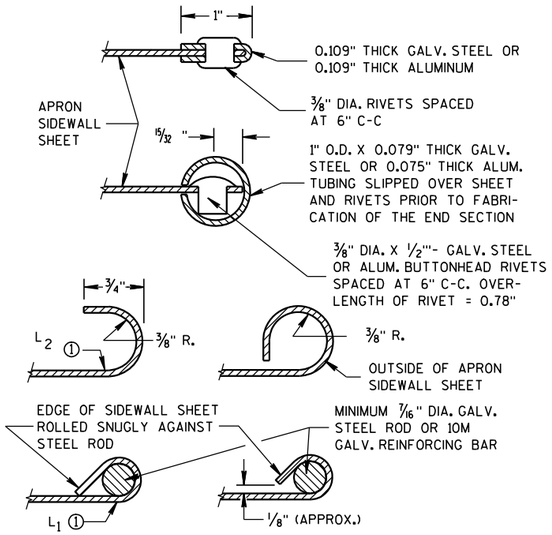
END CORNER PLATES MAY BE FASTENED TO APRON PROPER BY BOLTS, RIVETS, OR RESISTANCE SPOT WELDS WHICH WILL HOLD THE SURFACES TIGHTLY TOGETHER

END VIEW



SIDE ELEVATION

METAL ENDWALLS



SECTION A-A

2- 2/3" X 1/2" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
15	17	13	.064	.060	7	9	6	19	14	16	30	2½ to 1	1 Pc.
18	21	15	.064	.060	7	10	6	23	14	19⅜	36	2½ to 1	1 Pc.
21	24	18	.064	.060	8	12	6	28	18	21¾	42	2½ to 1	1 Pc.
24	28	20	.064	.060	9	14	6	32	18	27½	48	2½ to 1	1 Pc.
30	35	24	.079	.075	10	16	6	39	18	37⅝	60	2½ to 1	1 Pc.
36	42	29	.079	.075	12	18	8	46	24	45⅜	75	2½ to 1	1 Pc.
42	49	33	.109	.105	13	21	9	53	24	54¾	85	2½ to 1	2 Pc.
48	57	38	.109	.105	18	26	12	63	24	68	90	2½ to 1	3 Pc.
54	64	43	.109	.105	18	30	12	70	24	72¾	102	2¼ to 1	3 Pc.
60	71	47	.109*	.105*	18	33	12	77	30	82¼	114	2¼ to 1	3 Pc.
66	77	52	.109*	.105*	18	36	12	77	—	—	126	2 to 1	3 Pc.
72	83	57	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.

3" X 1" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
48	53	41	.109	.105	18	26	12	63	24	72¾	90	2½ to 1	2 Pc.
54	60	46	.109	.105	18	30	12	70	30	82¼	102	2 to 1	2 Pc.
60	66	51	.109*	.105*	18	33	12	77	—	—	114	1½ to 1	3 Pc.
66	73	55	.109*	.105*	18	36	12	77	—	—	126	1½ to 1	3 Pc.
72	81	59	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.
78	87	63	.109*	.105*	22	38	12	77	—	—	148	1½ to 1	3 Pc.
84	95	67	.109*	.105*	22	34	12	77	—	—	162	1½ to 1	3 Pc.
90	103	71	.109*	.105*	22	38	12	77	—	—	174	1½ to 1	3 Pc.
96	112	75	.109*	.105*	24	40	12	77	—	—	174	1½ to 1	3 Pc.

NOTE: ALL SPLICES TO BE LAP RIVETED OR BOLTED.

* EXCEPT CENTER PANEL SEE GENERAL NOTES

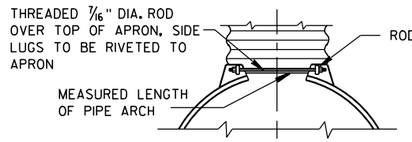
REINFORCED CONCRETE PIPE ARCH

EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	29	18	3	8½	39	33	72	48	3 to 1
30	36	22	3½	9½	50	46	96	60	3 to 1
36	44	27	4	11⅛	60	36	96	72	3 to 1
42	51	31	4½	15 13/16	60	36	96	78	3 to 1
48	58	36	5	21	60	36	96	84	3 to 1
54	65	40	5½	25½	60	36	96	90	3 to 1
60	73	45	6	31	60	36	96	96	3 to 1
72	88	54	7	31	60	39	99	120	2 to 1
84	102	62	8	28½	83	19	102	144	2 to 1

REINFORCED CONCRETE ELLIPTICAL PIPE

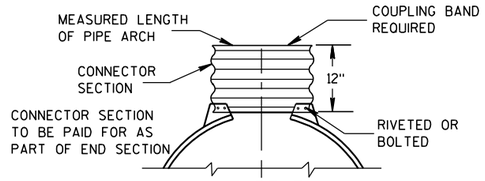
EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	30	19	3¼	8½	39	33	72	48	3 to 1
30	38	24	3¾	9½	54	18	72	60	3 to 1
36	45	29	4½	11⅛	60	24	84	72	2½ to 1
42	53	34	5	15¾	60	36	96	78	2½ to 1
48	60	38	5½	21	60	36	96	84	2½ to 1
54	68	43	6	25½	60	36	96	90	2½ to 1
60	76	48	6½	30	60	36	96	96	2½ to 1

**NOMINAL SIZE



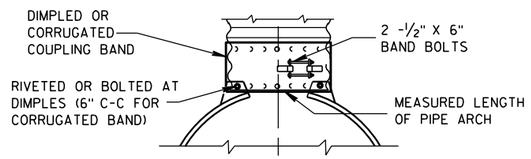
TYPE 2

FOR 17" X 13" THRU 112" X 75" PIPE ARCH



TYPE 3

FOR 64" X 43" THRU 112" X 75" PIPE ARCH



TYPE 5

ALTERNATE FOR:

ALL SIZES CORRUGATED PIPE ARCHES

NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL.

CONNECTION DETAILS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE APRON ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM APRON ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE ARCH PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 77" X 52" THROUGH 112" X 75" APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE ARCH SIZES UP TO 73" X 55" A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/94 — DATE

/S/ Rory L. Rhinesmith — CHIEF ROADWAY DEVELOPMENT ENGINEER

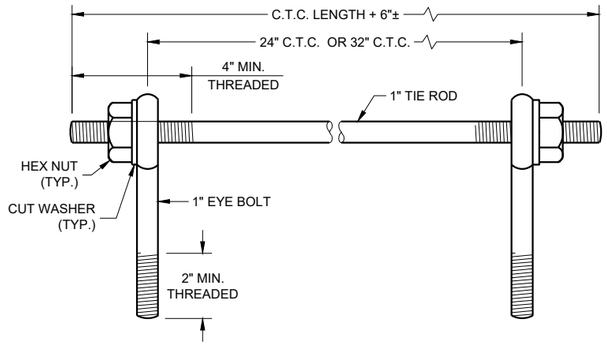
FHWA

6

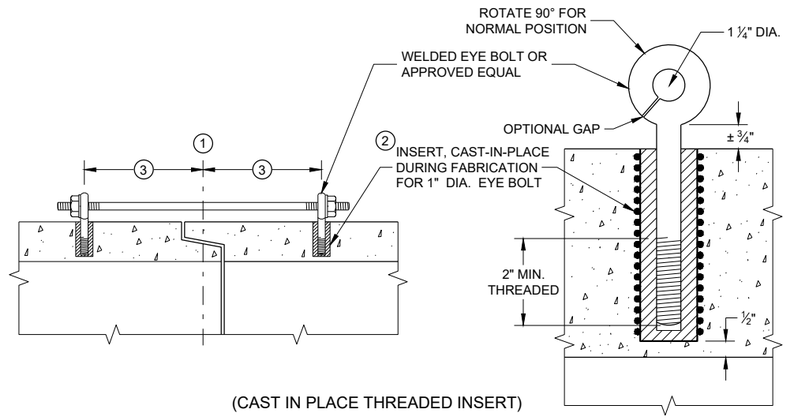
S.D.D. 8 F 2-1

6

S.D.D. 8 F 2-1



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

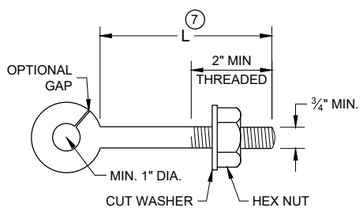
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

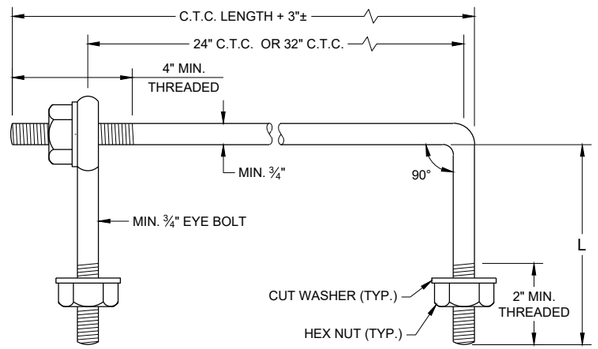
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

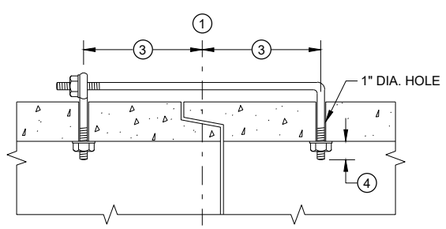


EYE BOLT (7)

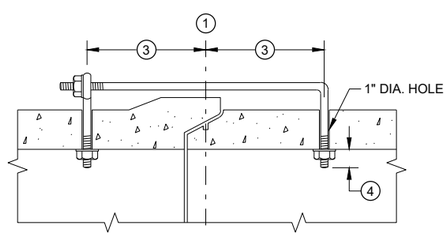
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

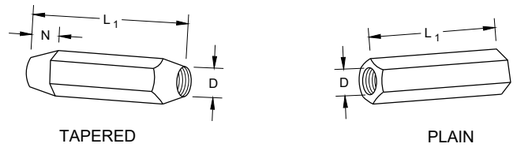
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

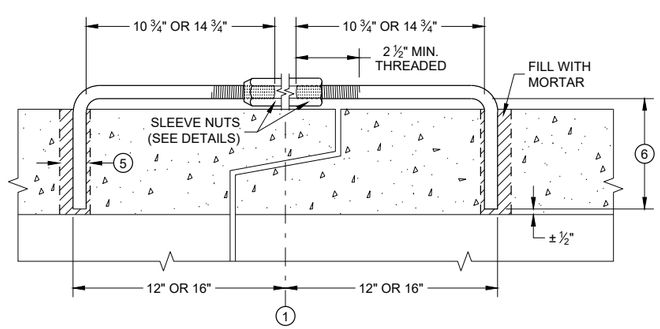
PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES



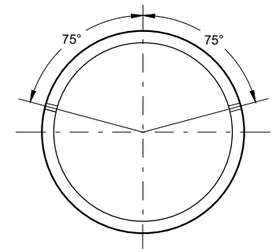
RIGHT AND LEFT THREADS

SLEEVE NUTS



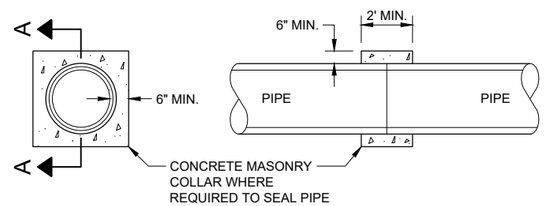
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

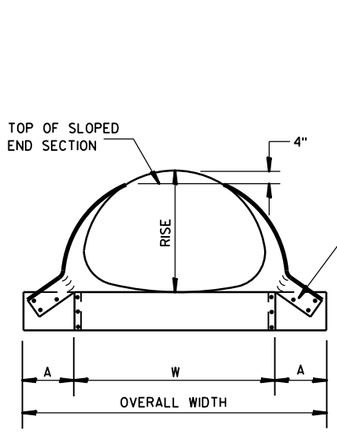
JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

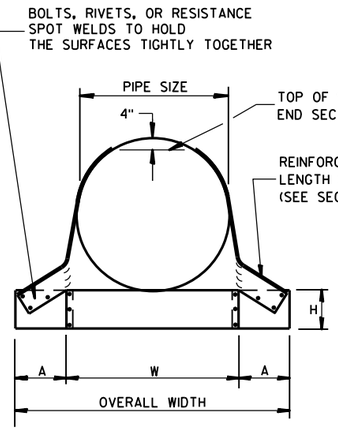
APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

SDD 08F04 - 08

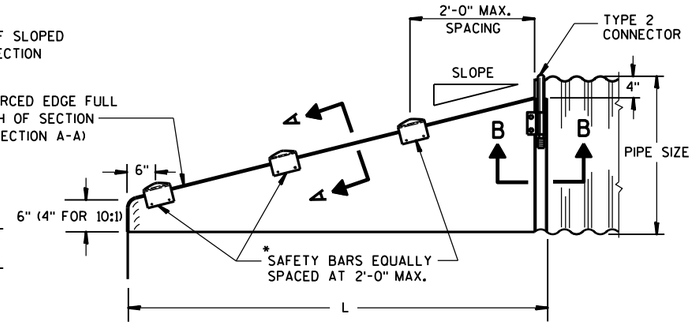
SDD 08F04 - 08



FRONT VIEW



FRONT VIEW



SIDE VIEW

GENERAL NOTES

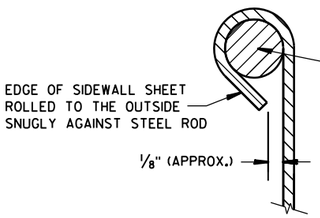
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SLOPED END SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, SECTION 521 FOR STEEL APRON ENDWALLS.

SAFETY BARS SHALL BE FABRICATED FROM GALVANIZED STEEL PIPE MEETING THE REQUIREMENTS OF ASTM A-53, GRADE B, SCHEDULE 40 OR APPROVED EQUAL.

STEEL APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS

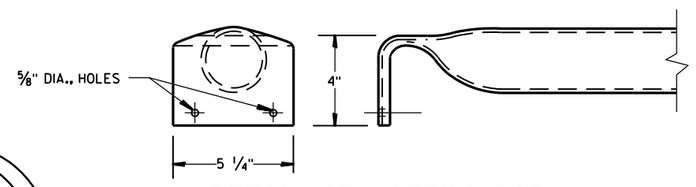
PIPE DIA. (IN.)	MIN. THICK. (Inches)	DIMENSIONS (Inches)				L DIMENSIONS					
		A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
15	.064	8	6	21	37	4:1	20	6:1	30	10:1	70
18	.064	8	6	24	40	4:1	32	6:1	48	10:1	100
21	.064	8	6	27	43	4:1	44	6:1	66	10:1	130
24	.064	8	6	30	46	4:1	56	6:1	84	10:1	160
30	.109	12	9	36	60	4:1	80	6:1	120	10:1	220
36	.109	12	9	42	66	4:1	104	6:1	156	10:1	280
42	.109	16	12	48	80	4:1	128	6:1	192	——	——
48	.109	16	12	54	86	4:1	152	6:1	228	——	——
54	.109	16	12	60	92	4:1	176	6:1	264	——	——
60	.109	16	12	66	98	4:1	200	6:1	300	——	——



SECTION A-A

*NOTE:
THREE SAFETY BARS ARE SHOWN. ACTUAL NUMBER OF BARS REQUIRED AT A 2'-0" C-C MAX. SPACING WILL VARY DEPENDING ON THE LENGTH OF THE END SECTION.

3" GALVANIZED PIPE. FLATTEN ENDS, THEN BEND OUTSIDE 4" TO MATCH END SECTION SIDES.

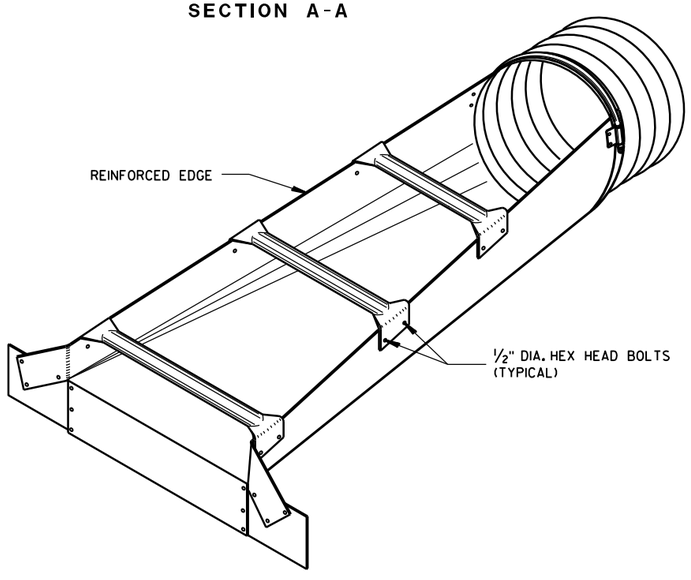


DETAIL OF SAFETY BAR

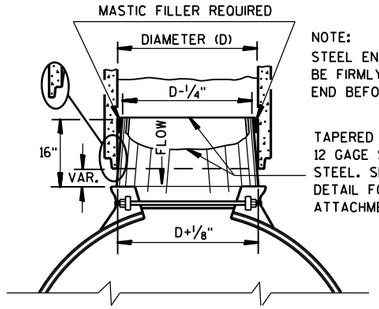
STEEL APRON ENDWALLS FOR PIPE ARCH SLOPED SIDE DRAINS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) ①	DIMENSIONS (Inches) A	H	W	OVERALL WIDTH	L DIMENSIONS SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
15	17	13	.064 *	7	6	30	44	4:1	19	6:1	30	10:1 ②	70
18	21	15	.064 *	8	6	27	43	4:1	20	6:1	30	10:1	70
21	24	18	.064 *	8	6	30	46	4:1	32	6:1	48	10:1	100
24	28	20	.064 *	8	6	34	50	4:1	40	6:1	60	10:1	120
30	35	24	.079 *	12	9	41	65	4:1	56	6:1	84	10:1	160
36	42	29	.109 *	12	9	48	72	4:1	76	6:1	114	10:1	210
42	49	33	.109	16	12	55	87	4:1	92	6:1	138	——	——
48	57	38	.109	16	12	63	95	4:1	112	6:1	168	——	——
54	64	43	.109	16	12	70	102	4:1	132	6:1	198	——	——

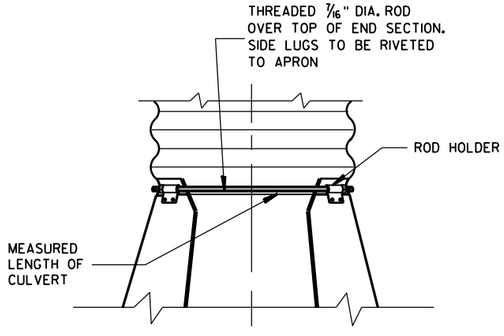
① * MINIMUM THICKNESS OF ALL 10:1 SLOPED SIDE DRAINS IS 0.109".
② ACTUAL SLOPE GREATER THAN 10:1.



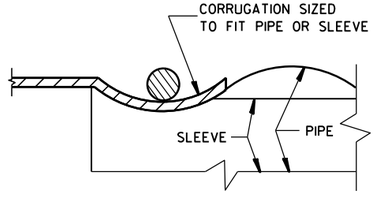
ISOMETRIC VIEW



STEEL ADAPTER SLEEVE FOR CONCRETE PIPE



TYPE 2
CONNECTION DETAIL



SECTION B-B

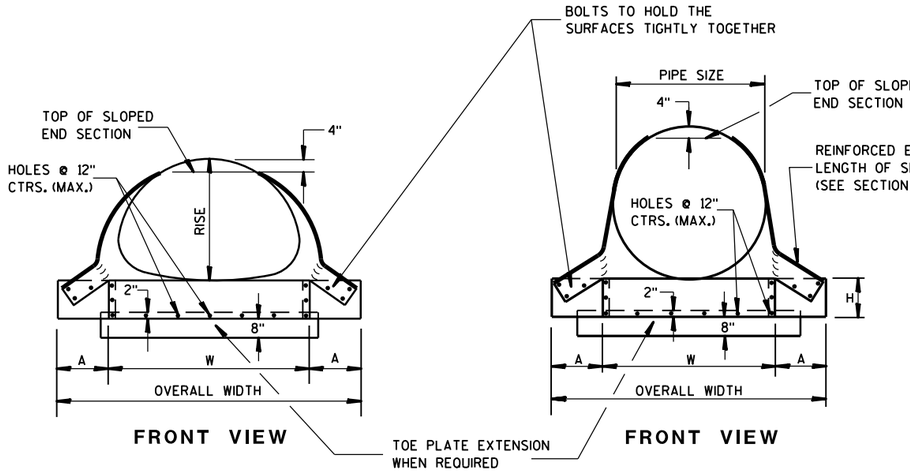
STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED SIDE DRAINS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
9/14/2012 DATE
/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

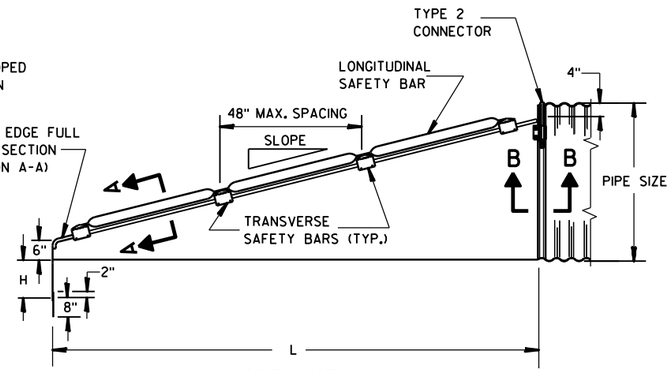
6

S.D.D. 8 F 7-5



FRONT VIEW

FRONT VIEW



SIDE VIEW
(48" SIZE ILLUSTRATED)

GENERAL NOTES

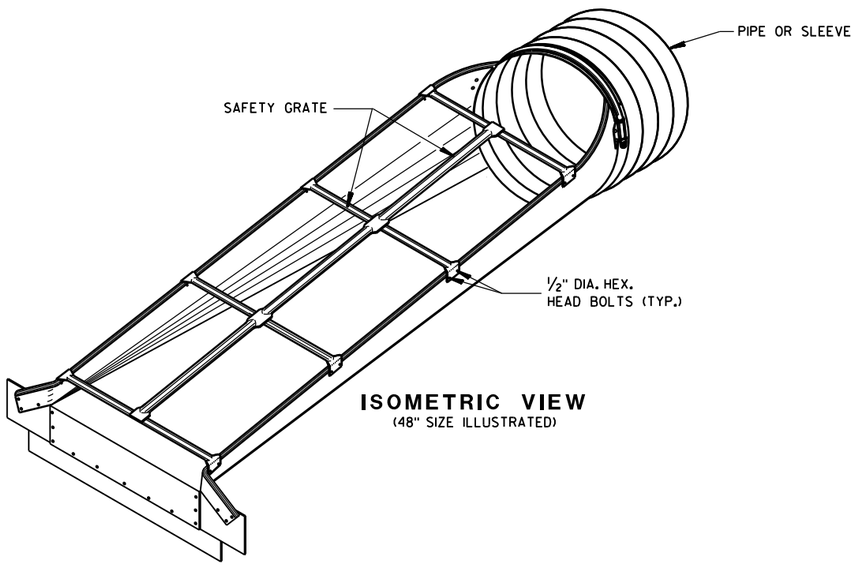
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

SAFETY GRATES SHALL BE FABRICATED FROM 3-INCH DIAMETER GALVANIZED PIPE MEETING THE REQUIREMENTS OF ASTM A-53, GRADE B, SCHEDULE 40 OR APPROVED EQUAL. THE LONGITUDINAL BAR SHALL BE WELDED TO THE TRANSVERSE BARS WHERE THE BARS CROSS. THE NUMBER OF TRANSVERSE BARS REQUIRED WILL VARY DEPENDING ON THE LENGTH OF THE END SECTION.

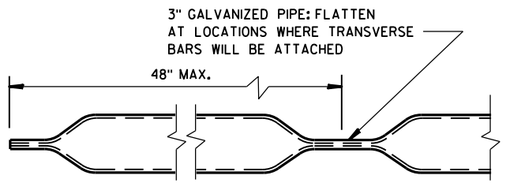
SLOPED STEEL ENDWALLS LOCATED AT THE ENDS OF CONCRETE CULVERT PIPE SHALL BE FURNISHED WITH STEEL ADAPTER SLEEVES.

STEEL APRON ENDWALLS FOR CULVERT PIPE CROSS DRAINS

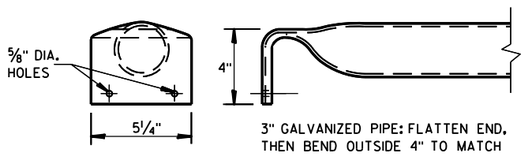
PIPE DIA. (IN.)	MIN. THICK.		DIMENSIONS (Inches)				L DIMENSIONS			
	IN.	GAGE	A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
36	.109	12	12	9	42	66	4:1	104	6:1	156
42	.109	12	16	12	48	80	4:1	128	6:1	192
48	.109	12	16	12	54	86	4:1	152	6:1	228
54	.109	12	16	12	60	92	4:1	176	6:1	264
60	.109	12	16	12	66	98	4:1	200	6:1	300



ISOMETRIC VIEW
(48" SIZE ILLUSTRATED)



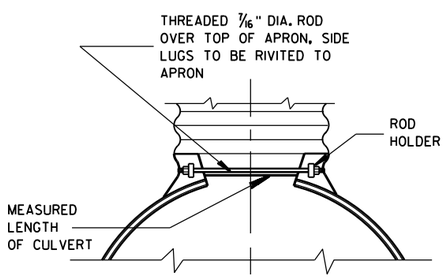
LONGITUDINAL SAFETY BAR



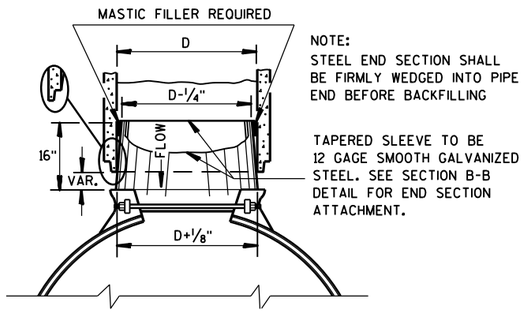
TRANSVERSE SAFETY BAR

STEEL APRON ENDWALLS FOR PIPE ARCH SLOPED CROSS DRAINS

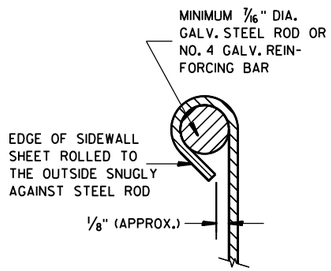
EQUIV. DIA. (IN.)	INCHES		MIN. THICK.		DIMENSIONS (Inches)				L DIMENSIONS			
	SPAN	RISE	IN.	GAGE	A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
30	35	24	.079	14	12	9	41	65	4:1	56	6:1	84
36	42	29	.109	12	12	9	48	72	4:1	76	6:1	114
42	49	33	.109	12	16	12	55	87	4:1	92	6:1	138
48	57	38	.109	12	16	12	63	95	4:1	112	6:1	168
54	64	43	.109	12	16	12	70	102	4:1	132	6:1	198
60	71	47	.109	12	16	12	77	109	4:1	148	6:1	222



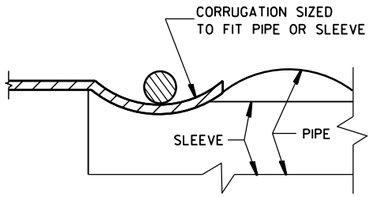
TYPE 2 CONNECTOR DETAIL



STEEL ADAPTER SLEEVE FOR CONCRETE PIPE



SECTION A-A



SECTION B-B

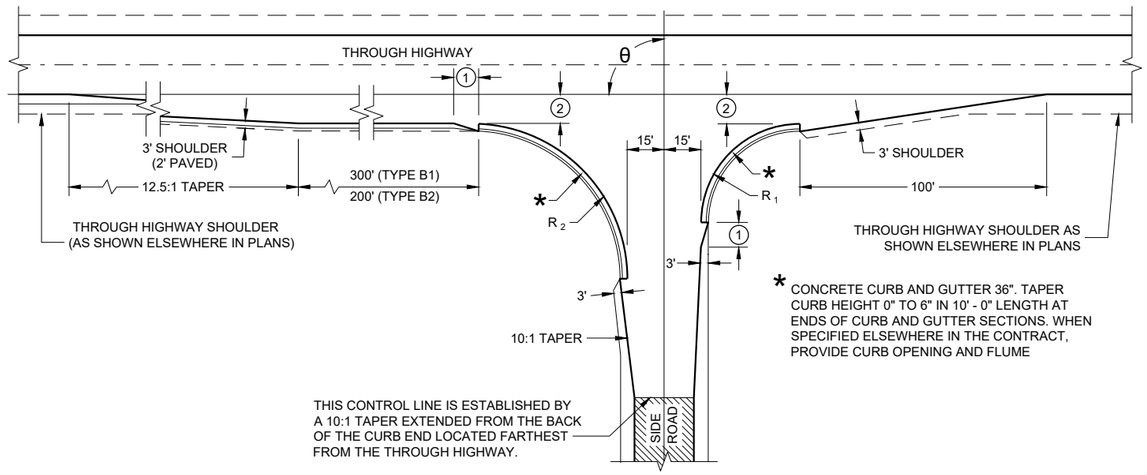
STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED CROSS DRAINS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/5/2012 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER
FHWA

6

S.D.D. 8 F 8-2



* CONCRETE CURB AND GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10' - 0" LENGTH AT ENDS OF CURB AND GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME

TYPE "B1" AND "B2"

RADII DIMENSIONS FOR TYPES "B1", "B2", "C" AND "D" INTERSECTIONS

θ	R_1	R_2
65 - 70	35	70
71 - 80	40	70
81 - 90	40	60
91 - 100	50	55
101 - 110	60	45

GENERAL NOTES

DESIGNS MAY BE USED INTERCHANGEABLY IN COMBINATION OR SEPARATELY FOR ANY ONE COMPLETE INTERSECTION DEPENDING UPON INTERSECTION ANGLE AND SURFACING OF EACH APPROACH ROADWAY.

SIDE ROAD SURFACING NOTE

WHEN THE SIDE ROAD IS NOT PRESENTLY PAVED, PAVEMENT SHALL BE PLACED TO THE LIMITS SHOWN UNLESS OTHERWISE PROVIDED IN THE CONTRACT. WHERE THE CONSTRUCTION LIMITS ARE BEYOND THE PAVING LIMITS, CRUSHED AGGREGATE SURFACING SHALL BE PLACED BETWEEN THE PAVING LIMITS AND CONSTRUCTION LIMITS.

WHEN THE SIDE ROAD IS PRESENTLY PAVED, NEW PAVEMENT SHALL BE PLACED TO THE LIMITS OF DESIGN AS SHOWN AND BEYOND, IF NECESSARY, TO MEET EXISTING PAVEMENT.

WHEN THE SIDE ROAD IS THE CONSTRUCTION PROJECT, THE INTERSECTION SURFACING SHALL BE THE SAME AS FOR THE PROJECT.

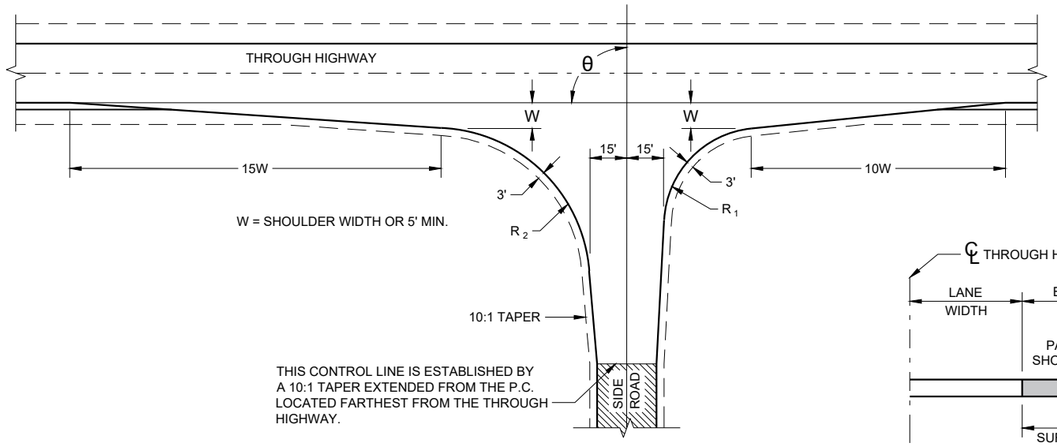
(1) 10-FT TYPICAL.

(2) 12-FT** PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLAN.

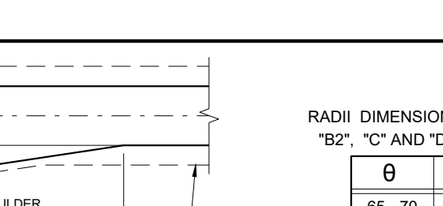
**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

(3) BYPASS LANE PAVED SURFACE WIDTH OUTSIDE OF TRAVEL LANE
- ASPHALT = 12-FT PLUS PAVED SHOULDER WIDTH
- PC CONCRETE = 13-FT PLUS PAVED SHOULDER WIDTH

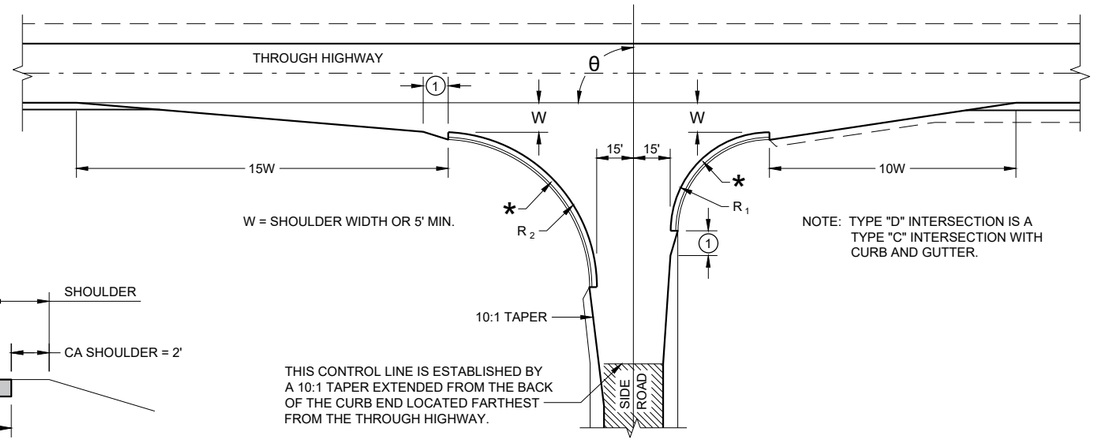
(4) BYPASS LANE PAVED SHOULDER WIDTH = THE GREATER OF 1-FT OR THE PAVED SHOULDER WIDTH OF THE THROUGH HIGHWAY.



TYPE "C"

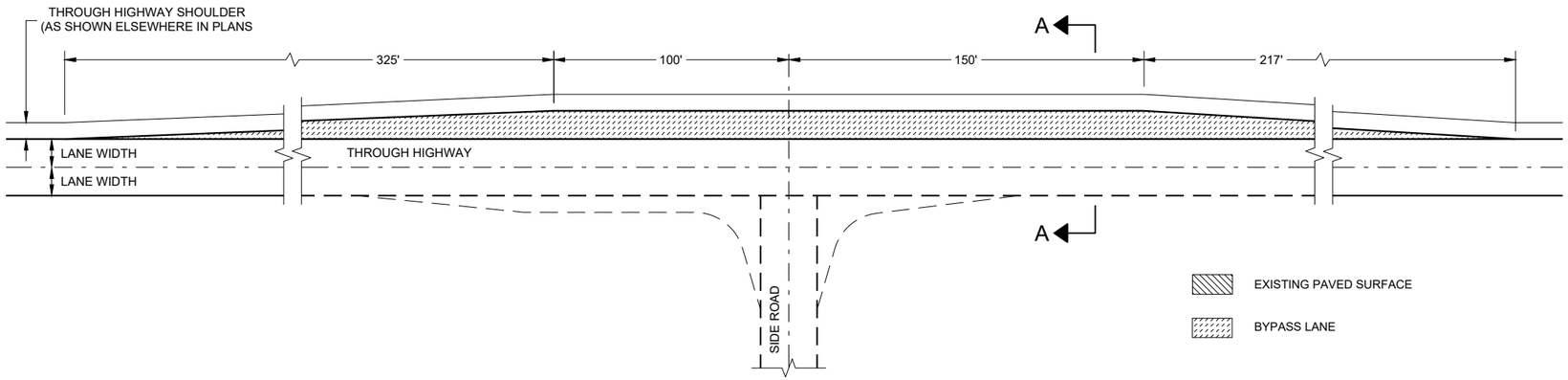


SECTION A - A
(SHOWING BYPASS LANE AND SHOULDER)



NOTE: TYPE "D" INTERSECTION IS A TYPE "C" INTERSECTION WITH CURB AND GUTTER.

TYPE "D"



TEE INTERSECTION BYPASS LANE DETAIL

AT GRADE SIDE ROAD INTERSECTION TYPES "B1", "B2", "C", "D" AND TEE INTERSECTION BYPASS LANE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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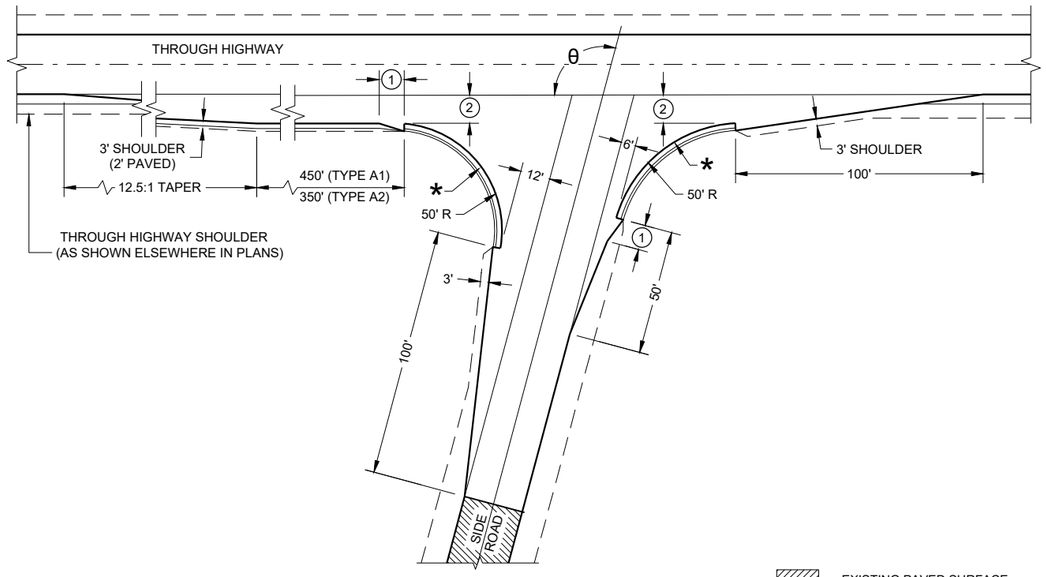
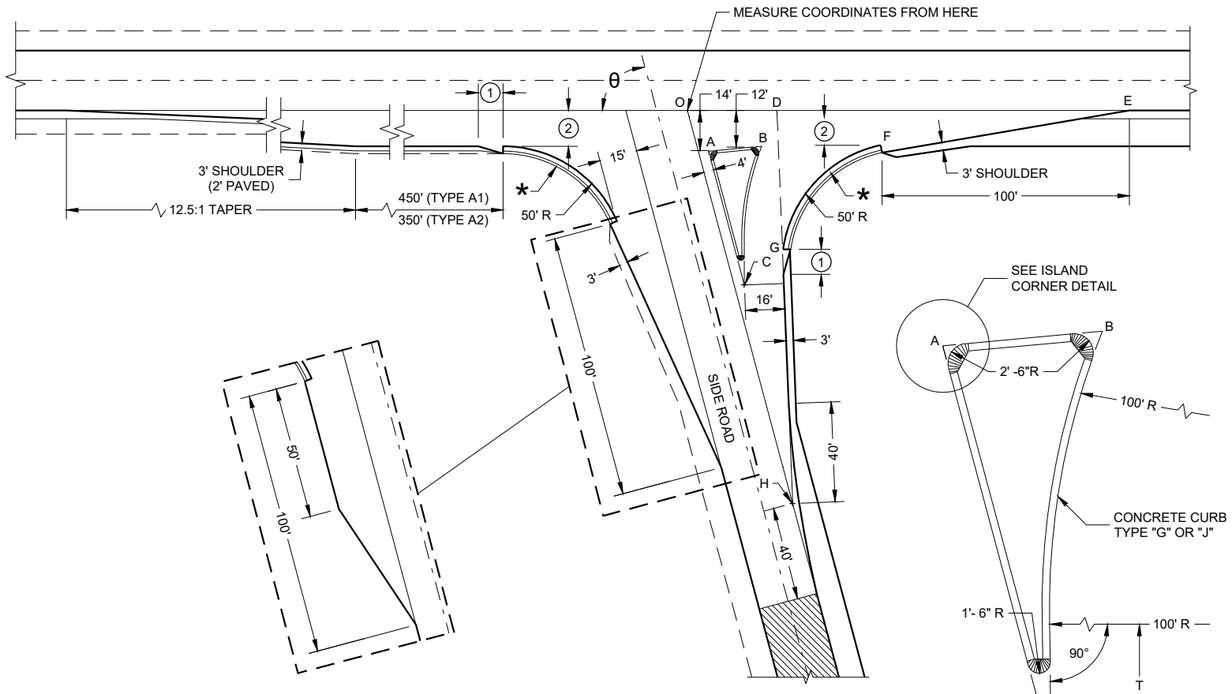
SDD 09A01 - 14a

6

SDD 09A01 - 14a

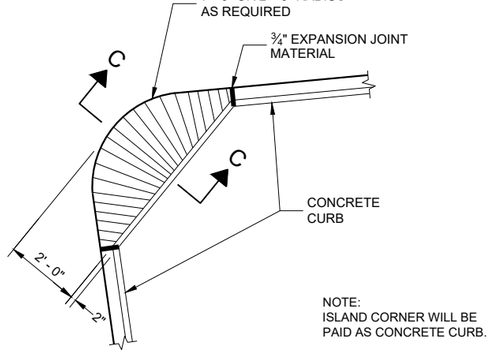


θ = MORE THAN 80°

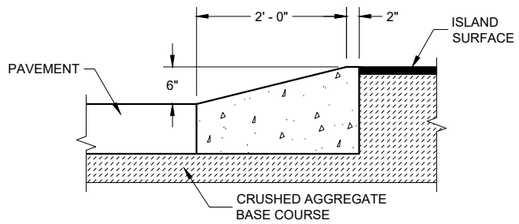


SIDE ROAD WIDENING AND TAPER REQUIRED WHERE
THE THROUGH HIGHWAY CARRIES TWO-WAY TRAFFIC
θ = ACUTE ANGLES 70° OR LESS

θ = ACUTE ANGLES 80° OR LESS



PLAN VIEW



SECTION C - C

ISLAND CORNER DETAIL

(TO BE CONSTUCTED AT ALL ISLAND CORNERS)

TABLE OF DIMENSIONS FOR VARIABLE SIDE ROAD INTERSECTION ANGLES

(INTERPOLATE VALUES FOR ANGLES NOT SHOWN)

ANGLE θ DEGREES	COORDINATES IN FEET (MEASURED FROM POINT 'O') X / Y								LENGTH IN FEET				
	A	B	C	D	E	F	G	H	AB	AC	T	OJ	OH
60	12.7 / -14.0	44.9 / -12.0	46.4 / -72.4	41.9 / 0.0	205.0 / 0.0	104.6 / -12.0	64.0 / -75.5	85.0 / -147.1	32.3	67.4	4.9	85.9	169.9
65	10.9 / -14.0	39.0 / -12.0	37.8 / -71.6	39.4 / 0.0	196.1 / 0.0	95.7 / -12.0	54.1 / -71.5	70.5 / -151.3	28.2	63.6	8.5	80.9	166.9
70	9.4 / -14.0	33.9 / -12.0	29.8 / -70.1	37.4 / 0.0	188.3 / 0.0	87.8 / -12.0	45.6 / -67.5	56.1 / -154.2	24.6	59.7	11.5	76.1	164.1
75	7.9 / -14.0	29.3 / -12.0	22.3 / -67.9	35.7 / 0.0	181.2 / 0.0	80.7 / -12.0	38.2 / -63.4	41.8 / -155.9	21.5	55.8	13.8	71.4	161.4
80	6.5 / -14.0	25.4 / -12.0	15.6 / -65.2	34.4 / 0.0	174.8 / 0.0	74.4 / -12.0	31.8 / -59.3	27.6 / -156.5	18.9	52.0	15.6	66.9	158.9

TYPE 'A1" AND "A2" SIDE ROAD INTERSECTION DETAILS

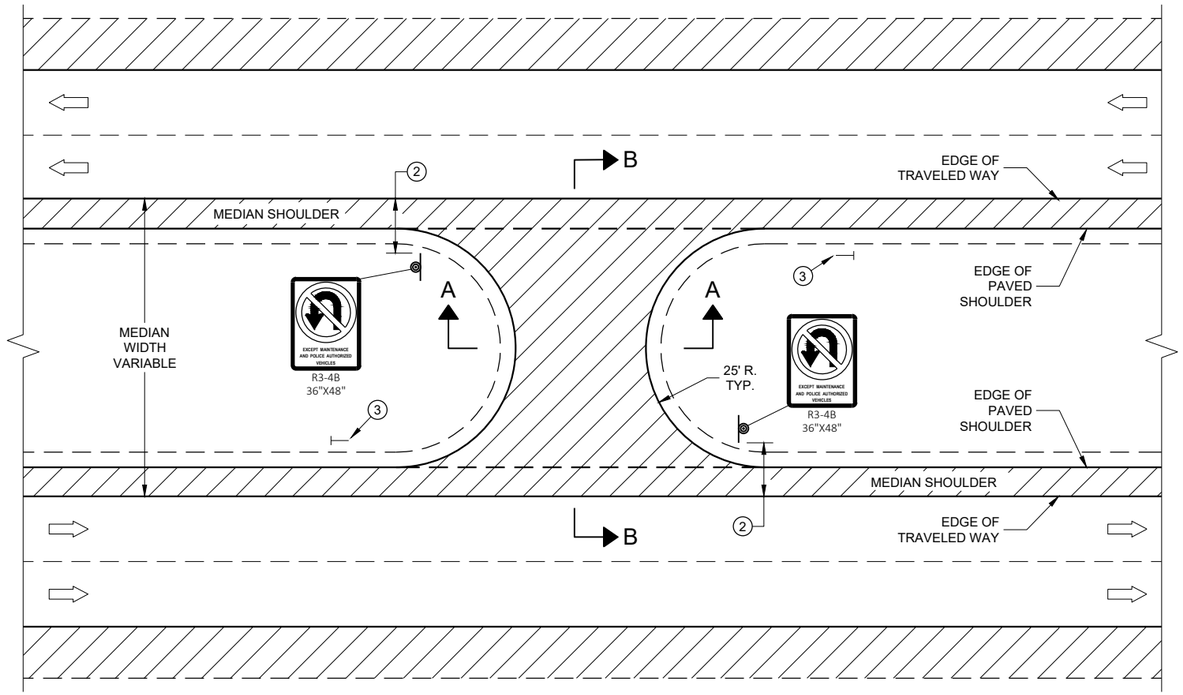
AT GRADE SIDE ROAD INTERSECTIONS
TYPES "A1" AND "A2"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

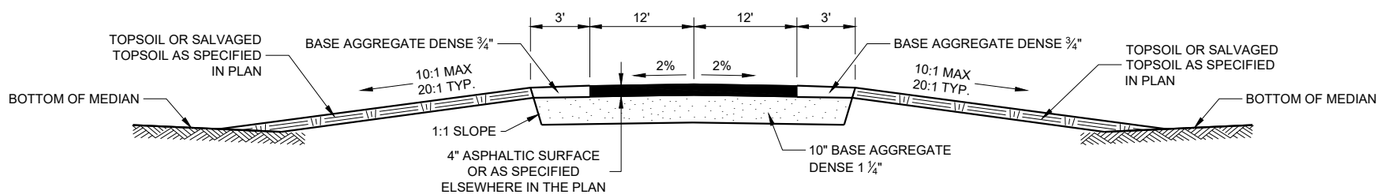
APPROVED
November 2022 — DATE
/S/ John Jenkins — ROADWAY STANDARDS DEVE ENGINEER
FHWA

6

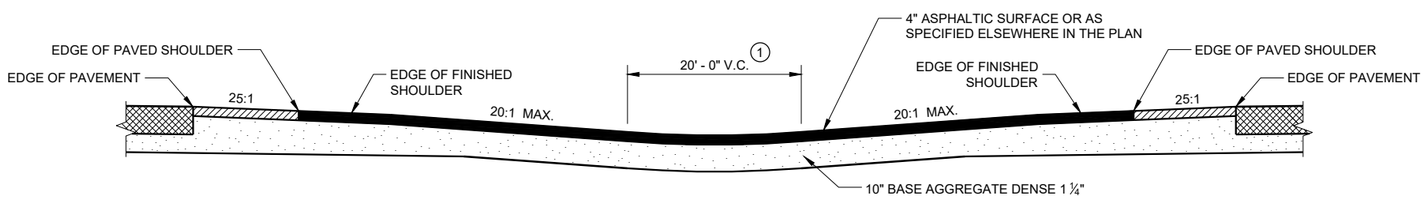
SDD 09A01 - 14b
SDD 09A01 - 14b



PLAN VIEW



SECTION A-A



SECTION B-B

GENERAL NOTES

1. ADJUST VERTICAL CURVE LOCATION LATERALLY TO MAINTAIN 20:1 MAX.
2. SIGNING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.
3. INSTALL DELINEATOR. SEE STANDARD DETAIL DRAWING 15A4.

LEGEND

- SIGN ON PERMANENT SUPPORT
- DELINEATOR
- DIRECTION OF TRAFFIC

MAINTENANCE CROSSOVER FOR FREEWAYS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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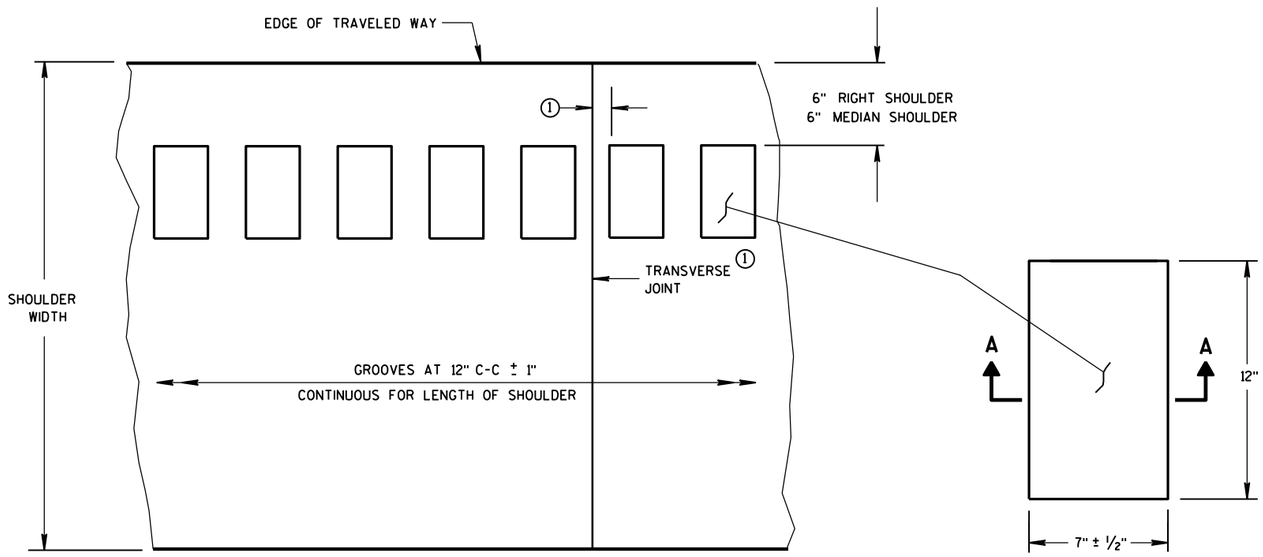
SDD 11A01 - 06



PLAN VIEW
SHOULDER WITH GROOVES

PLAN VIEW
(SINGLE GROOVE)

PLACEMENT DETAIL FOR MILLED RUMBLE STRIP

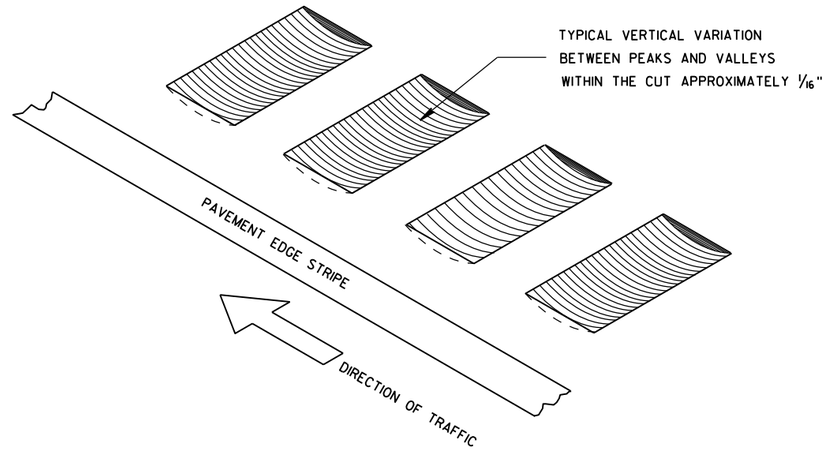
GENERAL NOTES

DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

RUMBLE STRIPS ON EXPRESSWAYS

DO NOT INSTALL RUMBLE STRIPS ACROSS SIDE ROAD INTERSECTIONS, COMMERCIAL DRIVEWAYS, PRIVATE DRIVEWAYS OR ADJACENT TO RIGHT TURN LANES, LEFT TURN LANES, TURN LANE TAPERS, BRIDGE DECKS, BRIDGE APPROACHES, OR 100 FEET IN ADVANCE OF RAILROAD CROSSING. THE ATTACHED STANDARD DETAIL DRAWING SHOWS THE LOCATION OF THE RUMBLE STRIPS AT INTERCHANGE AREAS.

(1) CONCRETE PAVEMENT - RUMBLE STRIPS SHALL BE A MINIMUM OF 6" AWAY FROM TRANSVERSE JOINTS.



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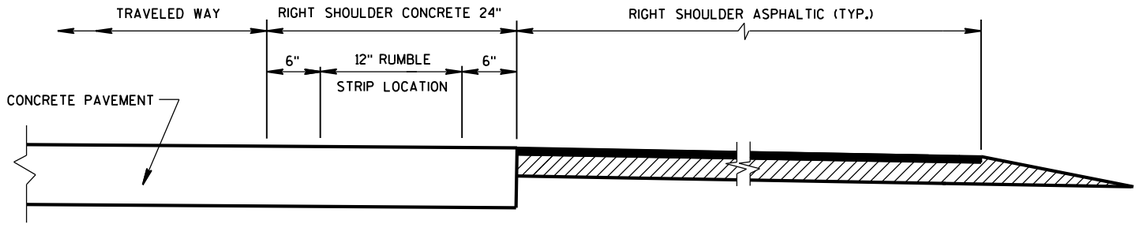
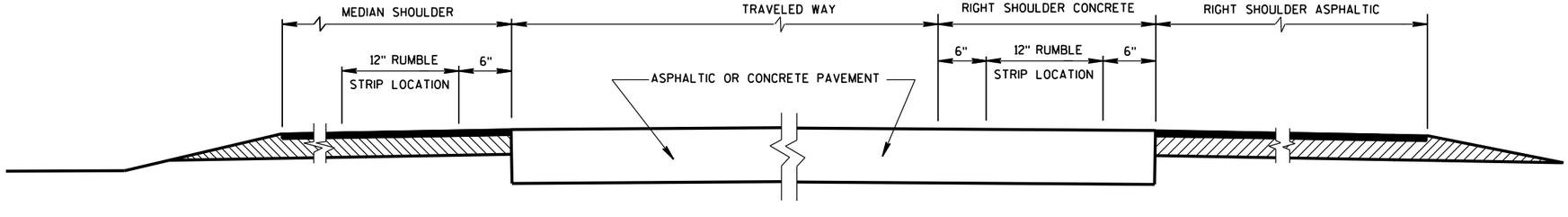


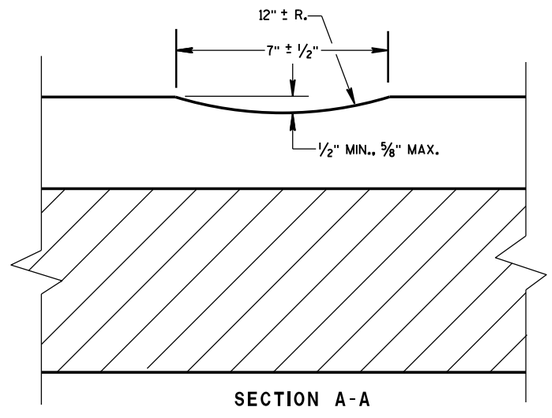
SECTION VIEW
CONCRETE PAVEMENT EXTENDS INTO RIGHT SHOULDER)



SECTION VIEW

TYPICAL LOCATIONS OF SHOULDER RUMBLE STRIPS IN RURAL DIVIDED HIGHWAYS

(ONE ROADWAY IS SHOWN)



SECTION A-A

SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 13 A 5-5a

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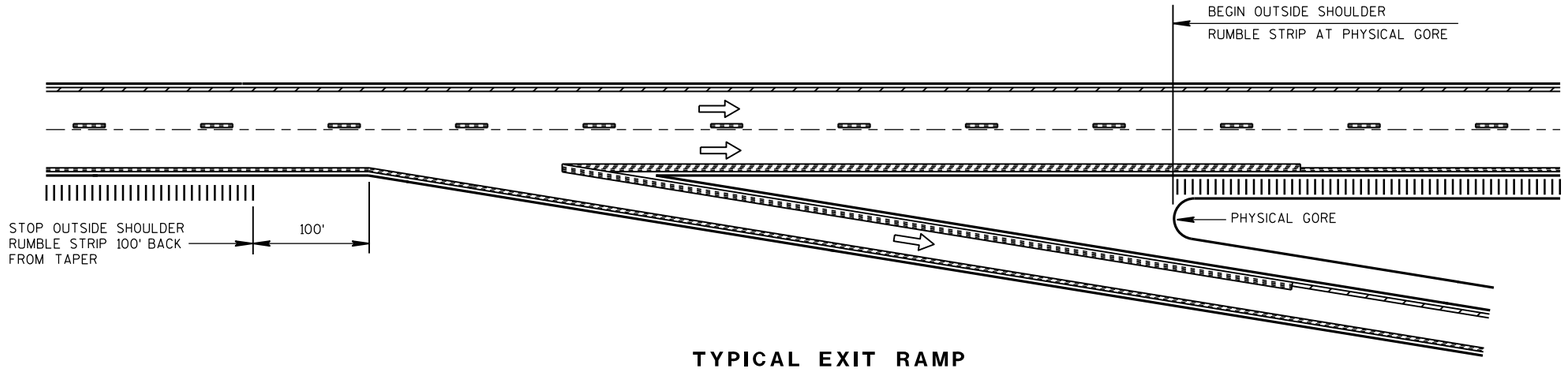
S.D.D. 13 A 5-5a



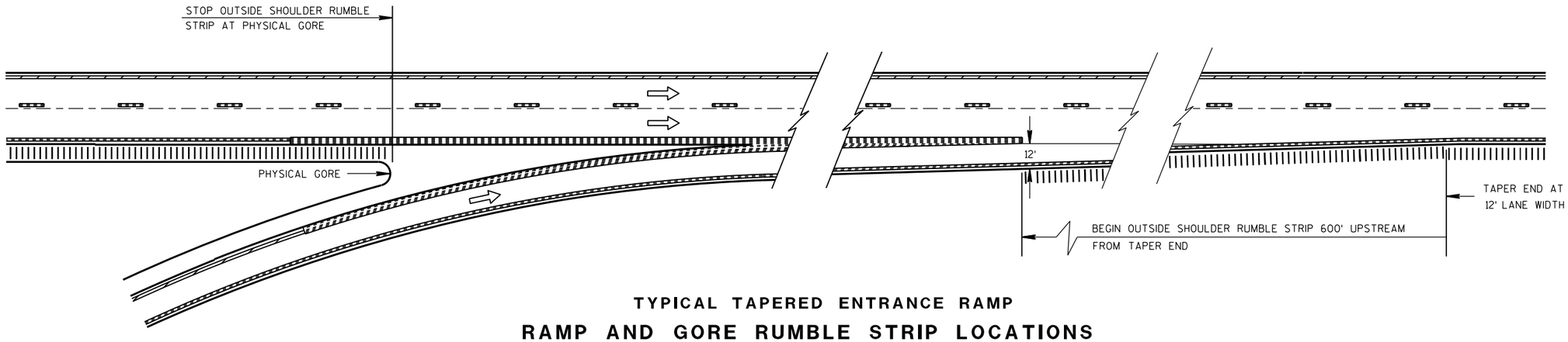
TYPICAL EXIT RAMP

NOTES:

NO RUMBLE STRIP ON EXIT, DIRECTIONAL, OR ENTRANCE RAMPS, EXCEPT NEAR THE ENTRANCE TAPER END AND ALONG THE PARALLEL RAMP AREA AS SHOWN.

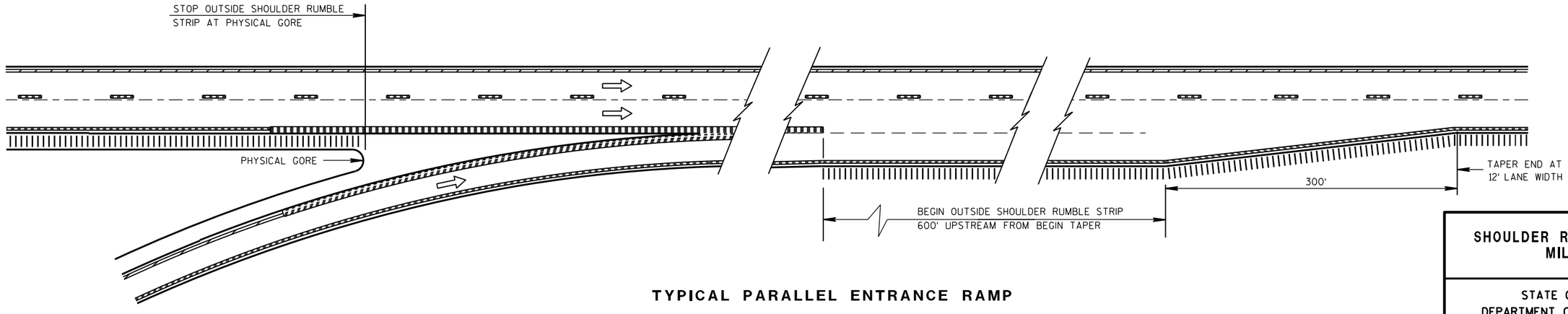
PAVEMENT MARKING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL



TYPICAL TAPERED ENTRANCE RAMP

RAMP AND GORE RUMBLE STRIP LOCATIONS



TYPICAL PARALLEL ENTRANCE RAMP

RAMP AND GORE RUMBLE STRIP LOCATIONS

SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12/17/2012 — DATE
/S/ Jerry H. Zoga — ROADWAY STANDARDS ENGINEER
FHWA

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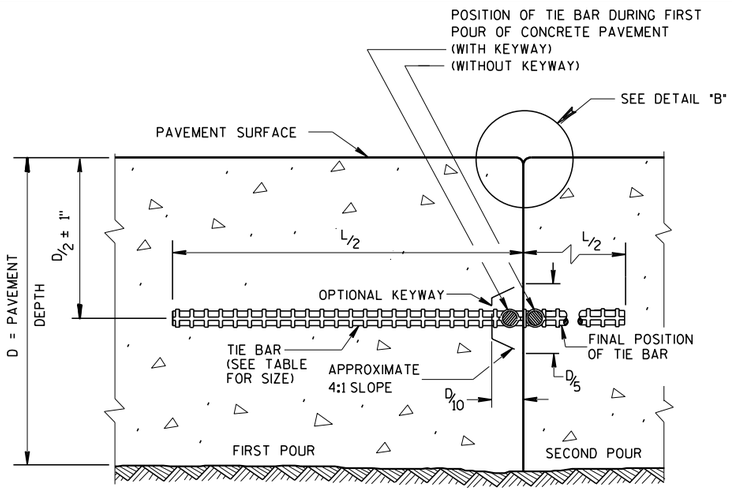
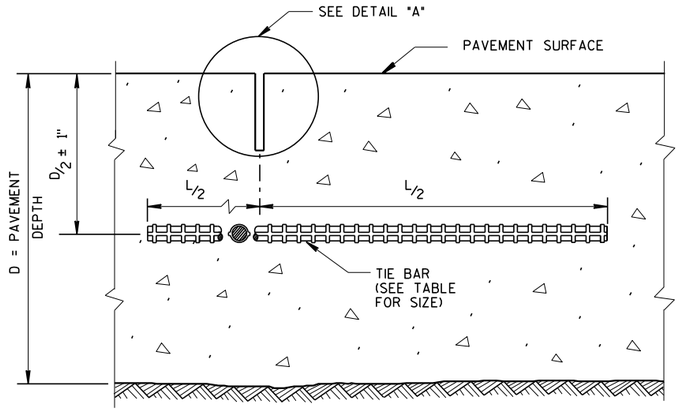
S.D.D. 13 A 5-5b



CONSTRUCTION JOINT



SAWED JOINT

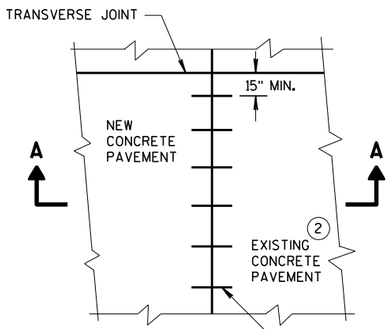
GENERAL NOTES

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

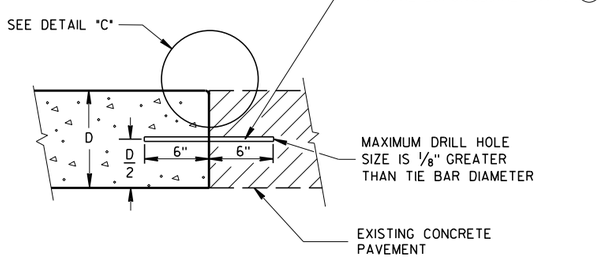
CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.

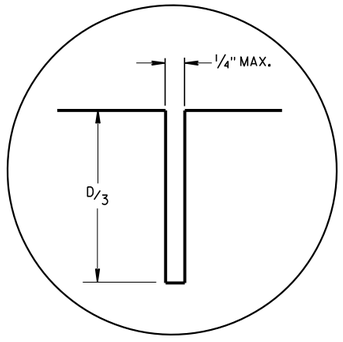


PLAN VIEW

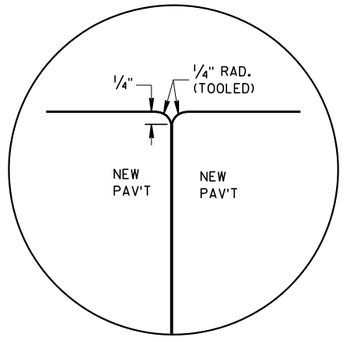


SECTION A-A

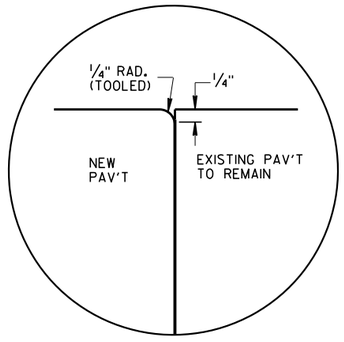
LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT



DETAIL "A"



DETAIL "B"



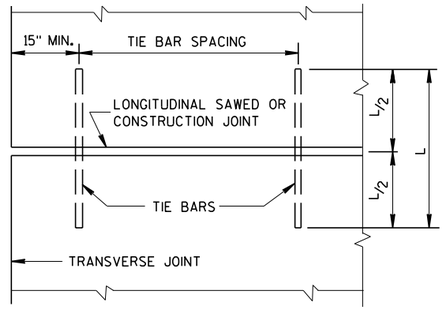
DETAIL "C"

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



PLAN VIEW
SHOWING LOCATION OF TIE BARS

CONCRETE PAVEMENT
LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018 — DATE
/S/ Peter Kemp P.E. — PAVEMENT SUPE
FHWA

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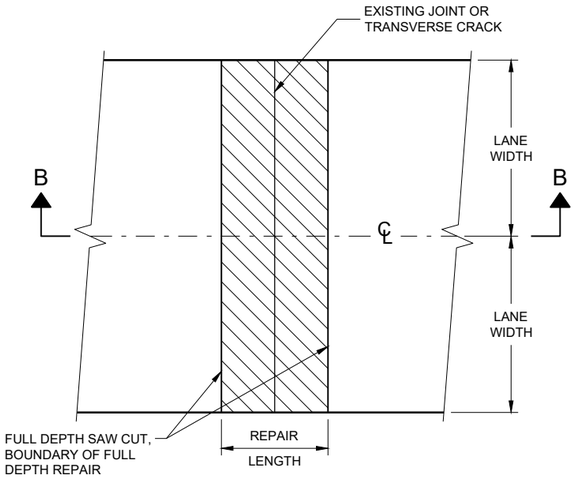
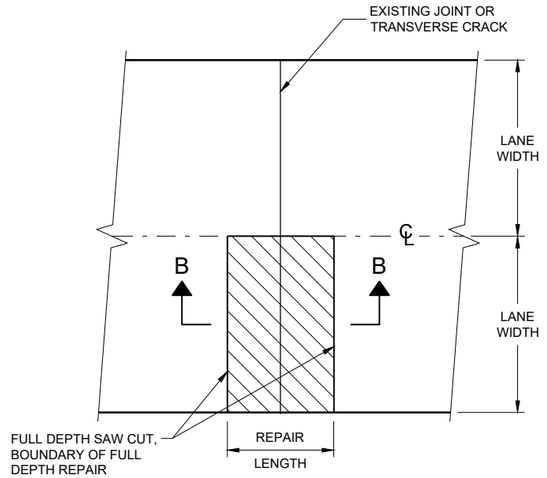


PLAN VIEW
(DOUBLE LANE REPAIR)



PLAN VIEW
(SINGLE LANE REPAIR)

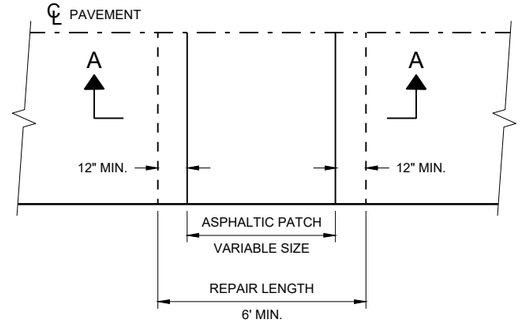
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

PROVIDE A 6 FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREA TO ADJACENT TRANSVERSE JOINT OR CRACK.

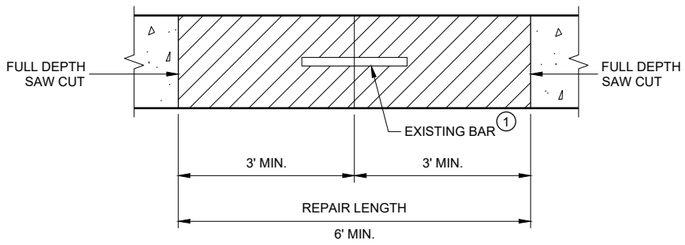
THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

(1) DOWEL BARS MAY NOT BE PRESENT.



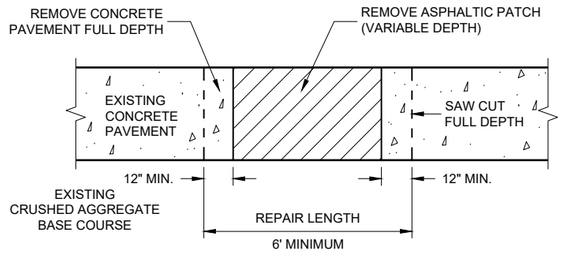
PLAN VIEW

FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION B - B

CONCRETE REMOVAL



SECTION A - A

HMA PATCH REMOVAL

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

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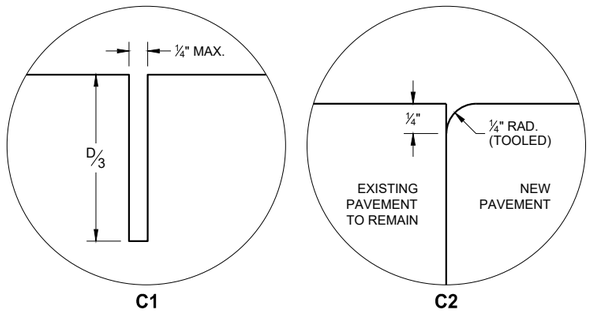
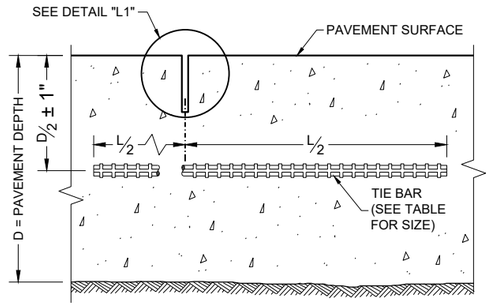
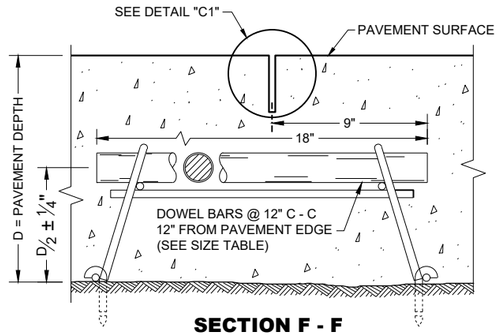


TRANSVERSE JOINTS



SECTION C - C

SAWED LONGITUDINAL JOINT



SECTION F - F

DOWELED CONTRACTION JOINT

GENERAL NOTES

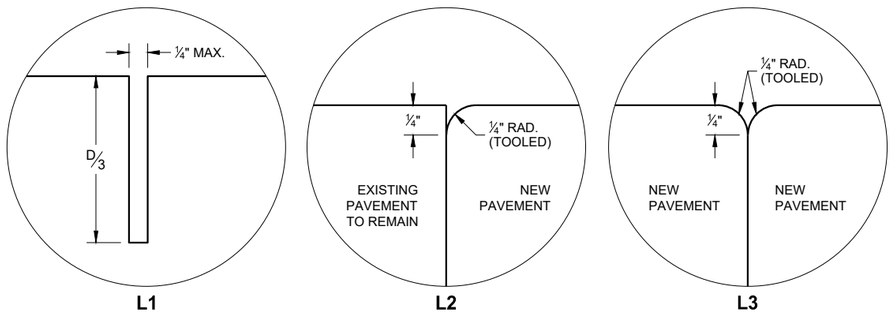
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE PAVEMENT REPAIRS OF EXISTING NON-DOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

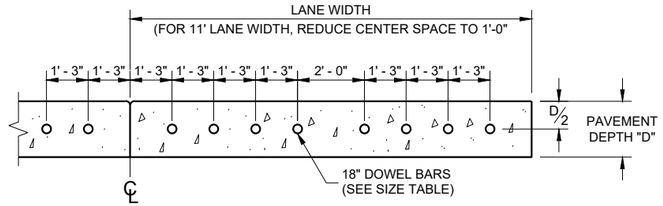
ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

FOR MULTI-LANE CONCRETE PAVEMENT REPLACEMENTS, PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

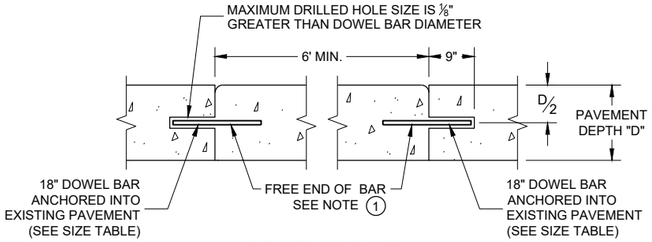


LONGITUDINAL JOINTS



SECTION E - E

DRILLED DOWEL BAR CONSTRUCTION JOINT



SECTION D - D

TIE BAR TABLE

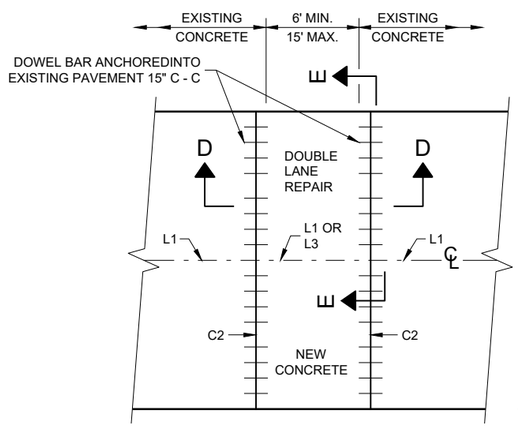
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

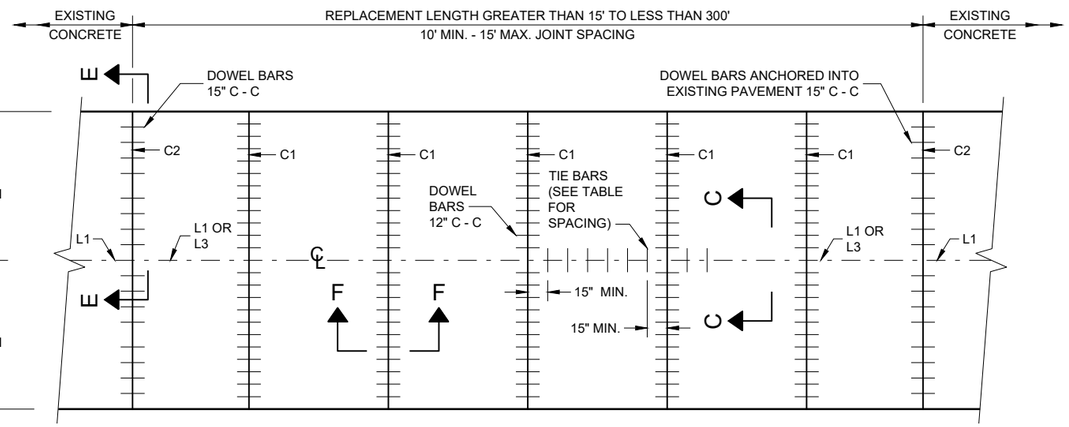
PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	DRILLED DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
6", 6 ½"	NONE	NONE	12'
7", 7 ½"	1"	1"	14'
8" & ABOVE	1 ¼"	1 ¼"	15'



PLAN VIEW

MULTILANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

MULTILANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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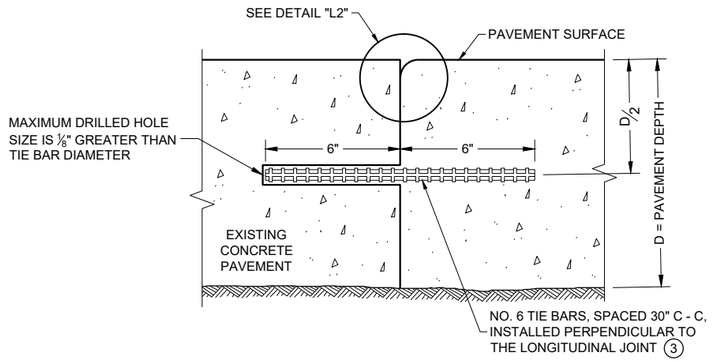
SDD 13C09 - 17b
SDD 13C09 - 17b

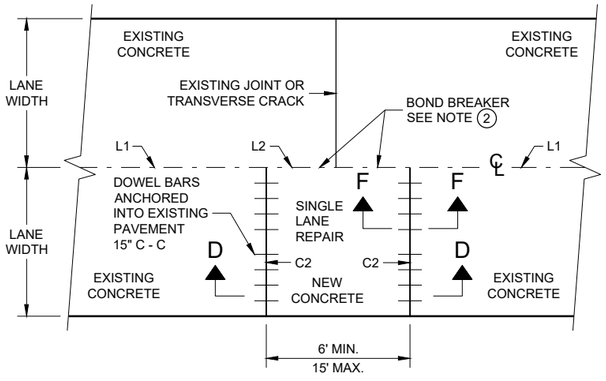


SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT

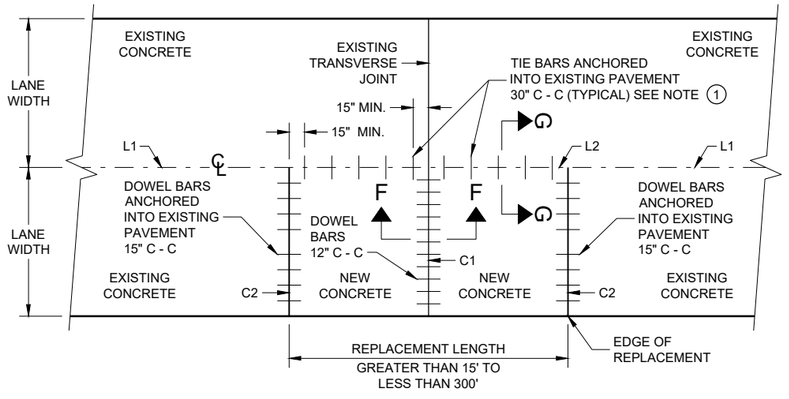
GENERAL NOTES

1. WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.
2. USE AN ENGINEER APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.
3. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE
/S/ Peter Kemp P.E.
PAVEMENT SUPERVISO

FHWA

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SDD 13C09 - 16c

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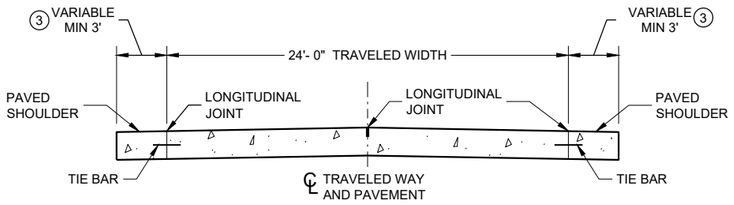
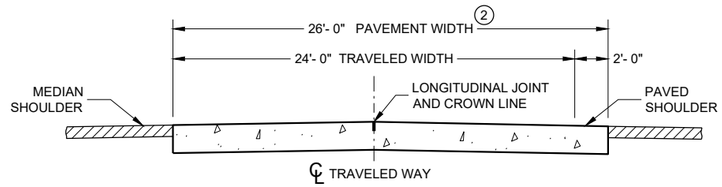
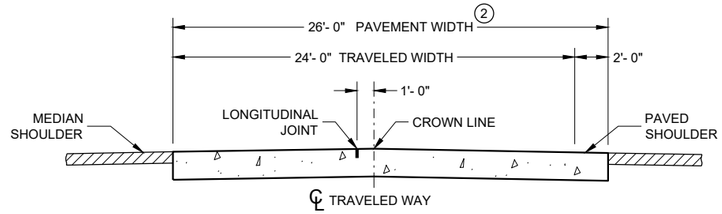


SECTION A - A

TWO-LANE TWO-WAY HIGHWAY (1)



SECTION B - B



ALTERNATIVE SECTION B - B

DIVIDED HIGHWAY (1)

GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE. SHOW THE LOCATION OF CONTRACTION JOINTS THROUGH INTERSECTIONS ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

FOR PAVEMENT SLABS OF VARYING WIDTHS, LOCATE THE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS A MINIMUM OF 6 INCHES FROM AND A MAXIMUM OF 18 INCHES FROM THE FREE EDGE OF PAVEMENT.

CONSTRUCTION JOINTS

LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO THE CONTRACTION JOINTS.

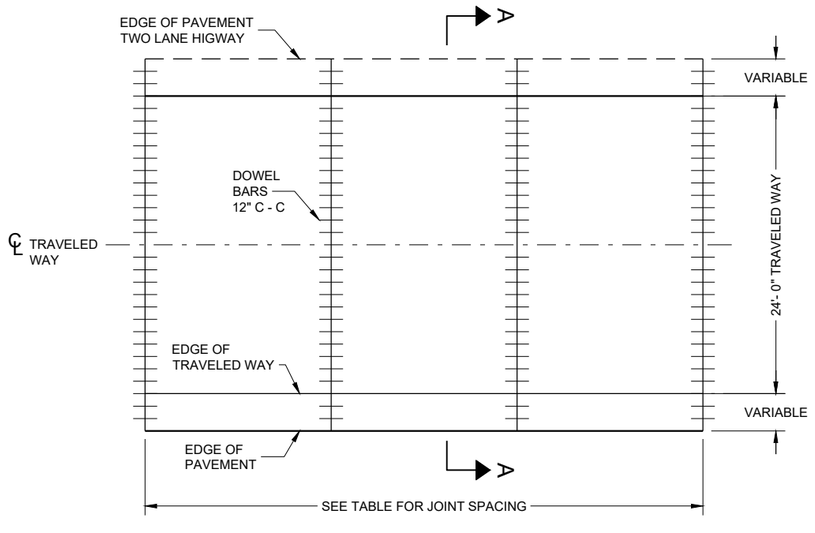
(1) REFER TO TYPICAL CROSS SECTIONS FOR ADDITIONAL DETAILS.

(2) MEASURE THE ENTIRE PAVED WIDTH INCLUDING THE PORTION(S) LABELED "PAVED SHOULDER" AS CONCRETE PAVEMENT.

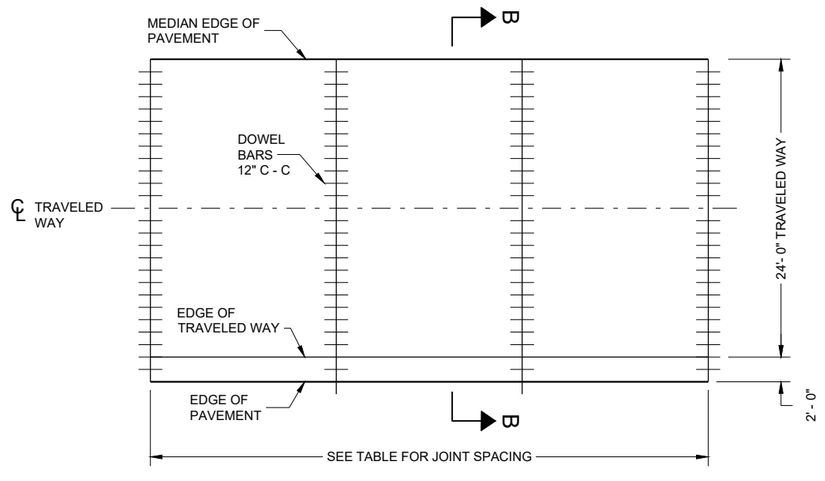
(3) SHOULDER WIDTHS LESS THAN 3 FEET SHALL BE PAVED INTEGRAL TO THE MAINLINE CONCRETE PAVEMENT, SEE SECTION B-B.

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
6", 6 ½"	NONE	12'
7", 7 ½"	1"	14'
8" & ABOVE	1 ¼"	15'



CONTRACTION JOINT LAYOUT FOR TWO-LANE TWO-WAY HIGHWAY



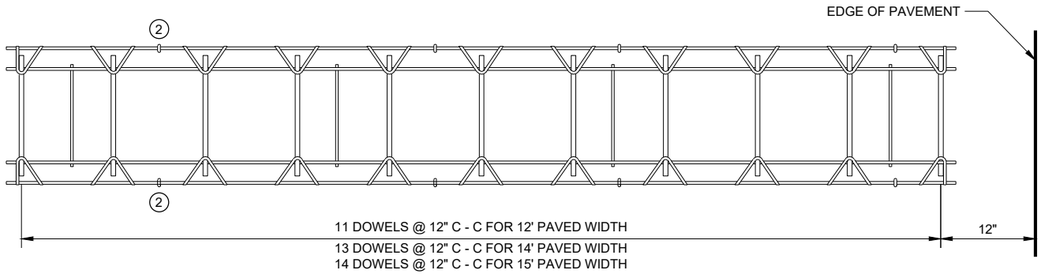
CONTRACTION JOINT LAYOUT FOR DIVIDED HIGHWAY

RURAL DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 13C11 - 14a

SDD13C11 - 14a



PLAN VIEW



SIDE VIEW

(NORMAL TO CENTERLINE)

CONTRACTION JOINT DOWEL ASSEMBLY (1)

GENERAL NOTES

(1) OBTAIN THE ENGINEER'S APPROVAL FOR THE USE OF ALTERNATIVE DESIGNS OF THE DOWEL ASSEMBLY. USE MECHANICAL DOWEL BAR INSERTERS OR DOWEL ASSEMBLIES WHEN CONSTRUCTION CONTRACTION JOINTS.

(2) SECURE BASKETS WITH ANCHORS TO HOLD DOWEL BARS IN THE CORRECT POSITION AND ALIGNMENT. TYPE, LOCATION, NUMBER AND LENGTH OF ANCHORS ARE DEPENDENT UPON FIELD CONDITIONS.

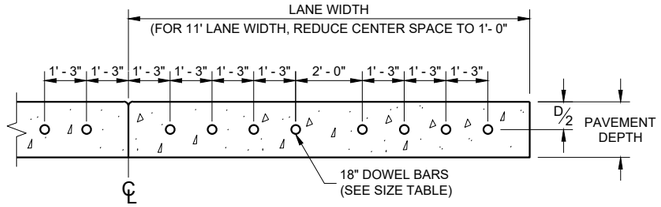
(3) FORM OR SAW CONSTRUCTION JOINTS. PROVIDE A ¼" RADIUS AT FORMED JOINTS.

(4) PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS.

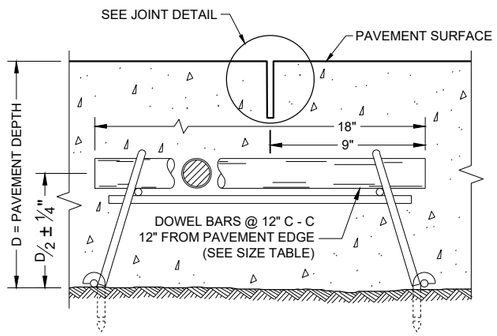
(5) INSTALL DOWEL BARS AT CONSTRUCTION JOINTS BY FORMING OR DRILLING. INSTALL FORMED DOWEL BARS 12 INCHES C - C AND 12 INCHES FROM PAVEMENT EDGE. REMOVE EXCESS CONCRETE FROM THE FREE END OF THE DOWEL BAR IF DOWEL BARS ARE FORMED THROUGH A HEADER BOARD. INSTALL DRILLED DOWEL BARS ACCORDING TO THE "DRILLED DOWEL BAR CONSTRUCTION JOINT" DETAIL.

(6) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

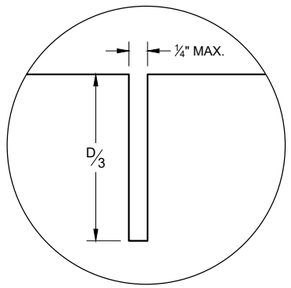
(7) ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY. MAXIMUM DRILLED HOLE SIZE IS ⅛" GREATER THAN DOWEL BAR DIAMETER, 9 INCHES IN LENGTH.



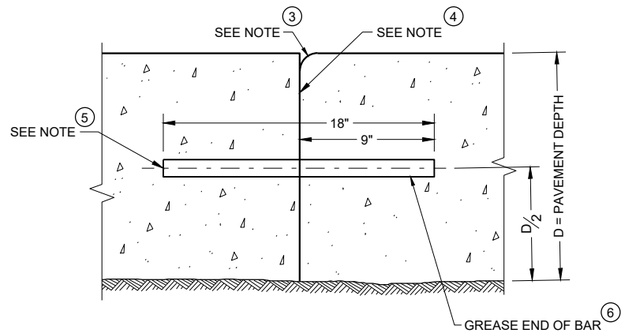
DRILLED DOWEL BAR CONSTRUCTION JOINT (7)



DOWELED CONTRACTION JOINT



JOINT DETAIL



TRANSVERSE CONSTRUCTION JOINT

RURAL DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

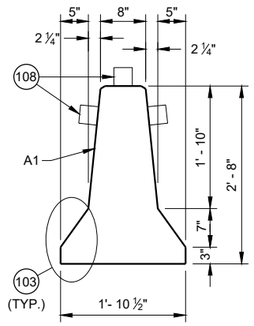
APPROVED
November 2022
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVISOR

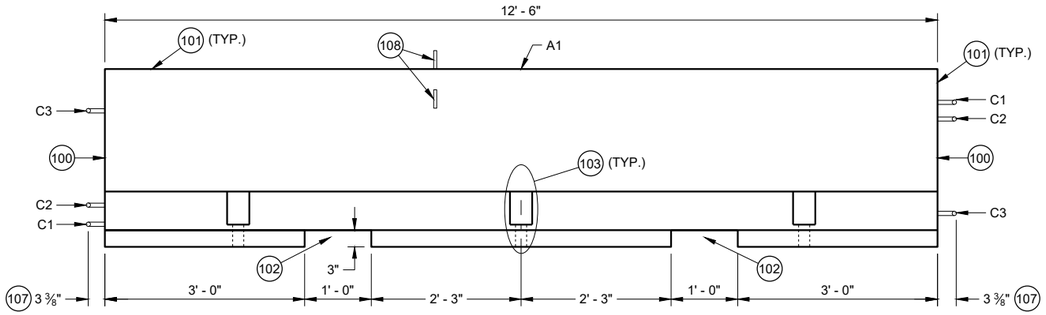
FHWA

6

SDD 13C11 - 14b



CROSS SECTION



PROFILE VIEW

GENERAL NOTES

PLACE BARRIER ON PAVED SURFACE. BEFORE PLACEMENT OF TEMPORARY BARRIER, REMOVE ALL LOOSE MATERIAL FROM PAVED SURFACE.

LOOP BARS C1, C2 AND C3 ARE NOT FOR PLACEMENT OR MOVEMENT OF BARRIER.

(100) PERMANENTLY FORM INTO ONE END OF BARRIER THE FOLLOWING INFORMATION:
- A. TYPE OF BARRIER: WI-CBTP
- B. MANUFACTURER
- C. DATE OF MANUFACTURE (MONTH AND YEAR)

(101) 1" OPTIONAL CHAMFER

(102) SEE LIFTING SLOT DETAIL

(103) SEE ANCHOR BLOCK DETAIL

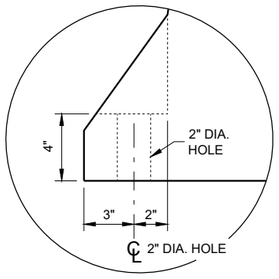
(104) 1 ¾" MIN. CLEAR COVER

(105) 2" MIN. CLEAR COVER

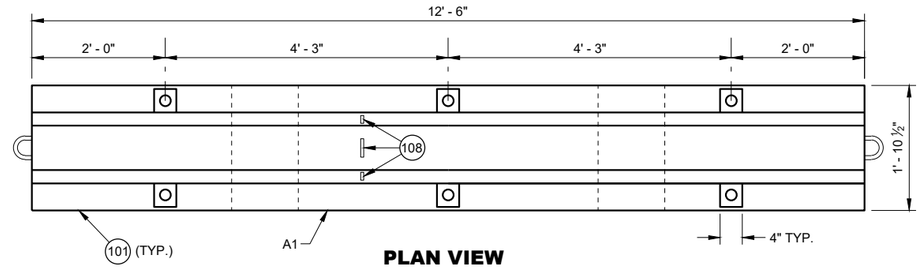
(106) 1" MIN. CLEAR COVER

(107) ± ⅛" MEASURED FROM FACE OF CONCRETE BARRIER TO OUTSIDE OF LOOP BAR (TYP.)

(108) USE DELINEATORS CONFORMING TO SECTION 633 OF THE STANDARD SPECIFICATIONS. CONTRACTOR MY USE ALTERNATE SHAPES AND HOUSING. INSTALL DELINEATORS ACCORDING TO MANUFACTURERS INSTRUCTION. INSTALL YELLOW REFLECTORS WHEN BARRIER IS LOCATED LEFT OF TRAFFIC AND WHITE WHEN BARRIER IS LOCATED RIGHT OF TRAFFIC. SPACE DELINEATORS A MAXIMUM OF 25 FEET APART, PROVIDE TO MOUNTED DELINEATORS IN ADDITION TO SIDE MOUNTED DELINEATORS ON BARRIER INSTALLATIONS LOCATED ON A CURVED ALIGNMENT LONGER THAT 200 FEET AND ON BARRIERS USED TO SEPARATE OPPOSING TRAFFIC.

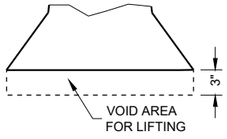


ANCHOR BLOCK DETAIL

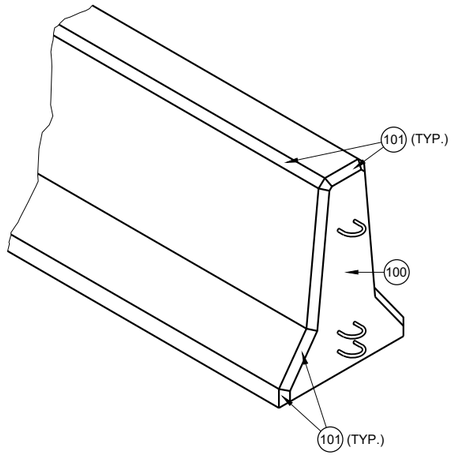


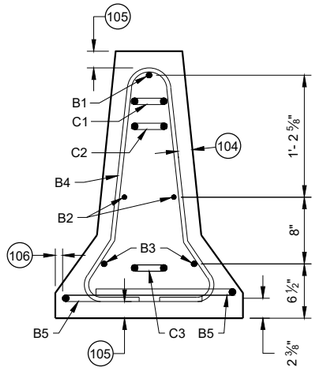
PLAN VIEW

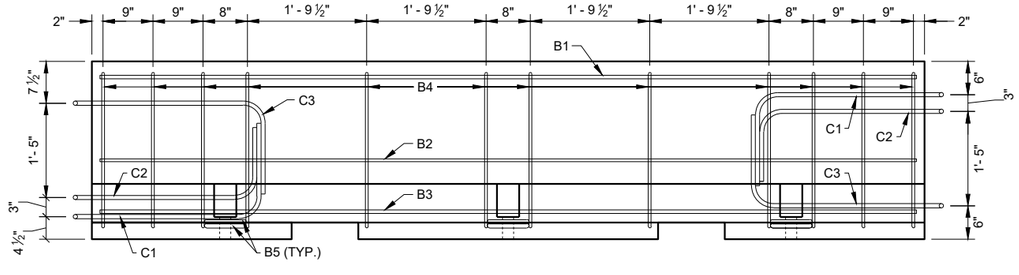
TEMPORARY BARRIER



LIFTING SLOT DETAIL (TYP.)



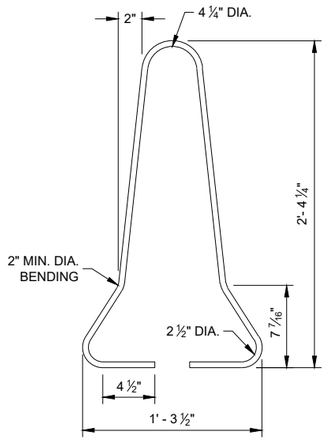




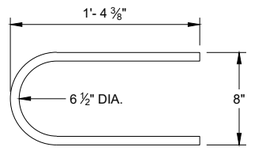
PROFILE VIEW

TEMPORARY BARRIER REINFORCEMENT

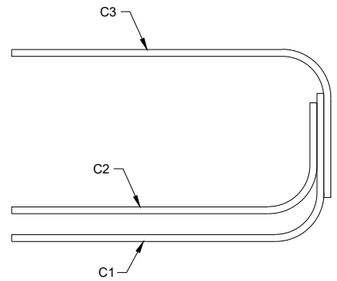
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"



B4 BAR DETAIL

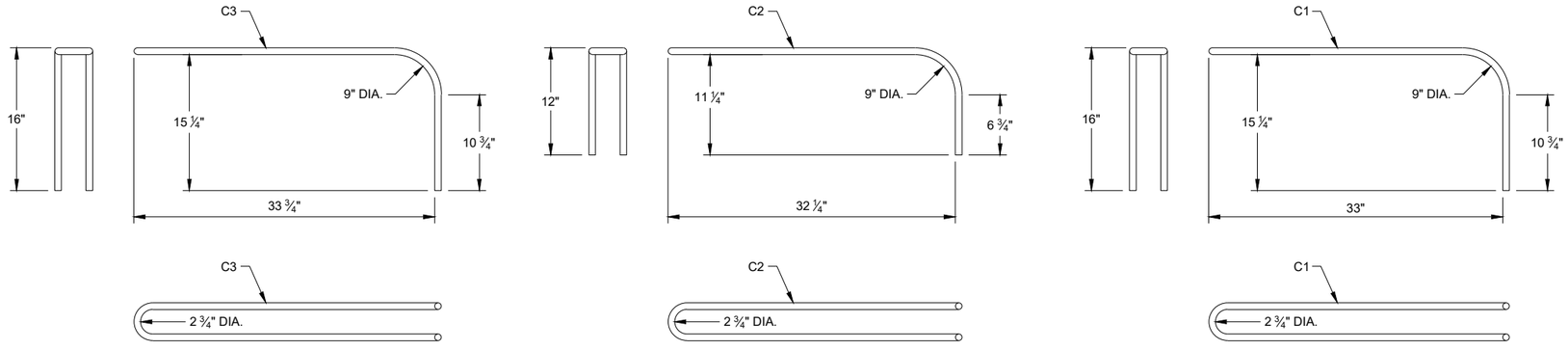


B5 BAR DETAIL



PROFILE VIEW

LOOP BAR ASSEMBLY



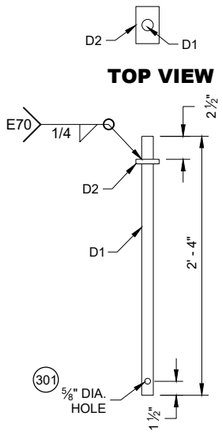
C BAR DETAILS

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

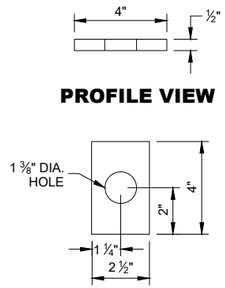
SDD 14B07-16b



TOP VIEW

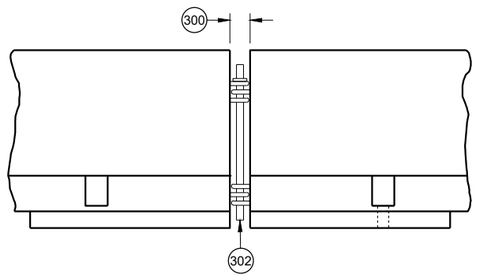
PROFILE VIEW

CONNECTOR PIN ASSEMBLY



PROFILE VIEW

TOP VIEW D2



CONNECTING TEMPORARY BARRIER SECTIONS

GENERAL NOTES

300 SET WITH 3 ⅝" WOOD BLOCK.

301 HOLE IS OPTIONAL.

302 CONNECTOR PIN ASSEMBLY.

303 CONCRETE PAVEMENT, APPROACH SLAB, OR DECK.

304 CONCRETE DECK.

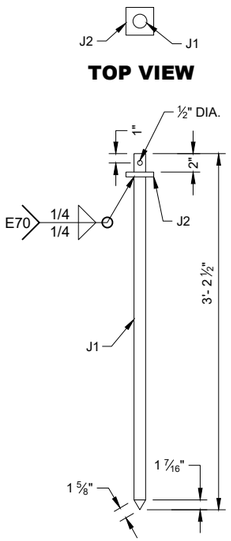
305 DO NOT USE ON CONCRETE BRIDGE DECK WITH ASPHALT OVERLAY OR CONCRETE PAVEMENT WITH ASPHALT OVERLAY.

306 MINIMUM OF 2" OF ASPHALT.

307 ASPHALT ANCHOR PIN ASSEMBLY

308 IF DRILLING A PILOT HOLE, THE MAX, DIA. OF THE HOLE IS 3/4"

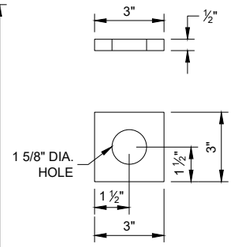
309 WHEN THERE IS ASPHALT OVERLAYING CONCRETE PAVEMENT, A 1 5/8" DIA. PILOT HOLE CAN BE DRILLED INTO THE OVERLAY AND CONCRETE. IF NEEDED DRILL A 3/4" PILOT HOLE IN BASE COURSE.



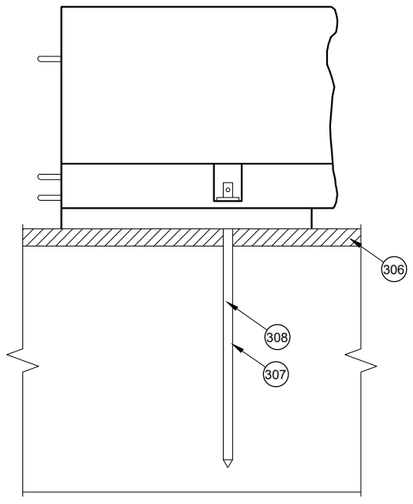
TOP VIEW

PROFILE VIEW

ASPHALT ANCHOR PIN ASSEMBLY

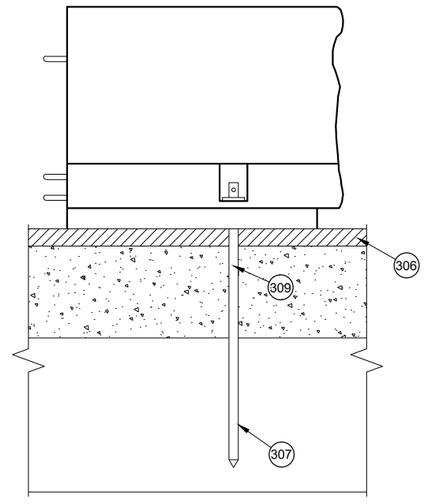


TOP VIEW J2



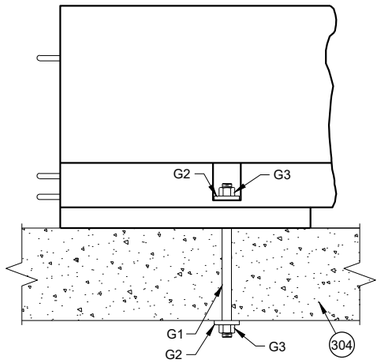
SIDE VIEW

ASPHALT ANCHOR INSTALLATION THROUGH ASPHALT PAVEMENT



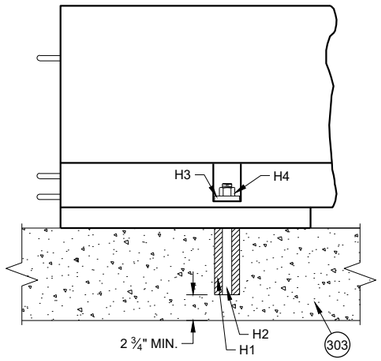
SIDE VIEW

ASPHALT ANCHOR INSTALLATION THROUGH ASPHALT OVERLAY ON TOP OF CONCRETE PAVEMENT



SIDE VIEW

THROUGH BOLT ANCHOR INSTALLATION 305



SIDE VIEW

ADHESIVE ANCHOR INSTALLATION 305

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

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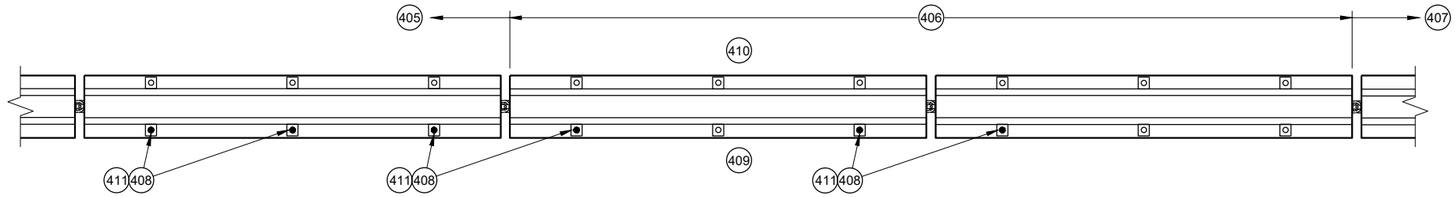
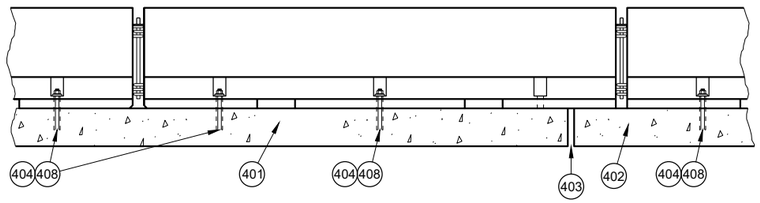


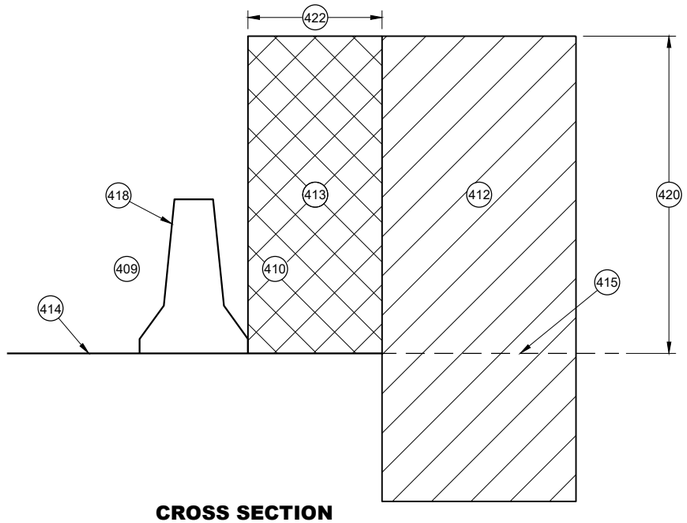
PLAN VIEW

TRANSITION FROM FREE STANDING TO ANCHORED BARRIER



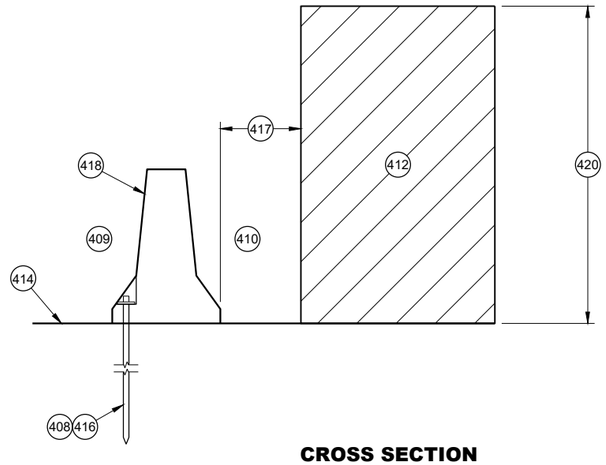
PROFILE VIEW

ANCHORED BARRIER NEAR EXPANSION JOINT (400)



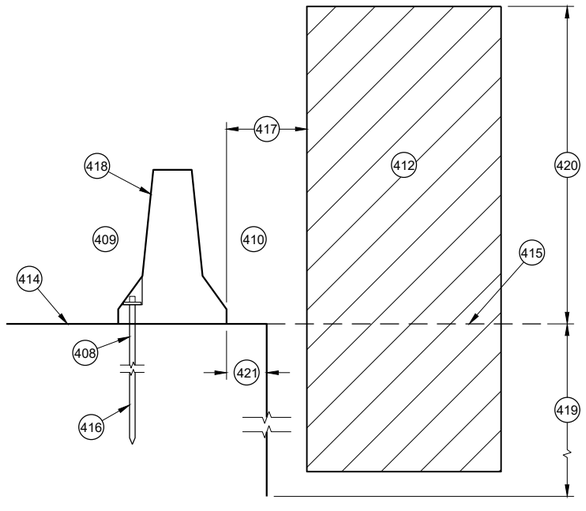
CROSS SECTION

FREE STANDING BARRIER



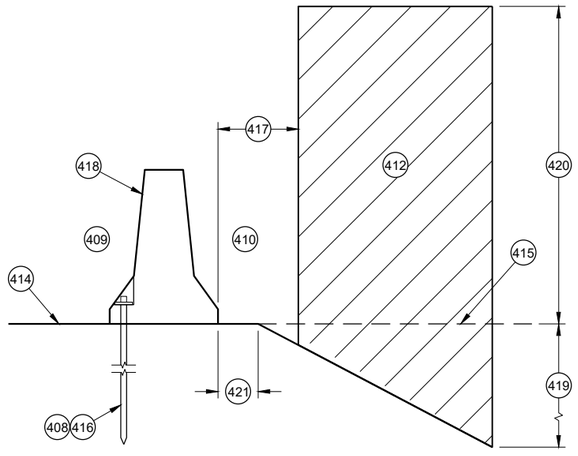
CROSS SECTION

ANCHORED BARRIER FOR OBJECTS ABOVE THE GRADE LINE AND NEAR THE BARRIER



CROSS SECTION

ANCHORED BARRIER NEAR VERTICAL DROP OFF



CROSS SECTION

ANCHORED BARRIER NEAR A SLOPE

GENERAL NOTES

(400) NO SINGLE CONCRETE BARRIER SECTION SHALL BE ANCHORED TO BOTH THE BRIDGE DECK AND THE APPROACH SLAB. ALL ANCHOR BOLT LOCATIONS SHALL BE ANCHORED TO THE DECK IN ACCORDANCE WITH THE DETAIL. NO MORE THAN ONE ANCHOR BOLT SHALL BE ELIMINATED FROM A BARRIER SECTION WHEN SPANNING AN EXPANSION JOINT.

(401) CONCRETE DECK

(402) CONCRETE DECK OR APPROACH SLAB.

(403) EXPANSION JOINT

(404) ADHESIVE ANCHOR SHOWN. SEE ANCHOR DETAILS.

(405) ANCHORED TEMPORARY BARRIER

(406) TRANSITION FROM ANCHORED TEMPORARY BARRIER TO FREE STANDING

(407) FREE STANDING BARRIER

(408) REMOVE ALL ANCHORS WHEN NO LONGER NEEDED. FILL CONCRETE PAVEMENTS, DECKS AND APPROACH SLABS WITH NON-SHRINK COMMERCIAL GROUT FROM THE APPROVED PRODUCT LIST. FILL ASPHALT PAVEMENTS WITH ASTM D6690 TYPE II RUBBERIZED CRACK FILLER.

(409) TRAFFIC SIDE

(410) NON-TRAFFIC SIDE

(411) ANCHOR LOCATION. SEE ANCHORING DETAILS.

(412) WORK AREA

(413) AREA FREE OF OBJECTS AND WORKERS

(414) GRADE LINE

(415) EXTENDED GRADE LINE

(416) ANCHORED TEMPORARY BARRIER. SEE BOLT THROUGH DECK, REMOVABLE ADHESIVE ANCHOR, OR AN ASPHALT ANCHOR ROD DETAILS FOR MORE INFORMATION. ASPHALT ANCHOR ROD SHOWN.

(417) WHEN OBJECTS EXTEND ABOVE THE GRADE. A MINIMUM OF 1 FOOT IS REQUIRED FROM BACK OF BARRIER TO OBJECT.

(418) OBJECTS ARE NOT TO BE PLACED ON, MOUNTED TO, OR ALLOWED TO LEAN AGAINST THE BARRIER WITHOUT WRITTEN PERMISSION OF THE PROJECT ENGINEER.

(419) DEPTHS OF 3 FEET OR MORE.

(420) Y = 6.5'

(421) OFFSET FROM BACK OF BARRIER EDGE:

CONCRETE PAVEMENT	0.5'
ASPHALT	0.5'

(422) POSTED SPEED (MPH):

45 OR GREATER	4.0'
40 OR LOWER	2.0'

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

6

SDD 14B07-16d

GENERAL NOTES

500 EXISTING RIGID BARRIERS (VARIES)

501 TEMPORARY BARRIER

502 SEE OTHER DETAIL ON HOW TO ANCHOR TEMPORARY BARRIER (BARRIER ASPHALT ANCHOR SHOWN).

503 ANCHORS ARE REQUIRED ON BOTH SIDE OF THE TEMPORARY BARRIER.

504 NESTED RAILS ARE REQUIRED ON BOTH SIDES OF THE TEMPORARY BARRIER FOR ALL INSTALLATIONS.

505 TRAFFIC TRAVELS FROM PERMANENT BARRIER TO TEMPORARY BARRIER.

506 TRAFFIC TRAVELS FROM TEMPORARY BARRIER TO PERMANENT BARRIER.

507 VERTICAL BARRIER

508 SAFETY SHAPE BARRIER

509 SINGLE SLOPE BARRIER

510 CAP END PLATE PLACED FLUSH WITH UPSTREAM END OF RIGID BARRIER.

511 BENT THRIE BEAM TO FIT.

512 THRIE BEAM PIECES ARE OFFSET 15 ¼" TO PREVENT INTERFERENCE FROM THE ANCHORS ON OPPOSING SIDES.

513 TWO (2) P1, P2 AND P3 ARE REQUIRED

514 FIVE (5) N1, N2 AND N3 ARE REQUIRED

515 TWO (2) R1, R2 AND R3 ARE REQUIRED

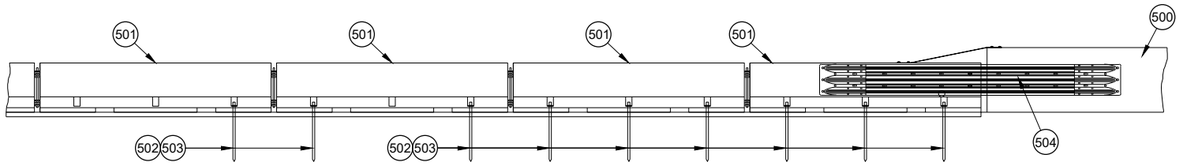
516 CUT WOOD BLOCK TO FIT.

517 SEE THRIE BEAM RAIL TERMINAL CONNECTOR DETAIL ASSEMBLY.

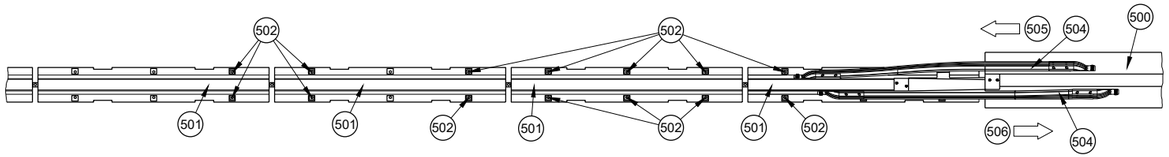
518 CAP ASSEMBLY

519 4" MAX. GAP BETWEEN TEMPORARY BARRIER AND RIGID BARRIER.

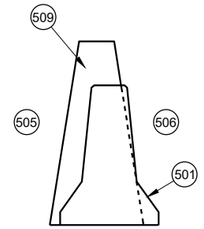
520 ALL TWELVE SPLICE HOLES REQUIRE M1 AND M2



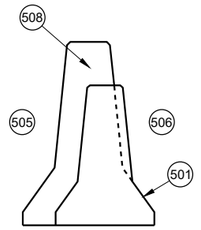
PROFILE VIEW



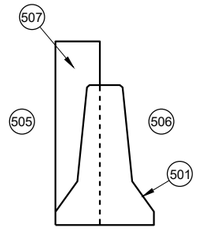
PLAN VIEW



CROSS SECTION TEMPORARY BARRIER PLACEMENT SINGLE SLOPE

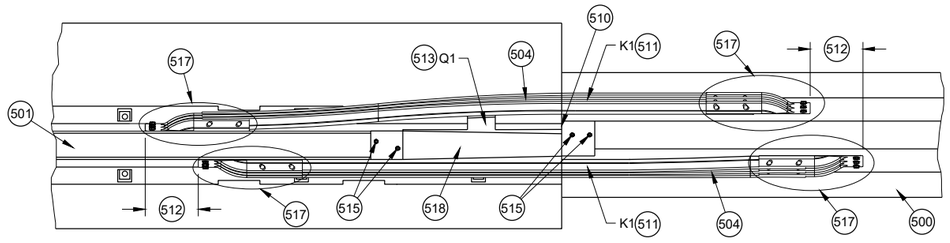


CROSS SECTION TEMPORARY BARRIER PLACEMENT SAFETY SHAPE

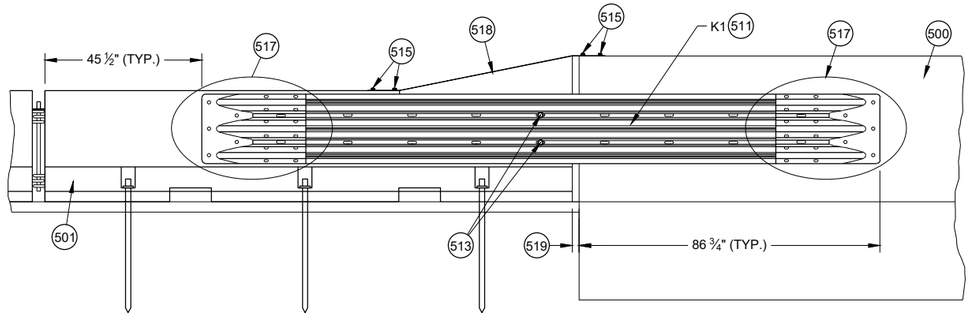


CROSS SECTION TEMPORARY BARRIER PLACEMENT VERTICAL

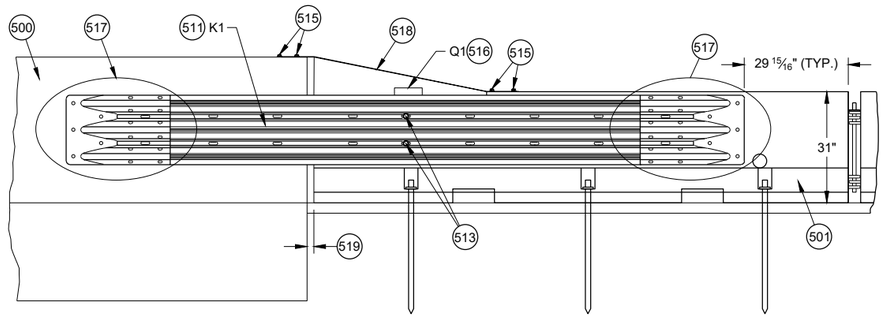
PLAN VIEW
TRANSITION TO RIGID BARRIER



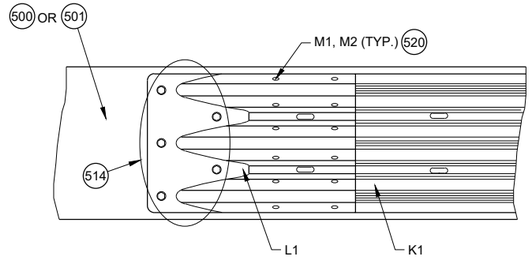
PLAN DETAIL VIEW
TRANSITION TO RIGID BARRIER



FRONT DETAIL VIEW
TRANSITION TO RIGID BARRIER



BACK DETAIL VIEW
TRANSITION TO RIGID BARRIER

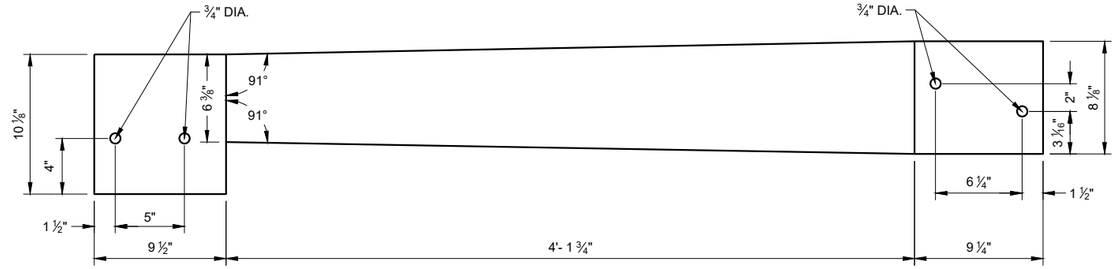


517 DETAIL PLAN VIEW
THRIE BEAM RAIL TERMINAL CONNECTOR ASSEMBLY

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

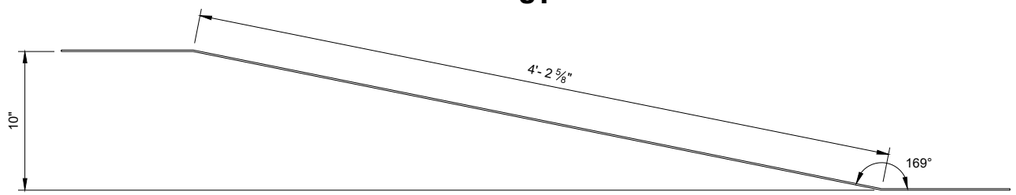
6

SDD 14B07-16e



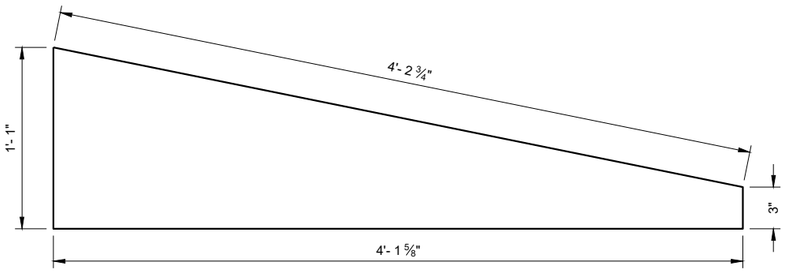
TOP VIEW

S1



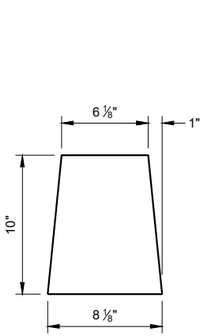
ELEVATION VIEW

S1

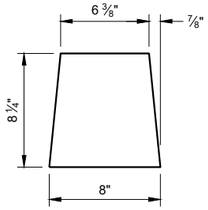


SIDE VIEW

S3



S2



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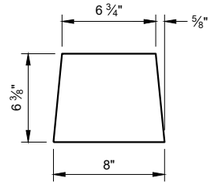

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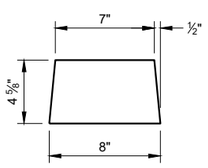

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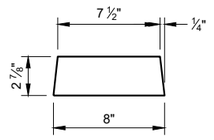

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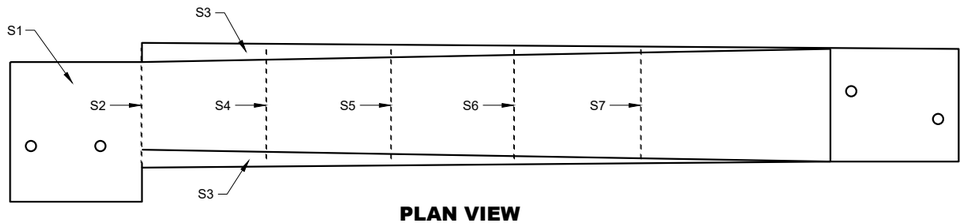
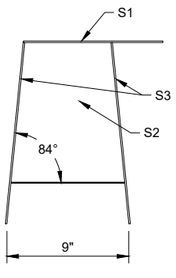
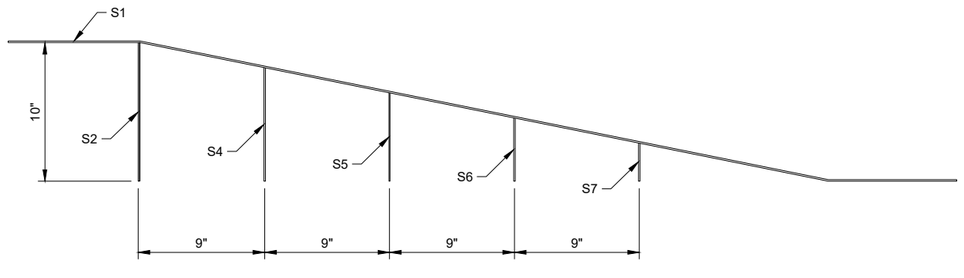


PLAN VIEW



BACK VIEW



SIDE VIEW (600)

42" TOP CAP ASSEMBLY

GENERAL NOTES

STITCH WELD GUSSET PLATES AND END PLATES ON THREE SIDES

STITCH WELD TWO SIDE PLATES TO TOP PLATE, END PLATE AND GUSSETS.

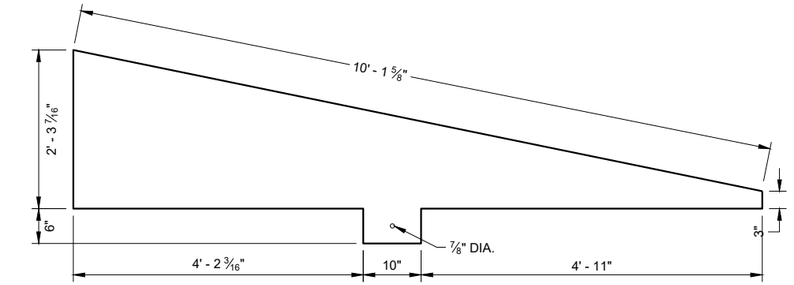
(600) SIDE PLATES (S3) NOT SHOWN FOR CLARITY.

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

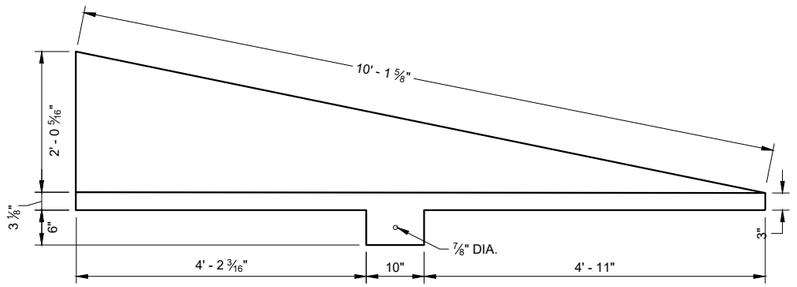
SDD 14B07-16f



SIDE VIEW
T4



END VIEW



SIDE VIEW
T3

END VIEW

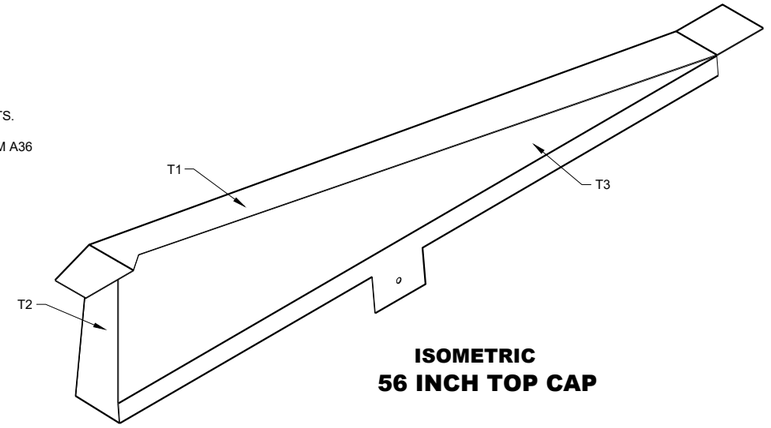
GENERAL NOTES

STITCH WELD GUSSET PLATES AND END PLATES ON THRIE SIDES

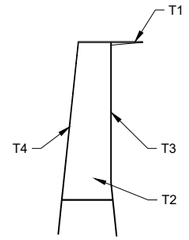
STITCH WELD TWO SIDE PLATES TO TOP PLATE, END PLATE AND GUSSETS.

SIDE PLATES, TOP PLATE, END PLATE AND GUSSETS ARE 12 GAUGE ASTM A36 GALVANIZED STEEL.

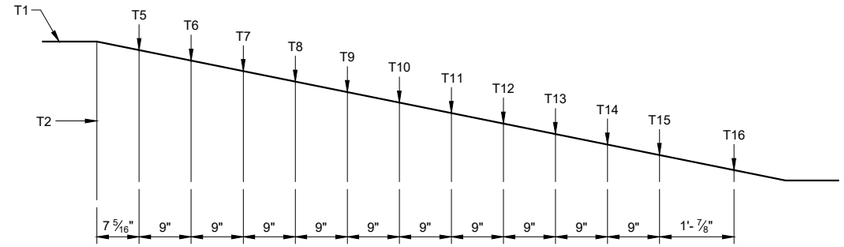
(700) SIDE PLATES (T3 AND T4) NOT SHOWN FOR CLARITY.



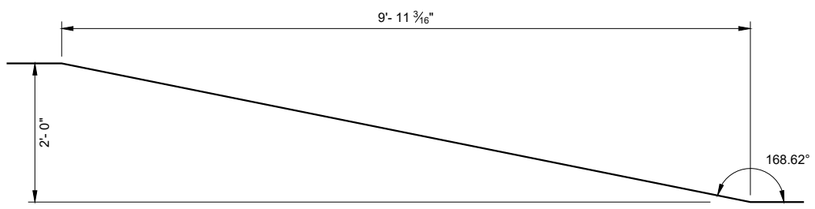
ISOMETRIC
56 INCH TOP CAP



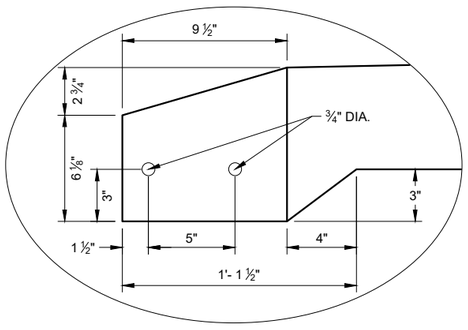
END VIEW
56 INCH TOP CAP



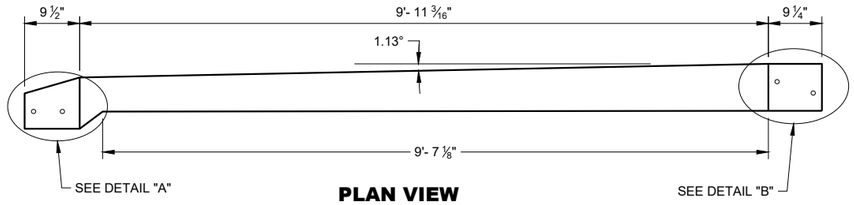
SIDE VIEW (700)
56 INCH TOP CAP



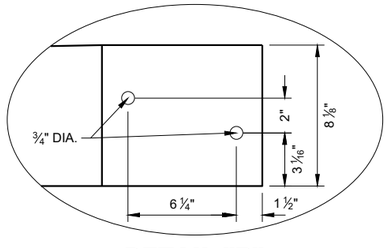
SIDE VIEW
TOP PLATE T1



DETAIL "A"



PLAN VIEW
TOP PLATE T1



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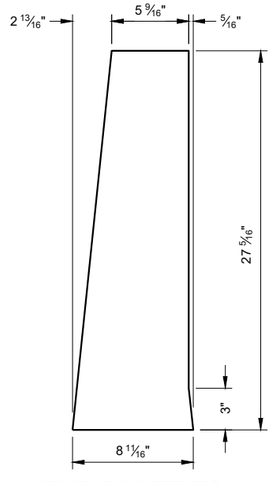
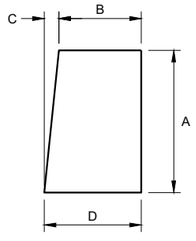


END PLATE T2



GUSSET PLATES
T5 - T16

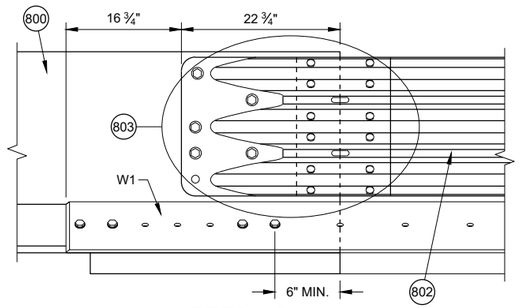
GUSSET DIMENSIONS				
GUSSET NO.	A	B	C	D
T5	22 13/16"	5 1/16"	2 5/16"	8 1/16"
T6	21"	5 7/8"	2 3/16"	8 1/16"
T7	19 3/16"	6 1/16"	1 15/16"	8 1/16"
T8	17 3/8"	6 1/4"	1 13/16"	8 1/16"
T9	15 5/16"	6 7/16"	1 9/16"	8 1/16"
T10	13 3/4"	6 5/8"	1 7/16"	8 1/16"
T11	11 15/16"	6 13/16"	1 1/4"	8 1/16"
T12	10 1/8"	7"	1 1/16"	8 1/16"
T13	8 5/16"	7 3/16"	7/8"	8 1/16"
T14	6 1/2"	7 3/8"	1 1/16"	8 1/16"
T15	4 11/16"	7 9/16"	1/2"	8"
T16	2 7/8"	7 3/4"	1/4"	8"

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B07-16g



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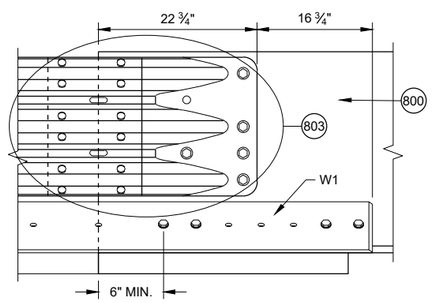

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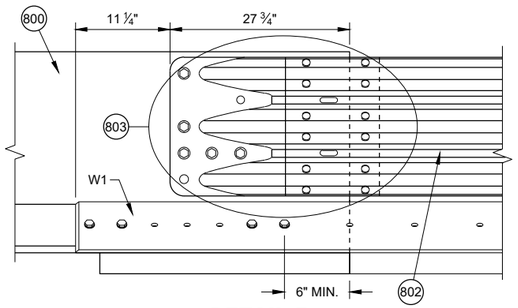

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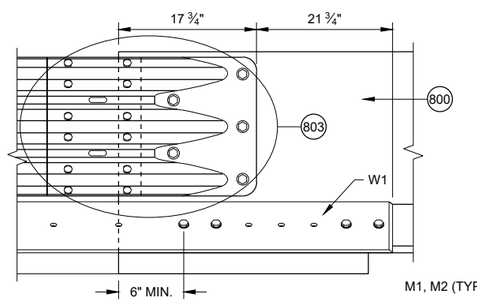

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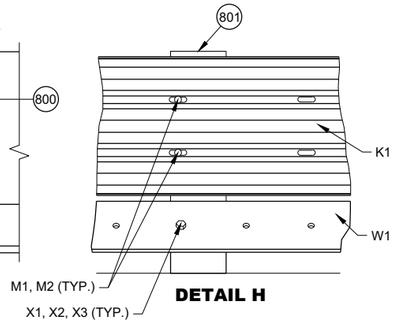

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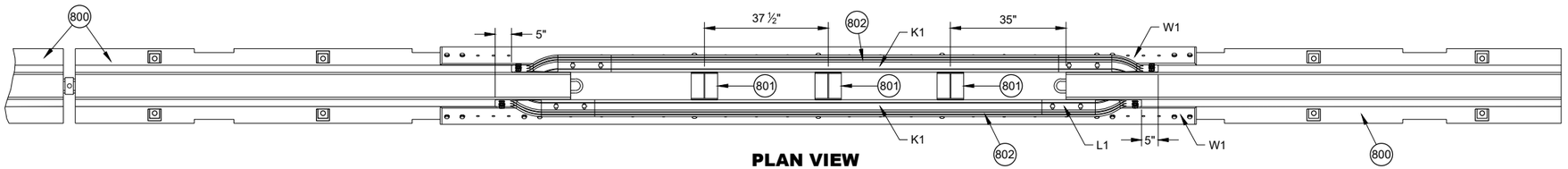


PLAN VIEW

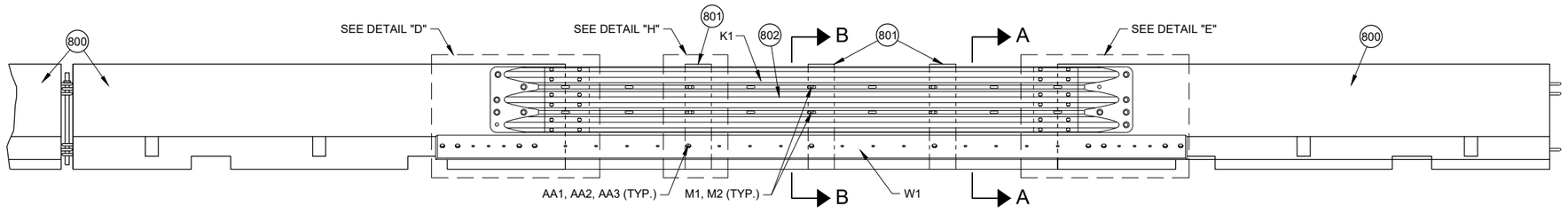
GENERAL NOTES

(800) FREE STANDING TEMPORARY BARRIER

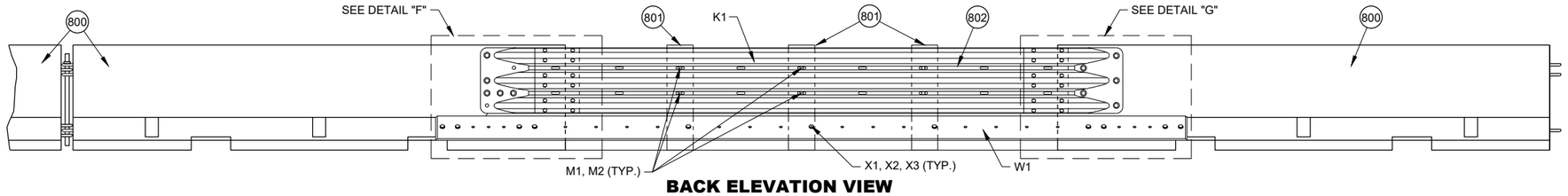
(801) GAP STIFFENER ASSEMBLY

(802) THRIE BEAMS ARE NESTED ON BOTH SIDES OF THE TEMPORARY BARRIER.

(803) SEE THRIE BEAM RAIL TERMINAL CONNECTOR DETAIL



FRONT ELEVATION VIEW



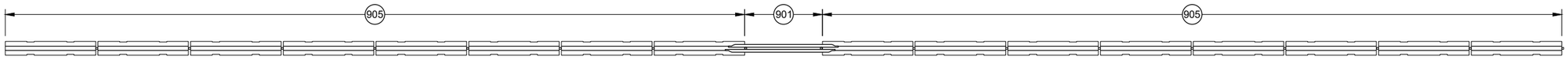
BACK ELEVATION VIEW

PORTABLE CONCRETE BARRIER GAP THRIE BEAM COVER

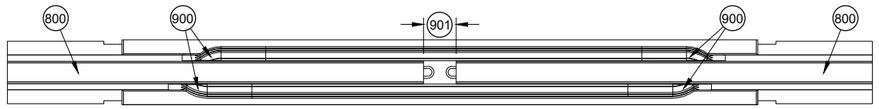
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 14B07-16h



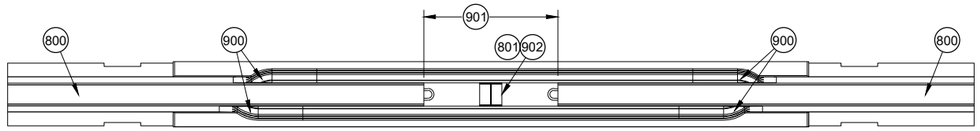
PLAN VIEW
GAP WITHIN SPACING



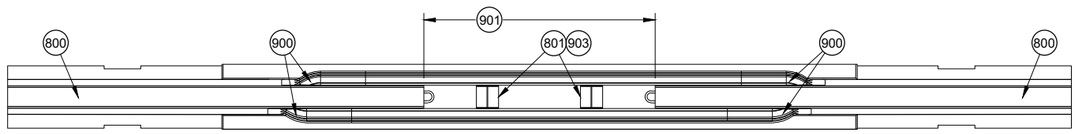
PLAN VIEW
TEMPORARY BARRIER GAP OVER 4" TO 1' MAX. (904)

GENERAL NOTES

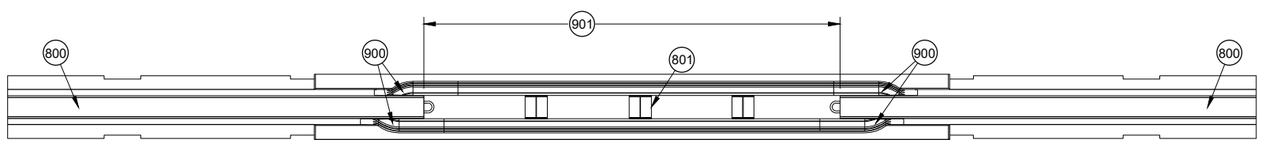
(900) SEE OTHER DETAILS FOR TEMPORARY GAP HARDWARE (TYP.)
(901) TEMPORARY BARRIER GAP
(902) GAP STIFFENER ASSEMBLY CENTERED IN THE GAP.
(903) GAP STIFFENER ASSEMBLY IS OFFSET 18 ¾" FROM CENTER
(904) MINIMUM NUMBER OF GAP STIFFENERS SHOWN FOR THE GAP RANGE SHOWN.
(905) MINIMUM OF 8 CONTINUOUS FREE STANDING TEMPORARY BARRIERS



PLAN VIEW
TEMPORARY BARRIER GAP OVER 1' TO 4' MAX. (904)



PLAN VIEW
TEMPORARY BARRIER GAP OVER 4' TO 7' MAX. (904)



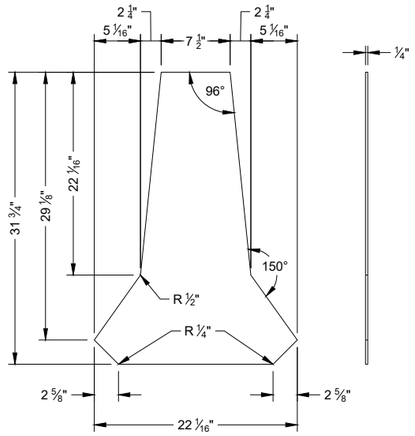
PLAN VIEW
TEMPORARY BARRIER GAP OVER 7' TO 12.5' MAX. (904)

6

SDD 14B07-16i

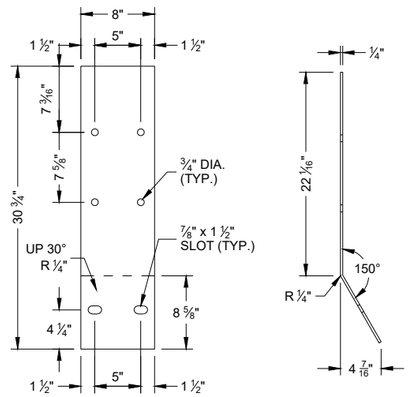
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

6
SDD 14B07-16i



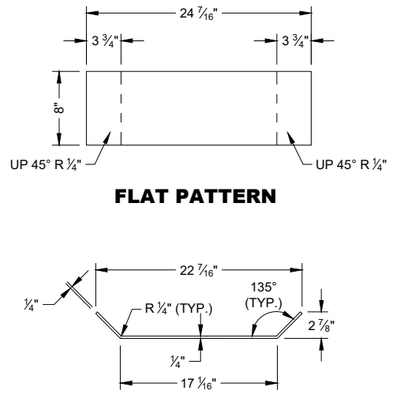
PROFILE VIEW SIDE VIEW

STIFFENER ASSEMBLY CENTER PANEL U1



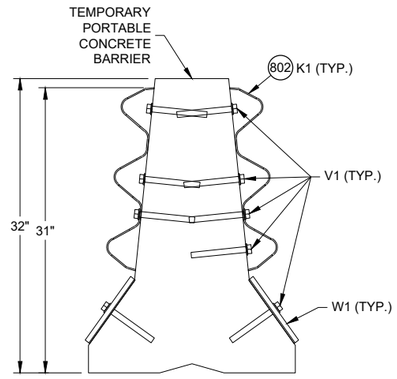
FLAT PATTERN SIDE VIEW

STIFFENER ASSEMBLY SIDE PANEL U2

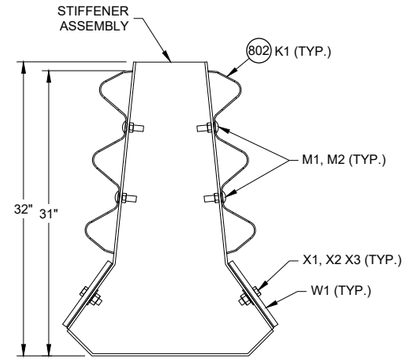


PROFILE VIEW

STIFFENER ASSEMBLY BOTTOM PANEL U3

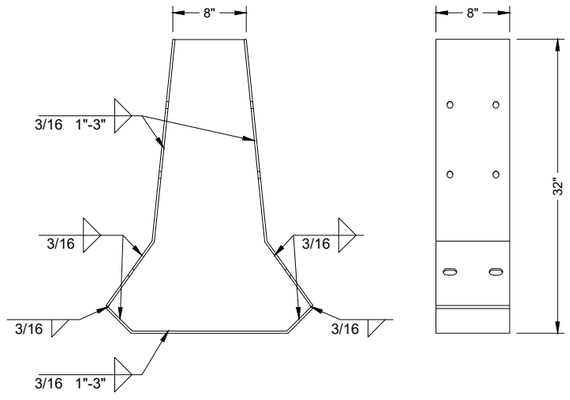


SECTION A - A



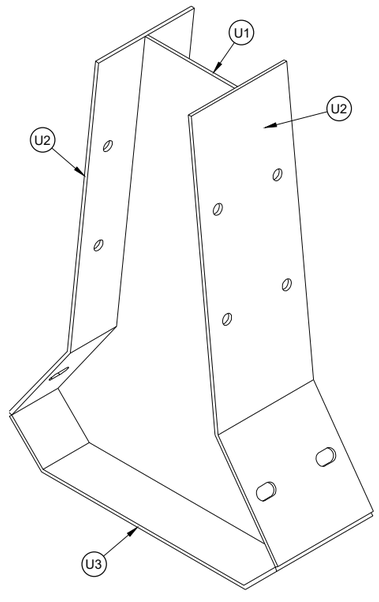
SECTION B - B

PLAN VIEW



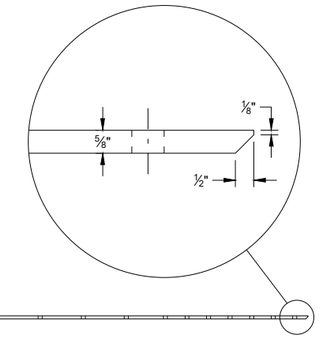
PROFILE VIEW

SIDE VIEW

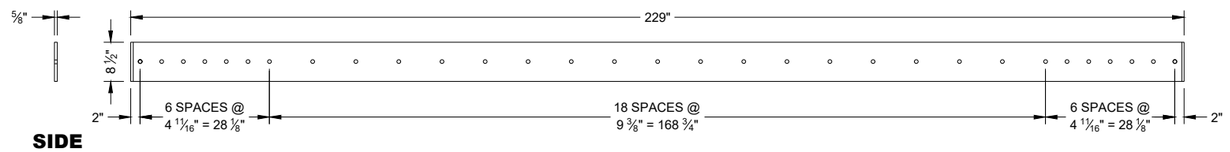


ISOMETRIC

GAP STIFFENER ASSEMBLY



PLAN VIEW



SIDE VIEW

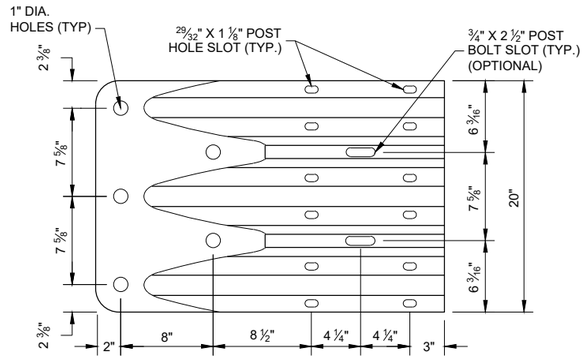
ELEVATION VIEW

W1 TOE PLATE

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

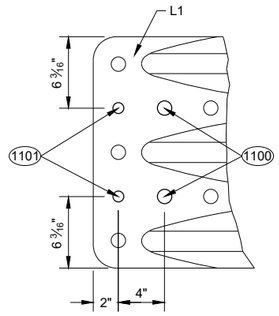
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 14B07-16j



ELEVATION VIEW

THRIE BEAM TERMINAL CONNECTOR



ELEVATION VIEW

ADDITIONAL THRIE BEAM (1102) TERMINAL CONNECTOR HOLE DETAIL

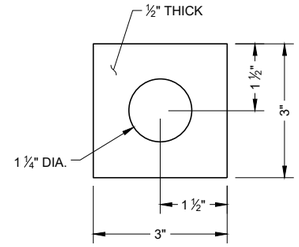


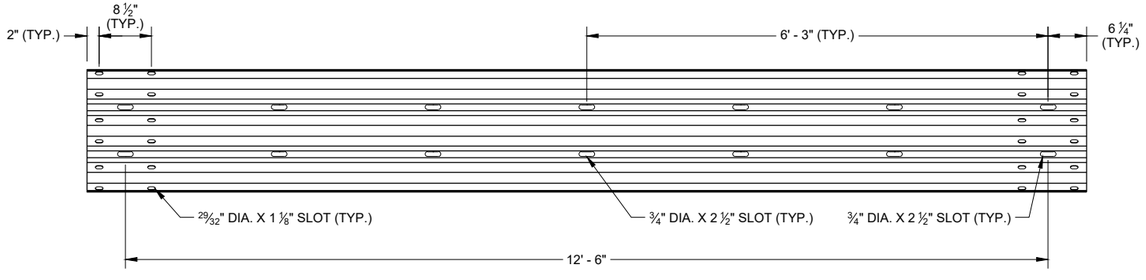
PLATE WASHER DETAIL G2, H3

GENERAL NOTES

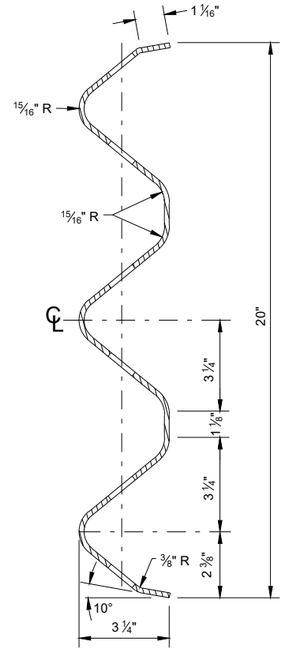
(1100) 1" DIA. HOLE

(1101) 3/4" DIA. HOLE

(1102) PROVIDE HOLES IN THRIE BEAM TERMINAL CONNECTOR TO LIMIT STEEL REINFORCEMENT OR LOOP BAR CONFLICT. CONTRACTOR MAY FIELD DRILL ADDITIONAL HOLE OR PROVIDE THRIE BEAM TERMINAL CONNECTOR WITH ADDITIONAL HOLES FROM SUPPLIER.



SLOTTED THRIE BEAM RAIL K1



SECTION THROUGH BEAM K1

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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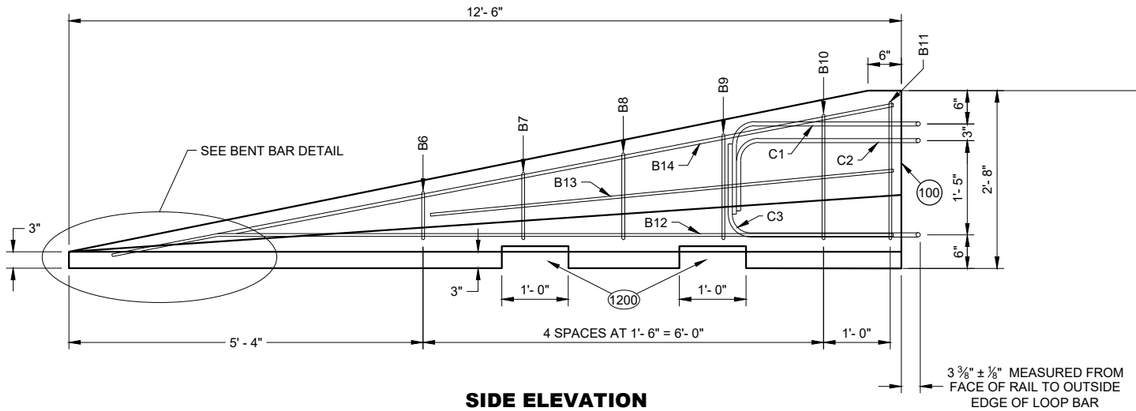
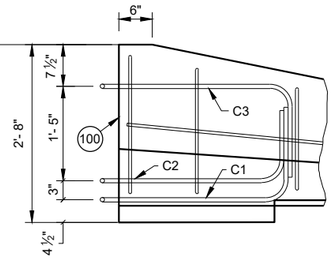
SDD 14B07-16k



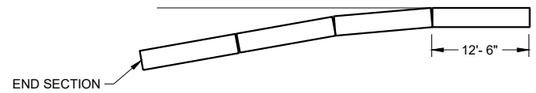
SIDE ELEVATION
(FOR CONNECTION TO LEFT END OF BARRIER)



SIDE ELEVATION
LOOP BAR ASSEMBLY INVERTED FOR OPPOSITE END
(FOR CONNECTION TO RIGHT END OF BARRIER)

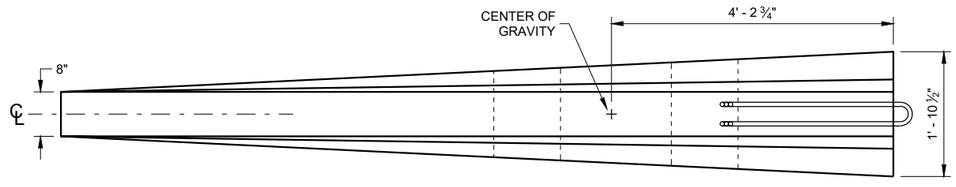
GENERAL NOTES

(1200) SEE LIFTING SLOT DETAIL. LOCATION OF LIFTING SLOTS DETERMINED BY CONTRACTOR.

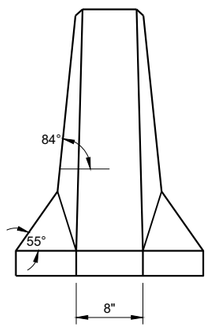


FLARE AT BARRIER END

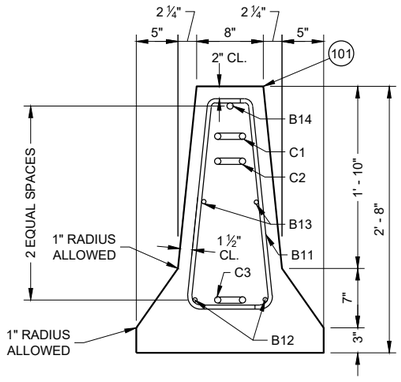
POSTED SPEED, (MPH)	FLARE RATE
40 OR LESS	6:1
45 OR GREATER	8:1



PLAN VIEW

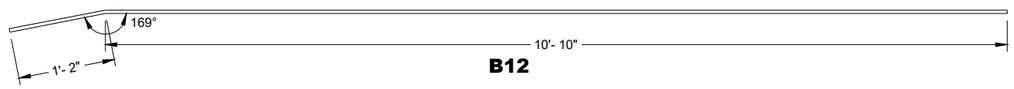


FRONT ELEVATION

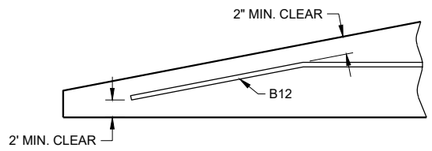


END SECTION

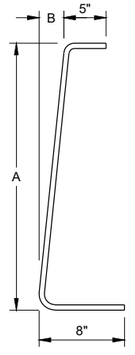
DETAILS OF BARRIER TAPER SECTION



B12



BENT BAR DETAIL



BAR	A	B
B6	10"	1"
B7	1'- 1"	1 ¼"
B8	1'- 5"	1 ⅝"
B9	1'- 8"	1 ⅞"
B10	2'- 0 ½"	2 ⅜"
B11	2'- 3"	2 ¾"

B BARS
2 OF EACH SIZE REQUIRED FOR STIRRUP ASSEMBLY

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

BILL OF MATERIALS - CONCRETE BARRIER PRECAST

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
A1	PRECAST TEMPORARY BARRIER - CONCRETE	MIN. = f'c 5000 PSI	
B1	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 12'-2"
B2	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 12'-2"
B3	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 12'-2"
B4	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 6'-0"
B5	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#6 REBAR, LENGTH 2'-11"
B6	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 1'-11"
B7	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-2"
B8	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-6"
B9	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-9"
B10	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 3'-2"
B11	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 3'-4"
B12	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 12'-0"
B13	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 7'-9"
B14	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 11'-9"
C1	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
C2	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
C3	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
D1	CONNECTION PIN - ROD	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	1 ¼" DIA.
D2	CONNECTION PIN - TOP PLATE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
G1	BOLT THROUGH ANCHOR - THREADED ROD	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 A307 GRADE A OR SAE J429 GRADE 2 UNC	1 ⅛" DIA.
G2	BOLT THROUGH ANCHOR - WASHER, SQUARE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
G3	BOLT THROUGH ANCHOR - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
H1	ADHESIVE ANCHOR - ADHESIVE	ICC-ES-AC308 5 ¼" EMBEDMENT WITH A MIN. BOND STRENGTH OF 1,650 PSI. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
H2	ADHESIVE ANCHOR - THREADED ROD	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 A307 GRADE A / SAE J429 GRADE 2 UNC	1 ⅛" DIA.
H3	ADHESIVE ANCHOR - WASHER, SQUARE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
H4	ADHESIVE ANCHOR - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
J1	ASPHALT ANCHOR PIN - ROD	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	1 ½" DIA.
J2	ASPHALT ANCHOR PIN - STOP PLATE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
K1	THRIE BEAM RAIL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER	12 GAUGE
L1	THRIE BEAM RAIL - TERMINAL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER	12 GAUGE

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
M1	SPLICE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	⅝" DIA.
M2	SPLICE BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
N1	THRIE BEAM RAIL TERMINAL - MECHANICAL ANCHOR	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	¾" DIA. LENGTH 6"
N2	THRIE BEAM RAIL TERMINAL - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
N3	THRIE BEAM RAIL TERMINAL MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 17.9 KIPS AND ULTIMATE SHEAR LOAD 21.96 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
P1	THRIE BEAM RAIL CONNECTION 1-BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	¾" DIA.
P2	THRIE BEAM RAIL CONNECTION 1-WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
P3	THRIE BEAM RAIL CONNETION 1- MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 9.48 KIPS AND ULTIMATE SHEAR LOAD 10.48 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
Q1	BLOCK WOOD	SEE STANDARD SPEC. 614	
R1	CAP - BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	⅝" DIA.
R2	CAP- BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
R3	CAP - BOLT - MECHANICAL ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS ULTIMATE TENSILE LOAD 12.14 KIPS AND ULTIMATE SHEAR LOAD 17.5 KIPS.SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	12 GAUGE
S1	CAP 42-INCH TOP PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S2	CAP 42-INCH END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S3	CAP 42-INCH SIDE PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S4	CAP 42-INCH GUSSET 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S5	CAP 42-INCH GUSSET 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S6	CAP 42-INCH GUSSET 3	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S7	CAP 42-INCH GUSSET 4	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE

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SDD 14B07-16m

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B07-16m

BILL OF MATERIALS - CONCRETE BARRIER PRECAST

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
T1	CAP 56-INCH TOP PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T2	CAP 56-INCH END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T3	CAP 56-INCH SIDE PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T4	CAP 56-INCH SIDE PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T5	CAP 56-INCH GUSSET 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T6	CAP 56-INCH GUSSET 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T7	CAP 56-INCH GUSSET 3	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T8	CAP 42-INCH GUSSET 4	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T9	CAP 42-INCH GUSSET 5	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T10	CAP 42-INCH GUSSET 6	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T11	CAP 42-INCH GUSSET 7	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T12	CAP 42-INCH GUSSET 8	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T13	CAP 42-INCH GUSSET 9	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T14	CAP 42-INCH GUSSET 10	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T15	CAP 42-INCH GUSSET 11	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T16	CAP 42-INCH GUSSET 12	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
U1	GAP STIFFENER	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
U2	GAP STIFFENER - CONNECTOR PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
U3	GAP STIFFENER - CONNECTOR PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
V1	THRIE BEAM RAIL TERMINAL MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS ULTIMATE TENSILE LOAD 24.0 KIPS AND ULTIMATE SHEAR LOAD 21.5 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	¾" DIA.
V2	GAP STIFFENER - BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C O R MECHANICAL GALVANIZE TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
W1	TOE PLATE	AASHTO M111/ASTM A123 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
X1	TOE PLATE - CONNECTION BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 UNC HEAVY HEX HEAD OR AASTHO M180 HEAD, ASTM F3125 GRADE A325 TYPE 1 HEAVY HEX HEAD OR SAE J429 GRADE 5 HEAVY HEX HEAD / ASTM A449 TYPE 1 HEAVY HEX HEAD. BOLTS MAY BE FULLY THREADED. PROVIDE ENOUGH THREADING FOR PROPER TIGHTENING OF BOLT.	¾" DIA.
X2	TOE PLATE - CONNECTION BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1 (HARDEN WASHER ONLY)	
X3	TOE PLATE - CONNECTION BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	

6

SDD 14B07-16n

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

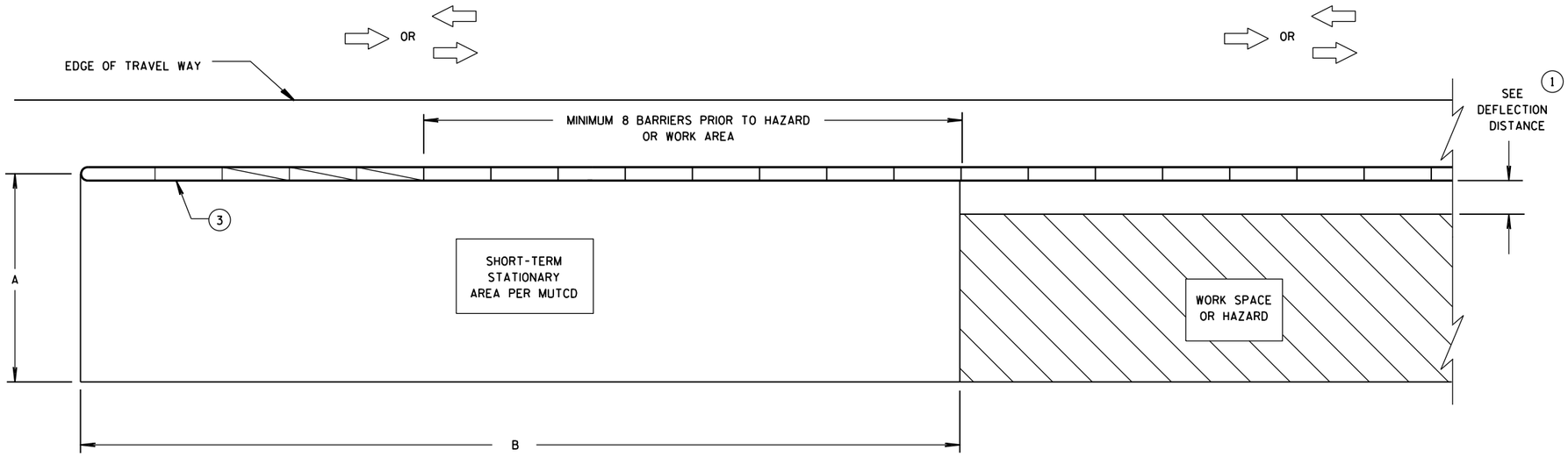
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

6

SDD 14B07-16n



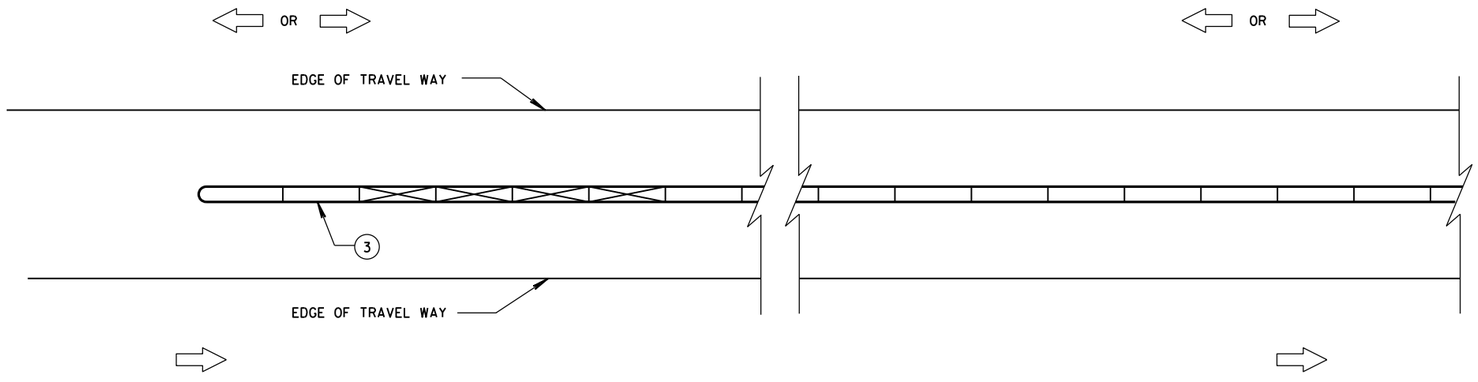
CRASH CUSHION/SAND BARREL ARRAY AND TEMPORARY BARRIER INSTALLATION FOR TRAFFIC ON ONE SIDE OF BARRIER

DIMENSION A TABLE (2)

FACILITY	POSTED SPEED MPH	DIMENSION A	
		MIN. FT	MAX. FT
FREEWAY/EXPRESSWAY	ALL	15	20
NON-FREEWAY/EXPRESSWAY	GREATER THAN OR EQUAL TO 45	10	15
NON-FREEWAY/EXPRESSWAY	LESS THAN 45	8	10
AADT LESS THAN 1,500	ALL	8	10

DIMENSION B TABLE (2)

POSTED SPEEDS MPH	DIMENSION B FT
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645



CRASH CUSHION/SAND BARREL ARRAY AND TEMPORARY BARRIER INSTALLATION FOR TRAFFIC ON BOTH SIDES OF BARRIER

LEGEND

- DIRECTION OF TRAVEL
- CRASH CUSHION OR SAND BARREL ARRAY
- SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS
- SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS
- 3 PINS PLACED ON TRAFFIC SIDE OF BARRIER
- PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET
- FREE STANDING TEMPORARY BARRIER

GENERAL NOTES

SEE STANDARD DETAIL DRAWING 14B7 FOR MORE INFORMATION.

DETAILS PROVIDE A GENERAL LAYOUT OF TEMPORARY CONCRETE BARRIER, CRASH CUSHIONS, SAND BARREL ARRAYS AND TIE DOWN TRANSITIONS. DETAILS PROVIDED MAY NOT FIT ALL POSSIBLE SITUATIONS OR SITE CONDITIONS. SEE OTHER SECTIONS OF THE CONTRACT OR PROJECT ENGINEER FOR MORE DETAILS.

ADDITIONAL TEMPORARY BARRIER MAY BE REQUIRED TO PROTECT TRAVELING PUBLIC FROM HAZARDS, CONTRACTOR'S OPERATIONS OR TO CONTROL TRAFFIC.

TEMPORARY BARRIER MAY BE REQUIRED TO BE ANCHORED TO PAVEMENT OR BRIDGE DECK.

FOR DETAILS ON CRASH CUSHION OR SAND BARREL ARRAYS SEE OTHER SECTIONS OF THE PLAN AND MANUFACTURE'S DETAILS.

SLOPES LEADING TO TEMPORARY BARRIER, CRASH CUSHION OR SAND BARREL ARRAY ARE 10:1 OR LESS.

(1) FOR DEFLECTION INFORMATION SEE STANDARD DETAIL DRAWING 14B7.

(2) VALUES PROVIDED MAY NOT FIT ALL POSSIBLE SITUATIONS OR SITE CONDITIONS. SEE OTHER SECTIONS OF THE CONTRACT OR PROJECT ENGINEER FOR MORE DETAILS.

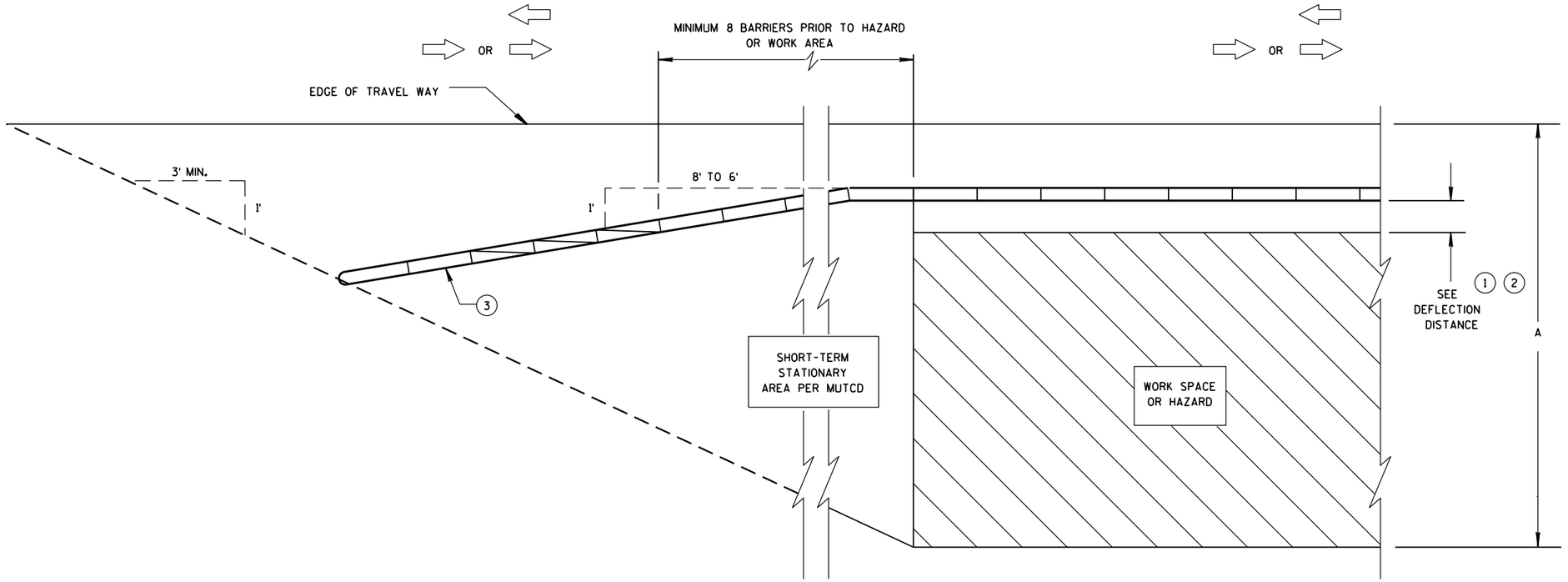
(3) ANCHOR TEMPORARY BARRIER ACCORDING TO CRASH CUSHION OR SAND BARREL MANUFACTURER'S RECOMMENDATIONS. IF MANUFACTURER'S RECOMMENDATIONS ARE NOT PROVIDED, ANCHOR 3 PINS ON TRAFFIC SIDE.

CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

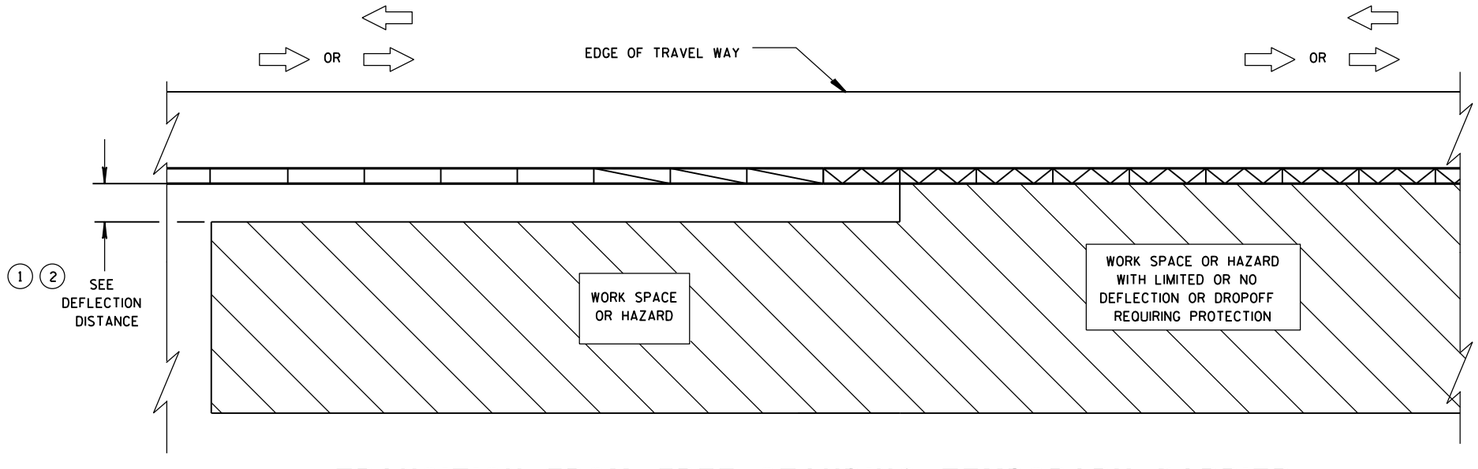
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 14 B 8-2a



CRASH CUSHION/SAND BARREL ARRAY AND TEMPORARY BARRIER INSTALLATION FOR TRAFFIC ON ONE SIDE - FLARED INSTALLATION



TRANSITION FROM FREE STANDING TEMPORARY BARRIER TO ANCHORED BARRIER

LEGEND

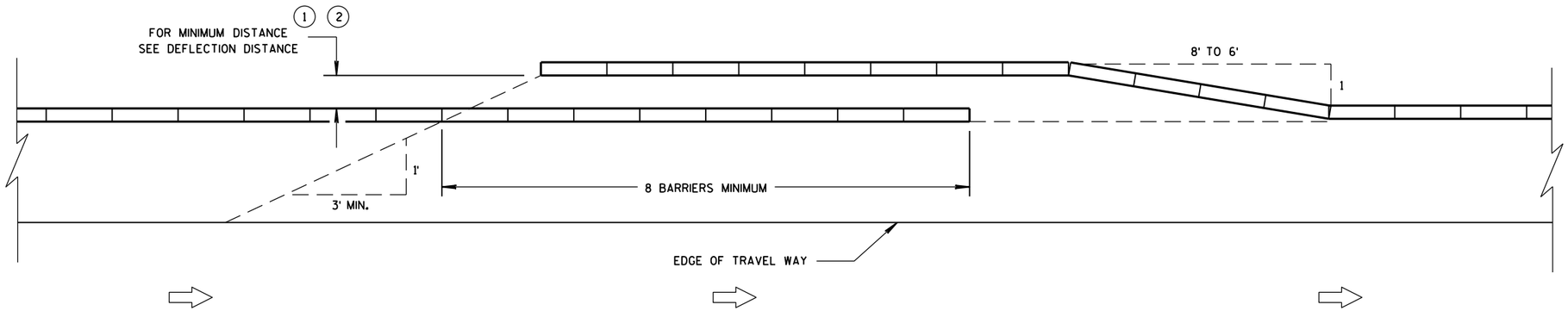
- DIRECTION OF TRAVEL
- CRASH CUSHION OR SAND BARREL ARRAY
- SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS
- SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS
- 3 PINS PLACED ON TRAFFIC SIDE OF BARRIER
- PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET
- FREE STANDING TEMPORARY BARRIER

CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

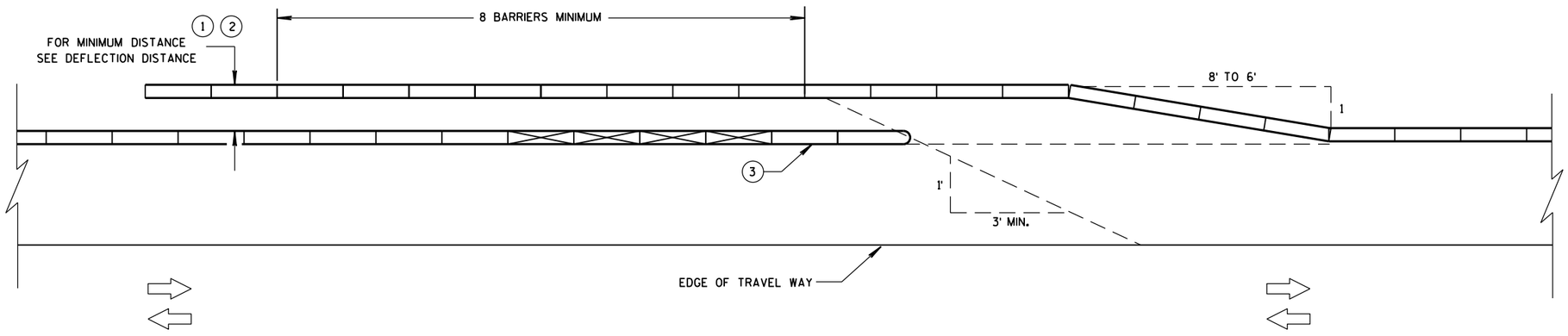
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

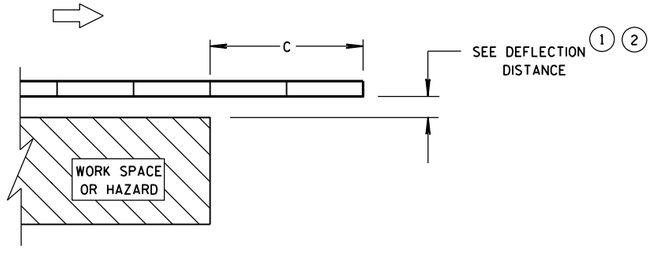
S.D.D. 14 B 8-2b



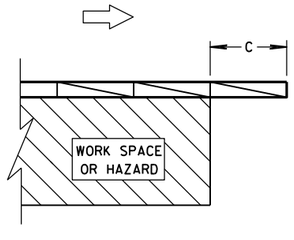
TEMPORARY BARRIER OVERLAP - ONE-WAY TRAFFIC



TEMPORARY BARRIER OVERLAP - TWO-WAY TRAFFIC



ENDING TEMPORARY BARRIER DOWNSTREAM - UNANCHORED



ENDING TEMPORARY BARRIER DOWNSTREAM - ANCHORED

LEGEND

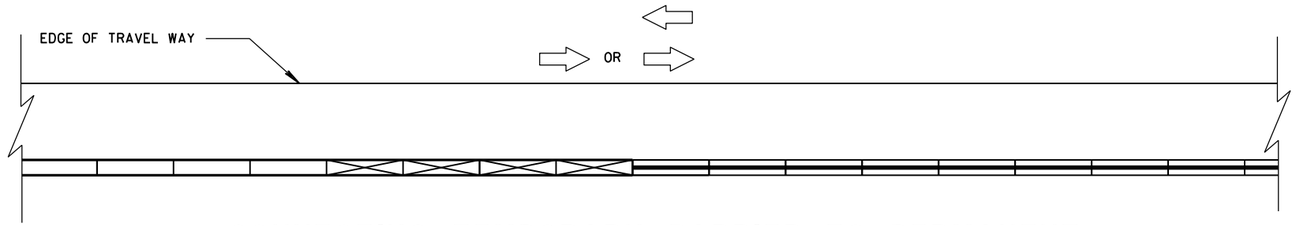
- DIRECTION OF TRAVEL
- CRASH CUSHION OR SAND BARREL ARRAY
- SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS
- SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS
- 3 PINS PLACED ON TRAFFIC SIDE OF BARRIER
- PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET
- FREE STANDING TEMPORARY BARRIER

CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

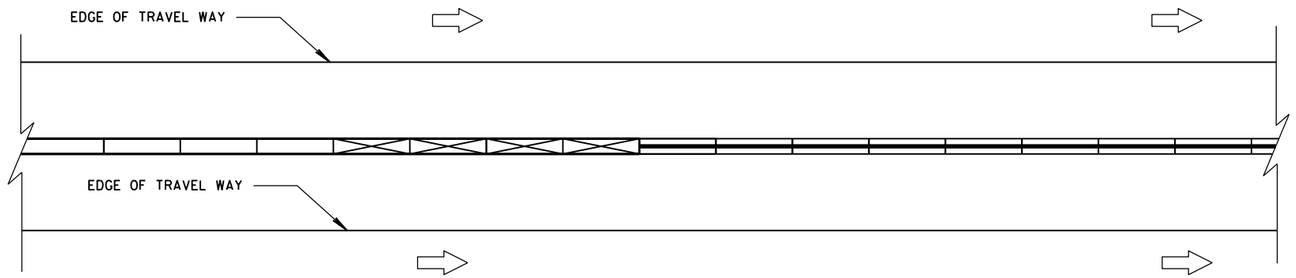
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

S.D.D. 14 B 8-2c



CONNECTING TEMPORARY BARRIER TO PERMANENT
CONCRETE BARRIER-TRAFFIC ON ONE SIDE



CONNECTING TEMPORARY BARRIER TO PERMANENT
CONCRETE BARRIER-TRAFFIC ON BOTH SIDES

LEGEND

DIRECTION OF TRAVEL

CRASH CUSHION OR
SAND BARREL ARRAY

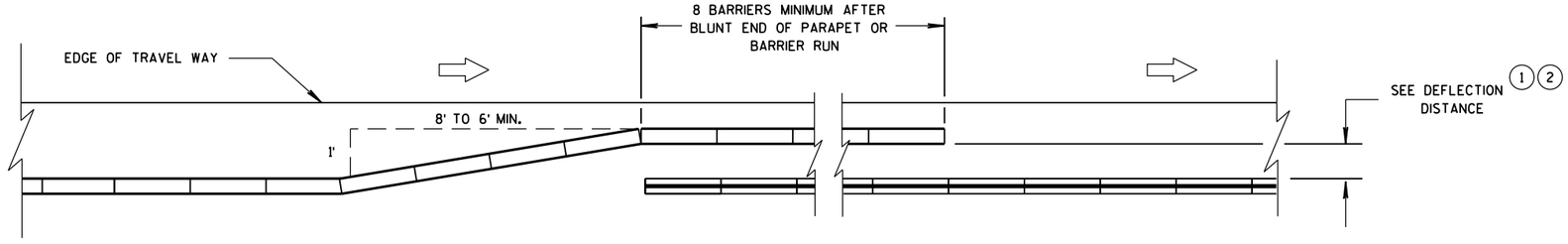
SEE FREE STANDING TRANSITION
TO TIED-DOWN SYSTEM DETAILS

SEE BI-DIRECTIONAL TRANSITION
TO TIED-DOWN SYSTEM DETAILS

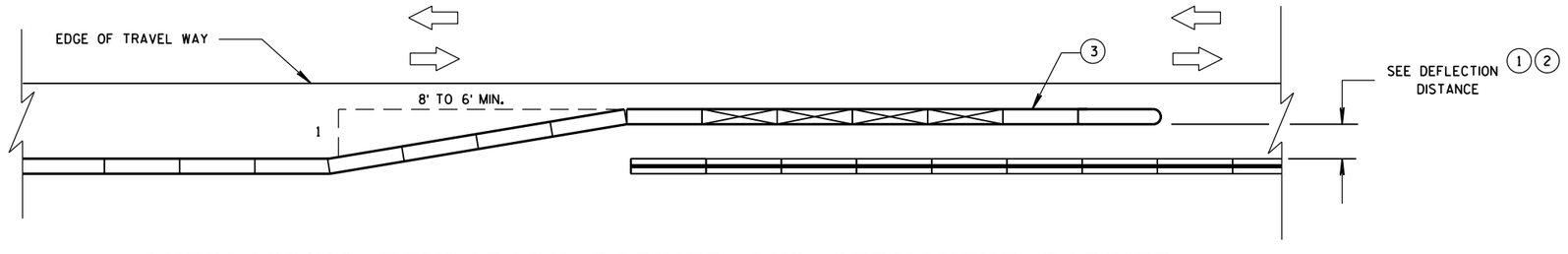
3 PINS PLACED ON
TRAFFIC SIDE OF BARRIER

PERMANENT CONCRETE BARRIER
OR CONCRETE PARAPET

FREE STANDING TEMPORARY
BARRIER



OVERLAPPING TEMPORARY BARRIER AND PERMANENT BARRIER -
ONE WAY TRAFFIC



OVERLAPPING TEMPORARY BARRIER AND PERMANENT BARRIER -
TWO WAY TRAFFIC

CRASH CUSHION/SAND BARREL
ARRAY AND OTHER TEMPORARY
BARRIER LAYOUT DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 14 B 8-2d

LEGEND

DIRECTION OF TRAVEL

CRASH CUSHION OR SAND BARREL ARRAY

SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS

SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS

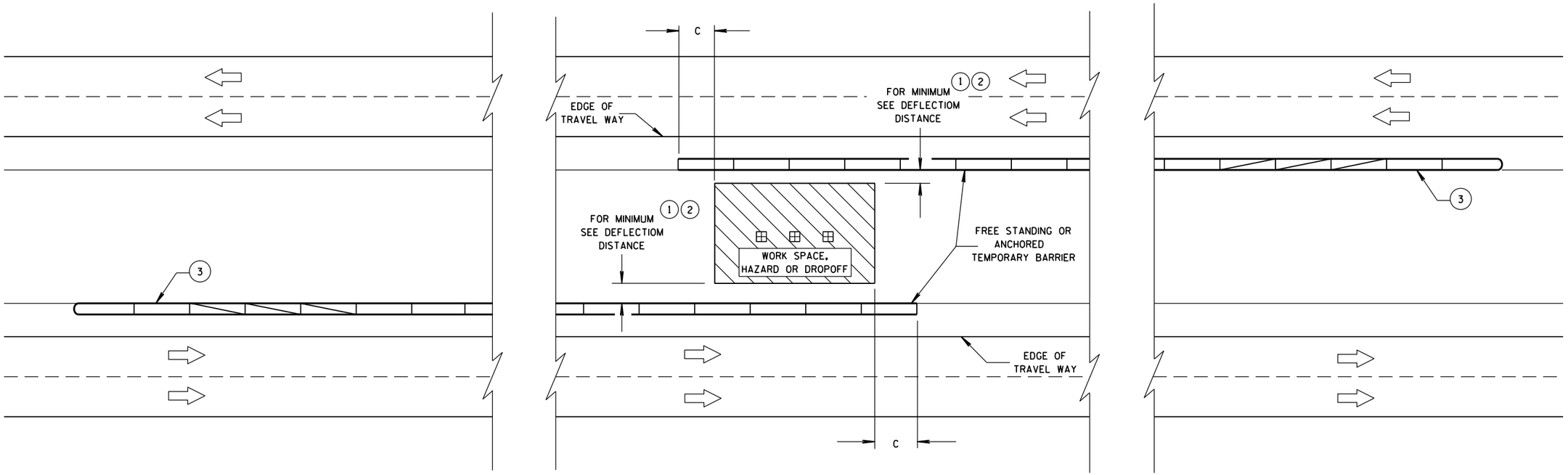
3 PINS PLACED ON TRAFFIC SIDE OF BARRIER

PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET

FREE STANDING TEMPORARY BARRIER

DIMENSION C TABLE (2)

AVAILABLE DEFLECTION DISTANCE	MINIMUM LENGTH OF BARRIER BEYOND HAZARD FT
GREATER THAN 8'	12.5
LESS THAN OR EQUAL TO 8' BUT GREATER THAN 4'	50
LESS THAN OR EQUAL TO 4'	100



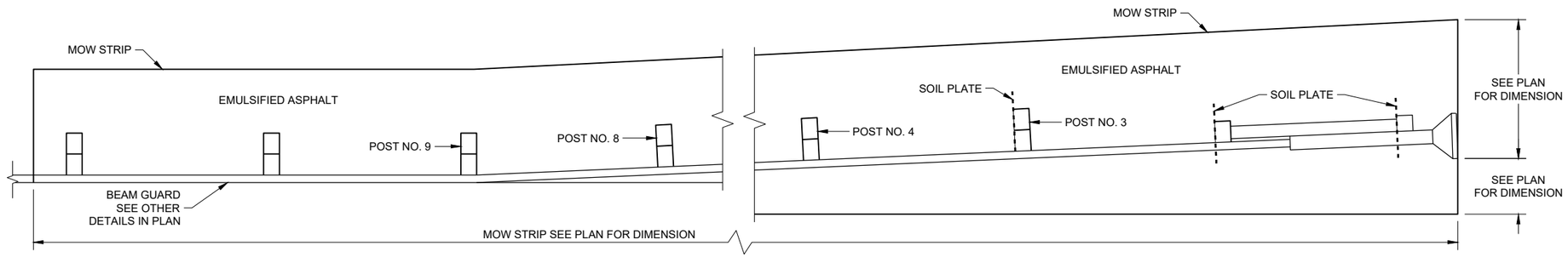
CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINNER
FHWA

6

S.D.D. 14 B 8-2e



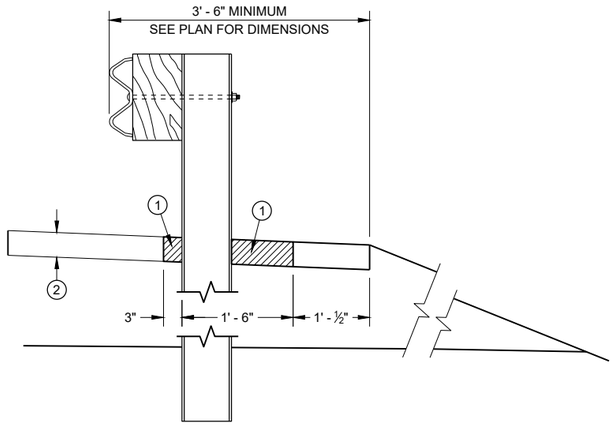
PLAN VIEW

MOW STRIP LAYOUT FOR ENERGY ABSORBING TERMINAL

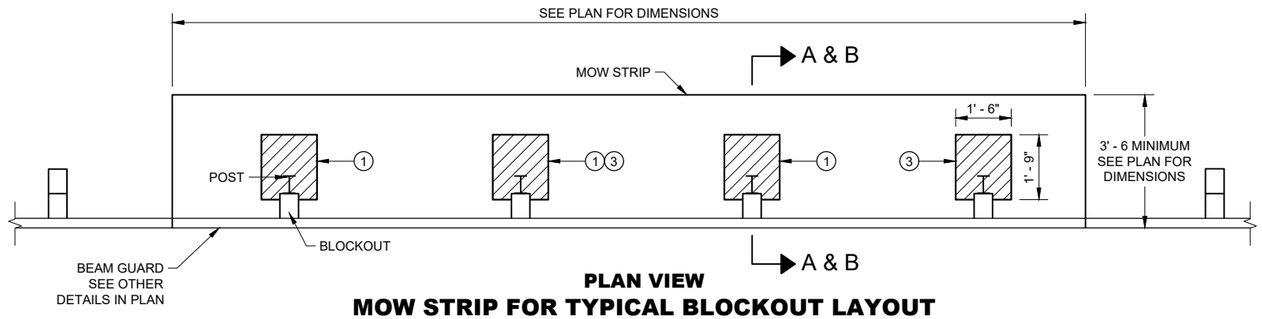
GENERAL NOTES

ONLY USE STEEL POSTS IN CONCRETE AND ASPHALT MOW STRIPS.

1. CONTROLLED LOW-STRENGTH BACKFILL OR EMULSIFIED ASPHALT.
2. DEPTH OF MOW STRIP:
   ASPHALT - 4"
   CONCRETE - 4"
   EMULSIFIED ASPHALT - 1" OR LESS
3. FOR EMULSIFIED ASPHALT, MOW STRIP STRIP LEAVE OUTS NOT REQUIRED. (TYPICAL FOR ALL POSTS)

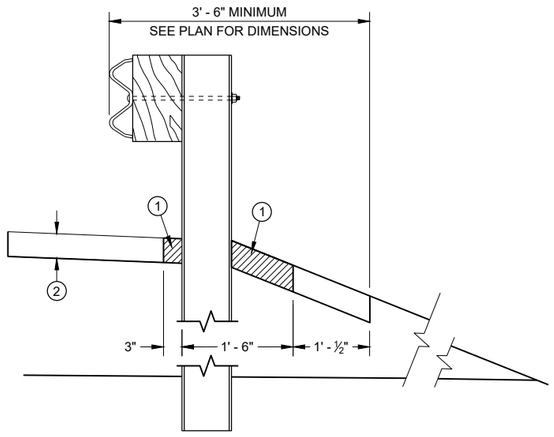


SECTION A - A

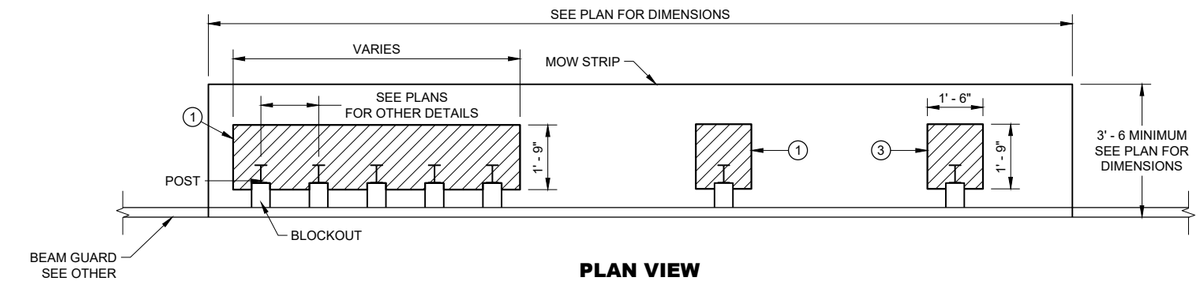


PLAN VIEW

MOW STRIP FOR TYPICAL BLOCKOUT LAYOUT

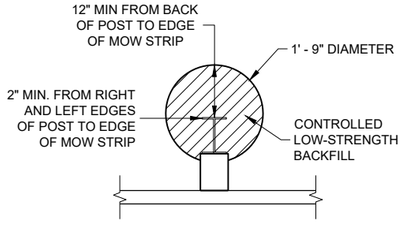


SECTION B - B

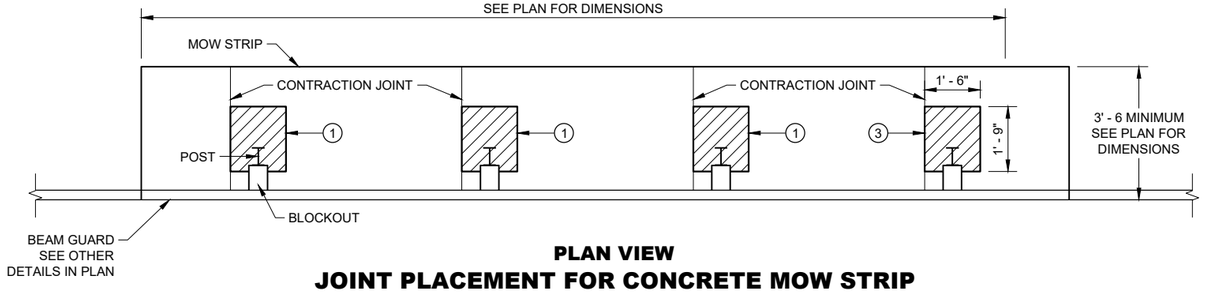


PLAN VIEW

MOW STRIP FOR TIGHT SPACING LAYOUT



ALTERNATIVE HMA MOW STRIP DESIGN



PLAN VIEW

JOINT PLACEMENT FOR CONCRETE MOW STRIP

GUARDRAIL MOW STRIP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B28 - 04a

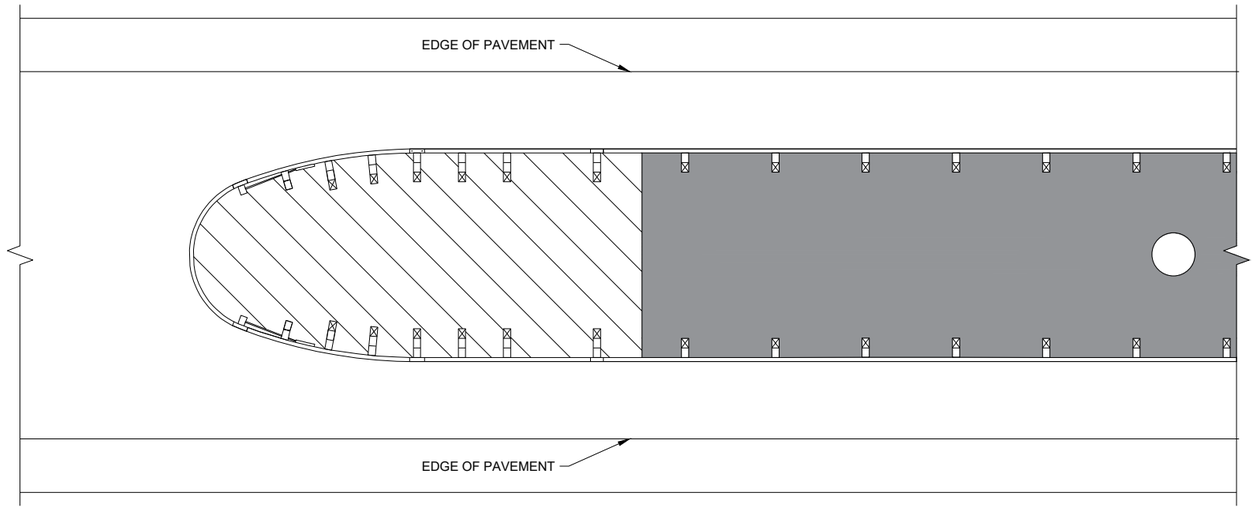
LEGEND

CONCRETE, ASPHALT, OR EMULSIFIED ASPHALT MOW STRIP (SEE OTHER DETAILS)

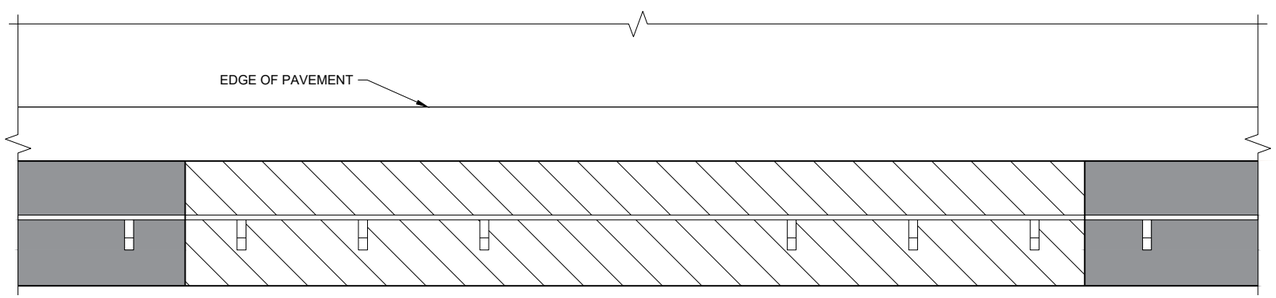
EMULSIFIED ASPHALT MOW STRIP (SEE OTHER DETAILS)

GENERAL NOTES

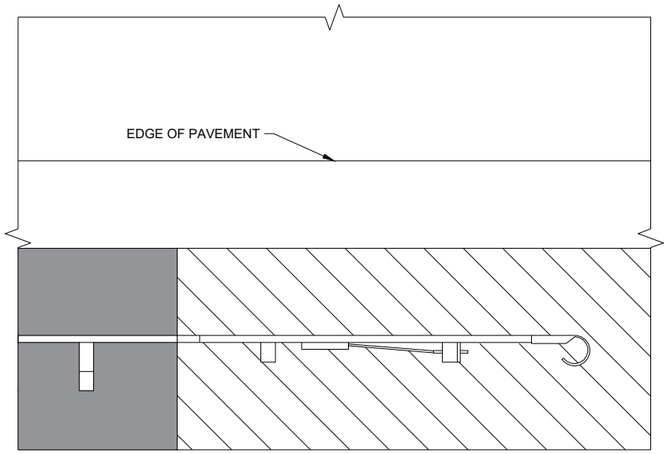
EXISTING THRIE BEAM BULLNOSES MAY HAVE WOOD POSTS. NEW THRIE BEAM BULLNOSE WILL HAVE STEEL POSTS.



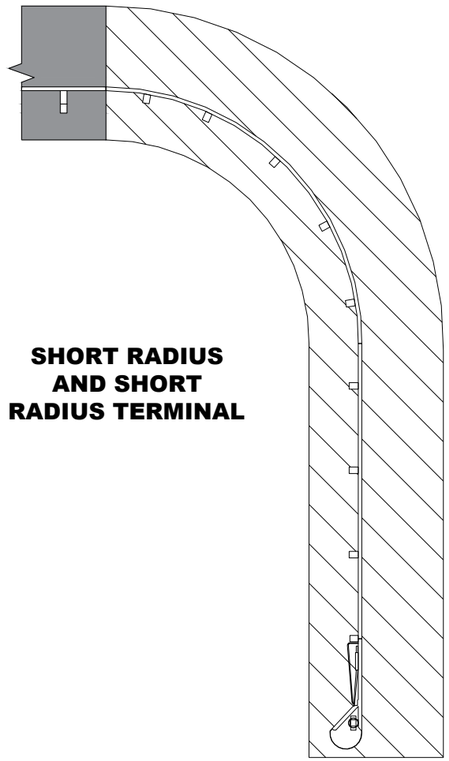
THRIE BEAM BULLNOSE



LONG - SPAN



TYPE 2 TERMINAL



SHORT RADIUS AND SHORT RADIUS TERMINAL

GUARDRAIL MOW STRIP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

6

SDD 14B28 - 04b

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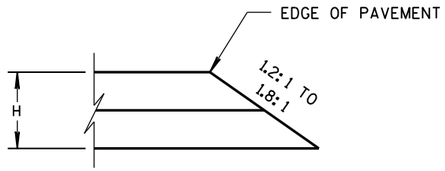
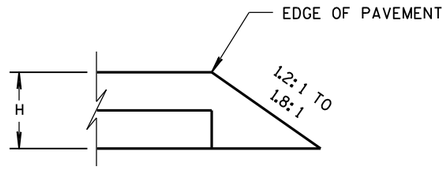
SDD 14B28 - 04b



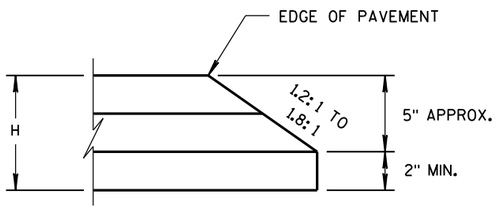
CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS



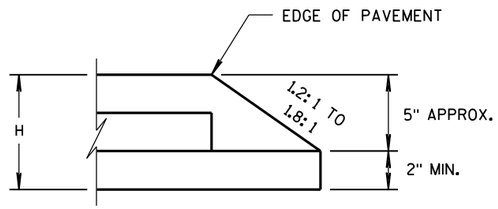
CONSTRUCTED WITH FINAL LAYER

FOR H 5" OR LESS



CONSTRUCTED WITH FINAL TWO LAYERS

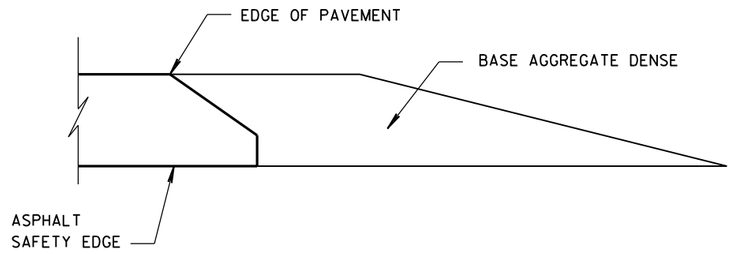
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

6

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S.D.D. 14 B 29-1

S.D.D. 14 B 29-1

SAFETY EDGE SM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/2012
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

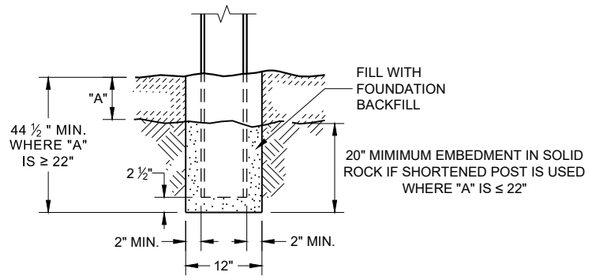
(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

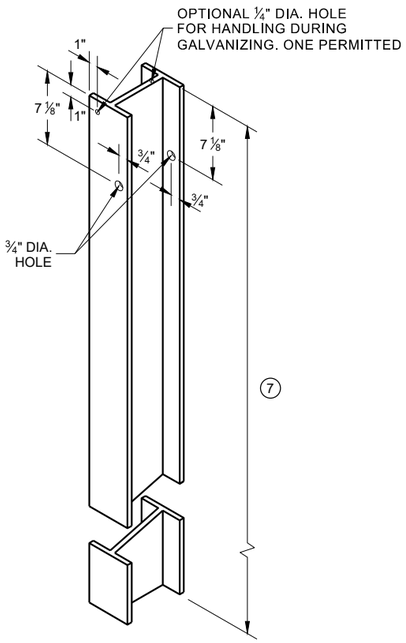
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ±1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 ¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

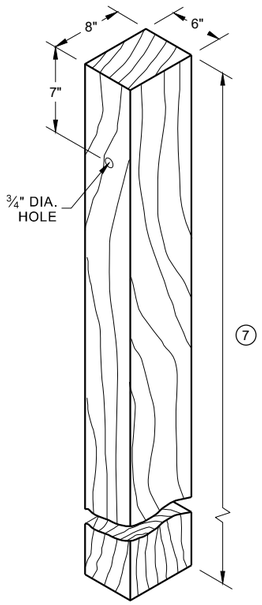
(7) TOTAL POST LENGTH FOR TYPE K IS 7' - 0".
TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' - 0".



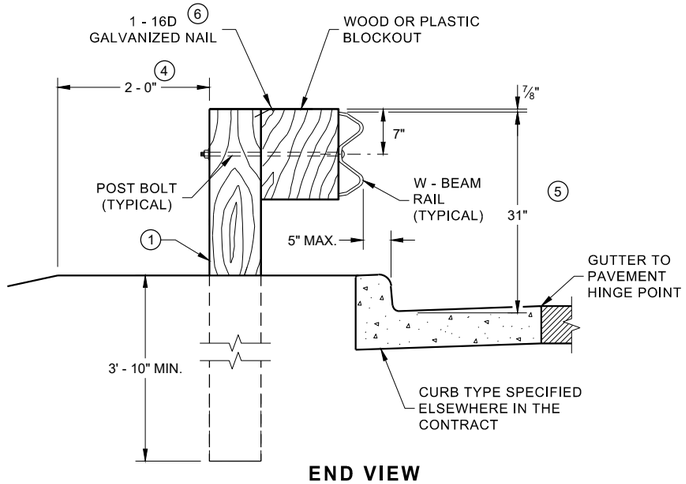
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (3)



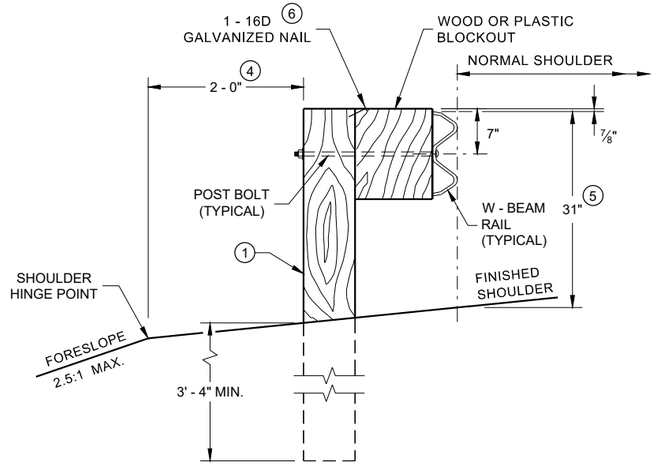
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



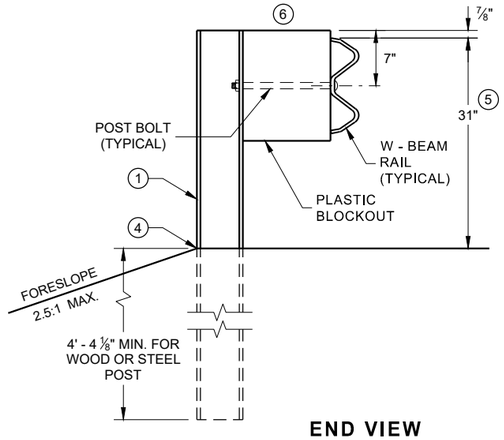
WOOD POST (6" X 8") NOMINAL (1)



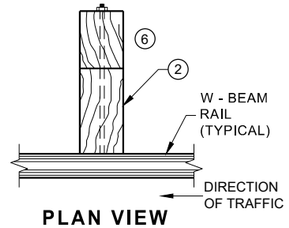
END VIEW
LOCATED ALONG A CURBED ROADWAY



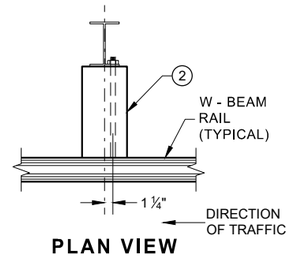
END VIEW
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



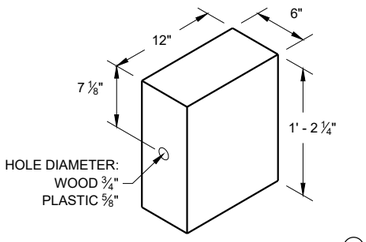
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



PLAN VIEW
STEEL POST, PLASTIC BLOCKOUT & BEAM



WOOD OR PLASTIC BLOCKOUT (2)

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B42 - 07a
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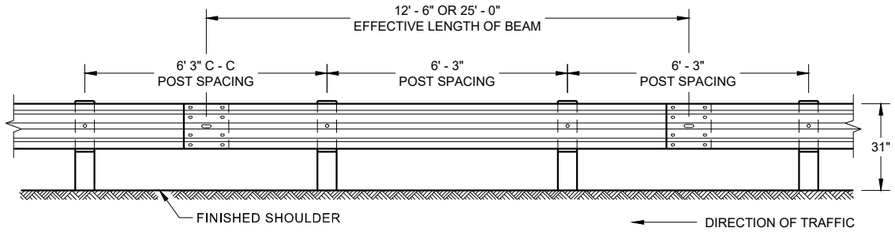
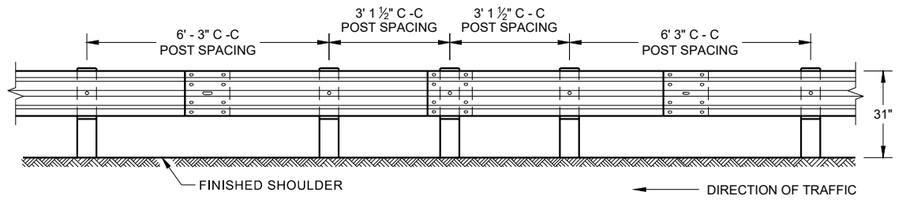
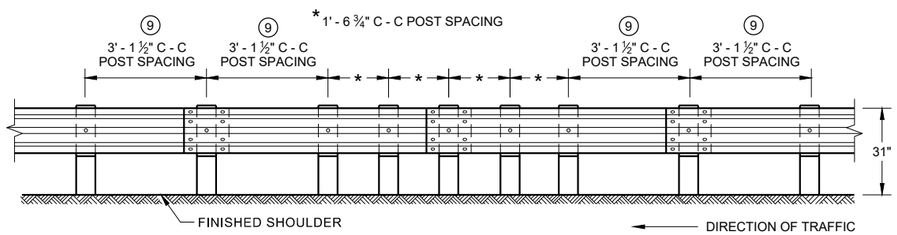


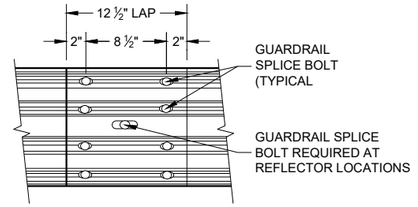
FRONT VIEW
POST SPACING STANDARD INSTALLATION



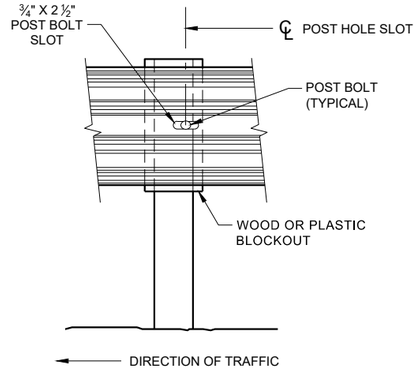
FRONT VIEW
HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)



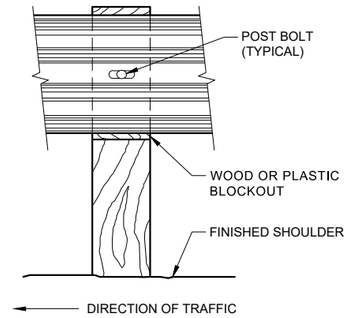
FRONT VIEW
QUARTER POST SPACING (QS)



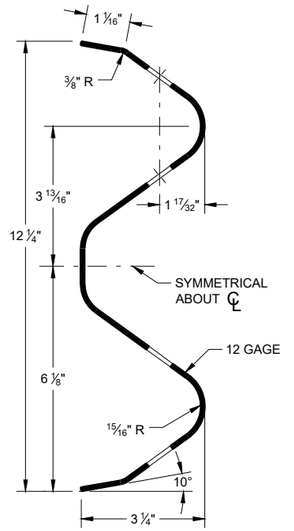
FRONT VIEW
MID-SPAN BEAM SPLICE



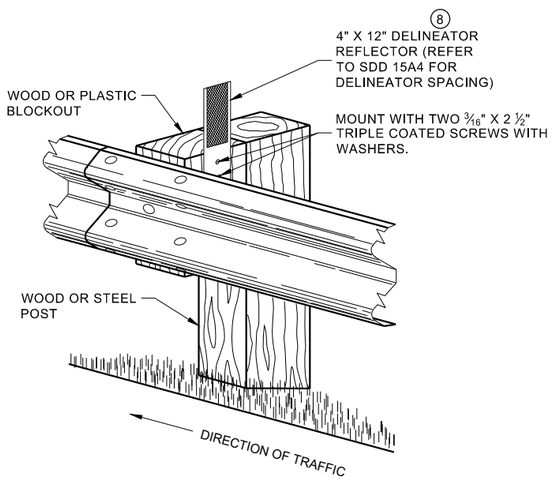
FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



SECTION THRU W-BEAM RAIL



ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

GENERAL NOTES

⑧ DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

⑨ 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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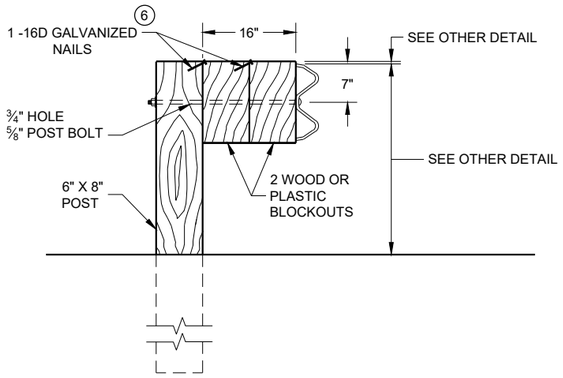
SDD 14B42 - 07b
SDD 14B42 - 07b

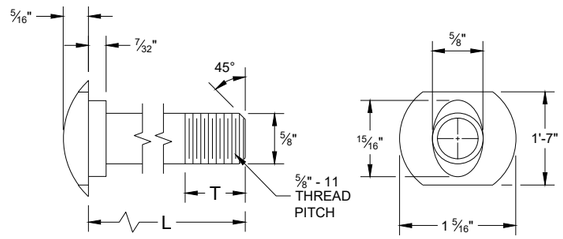


DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

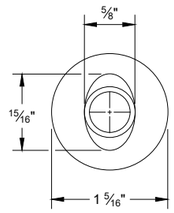
NOTE:

1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 3⁄16".
2. IF THE BOLT EXTENDS MORE THAN ¼" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

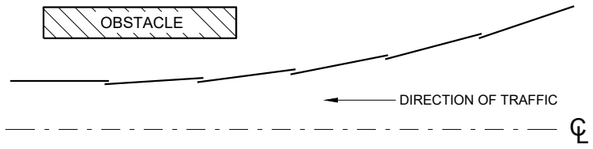


POST BOLT TABLE

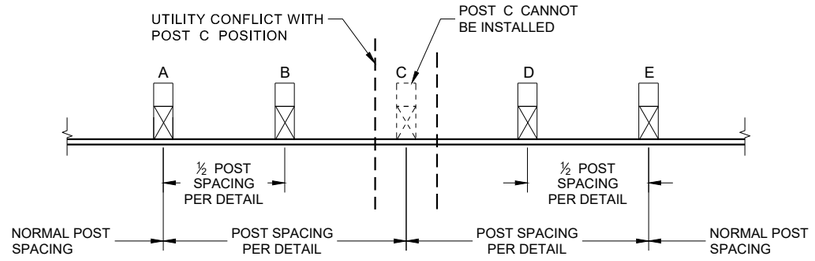
L	T (MIN.)
1 ¼"	1 ⅛"
2"	1 ¾"
10"	4"
14"	4 1⁄16"
18"	4"
21"	4 1⁄16"
25"	4"



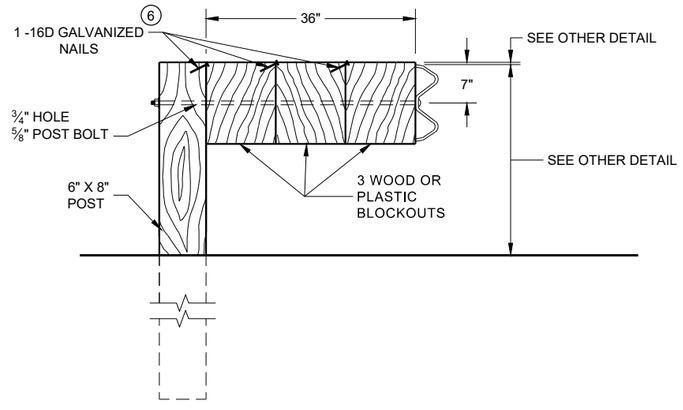
ALTERNATE BOLT HEAD



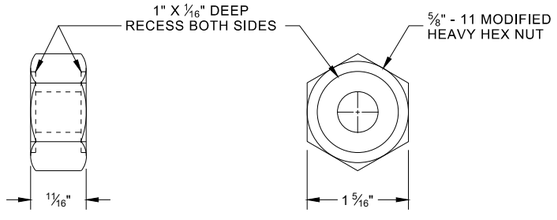
PLAN VIEW
BEAM LAPPING DETAIL



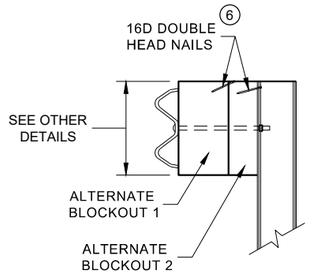
POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



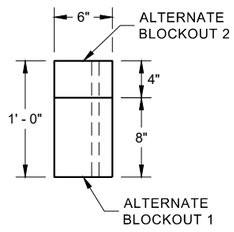
DETAIL FOR 36" BLOCKOUT DEPTH



POST BOLT, SPLICE BOLT AND RECESS NUT



SIDE VIEW



PLAN VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

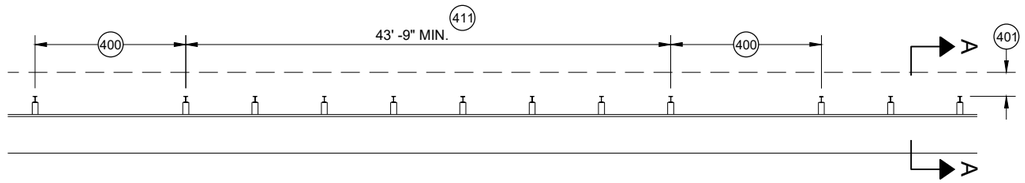
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

(6) WHEN USING STEEL POST AD WOOD BLOCKOUTS, INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

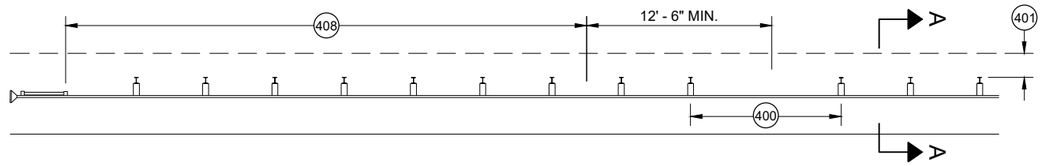
MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

6

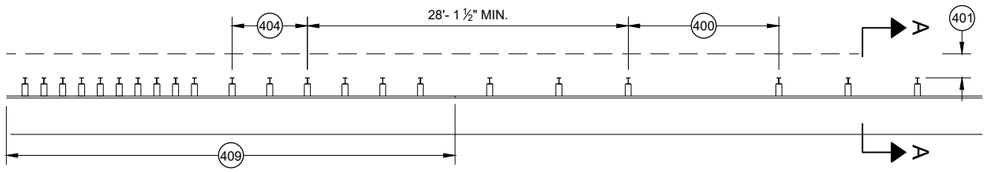
SDD 14B42 - 07c



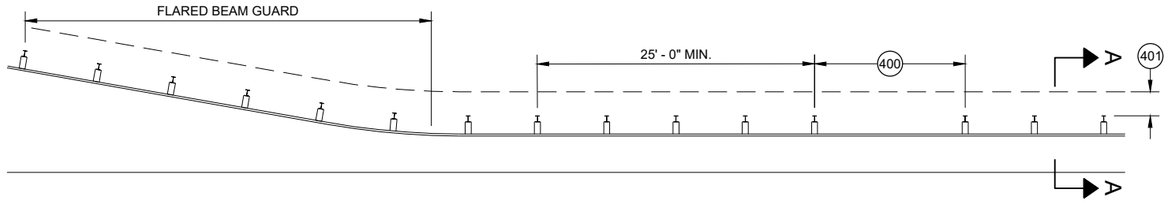
MISSING POST IN MGS GUARDRAIL



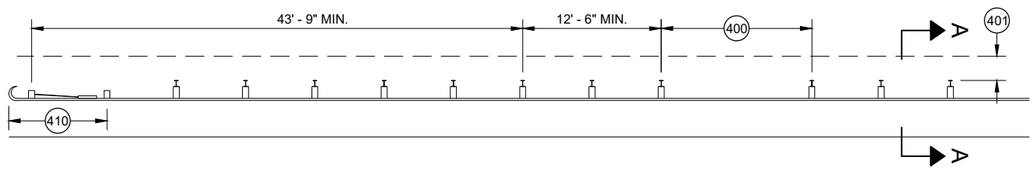
MISSING POST IN MGS GUARDRAIL NEAR EAT



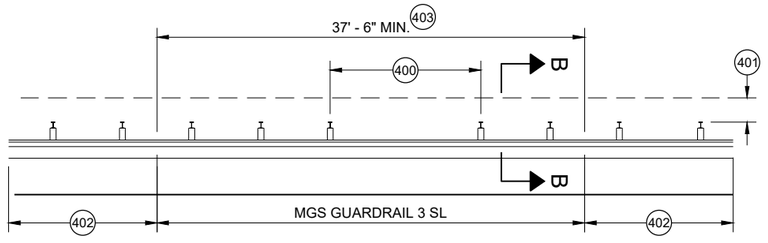
MISSING POST IN MGS GUARDRAIL NEAR AN APPROACH TRANSITION



MISSING POST IN MGS GUARDRAIL NEAR FLARED BEAM GUARD

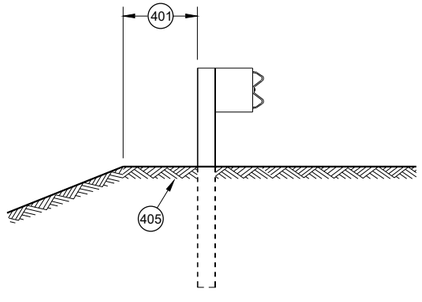


MISSING POST IN MGS GUARDRAIL NEAR A TYPE 2 END TERMINAL

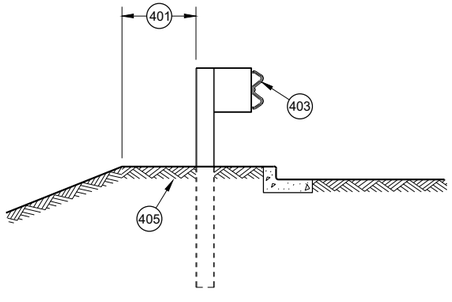


MISSING POST IN SHORT SPAN MGS GUARDRAIL NEAR CURB (SL) 407

(400) MAX SPAN 12' - 6"
(401) 2' MIN.
(402) MGS GUARDRAIL 3
(403) NESTING BEAM GUARD
(404) ASYMMETRIC TRANSITION
(405) SOIL WELL DRAINED AND COMPACTED
(406) SEE OTHER DRAWINGS IN THIS SDD
(407) SEE OTHER DRAWINGS FOR MIN. SPACING BETWEEN SPANS
(408) SEE SDD 14B44
(409) SEE SDD 14B45
(410) SEE SDD 14B47
(411) MINIMUM DISTANCE BETWEEN MISSING POST SPANS.



SECTION A - A 406



SECTION B - B 406

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

FHWA

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SDD 14B42 - 07d

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL) AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED

(C) DIFFERENT MANUFACTURERS REQUIRE DIFFERENT PERFORATED W - BEAM RAIL END PANELS. SEE MANUFACTURER'S INFORMATION.

(D) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF - TAPPING SCREWS. ONE SCREW PER CORNER.

(E) HARDWARE MAY VARY BETWEEN MANUFACTURER. SEE MANUFACTURER'S DRAWING FOR INFORMATION.

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

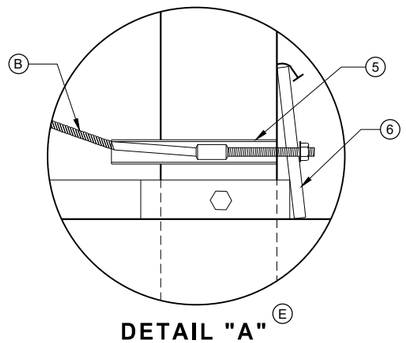
SEE SDD 14B42 FOR MORE INFORMATION.

* DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

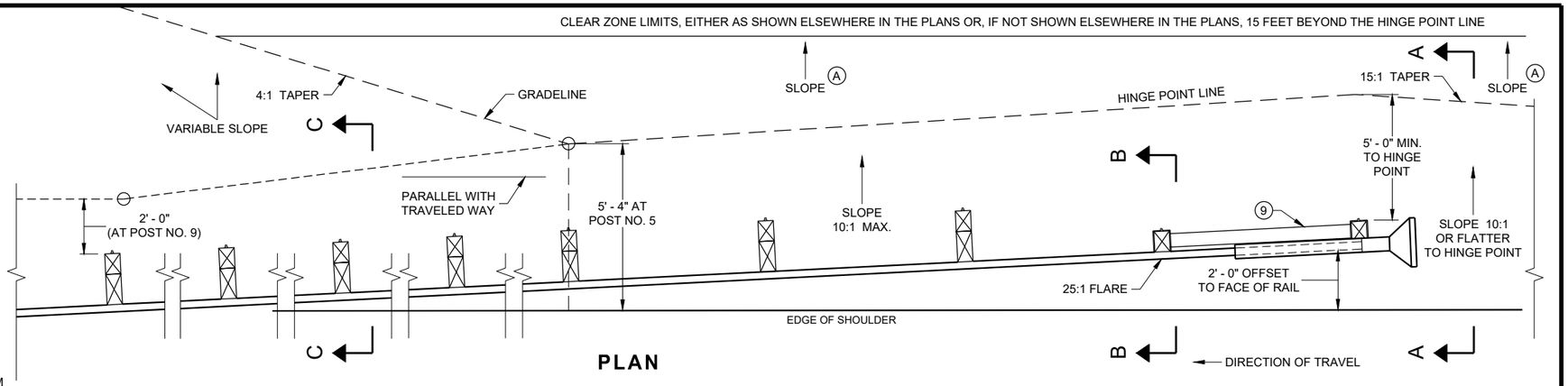
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

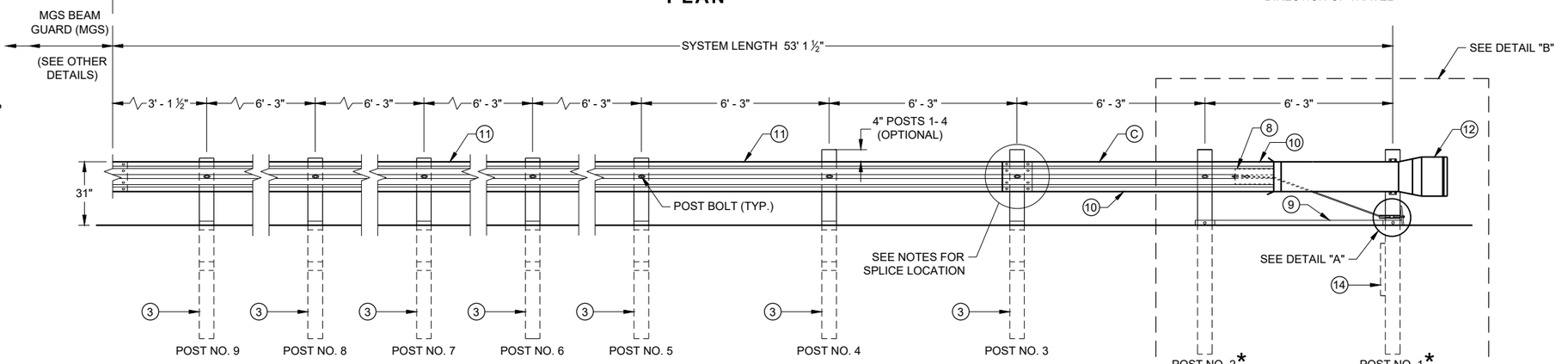
SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

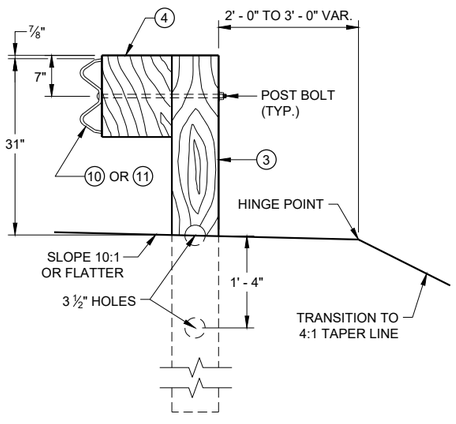
THE CENTER OF THE UPPER 3 ½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.



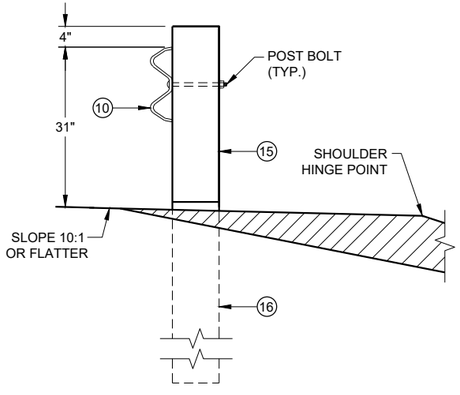
DETAIL "A" (E)



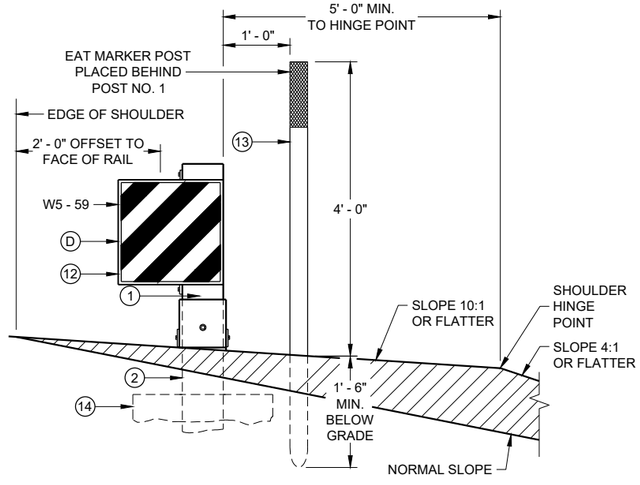




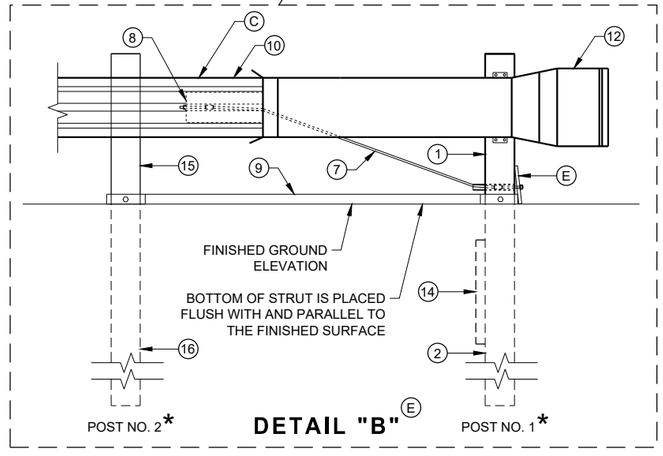
SECTION C - C
TYPICAL AT POST NOS. 3 - 9



SECTION B - B
TYPICAL AT POST NO. 2*



SECTION A - A
TYPICAL AT POST NO. 1*



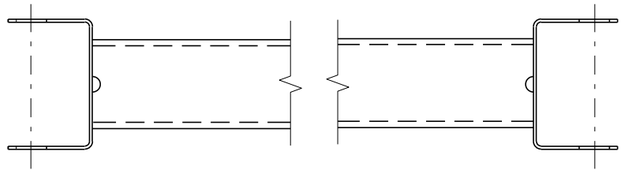
DETAIL "B" (E)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B44 - 04a

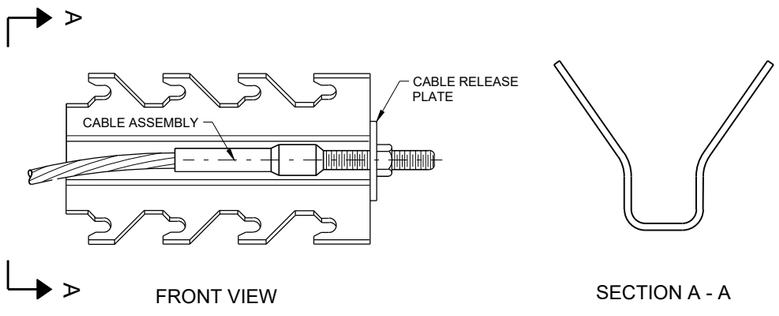
SDD 14B44 - 04a



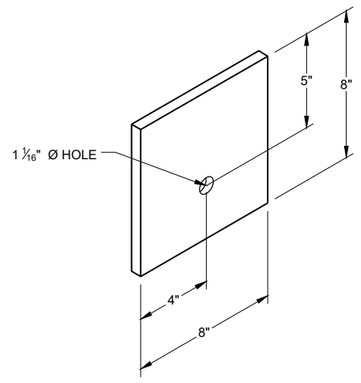
GENERIC GROUND STRUT ⑨ Ⓔ

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUGACTURER'S DETAILS FOR MORE INFORMATION.
①	UPPER POST NO. 1 6" X 6" TUBE
②	LOWER POST NO. 1
③	WOOD CRT
④	WOOD BLOCKOUT
⑤	PIPE SLEEVE
⑥	BEARING PLATE
⑦	BCT CABLE ASSEMBLY
⑧	ANCHOR CABLE BOX
⑨	GROUND STRUT
⑩	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
⑪	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
⑫	IMPACT HEAD
⑬	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
⑭	SOIL PLATE
⑮	UPPER POST NO. 2
⑯	LOWER POST NO. 2



GENERIC ANCHOR CABLE BOX ⑨ Ⓔ



BEARING PLATE ⑥ Ⓔ

6

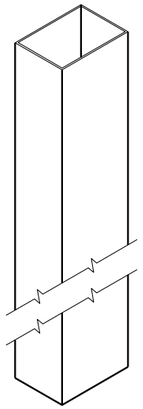
6

SDD 14B44 - 04b

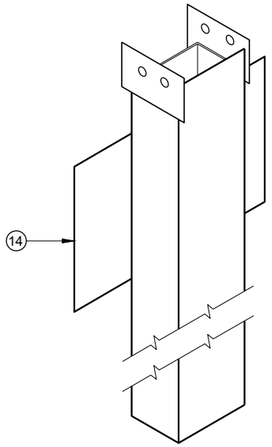
SDD 14B44 - 04b

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



UPPER POST NO. 1 (1) (E)



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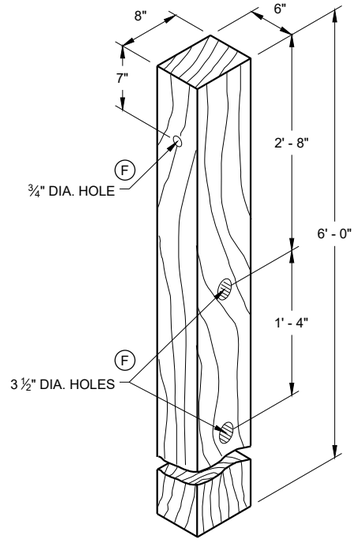
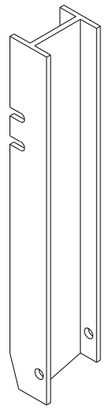


WOOD CRT POST (3) (E)
POSTS NUMBER 3-9



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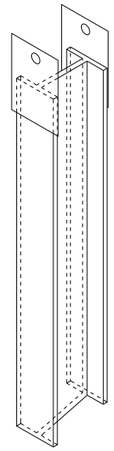

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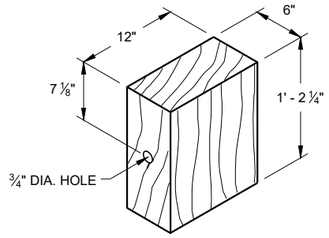
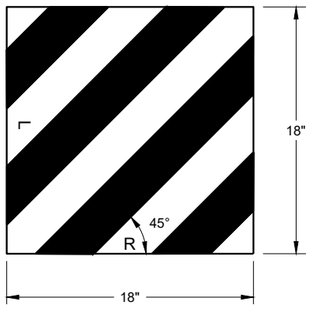
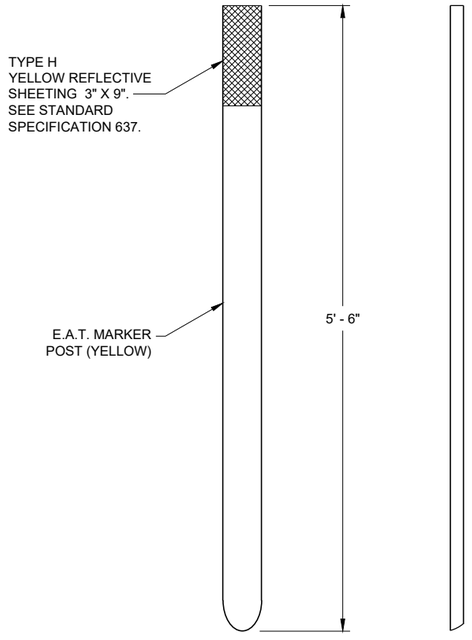


WOOD BLOCKOUT (4)
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



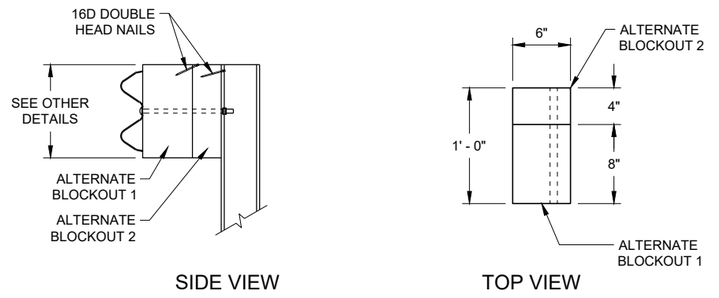
W5 - 59

REFLECTIVE SHEETING DETAIL (E)



FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

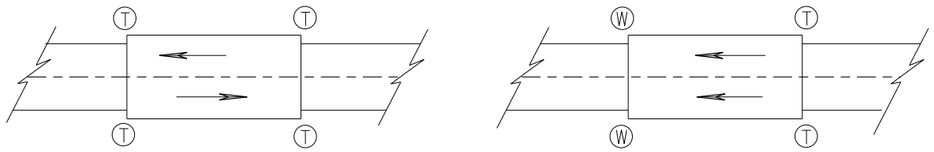
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

FHWA

6

SDD 14B44 - 04c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

(T) THRIE BEAM CONNECTION

(W) W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

GENERAL NOTES

IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

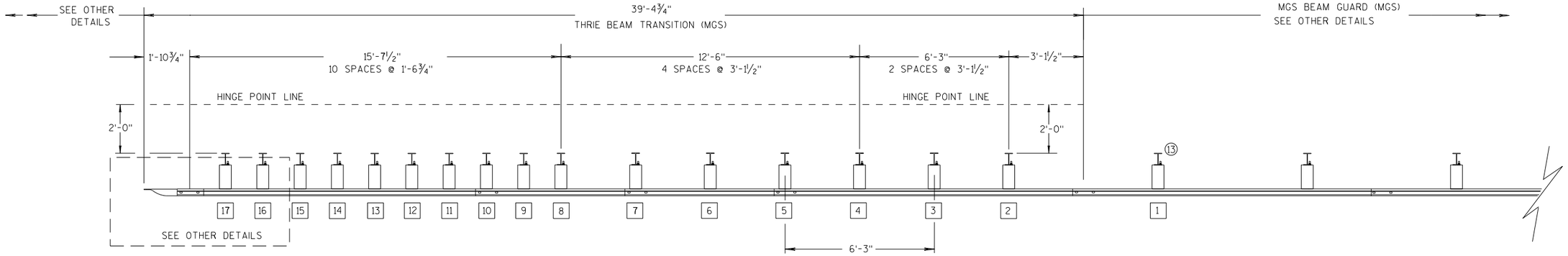
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

POST 2 THROUGH 17 USES STEEL POST ONLY

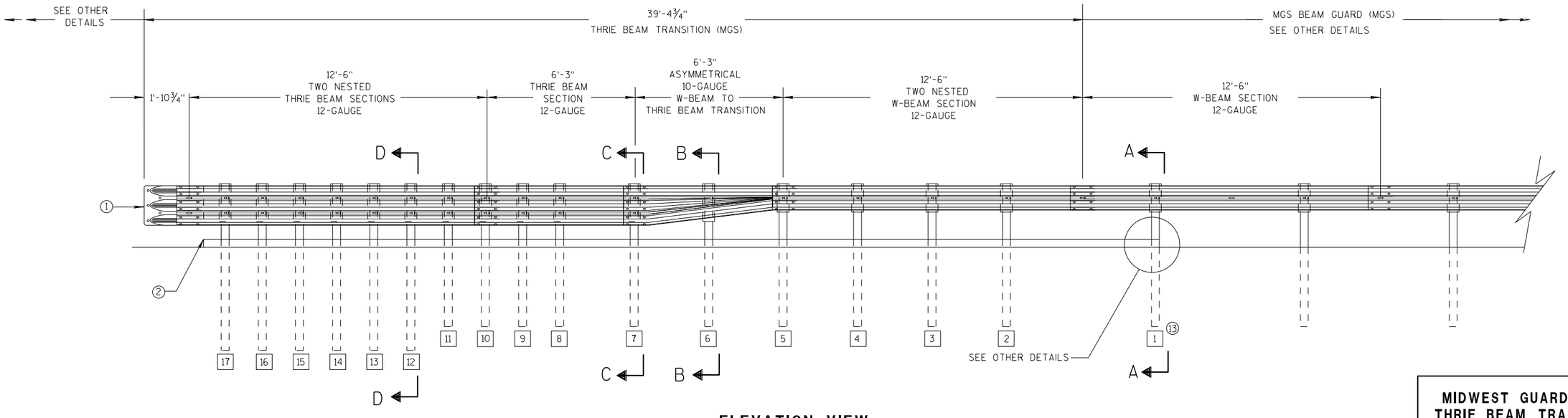
(1) BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD14B42



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 14 B 45-5a

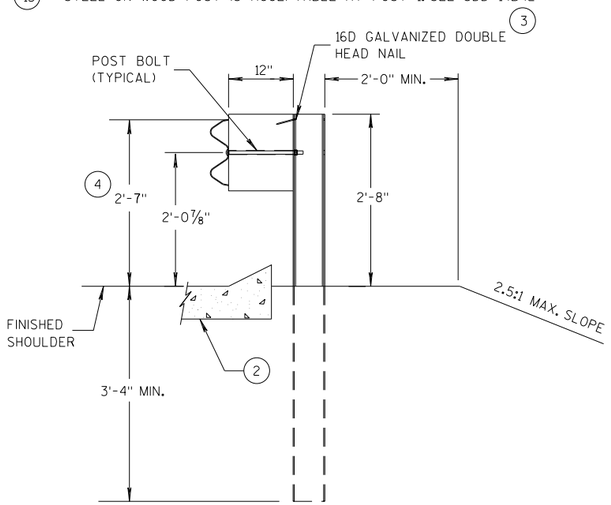
GENERAL NOTES

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 10D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

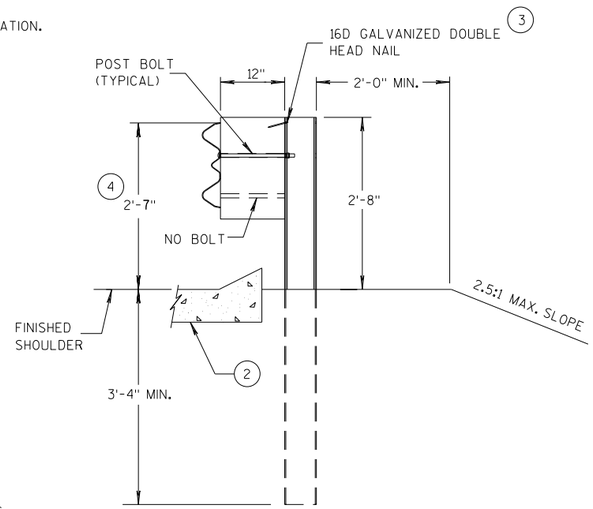
(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42



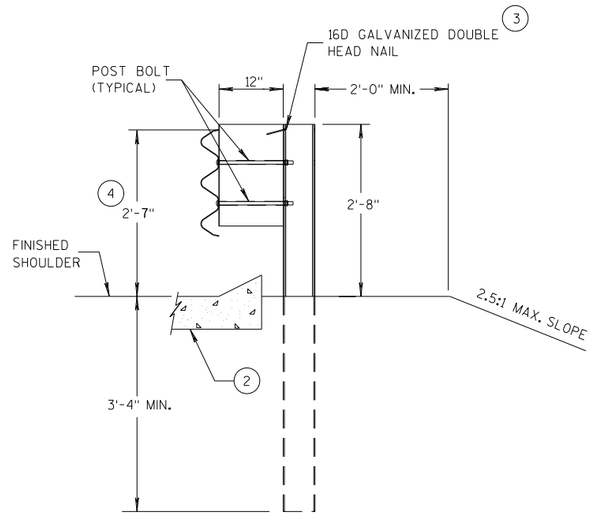
SECTION A-A (13)

POSTS 1-5



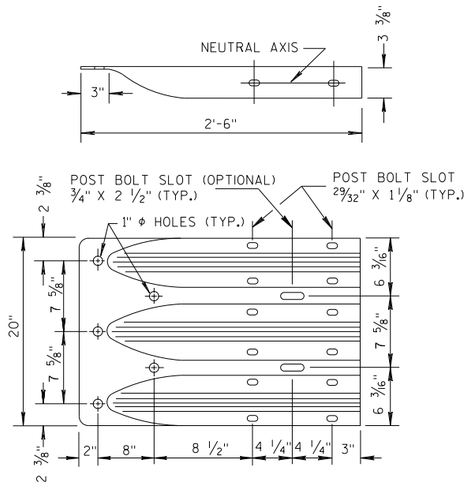
SECTION B-B

POST 6

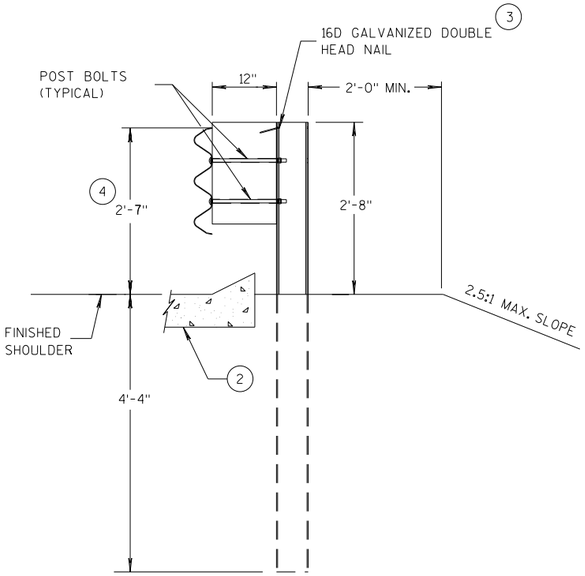


SECTION C-C

POSTS 7-11

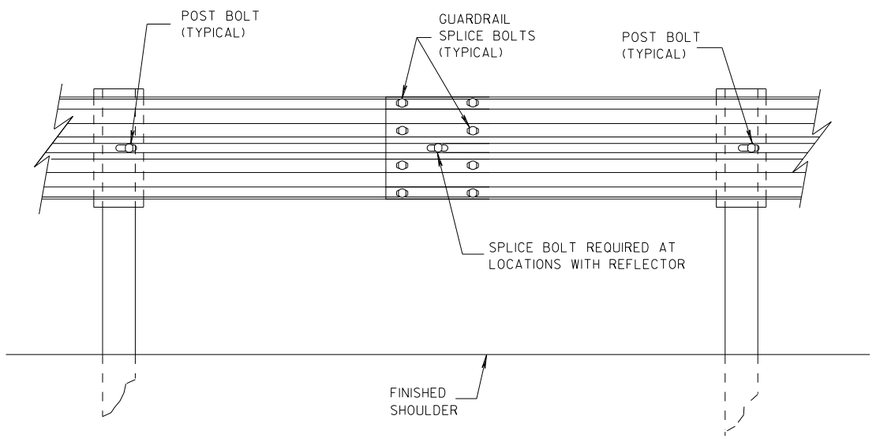


THRIE BEAM TERMINAL CONNECTOR



SECTION D-D

POSTS 12-17



SPLICE DETAIL

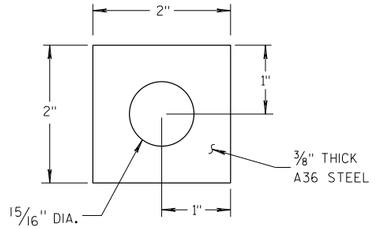
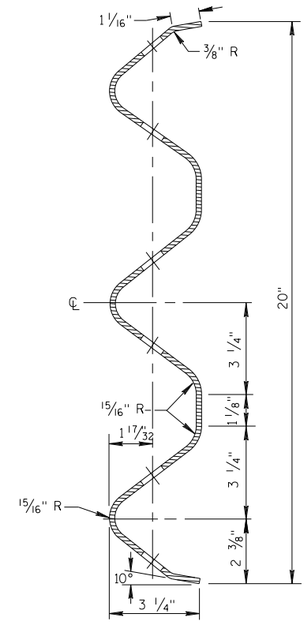


PLATE WASHER DETAIL



SECTION THRU THRIE BEAM RAIL ELEMENT

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 283

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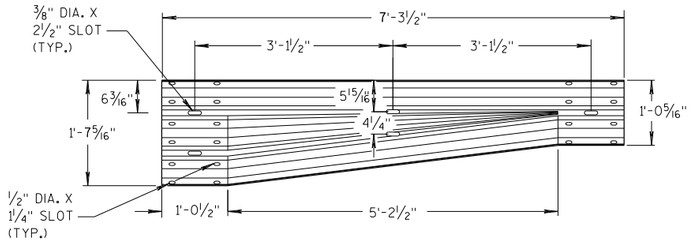
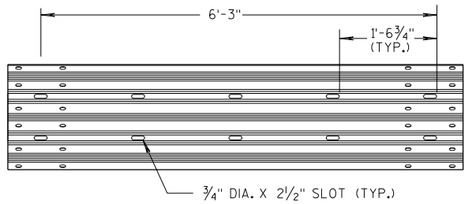
S.D.D. 14 B 45-5b

6

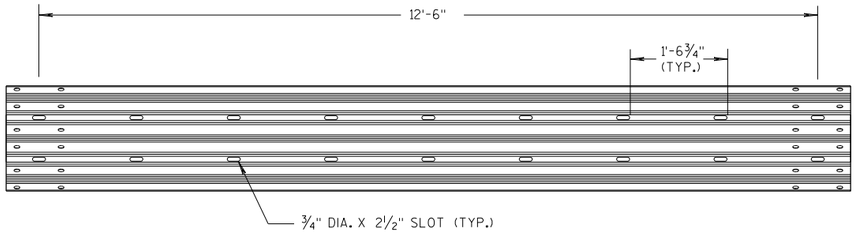
S.D.D. 14 B 45-5b



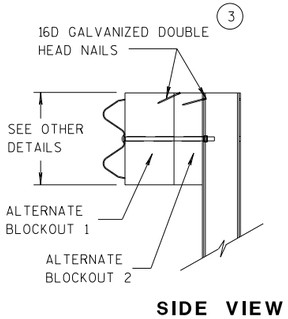
W-BEAM TO THRIE BEAM TRANSITION SECTION



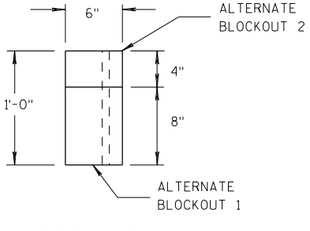
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

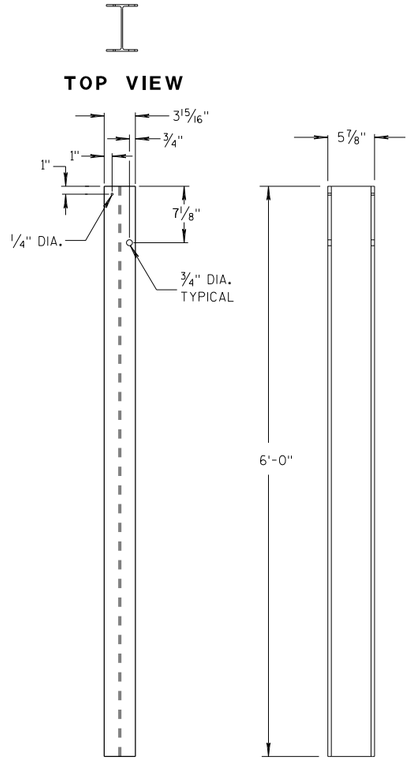


SIDE VIEW



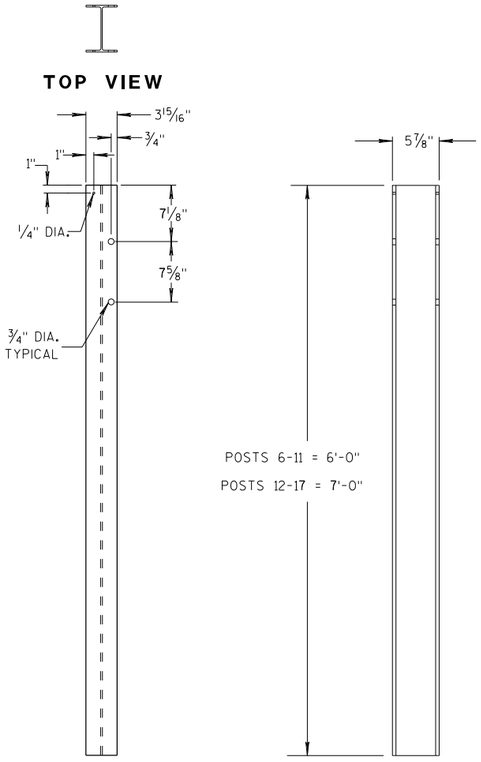
TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL



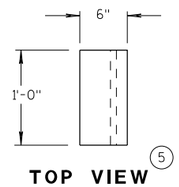
FRONT VIEW SIDE VIEW

STEEL POSTS 1-5 (13)

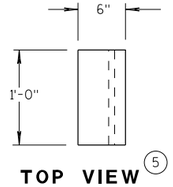


FRONT VIEW SIDE VIEW

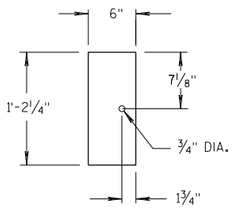
STEEL POSTS 6-17



TOP VIEW (5)

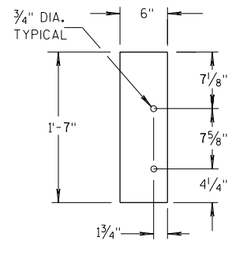


TOP VIEW (5)



FRONT VIEW

BLOCKOUT POSTS 1-5



FRONT VIEW

BLOCKOUT POSTS 6-17

GENERAL NOTES

STEEL POSTS ARE W6X9 OR W6X8.5.

BOLT HOLES FOR POST ARE ON FRONT AND OF SIDE OF POST.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

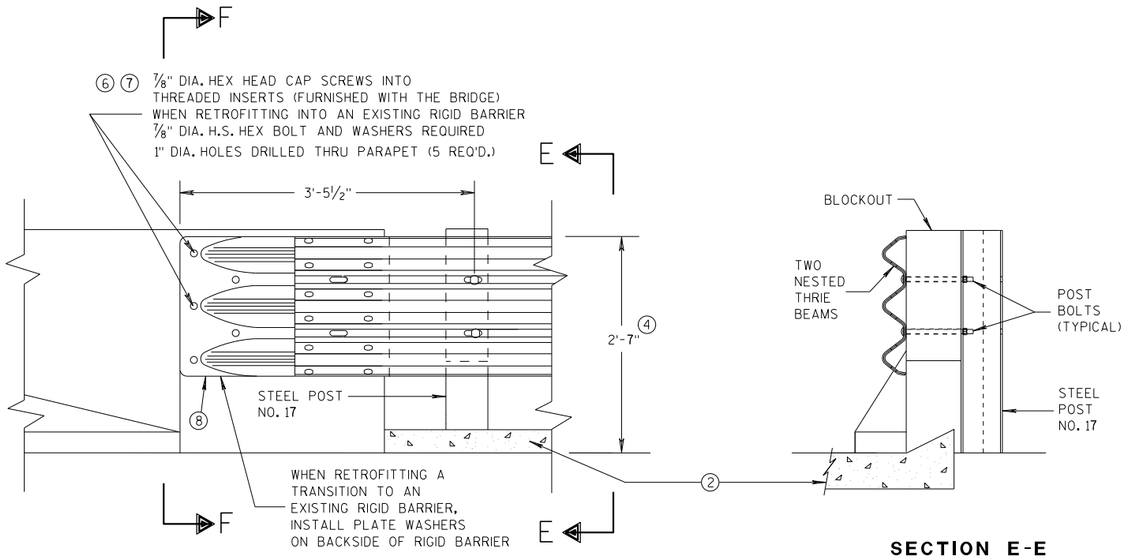
(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 14 B 45-5c



FRONT VIEW

SECTION E-E

THRIE BEAM CONNECTION TO BRIDGE PARAPET WITH SQUARE ENDS

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

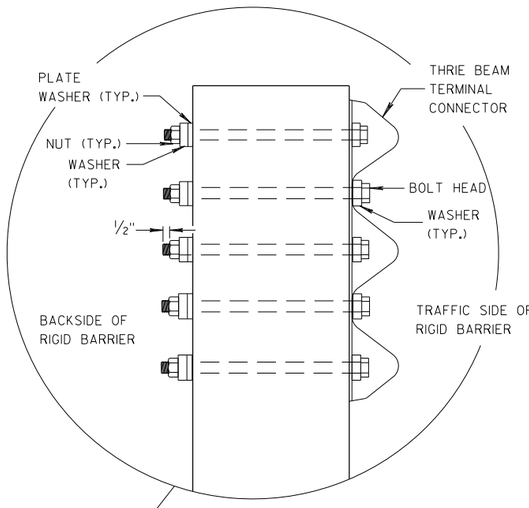
② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

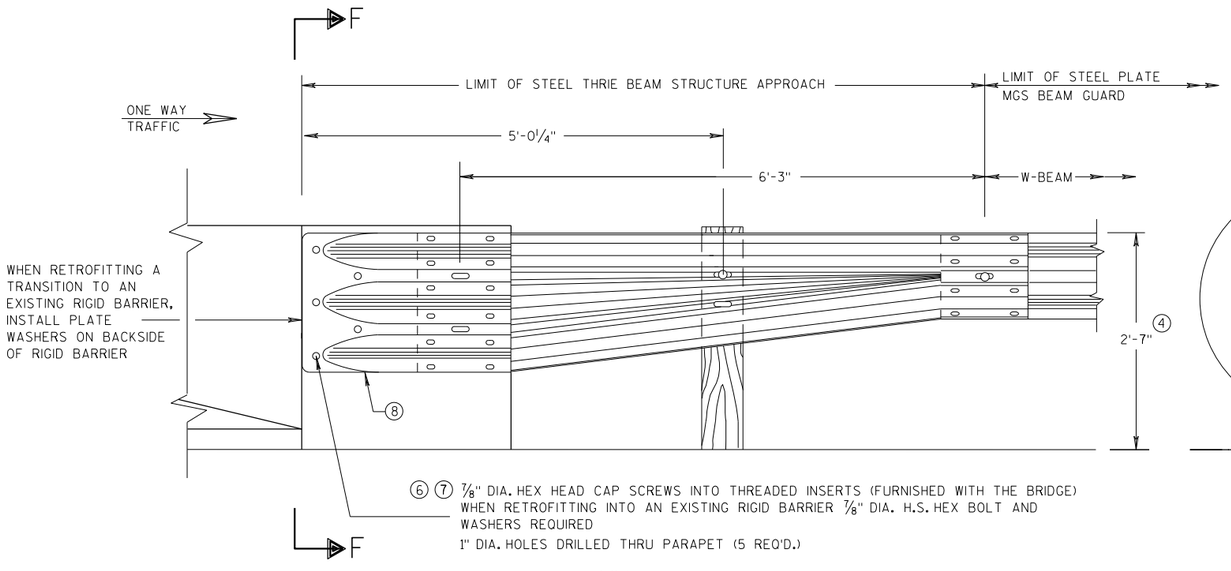
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

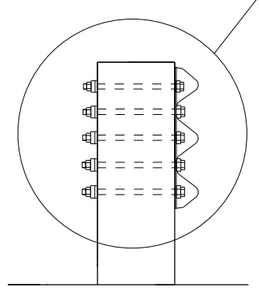
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

⑧ THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

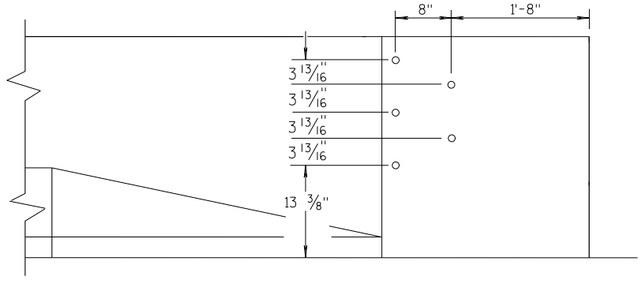




FRONT VIEW



SECTION F-F



DRILL HOLE LOCATION

W BEAM TRANSITION AND CONNECTION TO BRIDGE PARAPETS WITH SQUARE ENDS

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS D[illegible] UNIT SUPERVIS[illegible]NT
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GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

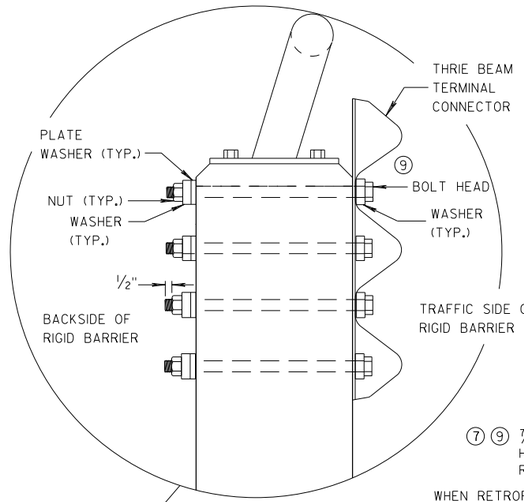
(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

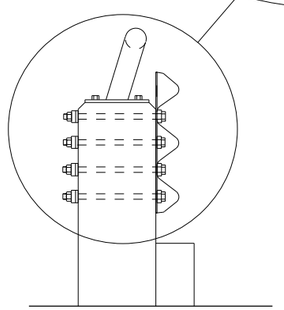
(6) DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

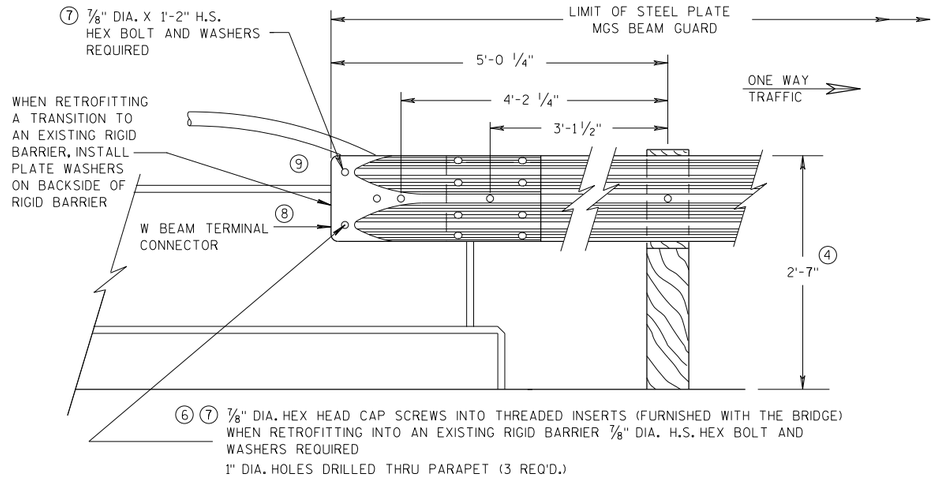
(8) THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 ½".

(9) BOLT, NUT AND WASHERS NOT REQUIRED FOR THIS LOCATION WHEN RETROFITTING AN EXISTING PAPAPET AND THE HOLE IS EITHER ABOVE PARAPET OR WITHIN 4 INCHES OF THE EDGE OF PARAPET.





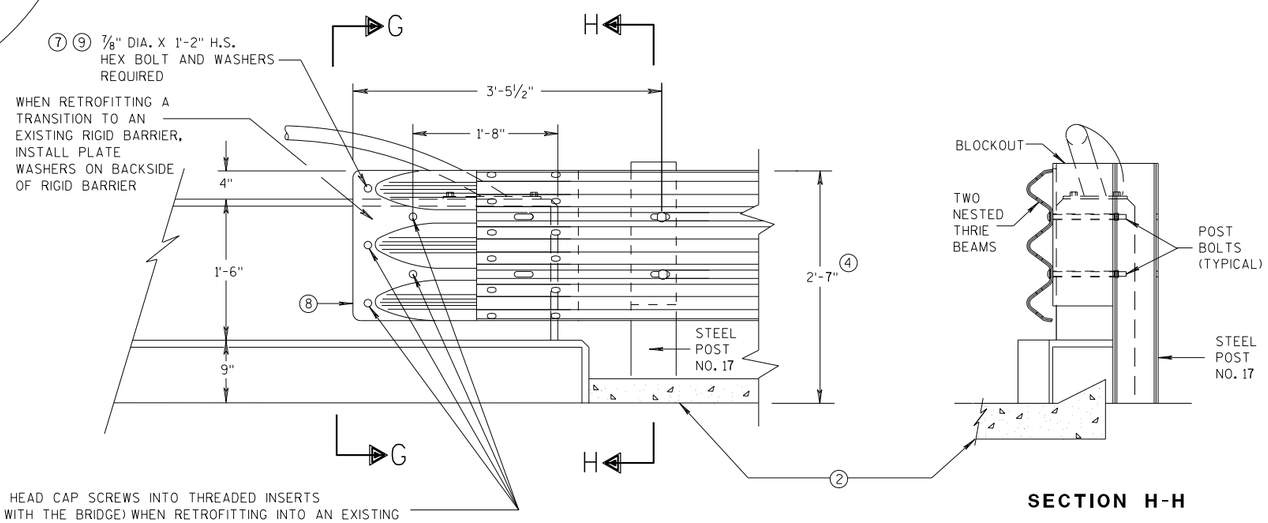
SECTION G-G



FRONT VIEW

W BEAM CONNECTION TO VERTICAL FACE PARAPET

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)



FRONT VIEW

SECTION H-H

THRIE BEAM CONNECTION TO VERTICAL FACED PARAPETS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
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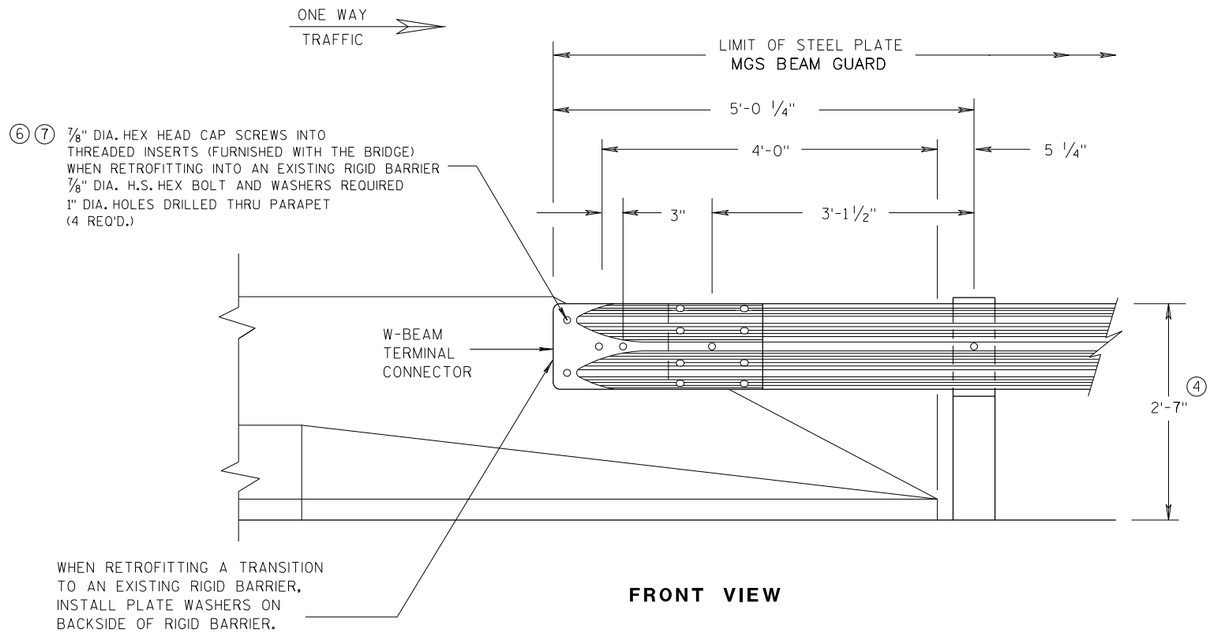


FRONT VIEW

W BEAM CONNECTION TO PARAPETS WITH SLOPED ENDS

(USE ONLY AT TRAFFIC EXIT END OF ONE WAY BRIDGE)

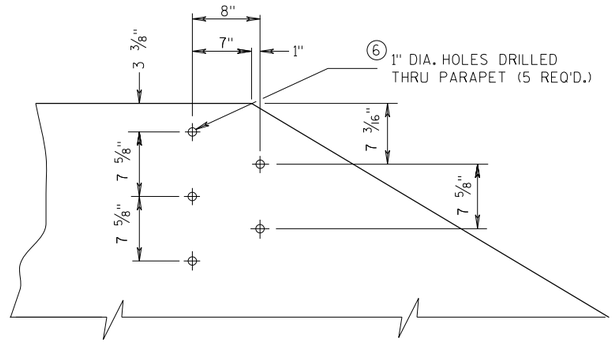
GENERAL NOTES

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

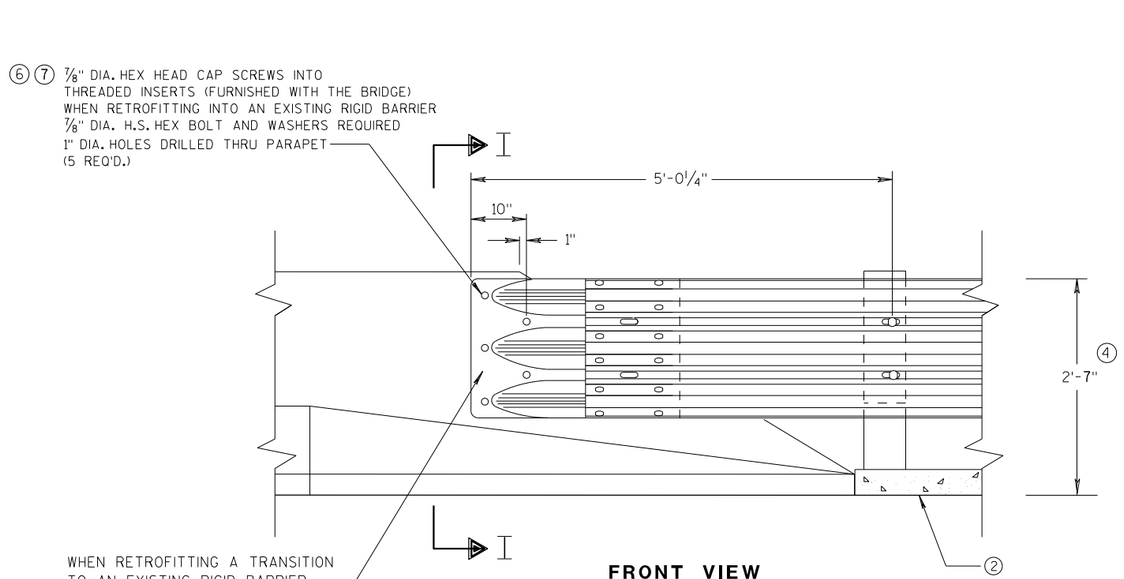
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

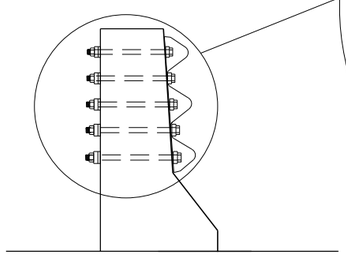
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



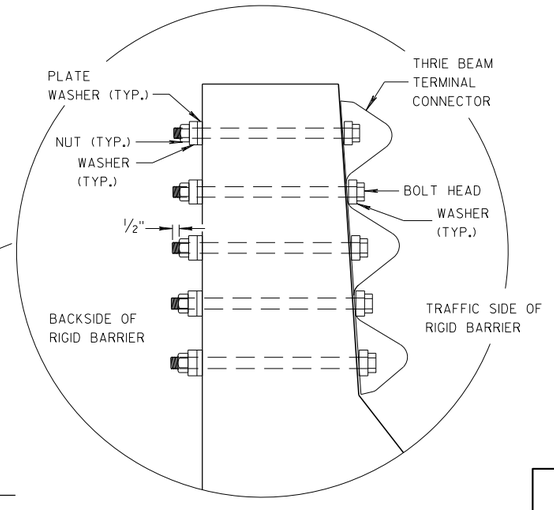
DRILL HOLE LOCATION AND PATTERN
FOR THRIE BEAM CONNECTION



FRONT VIEW



SECTION I-I



THRIE BEAM CONNECTION TO BRIDGE PARAPETS WITH SLOPED ENDS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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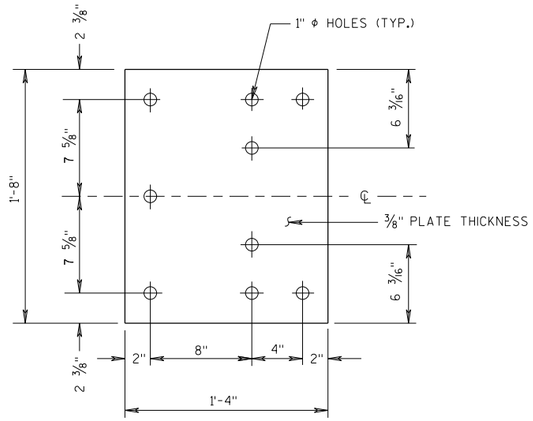
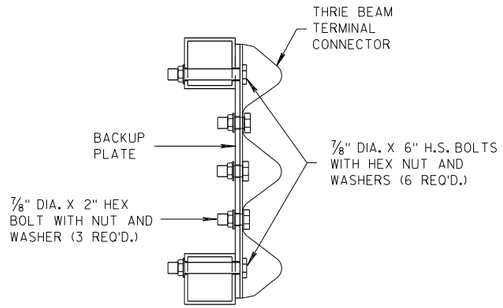
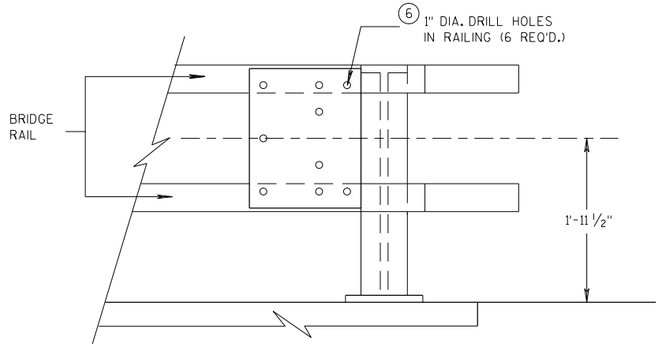


BACK-UP PLATE DETAIL



SECTION J-J

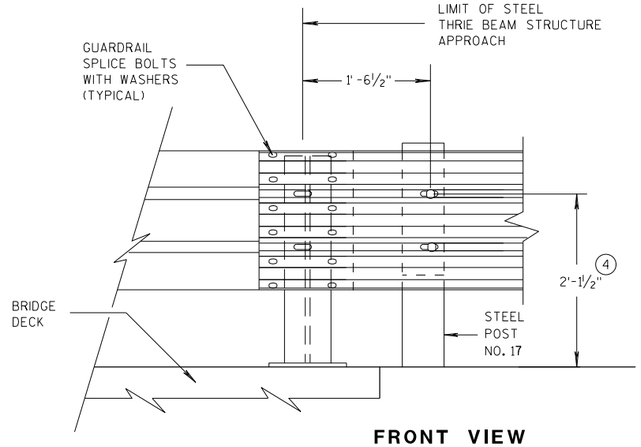


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING

GENERAL NOTES

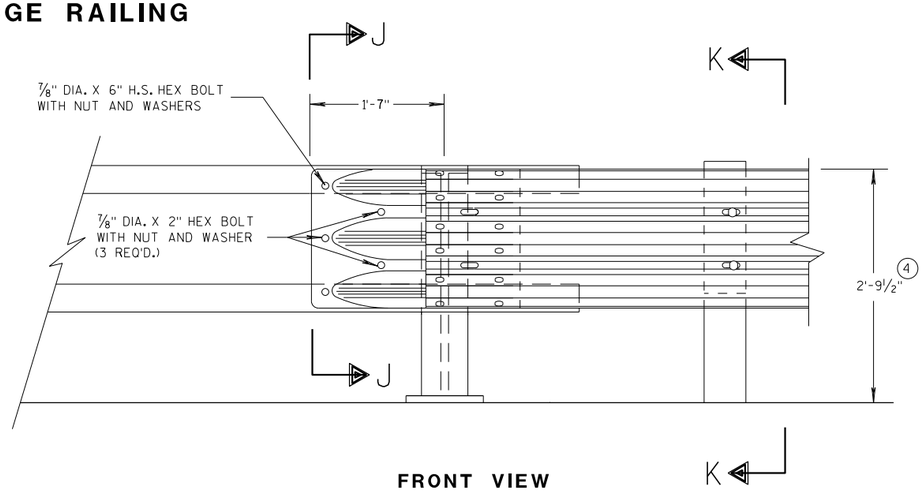
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING HOLES THROUGH THE PAPRPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

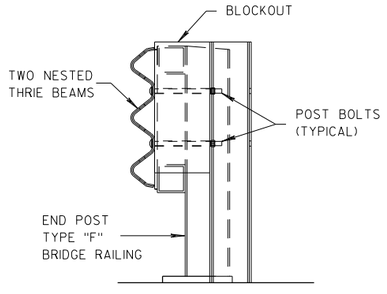


FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW



SECTION K-K

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
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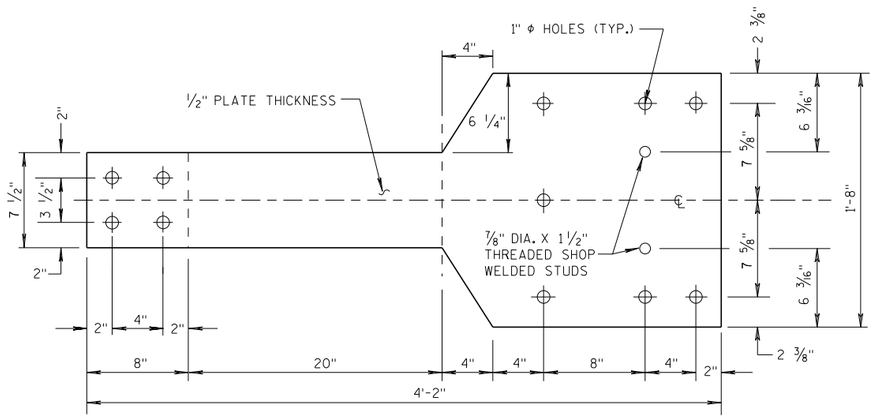
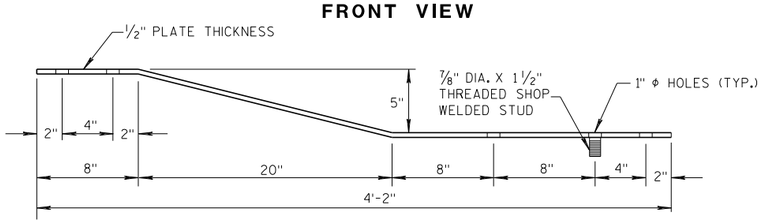
GENERAL NOTES

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

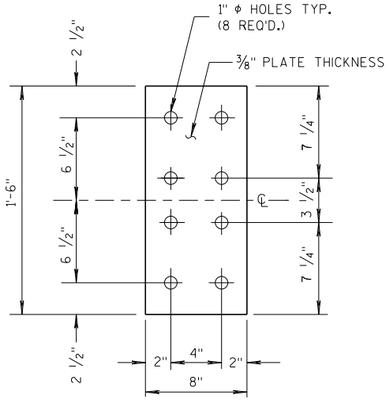


FRONT VIEW



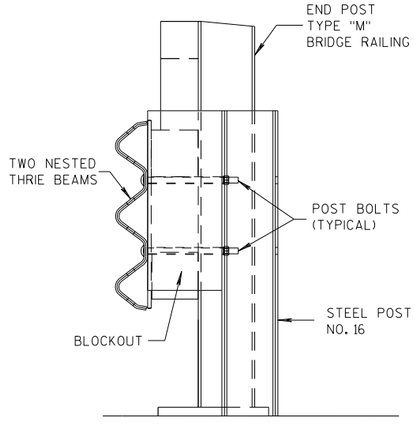
PLAN VIEW

BACK-UP PLATE DETAIL, TYPE "M"

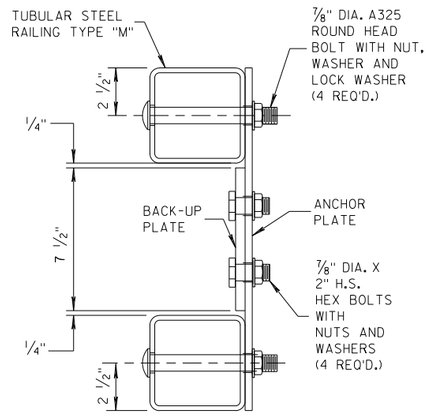


FRONT VIEW

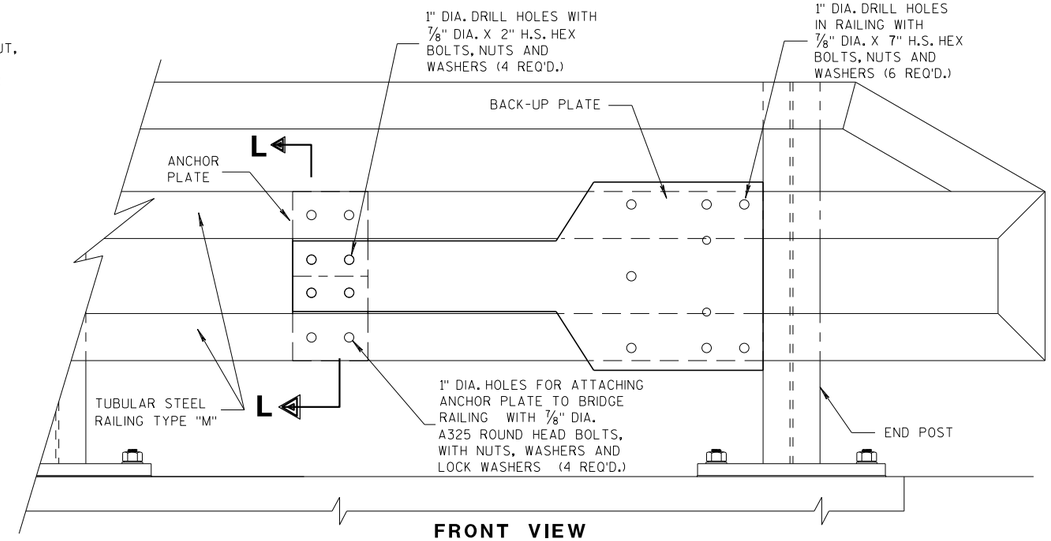
ANCHOR PLATE DETAIL, TYPE "M"



SECTION M-M

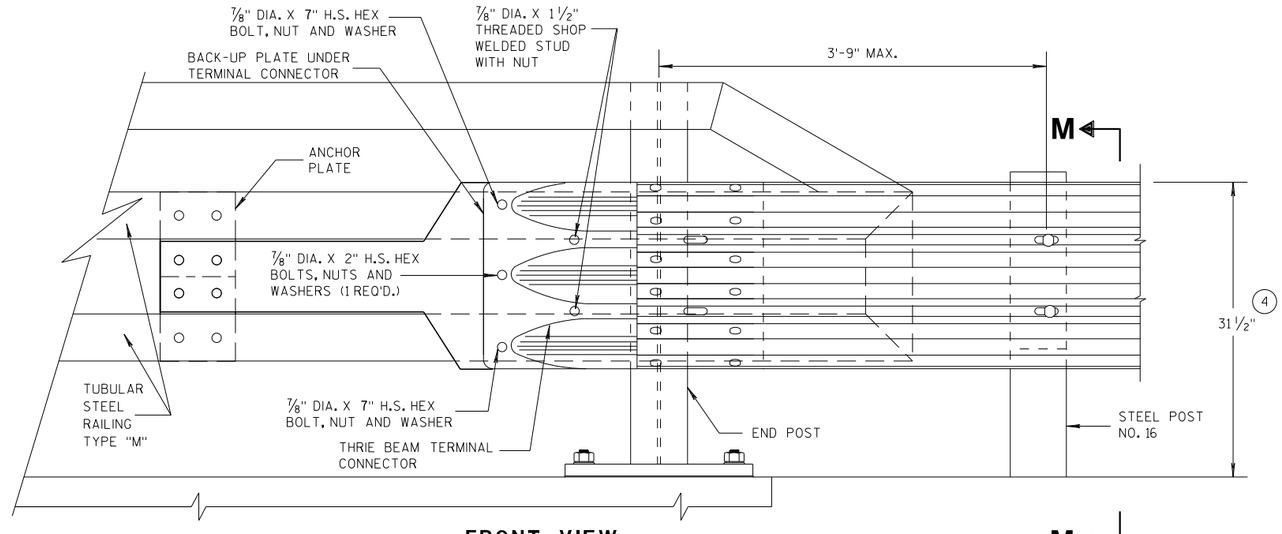


SECTION L-L

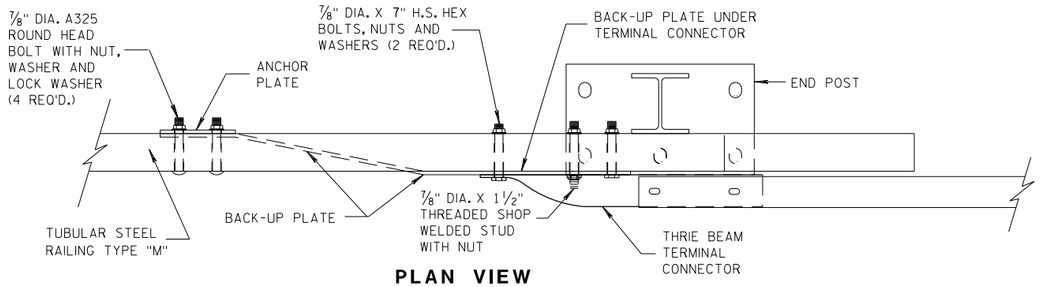


FRONT VIEW

ANCHOR AND BACK-UP PLATE MOUNTING TO BRIDGE RAILING, TYPE "M"



FRONT VIEW



PLAN VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING, TYPE "M"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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GENERAL NOTES

COVER PLATE PANELS ARE 3/16" THICK.

ALL STIFFENERS ARE 1/4" THICK.

CONNECTOR PLATE SHALL BE FABRICATED FROM ASTM GRADE A36 STEEL AND GALVANIZED.

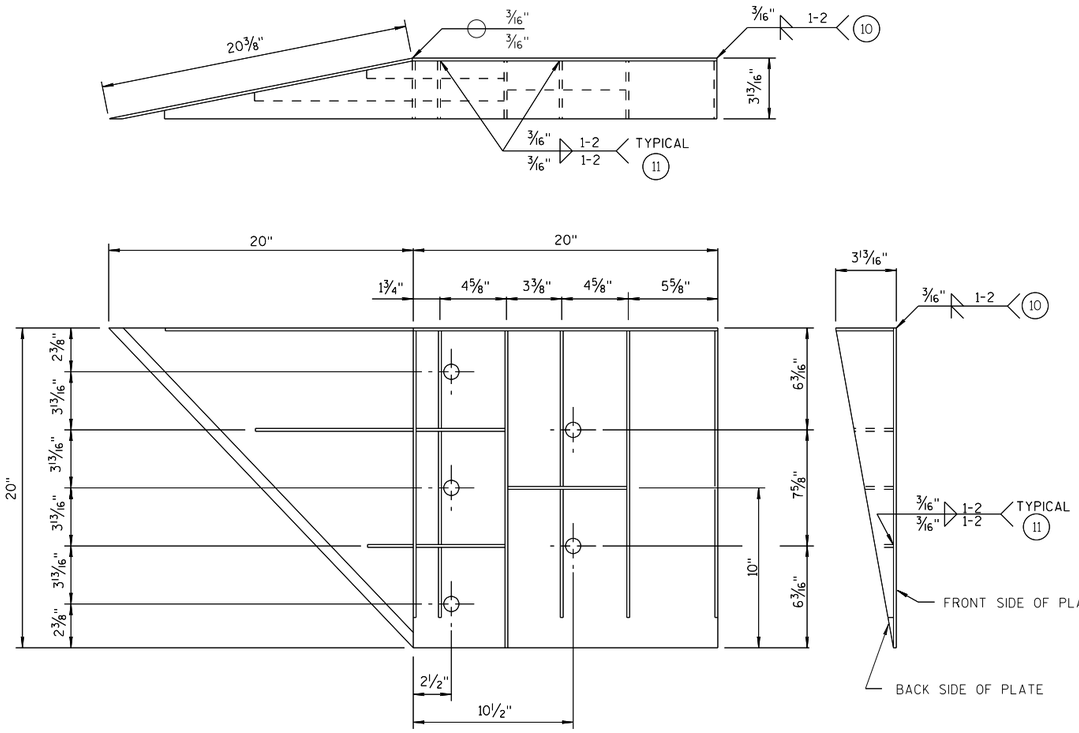
FOR GALVANIZED REQUIREMENTS, SEE SECTION 614 OF THE STANDARD SPECIFICATIONS.

ALL HOLE DIAMETERS SHALL BE 1".

FOR OPPOSITE SIDE INSTALLATION MIRROR DRAWINGS.

(10) STIFFENERS LOCATED AT THE OUTSIDE EDGES OF THE COVER PLATES SHALL BE WELDED AS FOLLOWS:
SINGLE BEVEL GROOVE WELD ON EXTERNAL SIDES AND 3/16" FILLET WELD BY 1" LONG SPACED AT 2" ON INTERNAL SIDES.

(11) STIFFENERS LOCATED ON THE INSIDE OF THE COVER PLATE SHALL BE WELDED AS FOLLOWS:
3/16" FILLET WELD BY 1" LONG SPACED AT 2".



WELDING INSTRUCTION

(VIEWED FROM BACK SIDE OF PLATE)

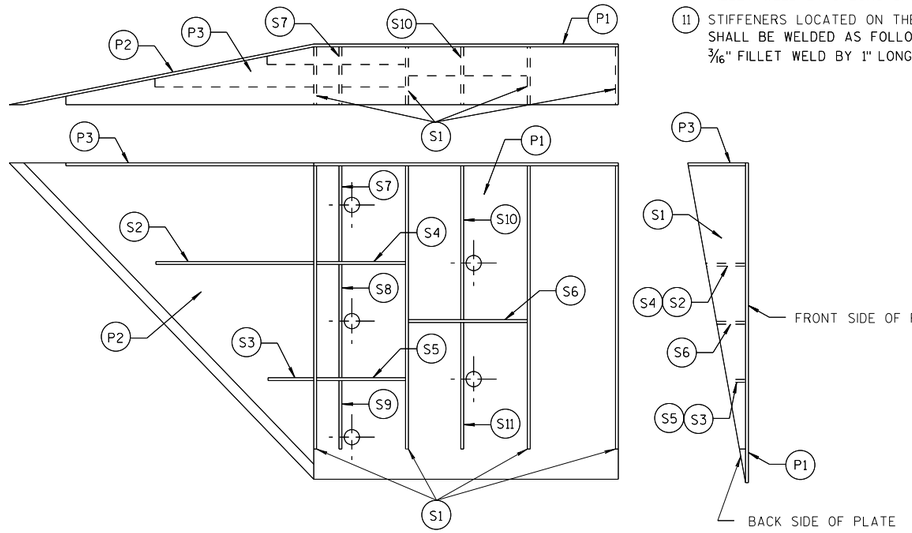


PLATE AND STIFFENER IDENTIFICATION

(VIEWED FROM BACK SIDE OF PLATE)

CONNECTOR PLATE DIMENSION (PER ASSEMBLY)

PLATE	QUANTITY	SHAPE	SIZE (A x B x C x D)	THICKNESS
P1	1		20" x 20"	3/16"
P2	1		20" x 20" x 28 9/16"	3/16"
P3	1		39" x 3 5/8" x 20" x 19 5/16"	3/16"
S1	4		18 7/16" x 3 5/8" x 18 3/4"	1/4"
S2	1		10 1/4" x 2 7/16" x 10 3/8" x 1/2"	1/4"
S3	1		3" x 1 1/16" x 3 1/8" x 1/2"	1/4"
S4	1		6 1/8" x 2 7/16"	1/4"
S5	1		6 1/8" x 1 1/16"	1/4"
S6	1		7 3/4" x 1 3/4"	1/4"
S7	1		2 9/16" x 6" x 3 5/8" x 5 7/8"	1/4"
S8	1		1 5/32" x 7 1/2" x 2 1/2" x 7 3/8"	1/4"
S9	1		6 1/16" x 6 3/16" x 1 3/32"	1/4"
S10	1		1 7/8" x 9 7/8" x 3 5/8" x 9 11/16"	1/4"
S11	1		8 1/2" x 8 3/4" x 1 13/16"	1/4"

SINGLE SLOPE CONNECTION PLATE

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
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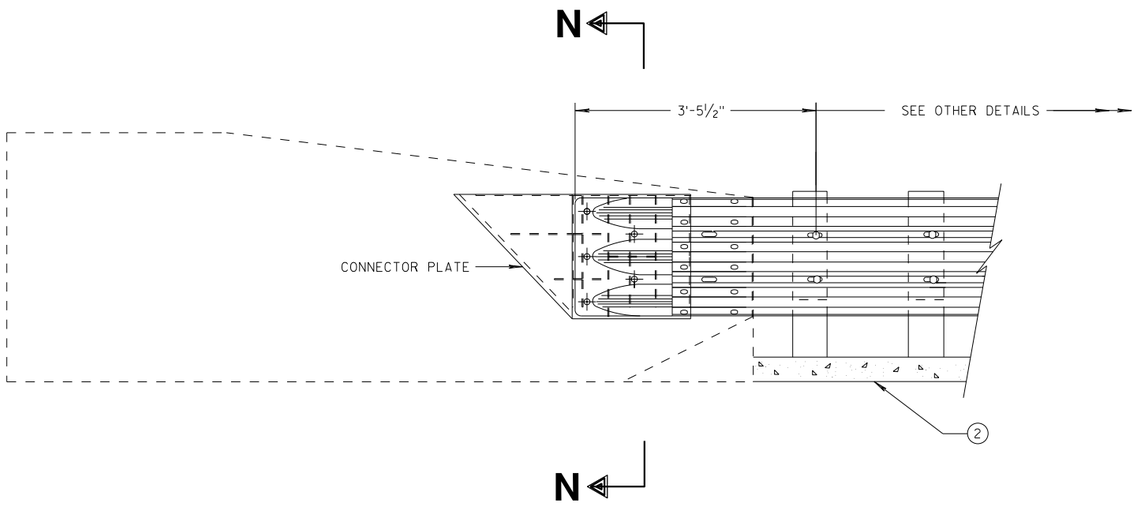
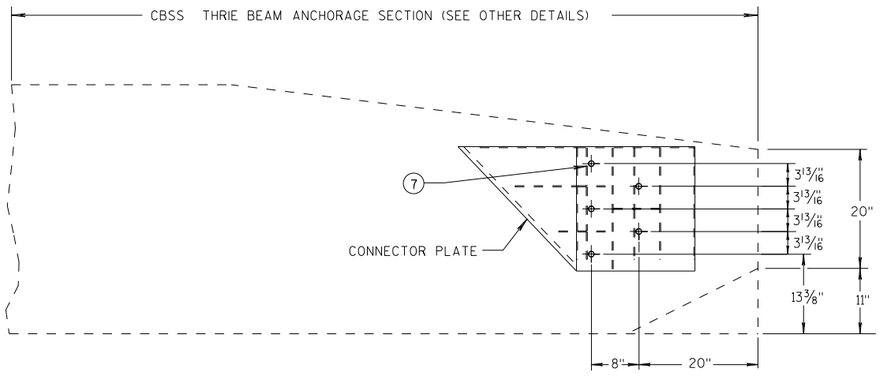


THRIE BEAM CONNECTION TO SINGLE SLOPE BARRIER



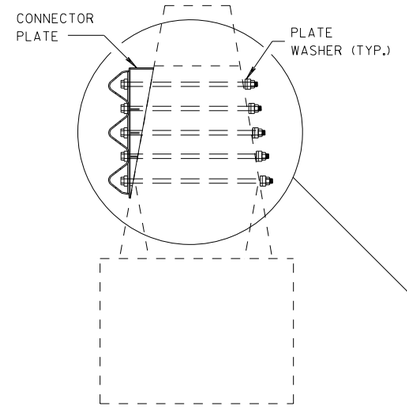
SINGLE SLOPE CONNECTION PLATE PLACEMENT

GENERAL NOTES

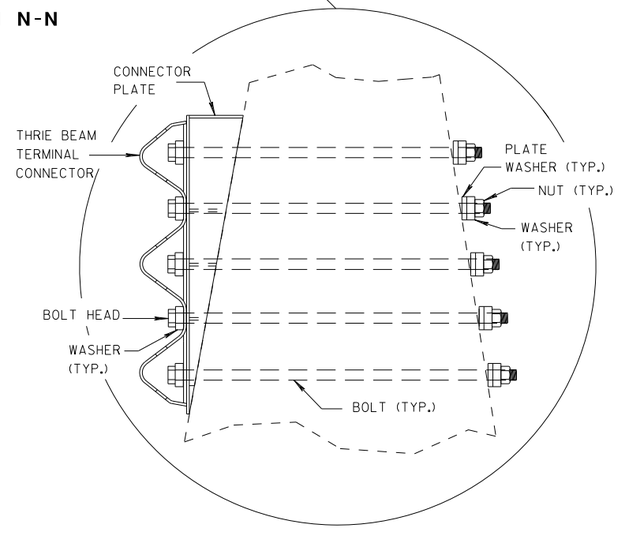
CONNECTOR PLATE, DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



SECTION N-N



MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
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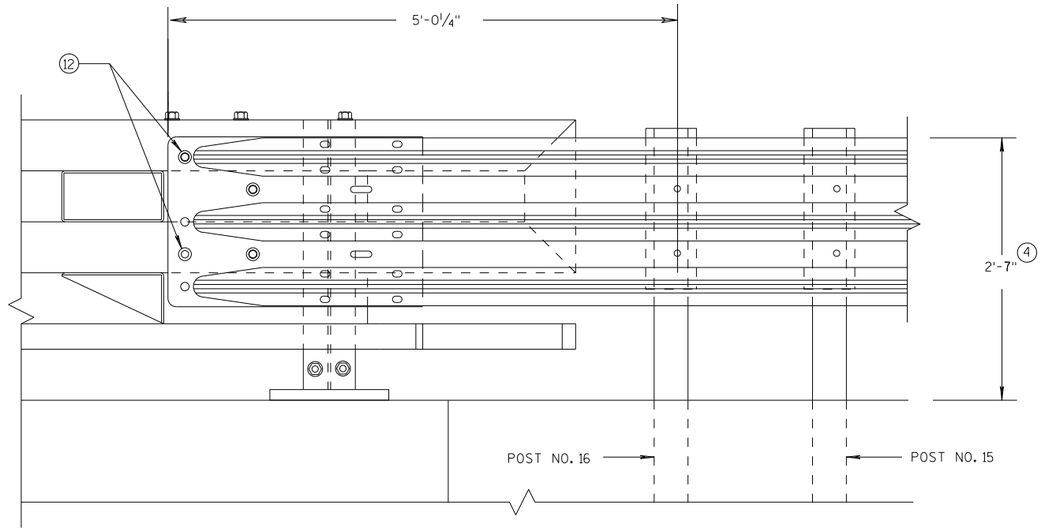
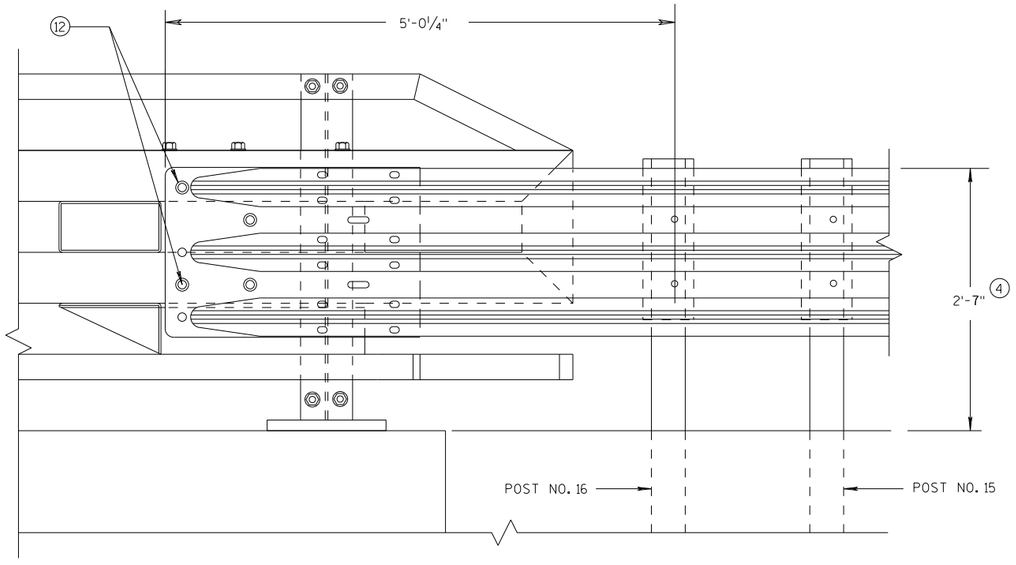


ELEVATION OF DETAIL AT NY3 END POST

THRIE BEAM RAIL ATTACHMENT



ELEVATION OF DETAIL AT NY4 END POST

THRIE BEAM RAIL ATTACHMENT

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND 1/2-INCH BEYOND NUT.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS D
UNIT SUPERVIS

NT

6

S.D.D. 14 B 45-5k

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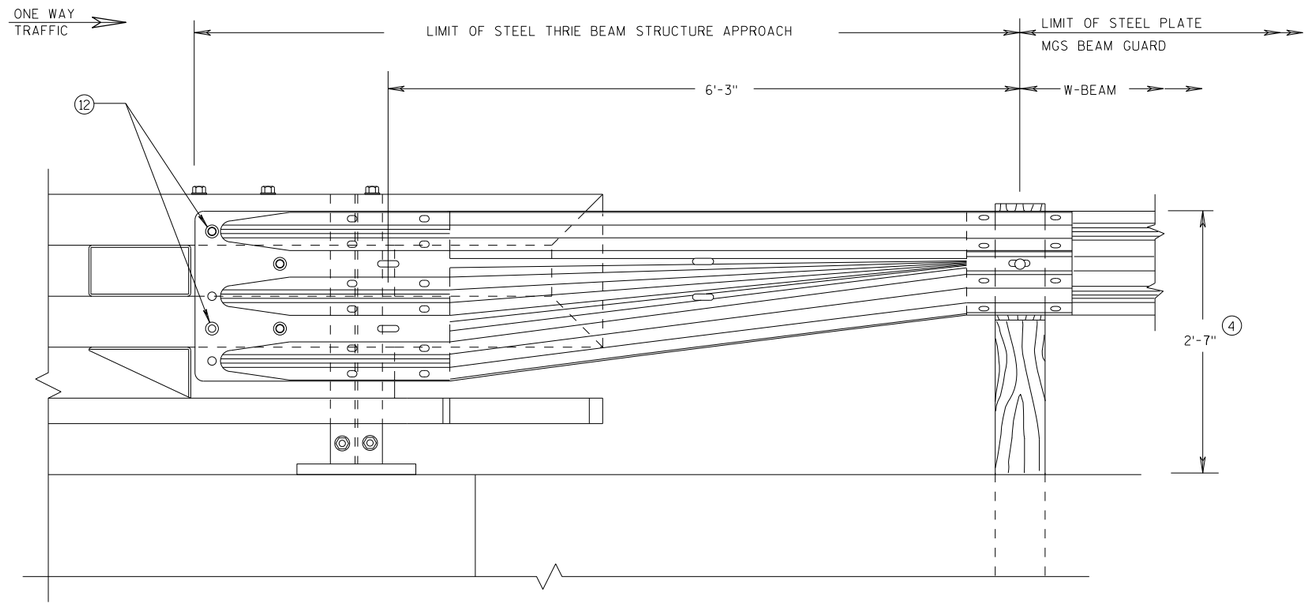
S.D.D. 14 B 45-5k



FRONT VIEW

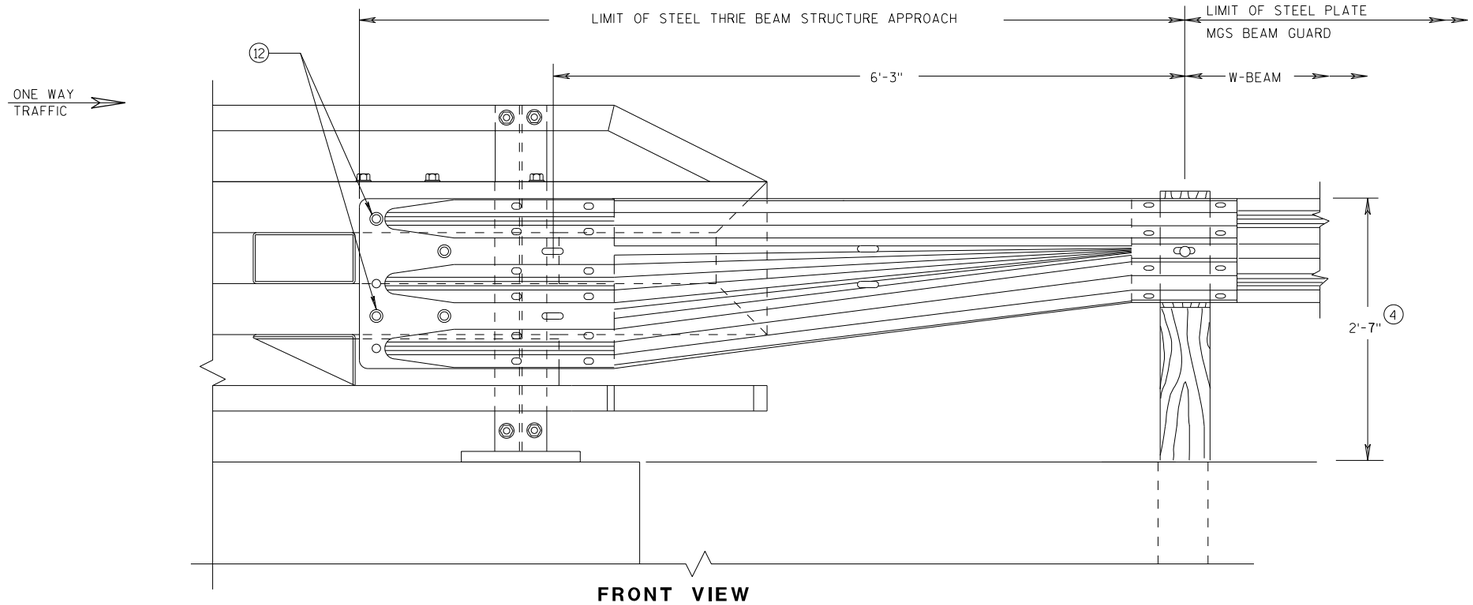
W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY3"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND 1/2-INCH BEYOND NUT.



FRONT VIEW

W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY4"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018 DATE
FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS D
UNIT SUPERVIS

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NT

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S.D.D. 14 B 45-5L

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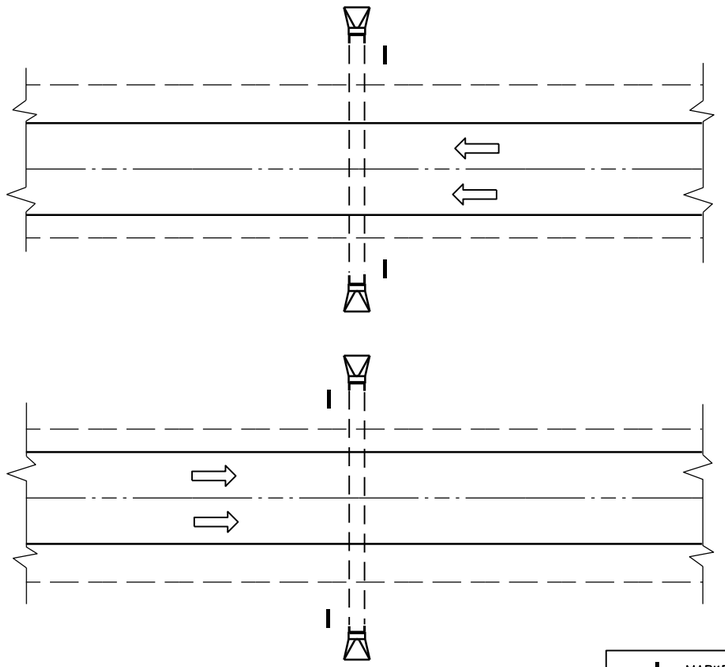
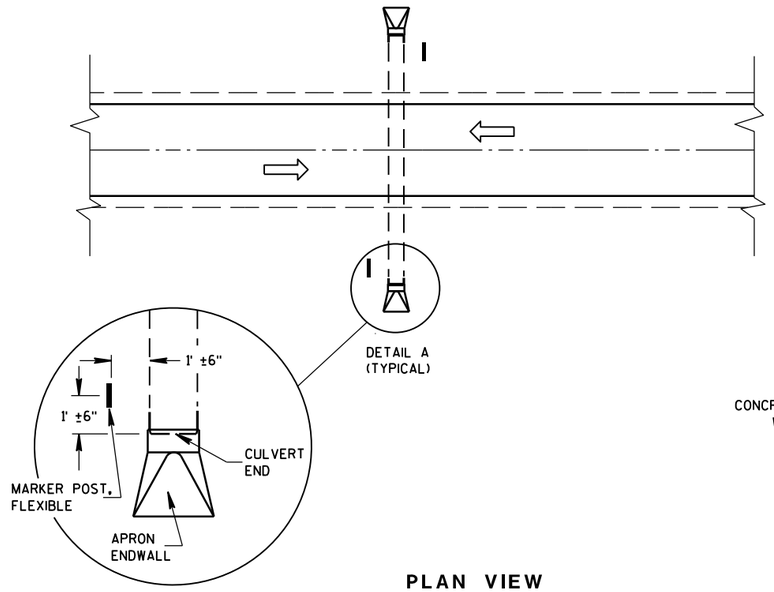
S.D.D. 14 B 45-5L



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

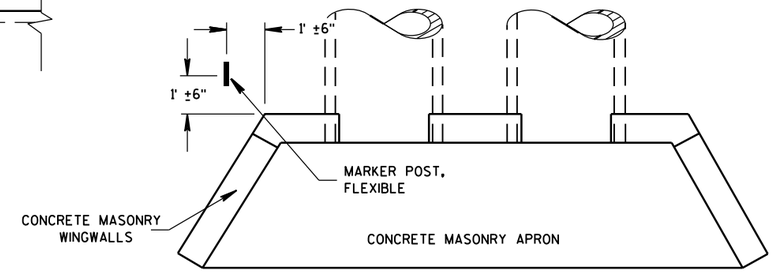
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

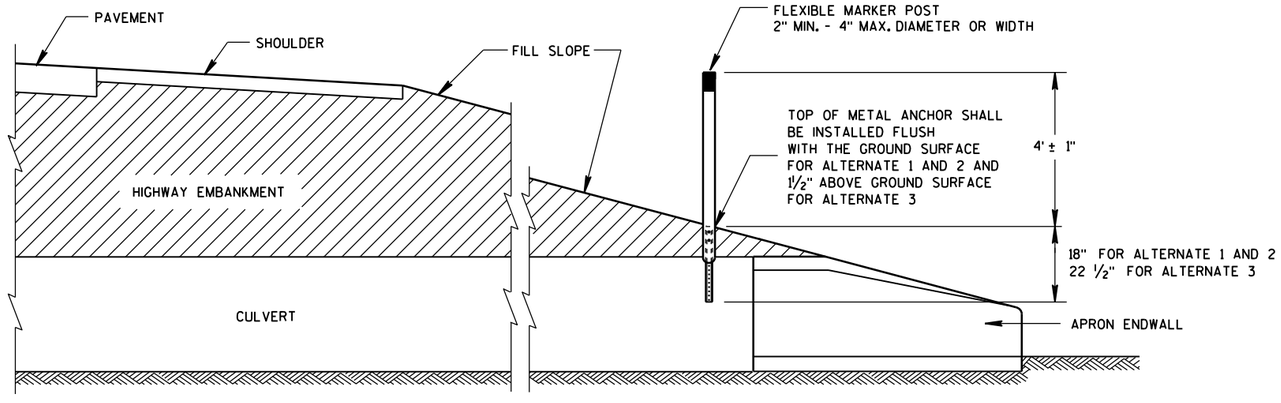
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 15 A 3-2a

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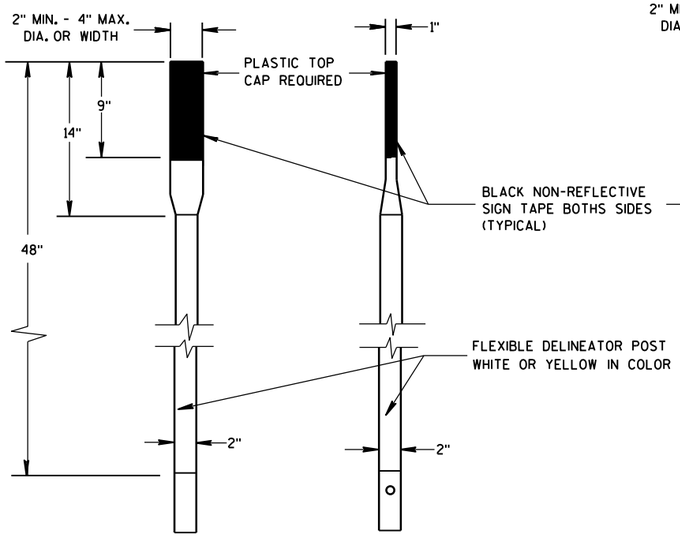
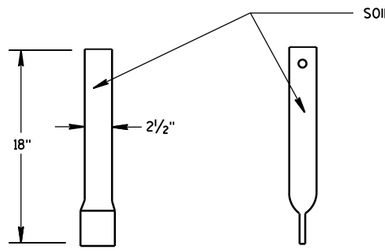
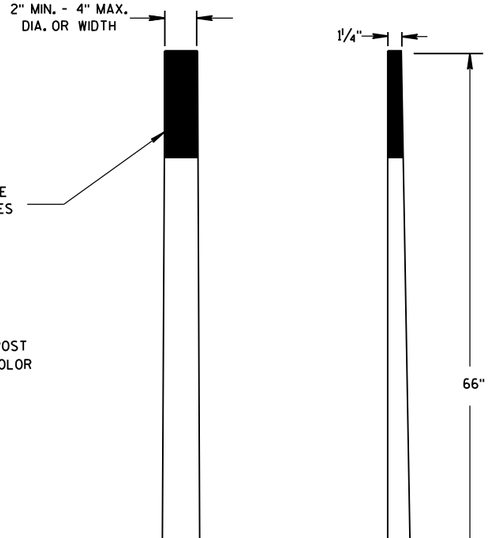
S.D.D. 15 A 3-2a





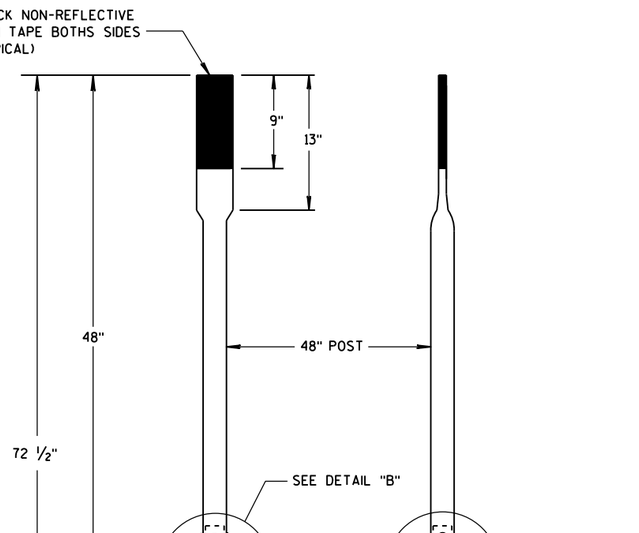
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

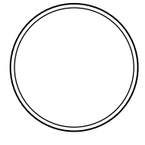
ALTERNATE 2



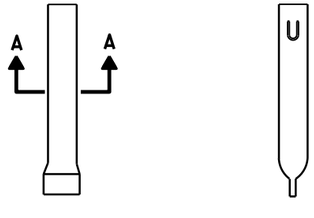
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POSTS

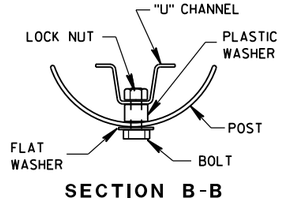


SECTION A-A

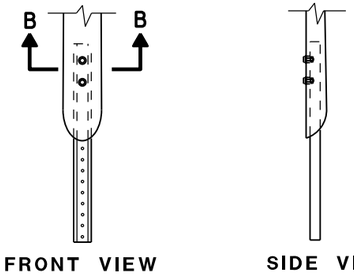


FRONT VIEW SIDE VIEW

ALTERNATE 1

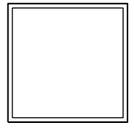


SECTION B-B

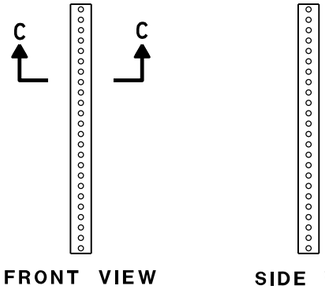


FRONT VIEW SIDE VIEW

ALTERNATE 2



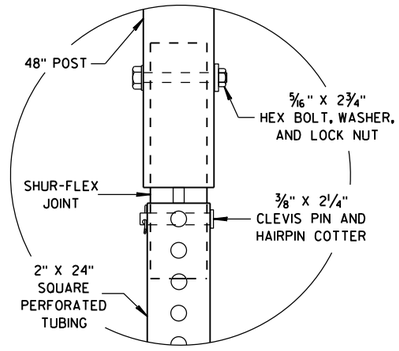
SECTION C-C



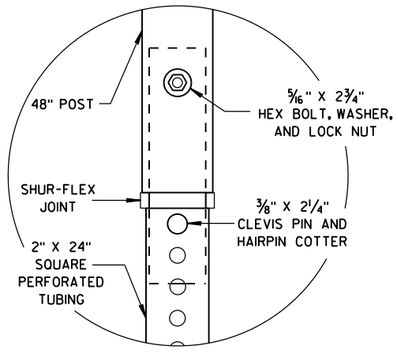
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/1/2012 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

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S.D.D. 15 A 3-2b

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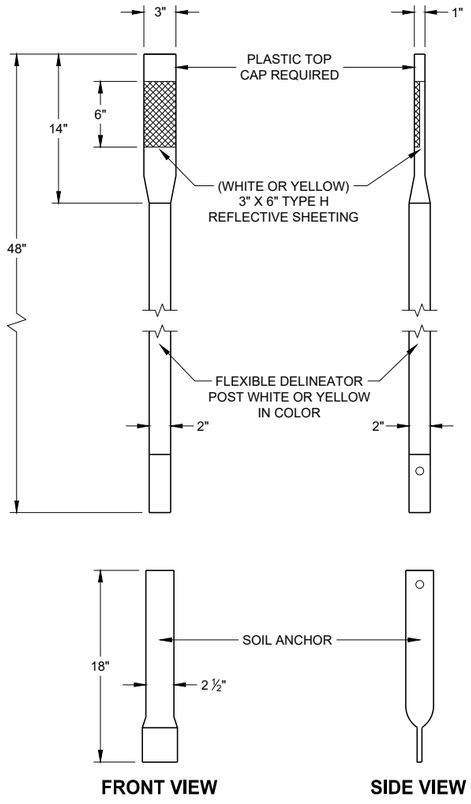
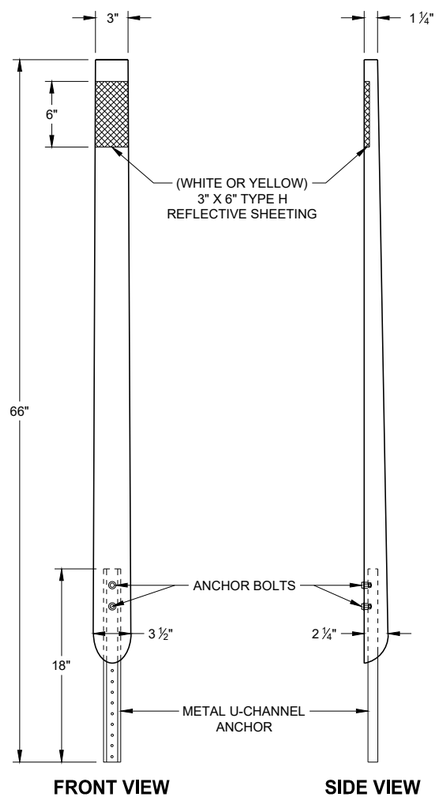
S.D.D. 15 A 3-2b



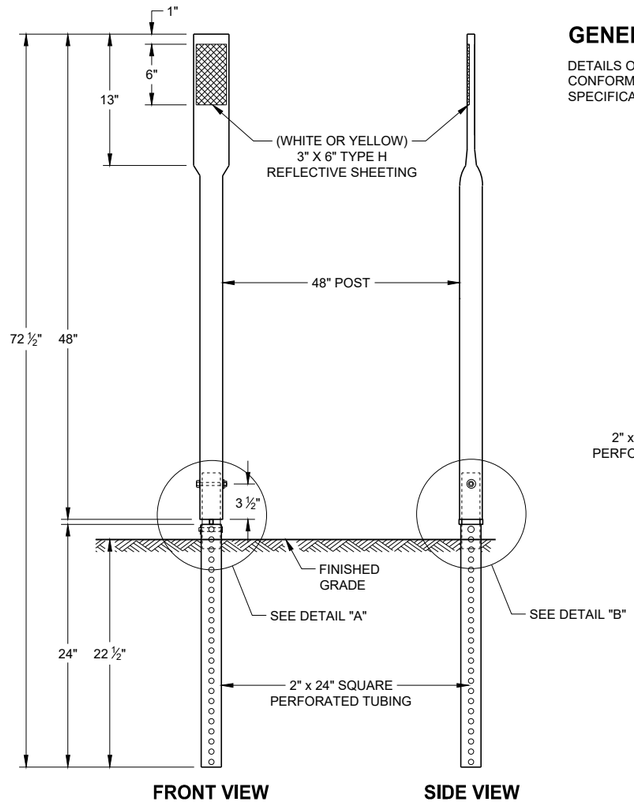
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

ALTERNATE 2



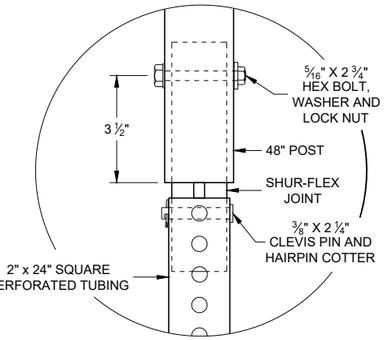
FRONT VIEW SIDE VIEW

ALTERNATE 3

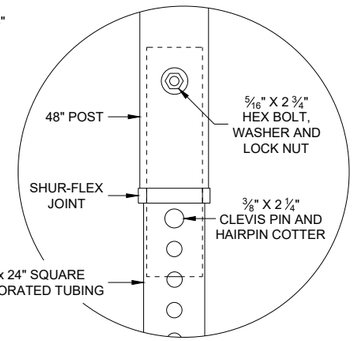
FLEXIBLE DELINEATOR POSTS

GENERAL NOTES

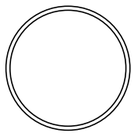
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



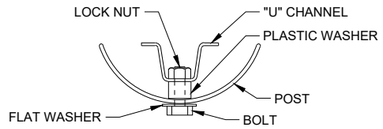
DETAIL A



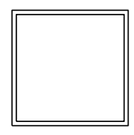
DETAIL B



SECTION A - A



SECTION B - B

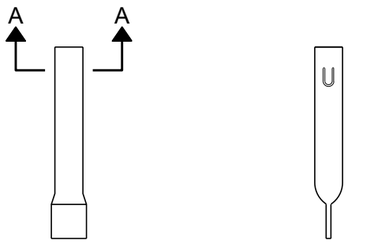


SECTION C - C

REFLECTOR SPACING TABLE

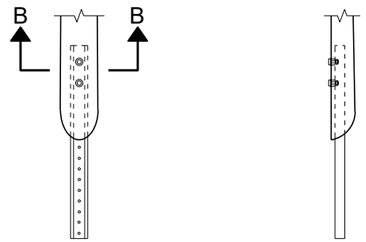
REFLECTOR SPACING	LOCATION
* 100' C-C	RAMPS
400' C-C	MAINLINE

* START AT BEGINNING OF RAMP TAPER AND END AT END OF RAMP TAPER



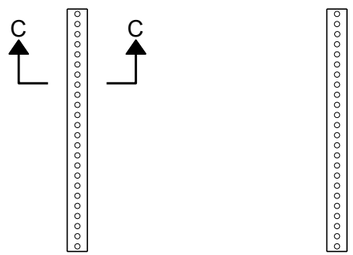
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

ALTERNATE 2



FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS

FLEXIBLE DELINEATOR POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

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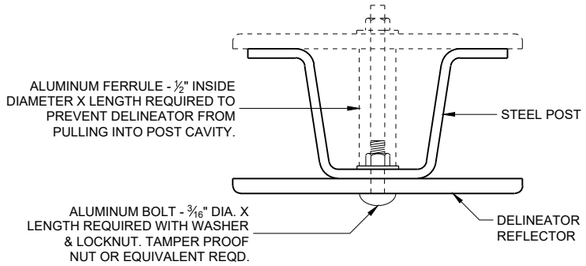
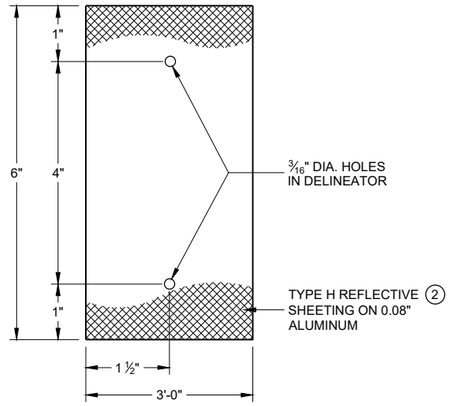
SDD 15A04 - 07a

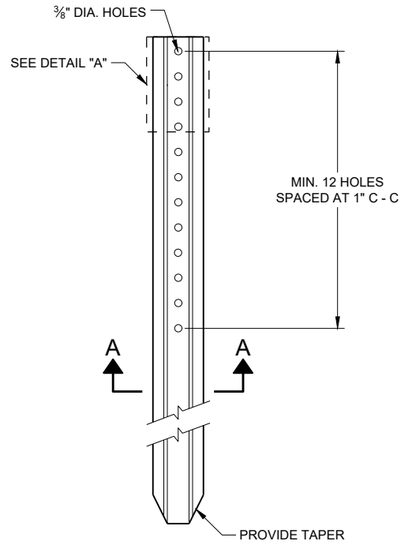
SDD 15A04 - 07a



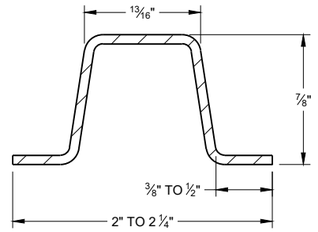
MOUNTING DETAIL FOR DELINEATOR REFLECTOR



DETAIL "A" 3" X 6" DELINEATOR REFLECTOR



DELINEATOR POST



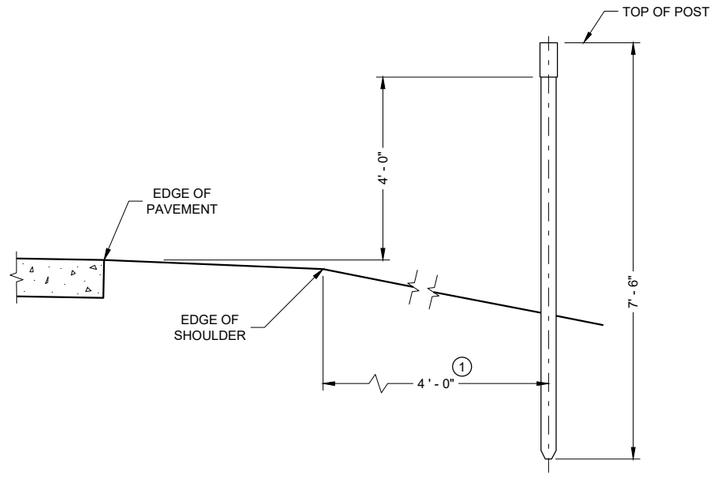
SECTION A - A

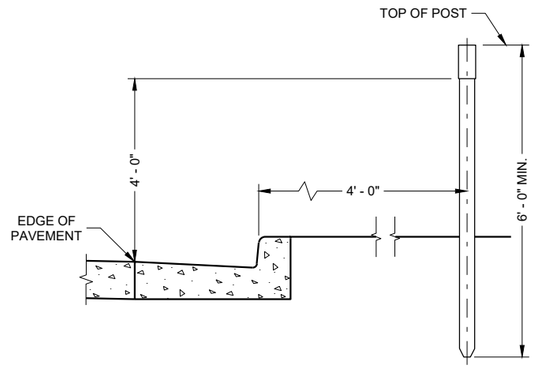
WEIGHT 1.12 LBS PER FT. \ 0.1 LB.

REFLECTOR SPACING TABLE

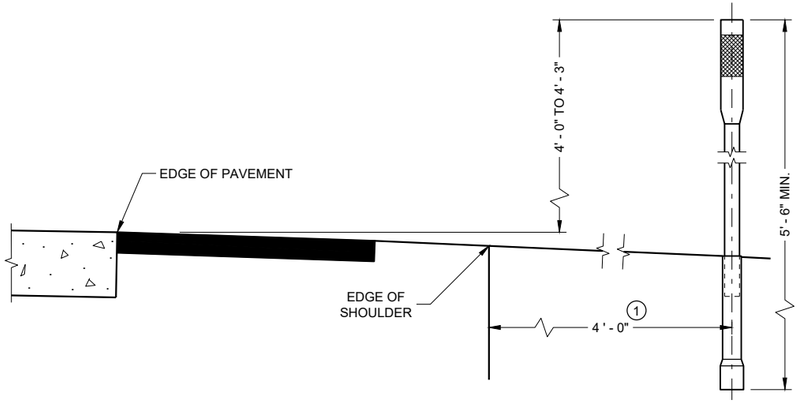
REFLECTOR SPACING	LOCATION
* 100' C-C	RAMPS
400' C-C	MAINLINE

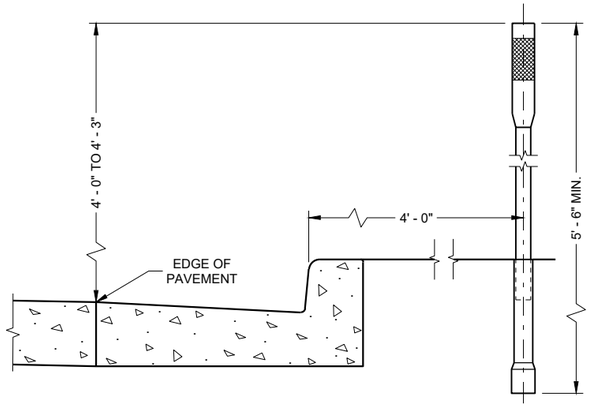
* START AT BEGINNING OF RAMP TAPER AND END AT END OF RAMP TAPER





TYPICAL INSTALLATIONS OF DELINEATOR POSTS





TYPICAL INSTALLATIONS OF FLEXIBLE DELINEATOR POSTS

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF TEH STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

1. DELINEATORS SHALL BE PLACED AT A CONSTANT DISTANCE FROM THE EDGE OF THE SHOULDER FOR THE LENGTH OF THE INSTALLATION.
2. FURNISH TYPE H SHEETING FROM THE APPROVED PRODUCTS LIST.

DELINEATOR POST WITH REFLECTIVE SHEETING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAR ENGINEER

FHWA

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SDD 15A04 - 07c

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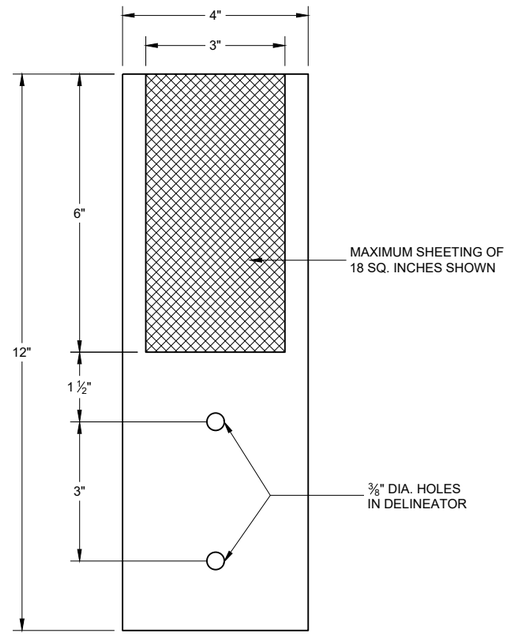
SDD 15A04 - 07c



4" x 12" DELINEATOR
WITH REFLECTIVE SHEETING

6

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SDD 15A04 - 07e

SDD15A04 - 07e

DELINEATOR
WITH REFLECTIVE SHEETING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

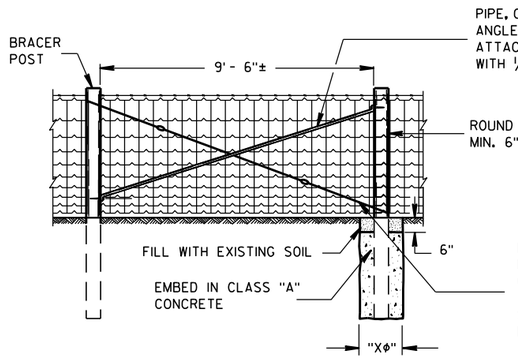
November 2021
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAR
ENGINEER

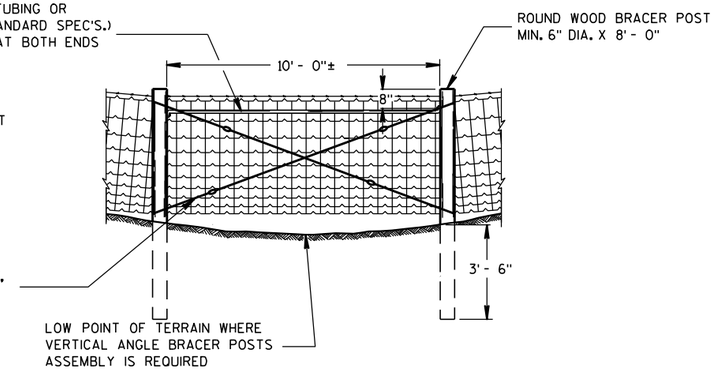
FHWA

NOTE: PULL OR STRETCHER POST ASSEMBLIES SHALL BE PLACED MIDWAY BETWEEN END POSTS AND CORNER POSTS WHERE A RUN OF FENCE EXCEEDS 660' BUT IS LESS THAN 1,320'. FOR RUNS OF FENCE IN EXCESS OF 1,320' MAXIMUM SPACING OF PULL OR STRETCHER POST ASSEMBLIES SHALL BE 660'± C-C.

ILLUSTRATION SHOWS POSITION OF STANDARD STEEL BRACE, DOUBLE STRAND GALVANIZED WIRE, AND THE POST TO BE EMBEDDED IN CONCRETE WHEN WIRE FENCE IS INSTALLED FROM LEFT TO RIGHT. THE BRACES SHALL BE POSITIONED ON THE OPPOSITE DIAGONALS AND THE OPPOSITE POST SHALL BE EMBEDDED IN CONCRETE WHEN WIRE FENCE IS INSTALLED FROM RIGHT TO LEFT.



PULL OR STRETCHER POSTS ASSEMBLY



VERTICAL ANGLE BRACER POSTS ASSEMBLY

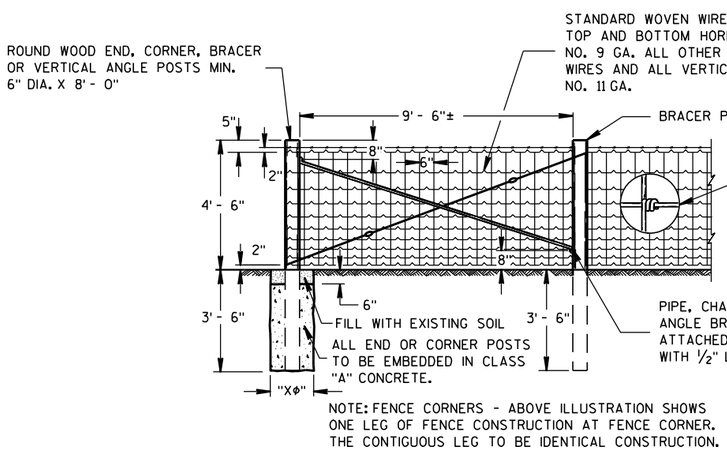
GENERAL NOTES

"XΦ" = DIAMETER OF THE POST PLUS 12".

FENCE STAPLES SHOULD NEVER BE DRIVEN VERTICALLY INTO WOOD POSTS (WITH BOTH LEGS PARALLEL WITH THE WOOD GRAIN). DOING SO CAN SEPARATE THE GRAIN AND SIGNIFICANTLY REDUCE THE HOLDING POWER. ROTATING THE STAPLES SLIGHTLY OFF VERTICAL STRADDLES THE GRAIN AND PROVIDES MORE RESISTANCE TO PULL-OUT.

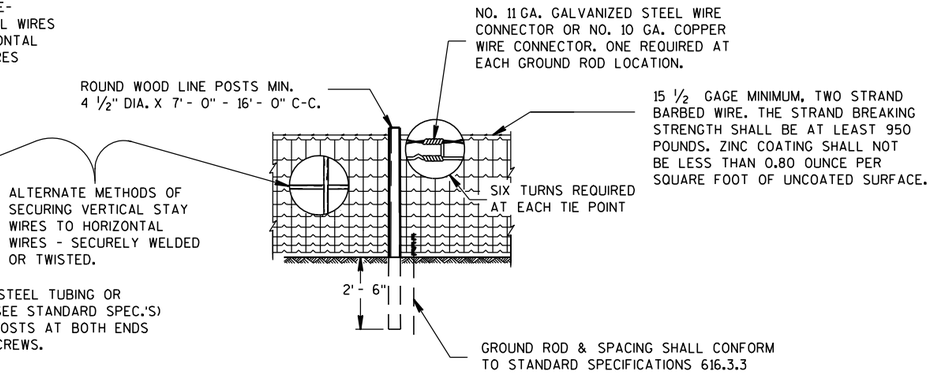
DO NOT STAPLE WIRE TIGHT TO THE LINE POSTS. ALLOW MOVEMENT OF WIRE FOR EXPANSION AND CONTRACTION. STAPLE ARRANGEMENT SHALL BE THE SAME FOR ALL OTHER POSTS EXCEPT THAT THEY SHALL BE DRIVEN TIGHT TO POSTS. ALL STAPLES SHALL BE 2" X 9 GAGE AND SHALL BE MANUFACTURED FROM GALVANIZED WIRE OR HOT DIP GALVANIZED AFTER FORMING. STAPLES SHALL HAVE SLASH-CUT POINTS.

FENCE SHALL BE LOCATED 3'-0" INSIDE THE RIGHT OF WAY LINE UNLESS OTHERWISE INDICATED ON THE PLANS.



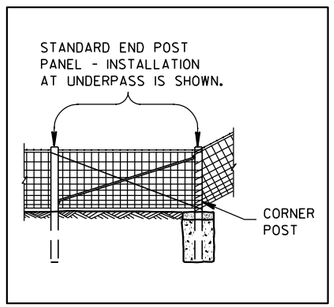
NOTE: FENCE CORNERS - ABOVE ILLUSTRATION SHOWS ONE LEG OF FENCE CONSTRUCTION AT FENCE CORNER. THE CONTIGUOUS LEG TO BE IDENTICAL CONSTRUCTION.

END OR CORNER POSTS ASSEMBLY

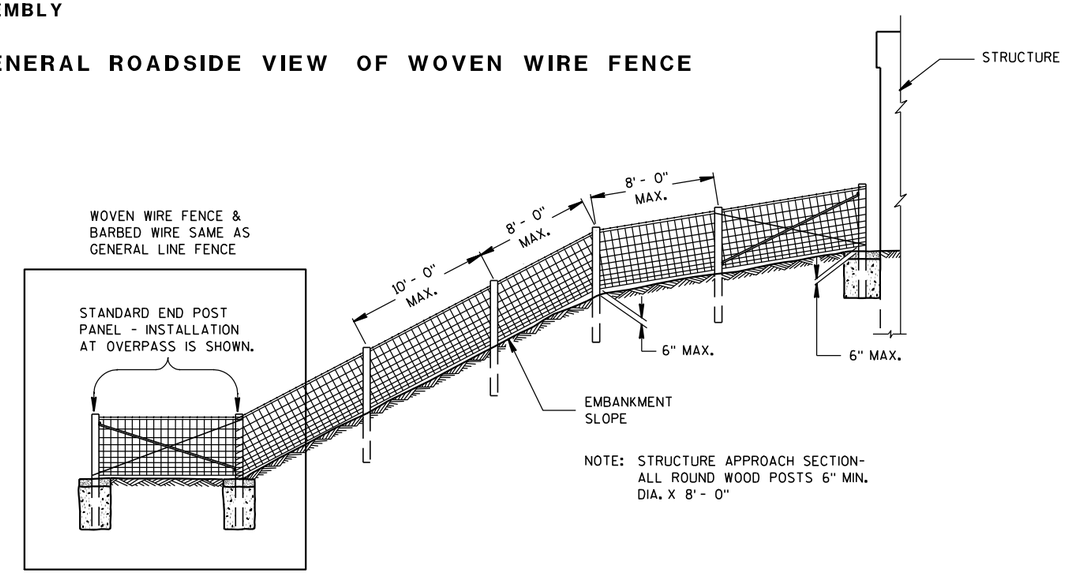


LINE FENCE CONSTRUCTION

GENERAL ROADSIDE VIEW OF WOVEN WIRE FENCE



ALTERNATE FENCE DESIGN AT STRUCTURE



NOTE: STRUCTURE APPROACH SECTION- ALL ROUND WOOD POSTS 6" MIN. DIA. X 8' - 0"

FENCE DESIGN AT STRUCTURE APPROACH

FENCE WOVEN WIRE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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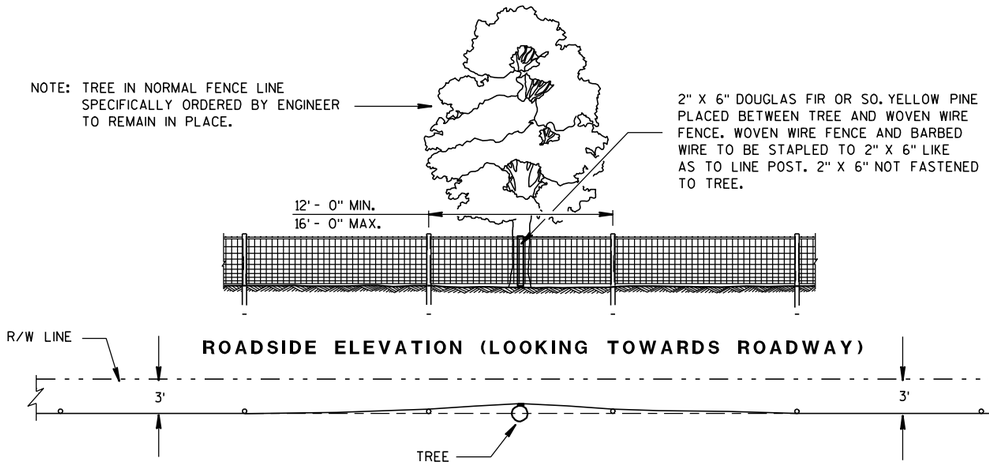
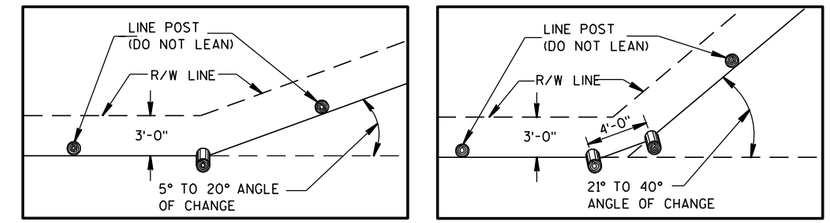
S.D.D. 15 B 1-8a



ROADSIDE ELEVATION (LOOKING TOWARDS ROADWAY)

PLAN VIEW

FENCE DESIGN AT TREES REMAINING IN NORMAL FENCE LINE



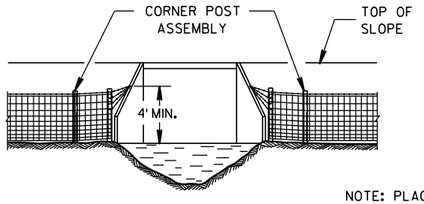
PLAN VIEW
SINGLE POST CORNER

PLAN VIEW
DOUBLE POST CORNER

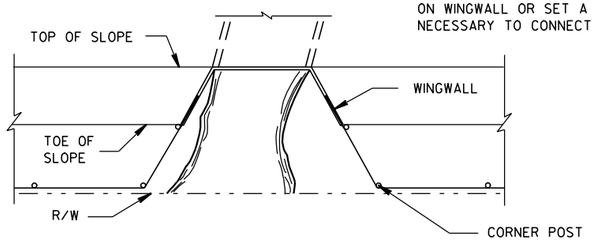
RIGHT OF WAY LINE CHANGE 40° AND LESS

NOTE: SINGLE AND DOUBLE POSTS SHALL BE A MIN. 6" DIA. X 8'-0" WITH A LEAN OF 4" TOWARD THE OUTSIDE OF THE CURVE.

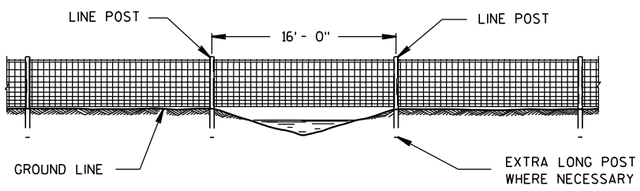
WHEN THE RIGHT OF WAY LINE CHANGE IS MORE THAN 40° USE THE CORNER OR STRETCHER POSTS ASSEMBLY.



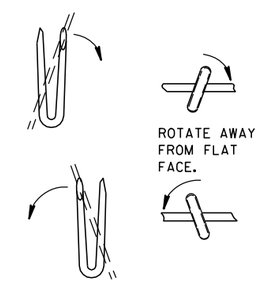
NOTE: PLACE A MINIMUM OF 4 STRANDS OF BARBED WIRE, 6" MAXIMUM CENTERS IN FAN SHAPE CONNECTED TO AN EYE BOLT ON WINGWALL OR SET A LONE POST WHEN NECESSARY TO CONNECT BARBED WIRE.



FENCE INSTALLATION TO WINGWALLS

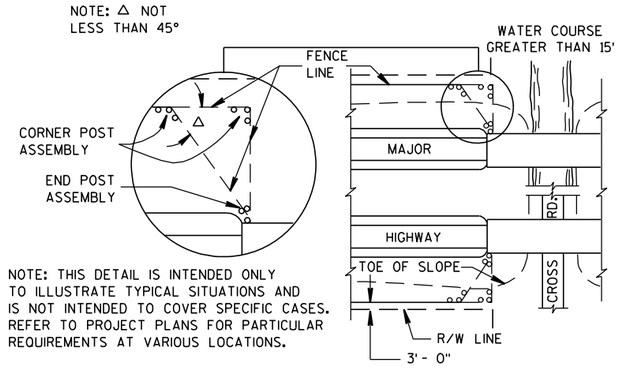


FENCE CONSTRUCTION OVER STREAM COURSES OF 15 FT. OR LESS IN WIDTH



LINE POST

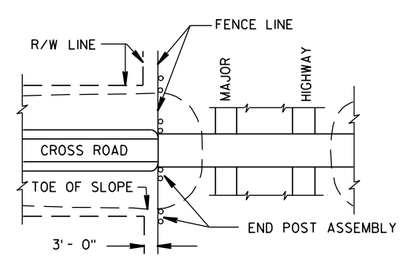
NOTE: WHEN POSTS ARE DRIVEN THE SMALL END SHALL BE DOWN.



NOTE: THIS DETAIL IS INTENDED ONLY TO ILLUSTRATE TYPICAL SITUATIONS AND IS NOT INTENDED TO COVER SPECIFIC CASES. REFER TO PROJECT PLANS FOR PARTICULAR REQUIREMENTS AT VARIOUS LOCATIONS.

PLAN VIEW

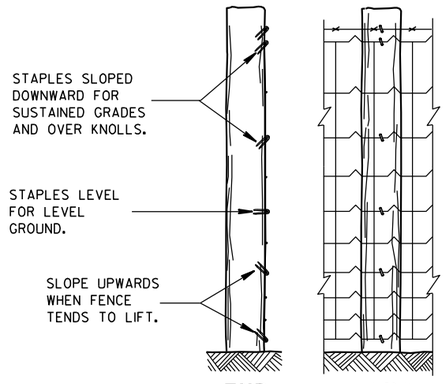
MAJOR HIGHWAY OVERPASS OR STREAM COURSE CROSSING OF GREATER THAN 15 FT. IN WIDTH



PLAN VIEW

MAJOR HIGHWAY UNDERPASS

FENCE LOCATION AT STRUCTURES



END ELEVATION

FARM SIDE ELEVATION

FENCE MOUNTING DETAIL

FENCE WOVEN WIRE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4/4/2008 /S/ Jerry H. 7---
DATE ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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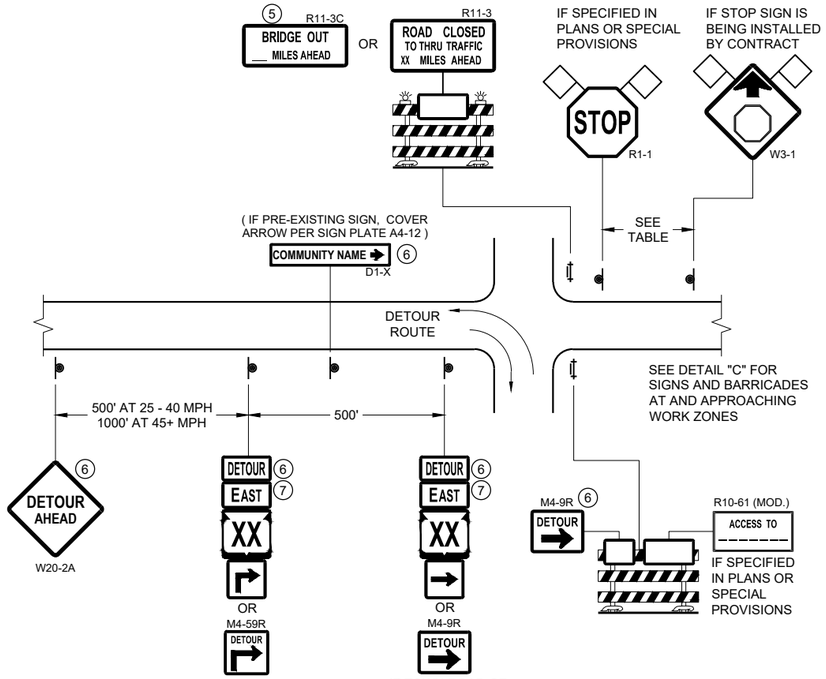
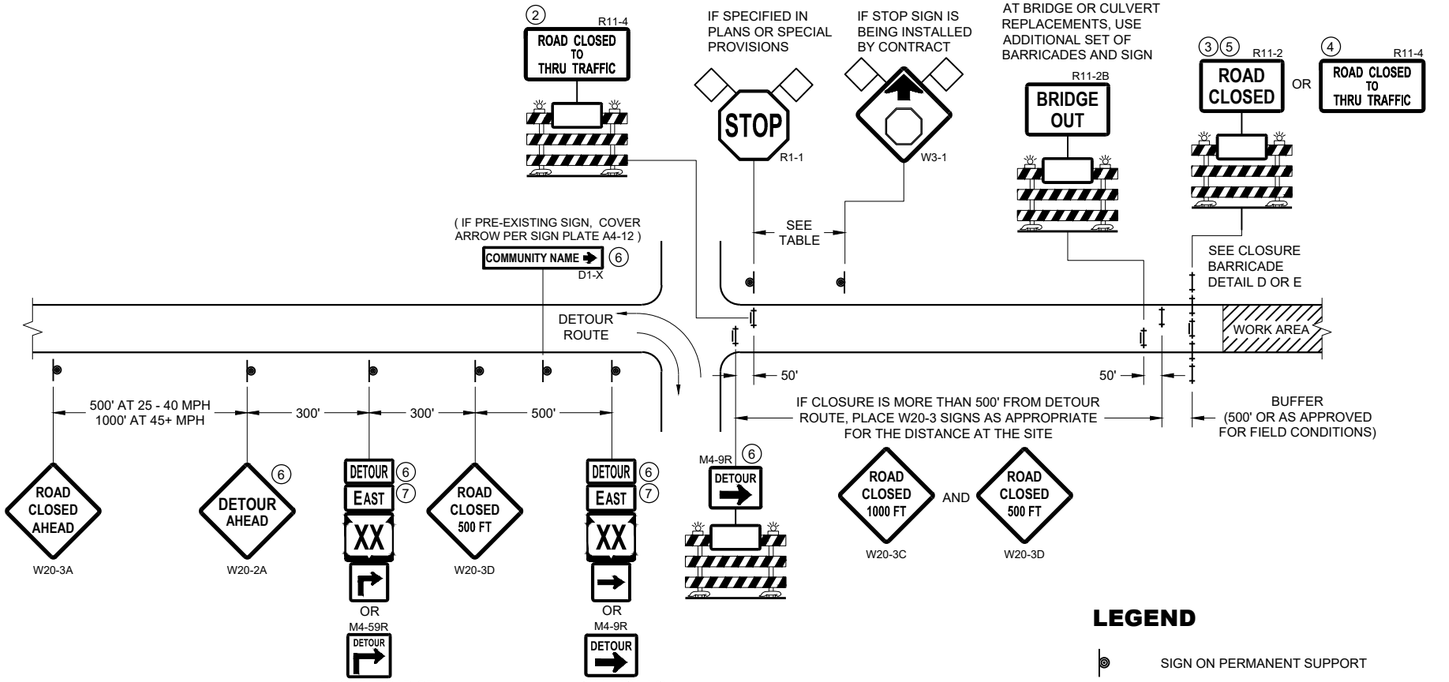
S.D.D. 15 B 1-8b

S.D.D. 15 B 1-8b



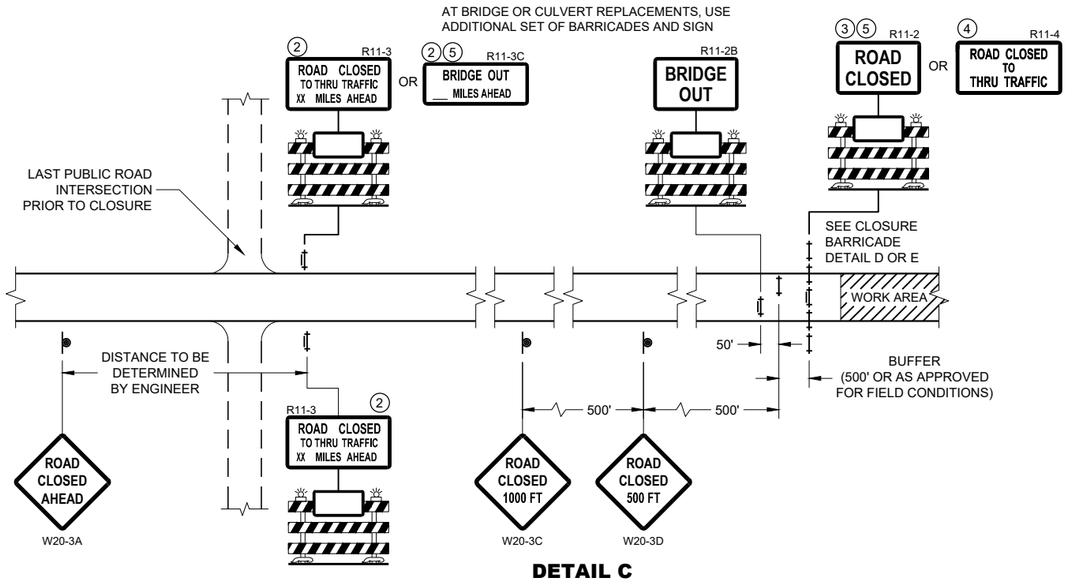


DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)

DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b"
FOR GENERAL NOTES
AND FOOTNOTES ① THROUGH ⑦

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)
- DETOUR — M4 - 8
- EAST — M3 - X
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M06 - 1

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

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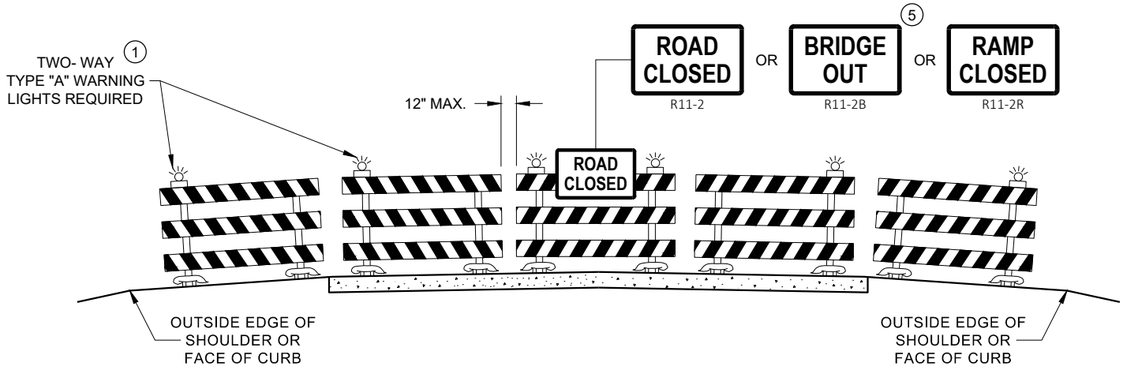
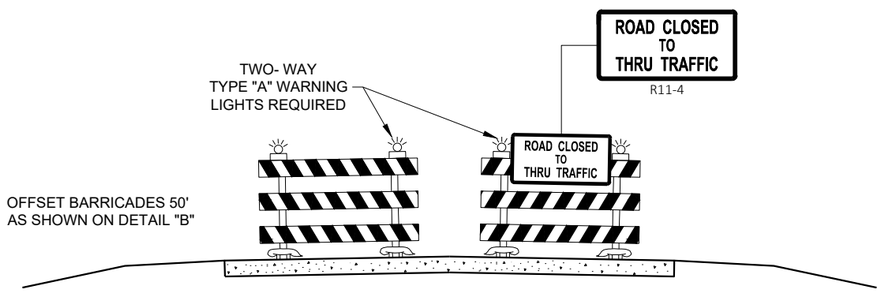
SDD 15C02 - 08a

SDD 15C02 - 08a



DETAIL D
ROAD CLOSURE BARRICADE DETAIL
APPROACH VIEW



DETAIL E
LANE CLOSURE BARRICADE DETAIL
APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE", SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER
FHWA

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SDD 15C02 - 08b

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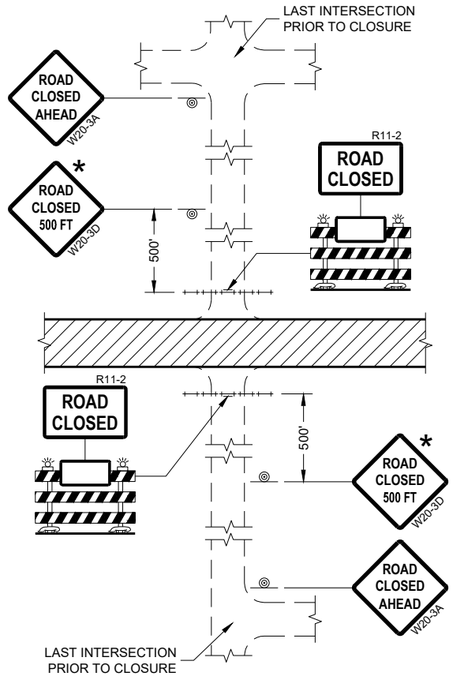
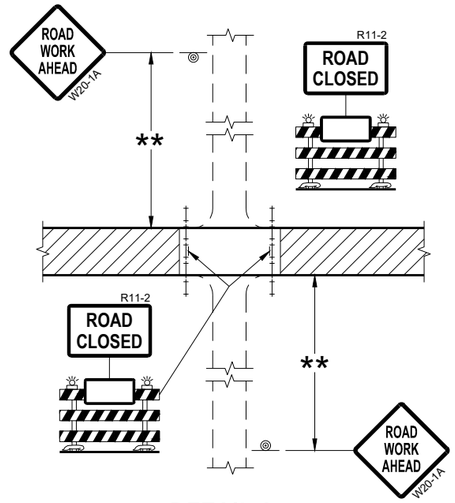
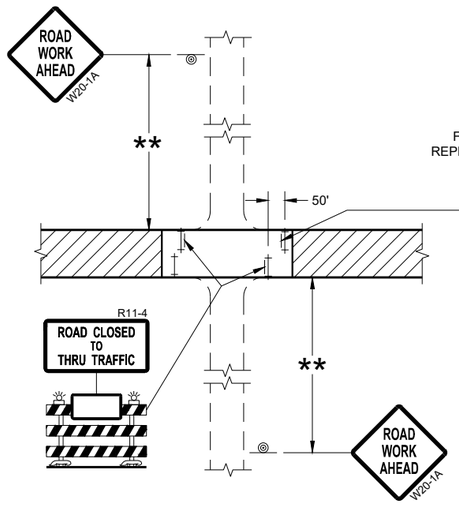
SDD 15C02 - 08b



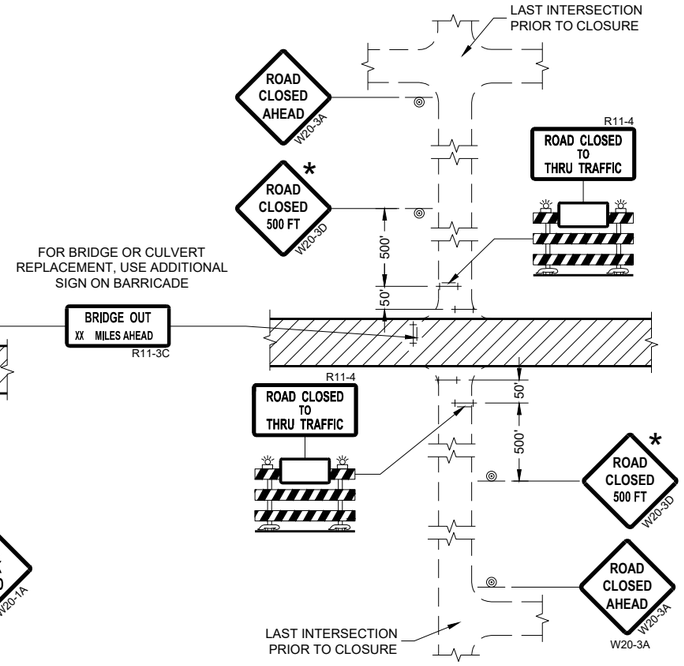
DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)



DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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SDD 15C03 - 05

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SDD 15C03 - 05

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

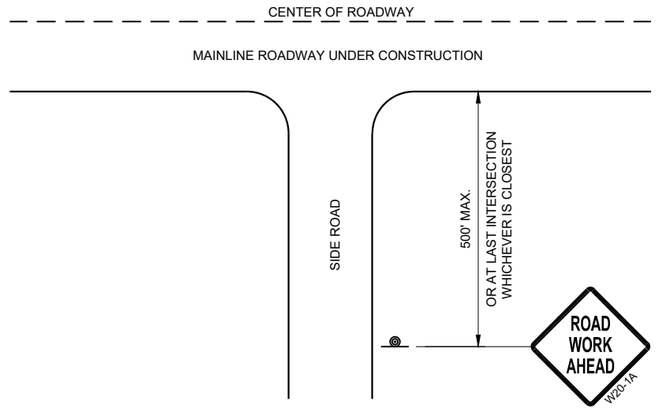
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



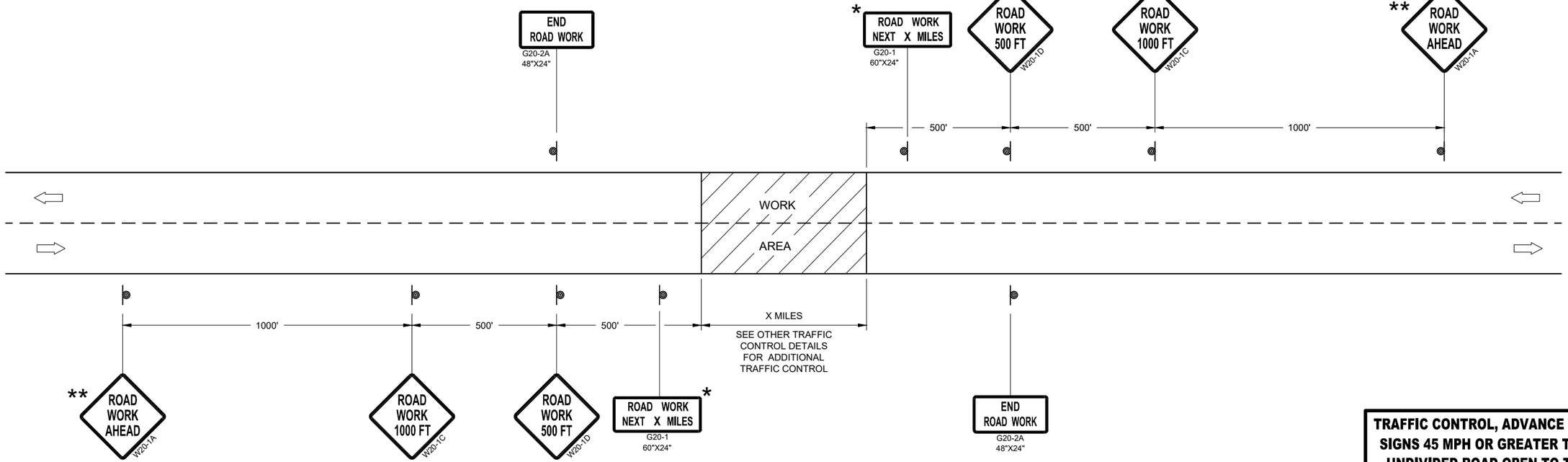
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

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SDD 15C04 - 05

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

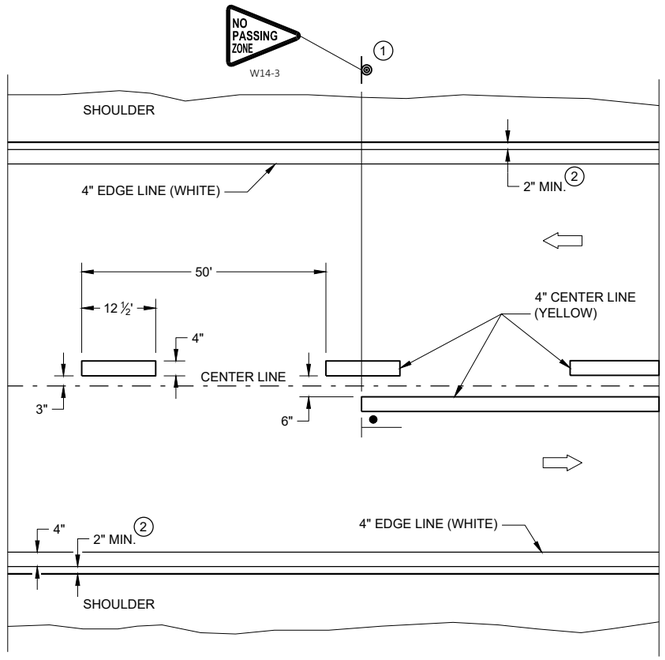
(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

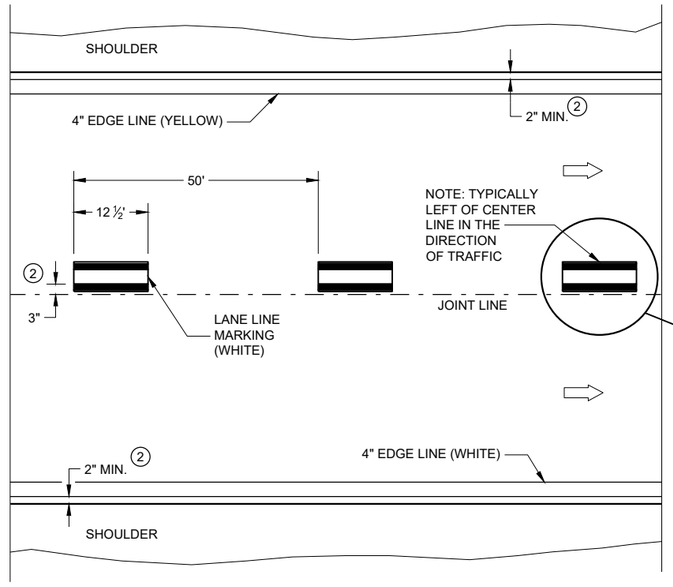
"T" MARKING

SIGN ON PERMANENT SUPPORT

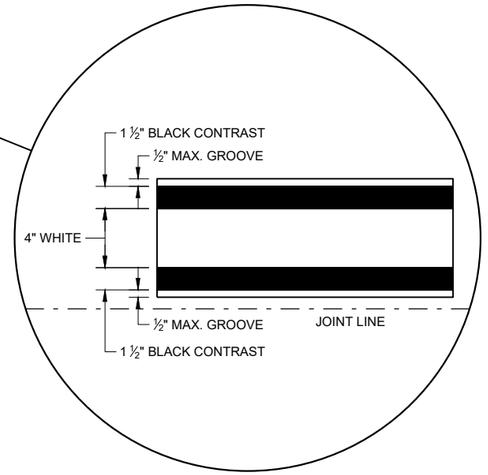
DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC



PERMANENT PAVEMENT MARKING

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Jeannie Silver
STATEWIDE SIGNING AND M
ENGINEER

FHWA

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SDD 15C08 - 22a

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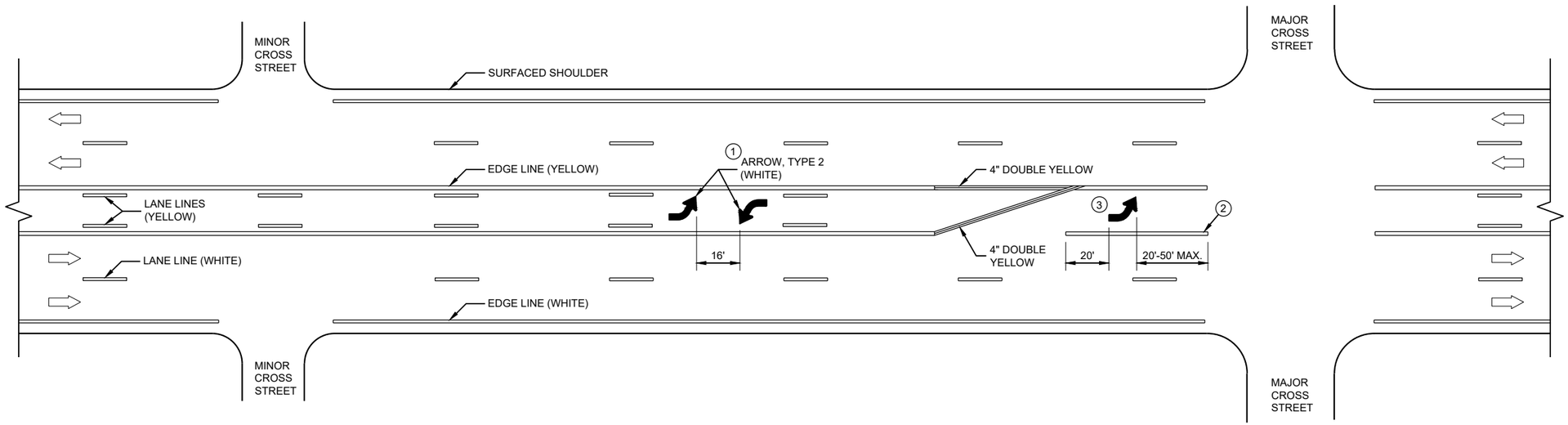
SDD 15C08 - 22a

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 8" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

DIRECTION OF TRAFFIC



TWO WAY LEFT TURN LANE

6

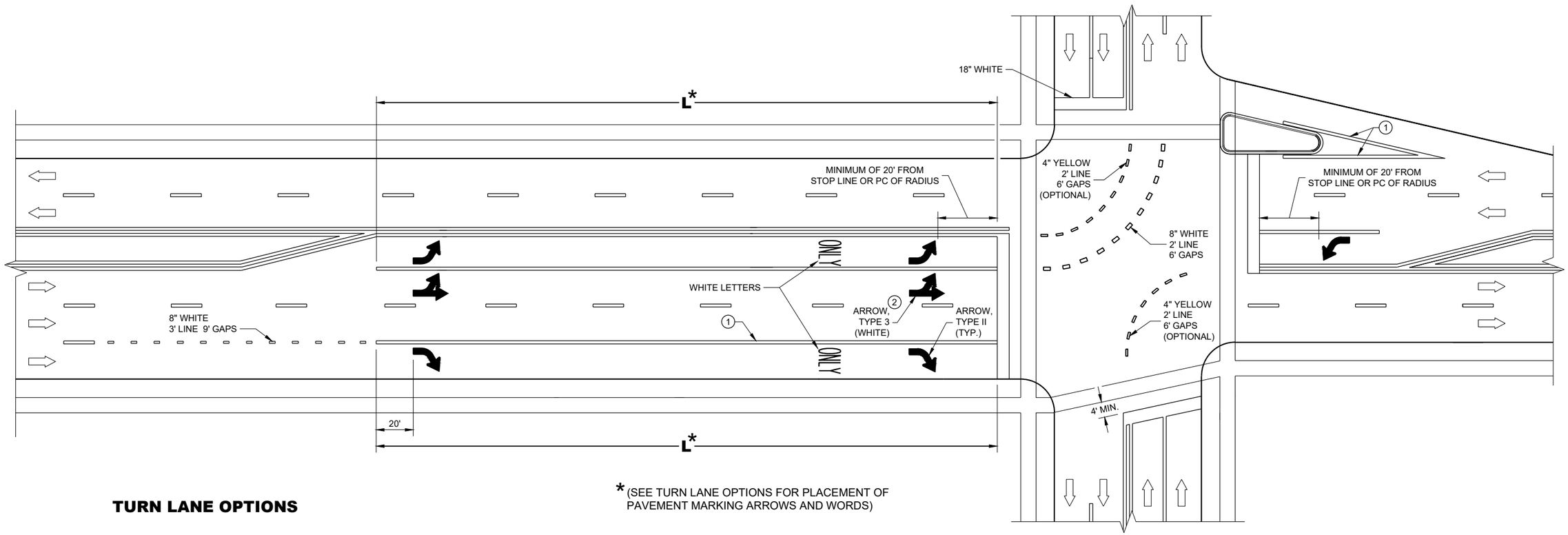
SDD 15C08 - 22c

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

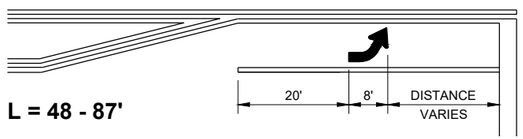
SDD 15C08 - 22c



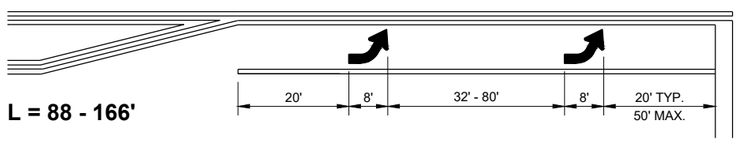
* (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

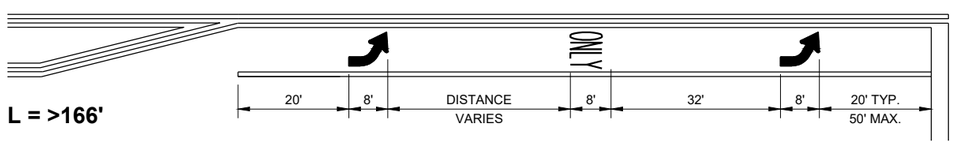
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

1. 8" WHITE
2. QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

DIRECTION OF TRAFFIC

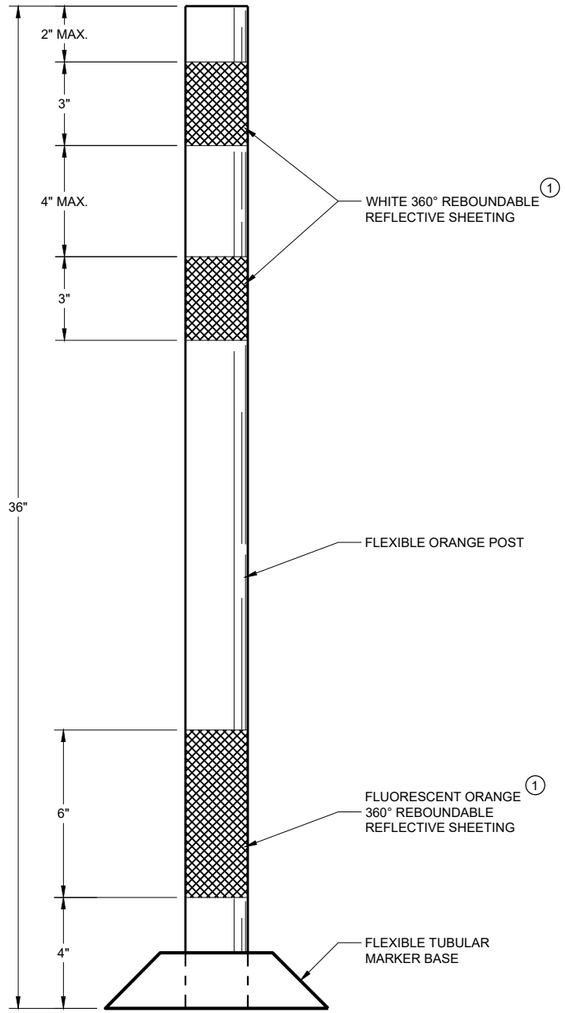
L = LENGTH OF TURN BAY

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15C08 - 22d



FLEXIBLE TUBULAR MARKER POST WORK ZONE

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, UNLESS DIRECTED BY THE ENGINEER TO USE BOLTS.

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

6

SDD 15C11 - 10a

CHANNELIZING DEVICES
FLEXIBLE TUBULAR MARKER POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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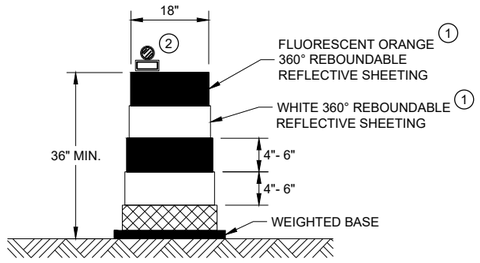
SDD 15C11 - 10a

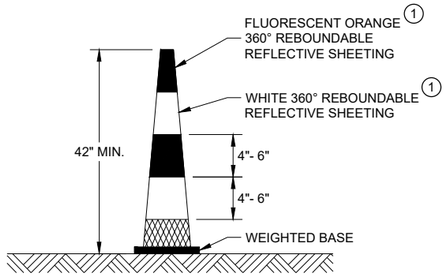
GENERAL NOTES

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

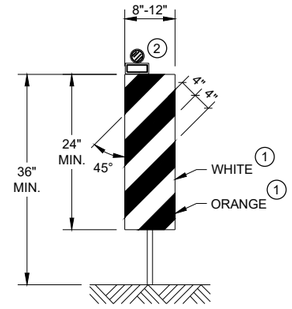
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

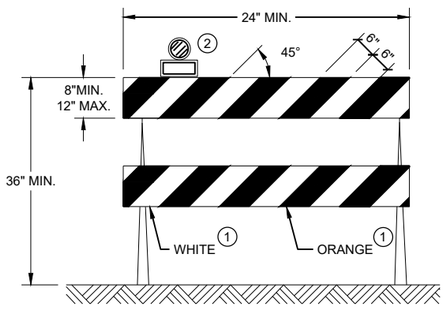
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



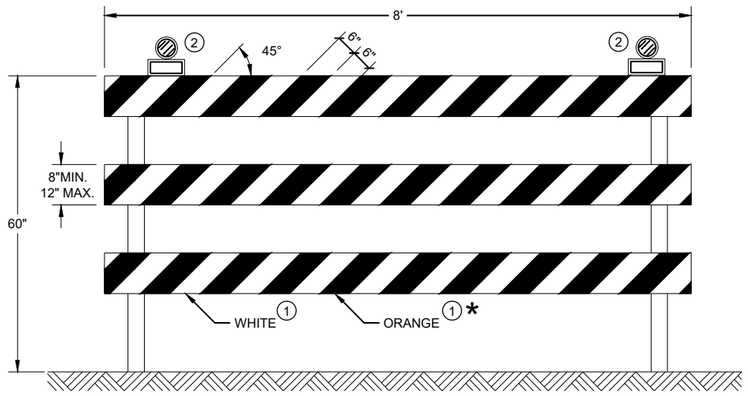
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

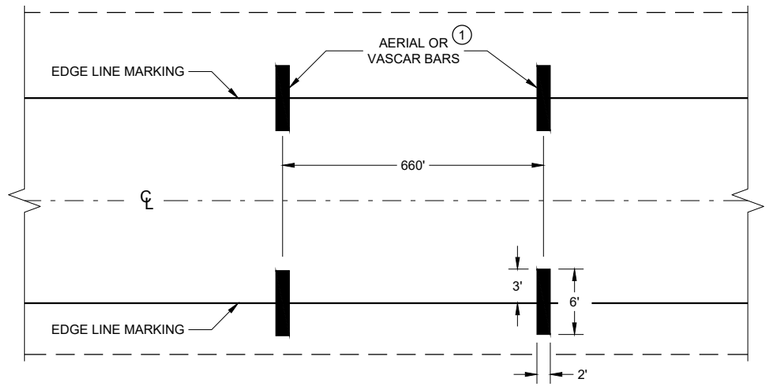
6

SDD 15C11 - 10b

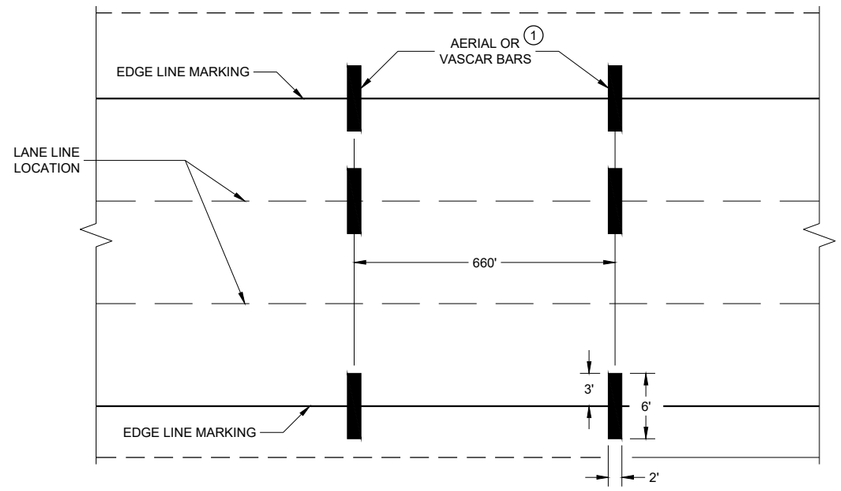
GENERAL NOTES

(1) PLACE TWO TO FIVE AERIAL OR VASCAR BARS AT 660 FOOT SPACING.

A CAR CAN BE PROVIDED BY THE WISCONSIN STATE PATROL FOR TRAFFIC CONTROL.



TYPICAL FOR TWO WAY OR ONE WAY TRAFFIC



TYPICAL FOR MULTILANE TRAFFIC

SPEED ENFORCEMENT ZONE WITH AERIAL OR VASCAR BARS

AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

February 2021
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAR ENGINEER

FHWA

6

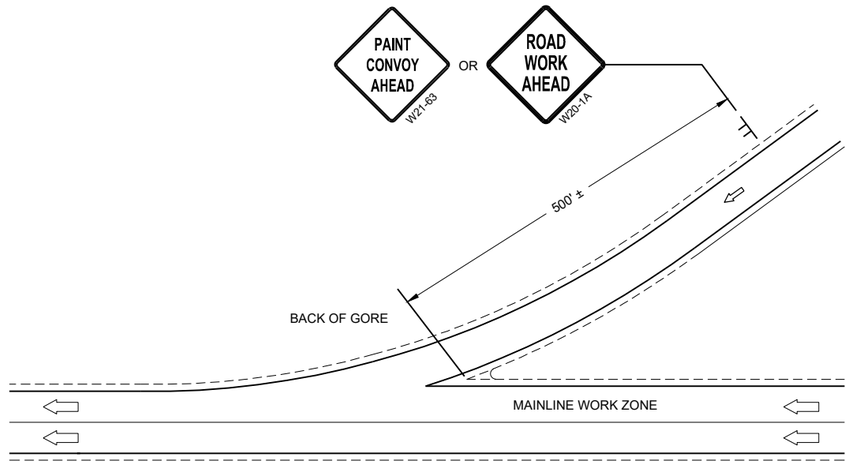
SDD 15C14 - 04

6

SDD 15C14 - 04

LEGEND

- V1 MARKING VEHICLE
- V2 SHADOW VEHICLE
- V3 TRAIL VEHICLE
- TRUCK MOUNTED ATTENUATOR (TMA)
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- FLASHING ARROW PANEL (MERGE)
- FLASHING ARROW PANEL (CAUTION)



GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

IF THE SHOULDER IS TOO NARROW TO ACCOMMODATE THE LAST TRAILING VEHICLE, THE VEHICLE SHOULD STRADDLE THE EDGE LINE.

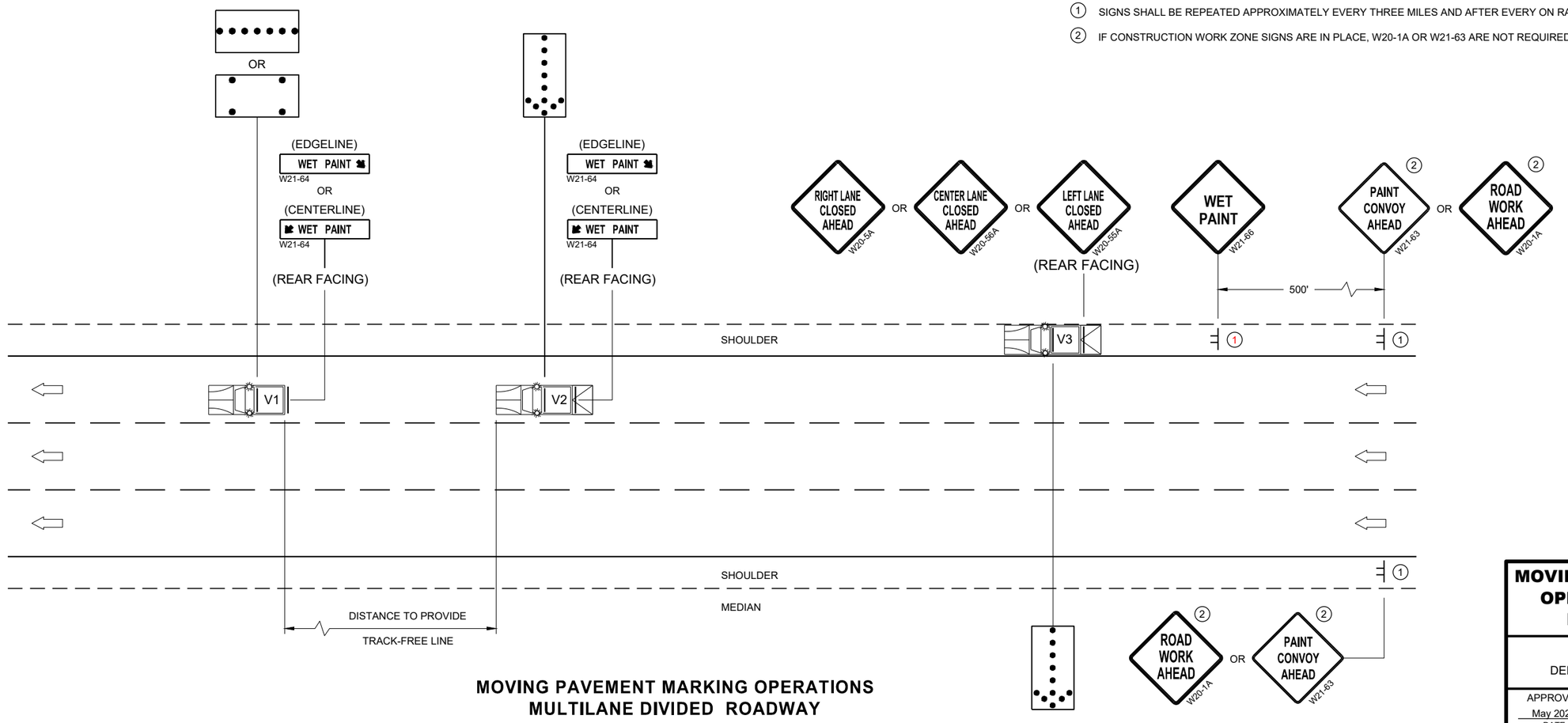
WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC

CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM HEIGHT OF 28" FOR WET PAVEMENT MARKINGS

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY ON RAMP.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



MOVING PAVEMENT MARKING OPERATIONS
MULTILANE DIVIDED ROADWAY

MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD15C19 - 07c

6

SDD15C19 - 07c

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DELINEATOR, FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- PORTABLE CRASH CUSHION
- CONCRETE BARRIER TEMPORARY PRECAST
- REMOVE PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

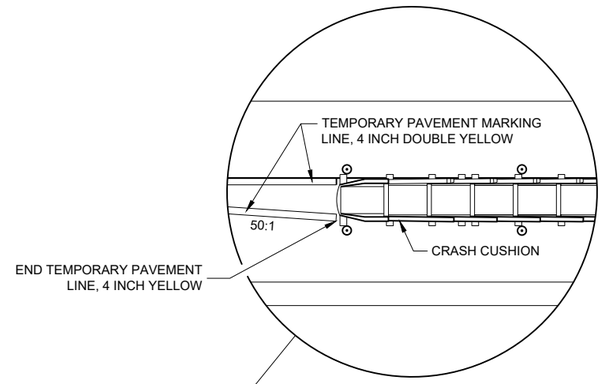
"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

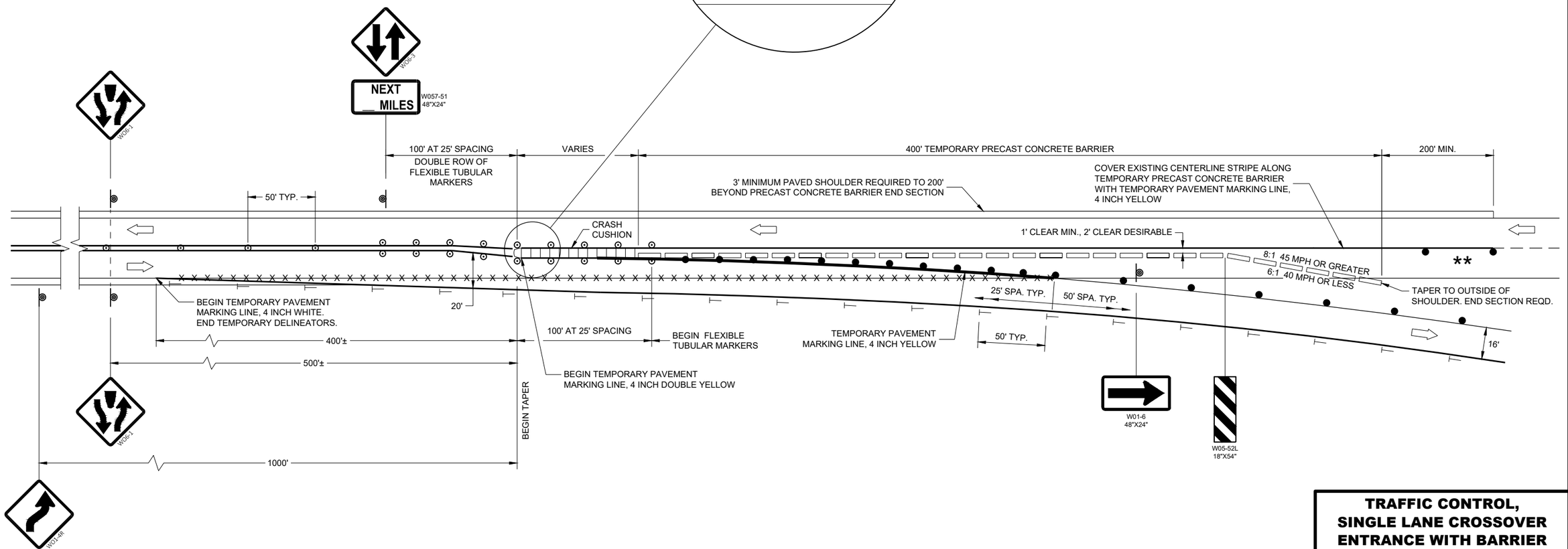
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

** SEE SDD 15D12 FOR LANE CLOSURE DETAILS.





TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

SDD 15D05 - 05

SDD 15D05 - 05

LEGEND

SIGN ON PERMANENT SUPPORT

DELINEATOR, FLEXIBLE/TUBULAR MARKER

DIRECTION OF TRAFFIC

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

A SINGLE ROW OF FLEXIBLE TUBULAR MARKERS ON CENTERLINE EXTEND FOR THE ENTIRE LENGTH OF TWO-WAY TRAFFIC AT 50 FOOT SPACING.

COVER EXISTING CENTERLINE STRIPE WITH TEMPORARY PAVEMENT MARKING LINE, 4 INCH DOUBLE YELLOW.



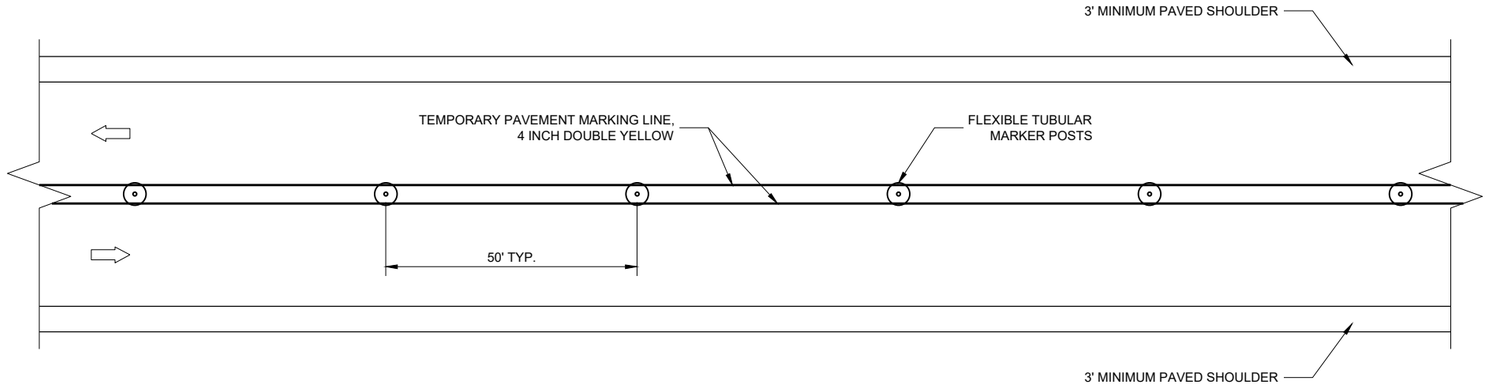
(1)



(2)

(1) THE WO6-3 AND WO57-51 SHALL BE LOCATED 200 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP AND / OR 500 FEET BEYOND ANY SIDE ROAD. THE R4-1 SHALL BE LOCATED 1000 FEET BEYOND THE WO6-3 AND THE WO57-51 AND THE SIGNS SHALL BE ALTERNATED WITH ONE MILE INTERVALS BETWEEN THE SIGNS.

(2) CONVENTIONAL: 24" X 30"
FREEWAY AND EXPRESSWAY: 36" X 48"



TWO LANE, TWO WAY OPERATION

TRAFFIC CONTROL
TWO LANE TWO WAY OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

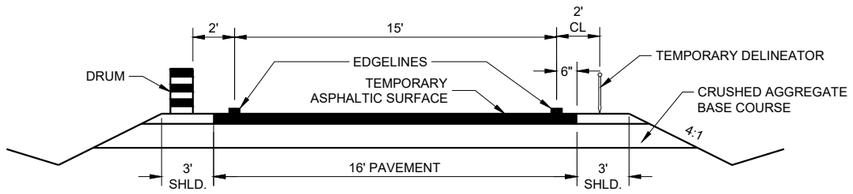
SDD 15D06 - 05

6

SDD 15D06 - 05

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR - WHITE (STEEL POST WITH SINGLE DELINEATOR)
- TYPE "A" WARNING LIGHT (FLASHING)
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAGS, 16" X 16" MIN., ORANGE
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKINGS
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT



TYPICAL RAMP CROSSOVER ROADWAY DIMENSIONS

** ADJUST RAMP SPEED AS NEEDED IN THE FIELD. DISTANCE TO SIGN LOCATION SHALL ALSO BE PLACED ACCORDING TO TABLE.

** TABLE FOR ADVANCE WARNING SIGN DISTANCE (FT)

POSTED SPEED LIMIT (MPH)	DESIRED EXIT RAMP SPEED (MPH)					
	10	20	30	40	50	60
45	350	300	250			
50	425	400	325	225		
55	500	475	400	300		
60	575	550	500	400	300	
65	650	625	575	500	375	100
70	650	625	575	500	375	375

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

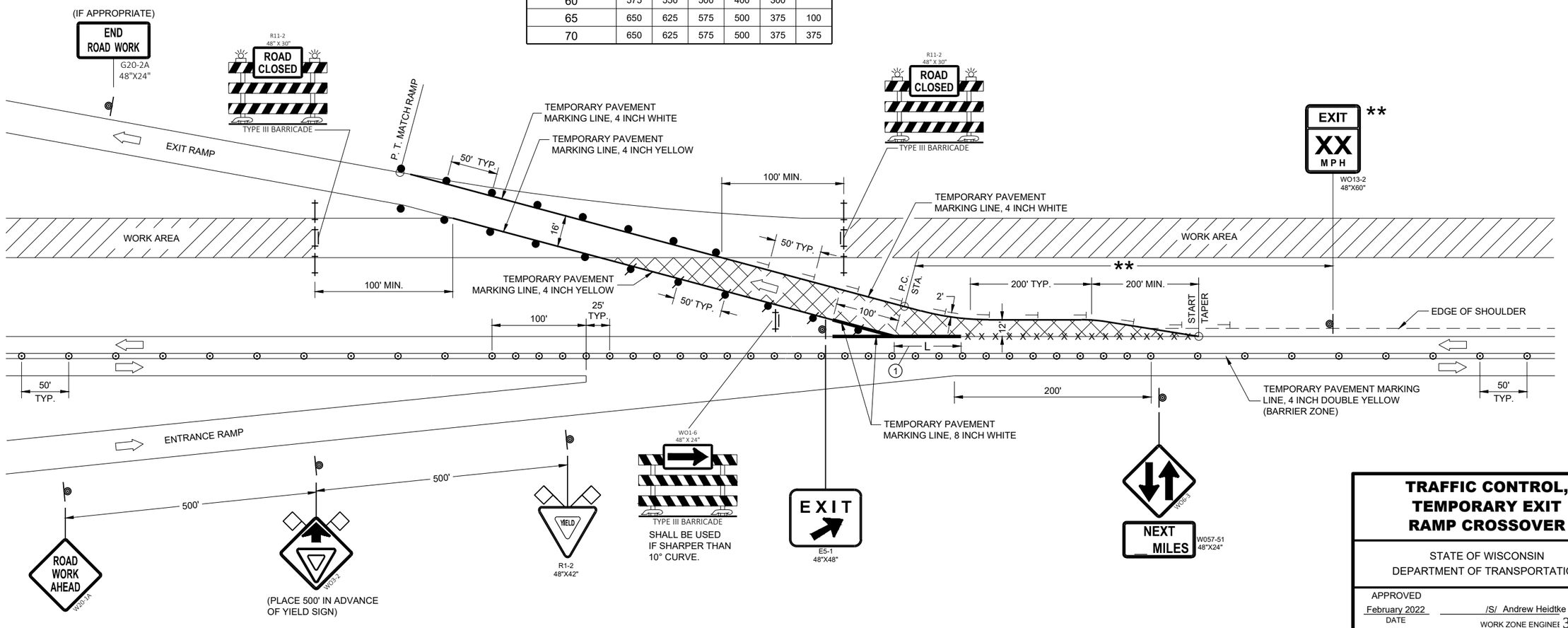
THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

WORK ALONG EDGES OF RAMP SHALL MAINTAIN A 10 FOOT AREA CLEAR OF PHYSICAL OBSTRUCTIONS SUCH AS DROP OFFS FROM PAVEMENT REMOVAL OR BROKEN CONCRETE CHUNKS DURING PAVEMENT REMOVAL. THESE AREAS SHALL BE LEVELED WITH TEMPORARY FILL TO PROTECT THE TRAVELING PUBLIC WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE CROSSOVER.

TRAFFIC CONTROL FOR RAMP CROSSOVERS ARE TYPICAL FOR ALL CONSTRUCTION PHASES.

(1) LENGTH "L" SHALL BE REQUIRED WHEN TANGENT LENGTH OF EXIT RAMP PARALLEL TO MAINLINE EXCEEDS 300 FEET. LENGTH SHALL BE EQUAL TO THE EXIT RAMP TANGENT LENGTH MINUS 300 FEET OR AS APPROVED BY THE ENGINEER AND SHALL CHANGE TO ACCOMMODATE PAVING GAPS.



TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

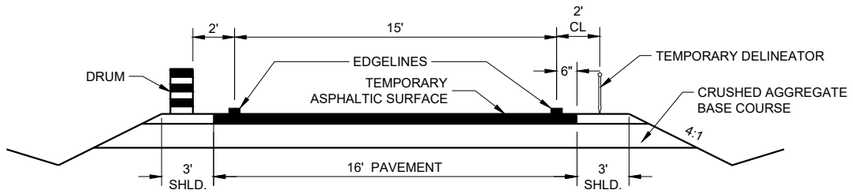
FHWA

SDD 15D07 - 05

SDD 15D07 - 05

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR - WHITE (STEEL POST WITH SINGLE DELINEATOR)
- TYPE "A" WARNING LIGHT (FLASHING)
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAGS, 16" X 16" MIN., ORANGE
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKINGS
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT



TYPICAL RAMP CROSSOVER ROADWAY DIMENSIONS

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

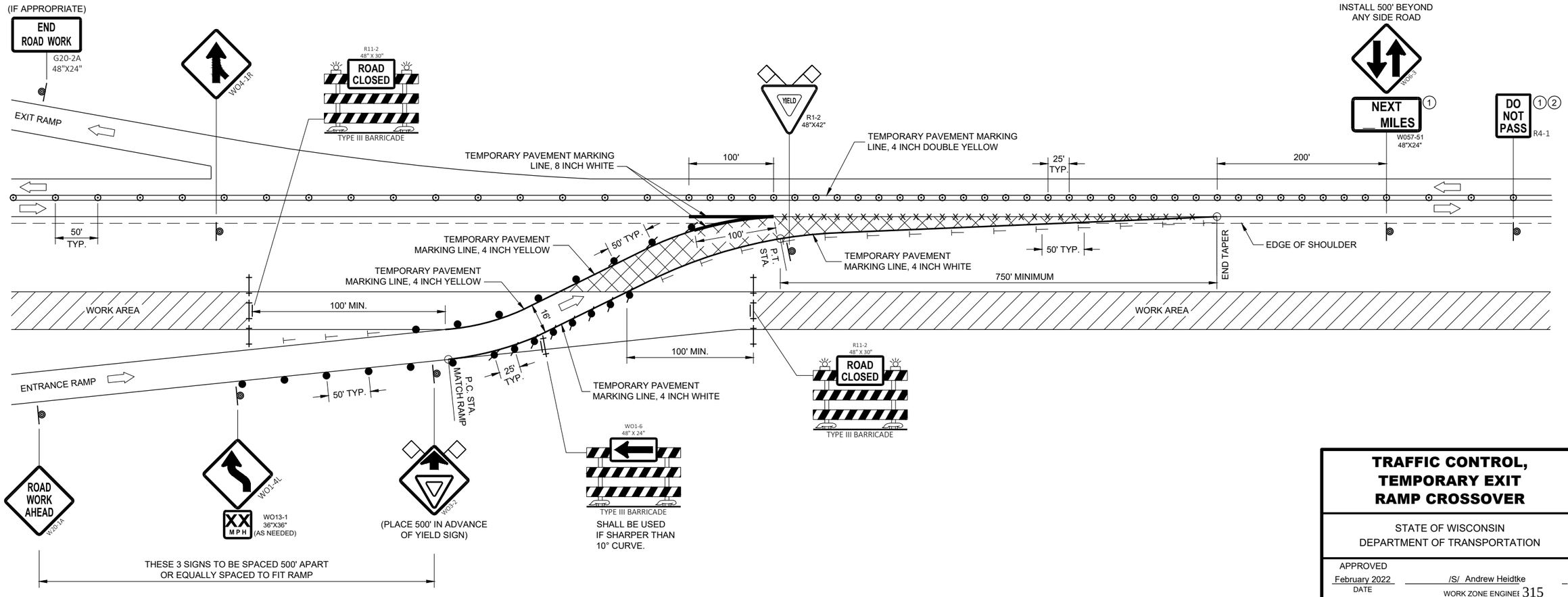
THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

WORK ALONG EDGES OF RAMP SHALL MAINTAIN A 10 FOOT AREA CLEAR OF PHYSICAL OBSTRUCTIONS SUCH AS DROP OFFS FROM PAVEMENT REMOVAL OR BROKEN CONCRETE CHUNKS DURING PAVEMENT REMOVAL. THESE AREAS SHALL BE LEVELED WITH TEMPORARY FILL TO PROTECT THE TRAVELING PUBLIC WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE CROSSOVER.

TRAFFIC CONTROL FOR RAMP CROSSOVERS ARE TYPICAL FOR ALL CONSTRUCTION PHASES.

(1) INSTALL THE WO6-3 SIGN WITH THE R4-1 SIGN 1000 FEET BEYOND THE WO6-3 SIGN WITH THE WO57-51 AND ALTERNATE THE SEQUENCE OF THESE SIGNS EVERY 1 MILE.

(2) CONVENTIONAL: 24" X 30"
FREEWAY AND EXPRESSWAY: 36" X 48"



TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

SDD 15D08 - 08

SDD 15D08 - 08

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE RESPECTIVE EDGE LINE MARKING
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKINGS



(1)

INSTALL THE R4-1 SIGN 1000 FEET BEYOND THE WO6-3 SIGN WITH THE WO57-51 AND ALTERNATE THE SEQUENCE OF THESE SIGNS EVERY 1 MILE.

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

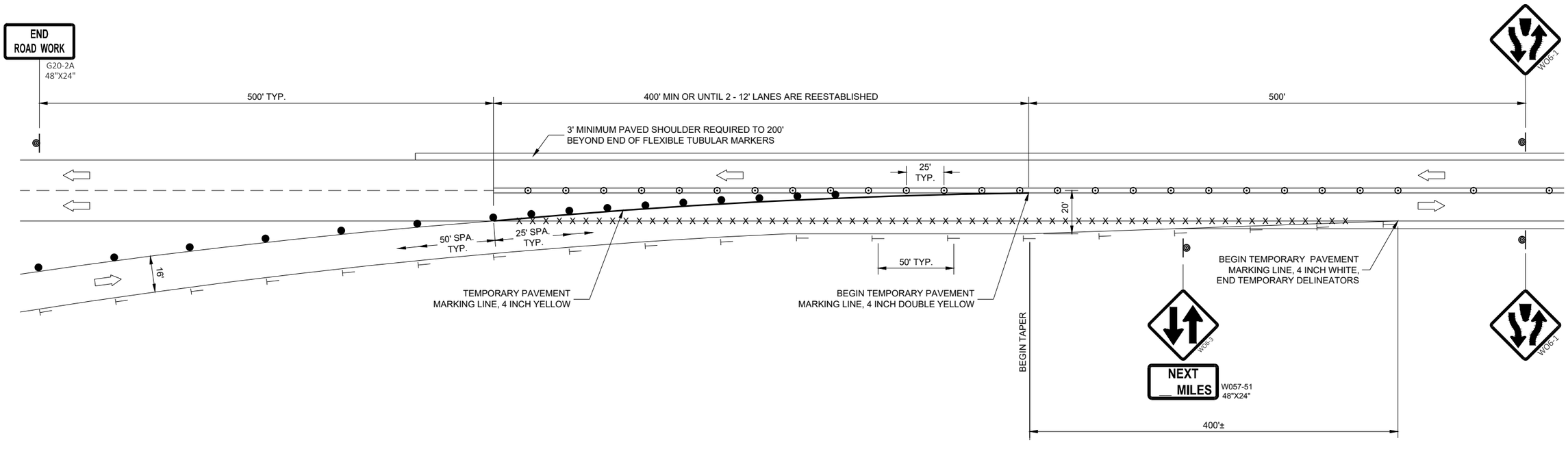
"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

(1) CONVENTIONAL: 24" X 30"
FREEWAY AND EXPRESSWAY: 36" X 48"



TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

SDD 15D09 - 06

SDD 15D09 - 06

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE RESPECTIVE EDGE LINE MARKING
- PORTABLE CRASH CUSHION
- CONCRETE BARRIER TEMPORARY PRECAST
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKINGS

GENERAL NOTES

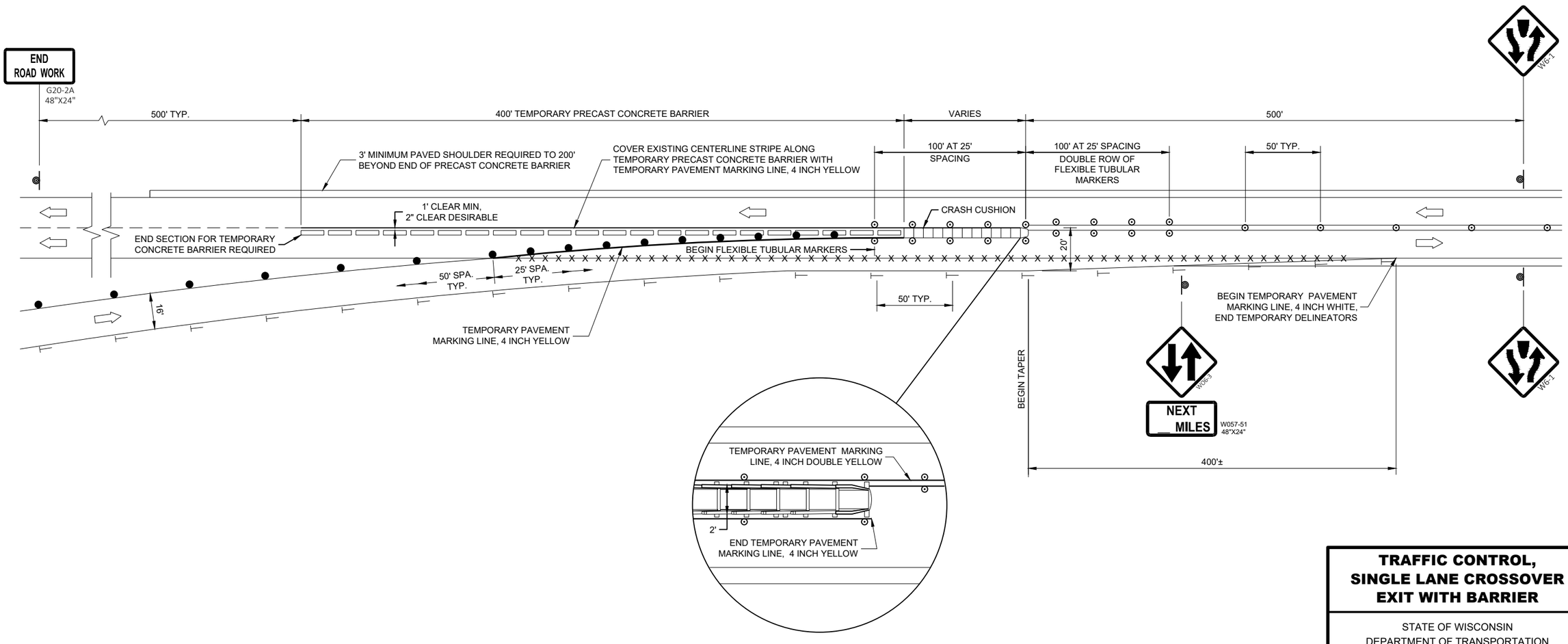
ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.



TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

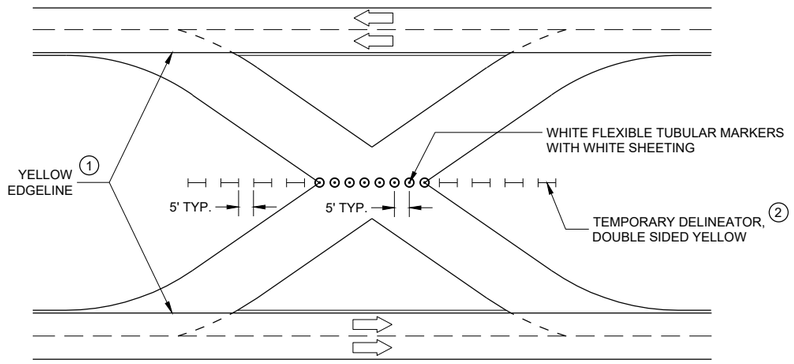
FHWA

SDD 15D10 - 05

SDD 15D10 - 05

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- TEMPORARY DELINEATOR (DOUBLE SIDED)
- TYPE "A" WARNING LIGHT (FLASHING)
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKINGS
- WORK AREA



TRAFFIC CONTROL FOR CROSSOVER THAT IS NOT IN USE

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

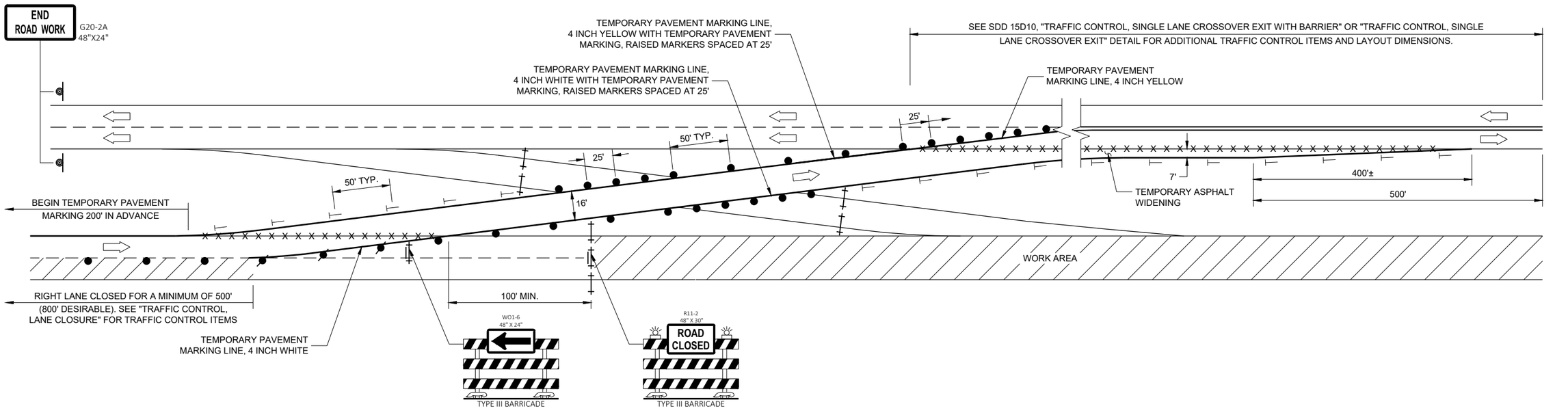
THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

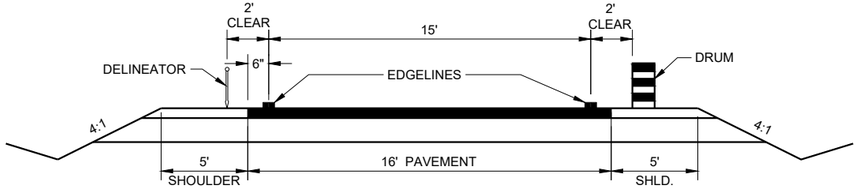
THE SPACING BETWEEN PROPOSED SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

REVERSE DEVICES WHEN OTHER LEG OF CROSSOVER IS IN USE.

(1) FOR PERMANENT CROSSOVER, PAVEMENT MARKING SHOULD CONFORM TO SECTION 646 OF THE STANDARD SPECIFICATIONS.

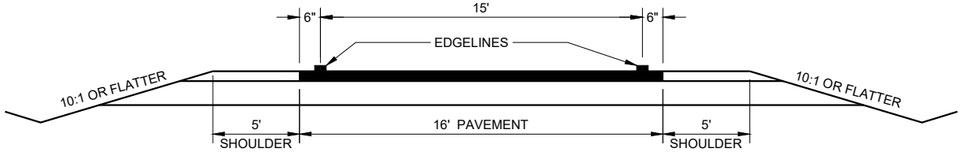
(2) FOR PERMANENT CROSSOVER, INSTALL PERMANENT DELINEATORS ACCORDING TO SECTION 633 OF THE STANDARD SPECIFICATIONS.





TYPICAL TEMPORARY CROSSOVER ROADWAY DIMENSIONS

(SEE PLAN FOR ROADWAY DESIGN ELEMENTS)



TYPICAL CROSSOVER TO REMAIN IN PLACE ROADWAY DIMENSIONS

(SEE PLAN FOR ROADWAY DESIGN ELEMENTS)

TRAFFIC CONTROL, SINGLE LANE CROSSOVER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

SDD 15D11 - 08

SDD 15D11 - 08

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

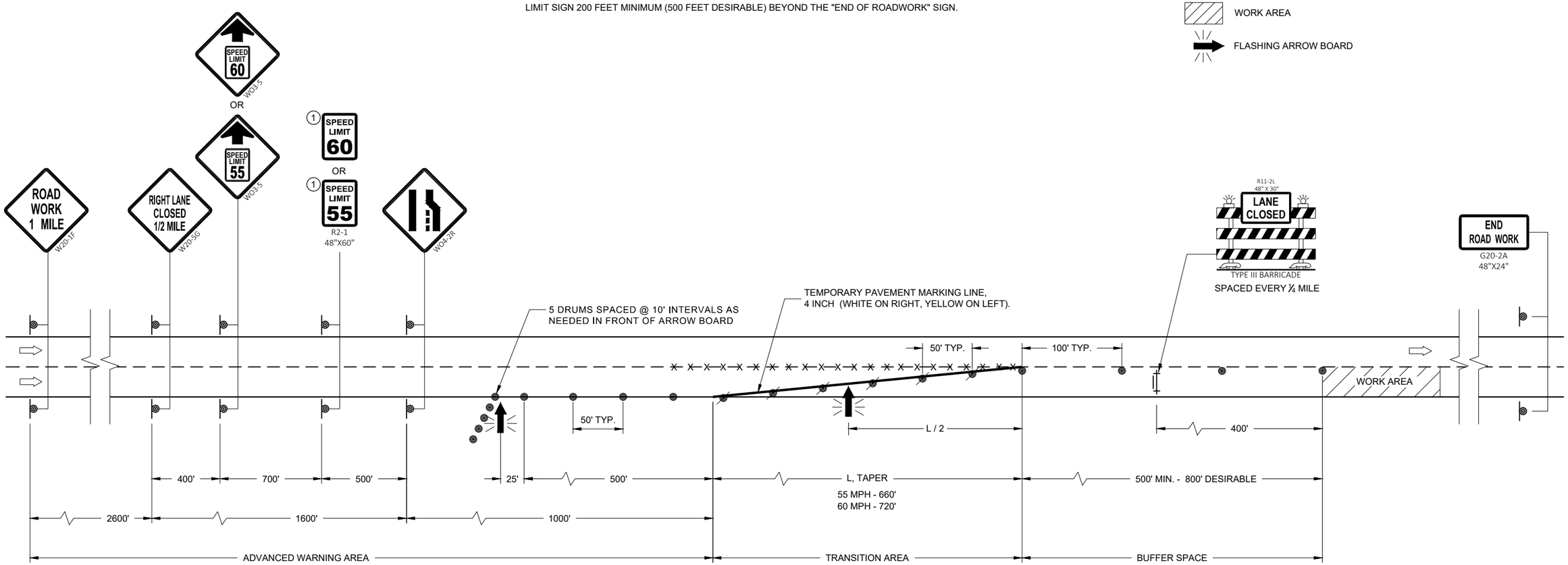
IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

(1) A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. PLACE A SPEED LIMIT SIGN A MINIMUM OF EVERY 3 MILES. INCLUDE A RESUME SPEED LIMIT SIGN 200 FEET MINIMUM (500 FEET DESIRABLE) BEYOND THE "END OF ROADWORK" SIGN.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- FLASHING ARROW BOARD



TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

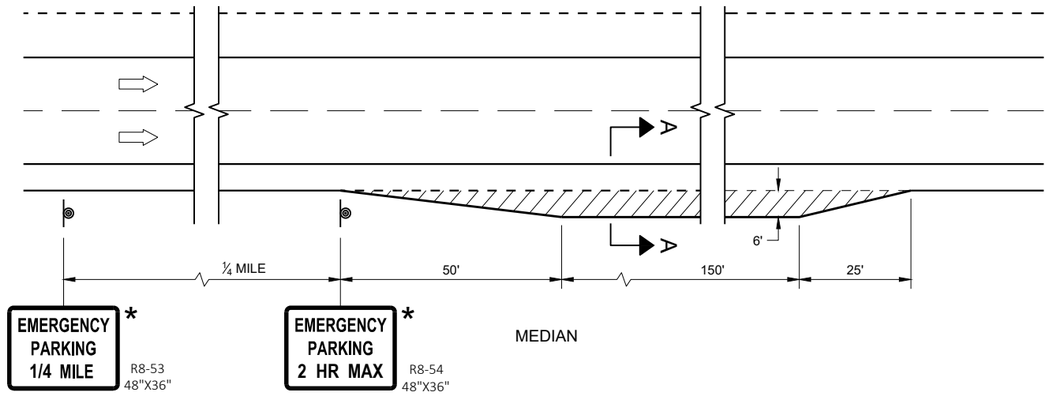
APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

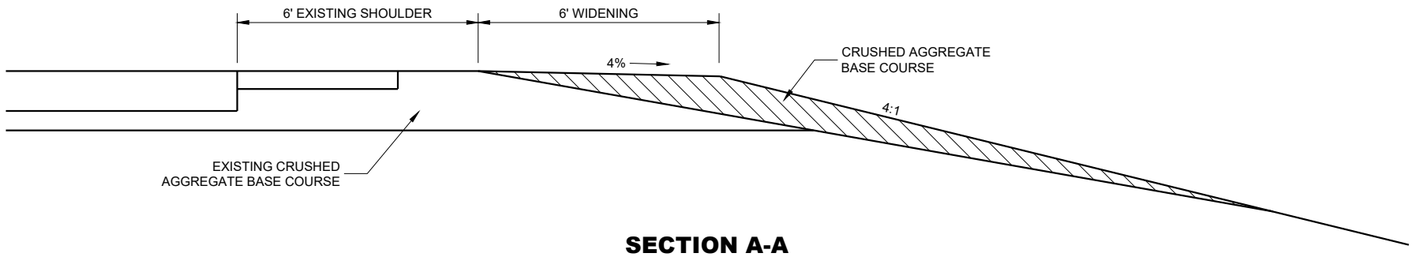
FHWA

SDD 15D12 - 10b

6
SDD 15D12 - 10b



TEMPORARY EMERGENCY PULLOUTS FOR DIVIDED HIGHWAYS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIAL AND WORKMANSHIP NO SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, APPLICABLE SPECIAL PROVISIONS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

TEMPORARY EMERGENCY PULLOUTS AND SIGNS SHALL BE REMOVED AND THE ROADWAY RESTORED TO ITS ORIGINAL CROSS SECTION AND CONDITION PRIOR TO REOPENING THE ROADWAY TO ONE WAY TRAFFIC.

* SIGNS TO BE BLACK LETTERS ON WHITE REFLECTIVE BACKGROUND

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

TEMPORARY EMERGENCY PULLOUTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2013
DATE

/S/ Travis Feltes
STATE TRAFFIC ENGINEER

FHWA

6

SDD 15D13 - 02

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONSECUTIVE DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS /OR DRUMS IN THE GORE BETWEEN THE EXIT RAMP AND MAINLINE TRAFFIC.

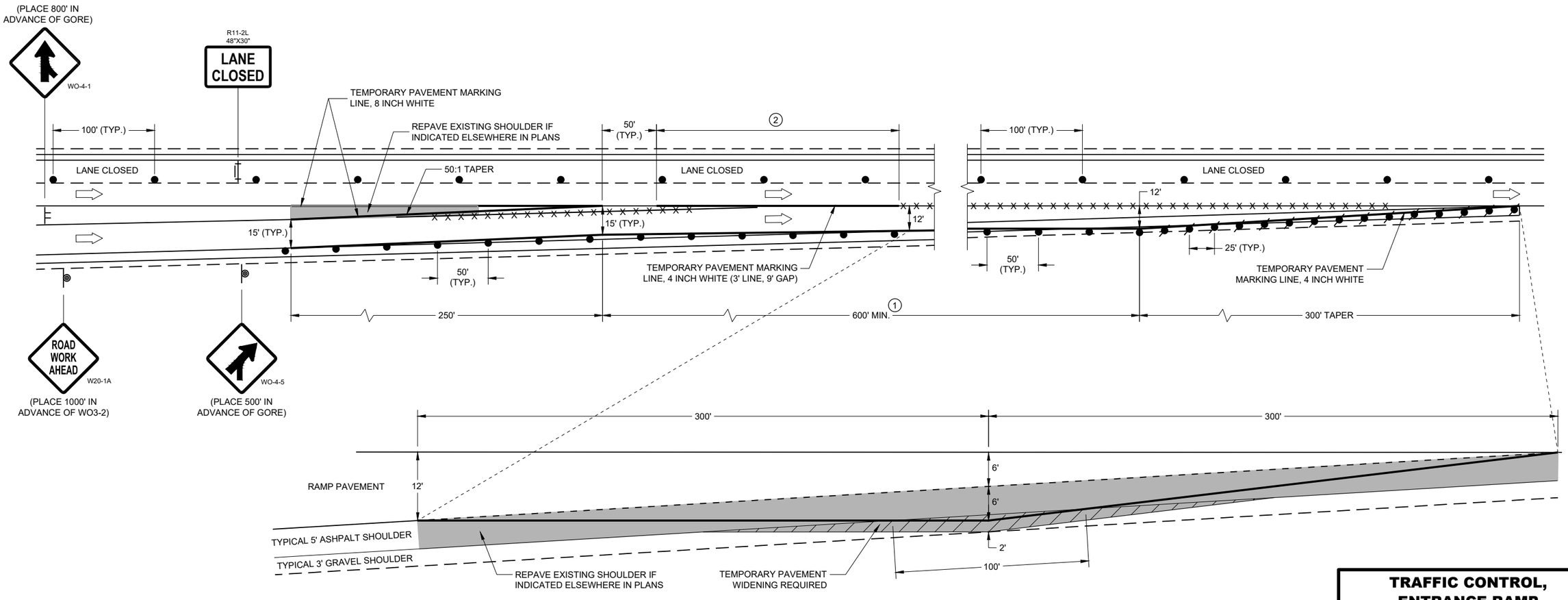
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) EXTEND THE LENGTH OF THE MERGE AREA IF THE ENTERING (DESIGN) SPEED OF THE RAMP IS LESS THAN 50 MPH OR IF THE MAINLINE GRADE EXCEEDS ±2.2%.

(2) END TEMPORARY PAVEMENT MARKING LINE AT ½ THE LENGTH OF FULL WIDTH OF THE ACCELERATION LANE.



TEMPORARY PAVEMENT DETAIL

(EXISTING RAMP DIMENSIONS MAY VARY, ADJUST TEMPORARY PAVEMENT ACCORDINGLY)

TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

SDD 15D15 - 06b

SDD15D15 - 06b

LEGEND

SIGN ON PERMANENT SUPPORT

SIGN ON TEMPORARY SUPPORT

TRAFFIC CONTROL DRUM

TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT

REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)

TYPE III BARRICADE WITH ATTACHED SIGN

FLAGS, 16" X 16" MIN., ORANGE

DIRECTION OF TRAFFIC

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

YIELD SIGN AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE LEFT LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONSECUTIVE DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS. USE SUPPORTS THAT PROVIDE A MINIMUM OF 5 FEET FROM THE BOTTOM OF THE SIGN TO THE PAVEMENT.

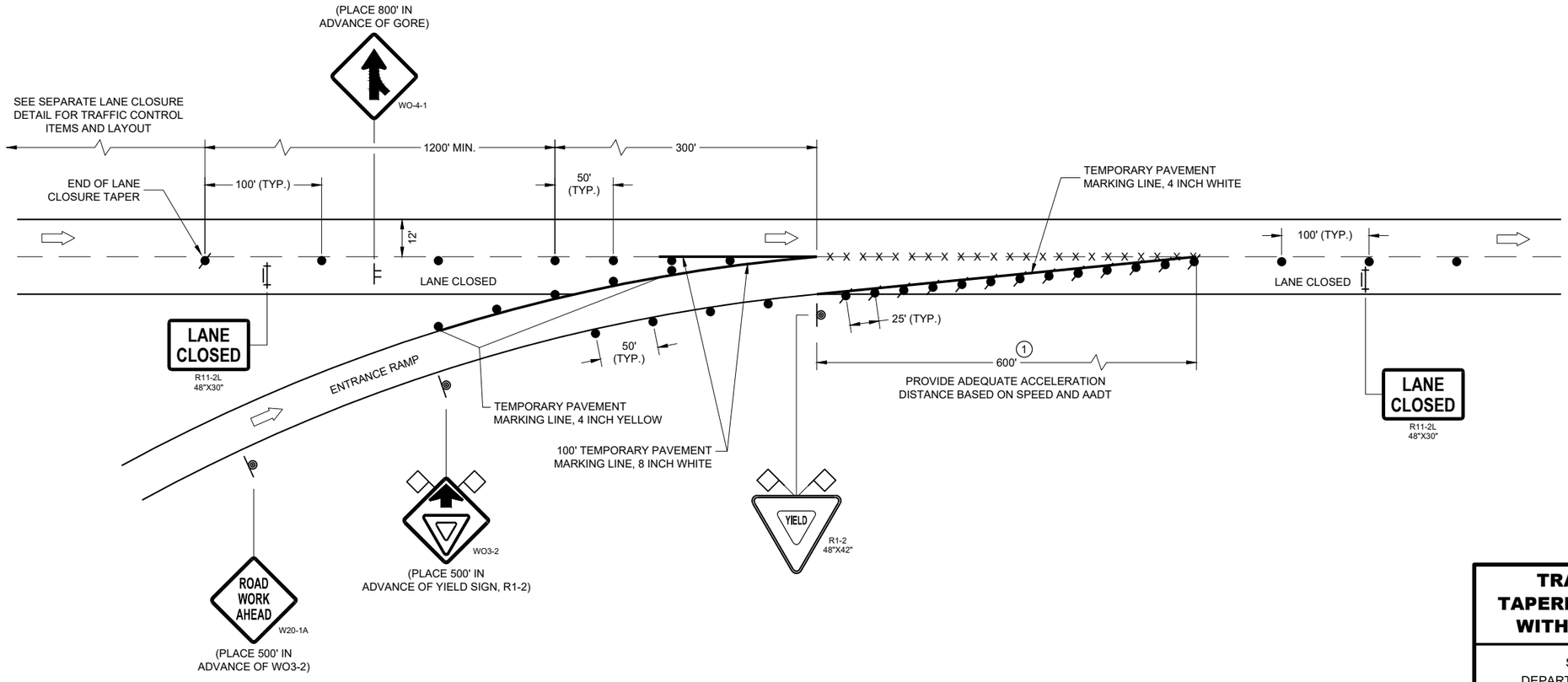
IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) CONSULT WITH REGIONAL WORK ZONE ENGINEER IF NEED TO REDUCE LENGTH EXISTS.



TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15D15 - 06c

6

SDD 15D15 - 06c

LEGEND

SIGN ON PERMANENT SUPPORT

SIGN ON TEMPORARY SUPPORT

TRAFFIC CONTROL DRUM

TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT

TYPE III BARRICADE WITH ATTACHED SIGN

FLAGS, 16" X 16" MIN., ORANGE

DIRECTION OF TRAFFIC

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

YIELD SIGN AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE LEFT LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

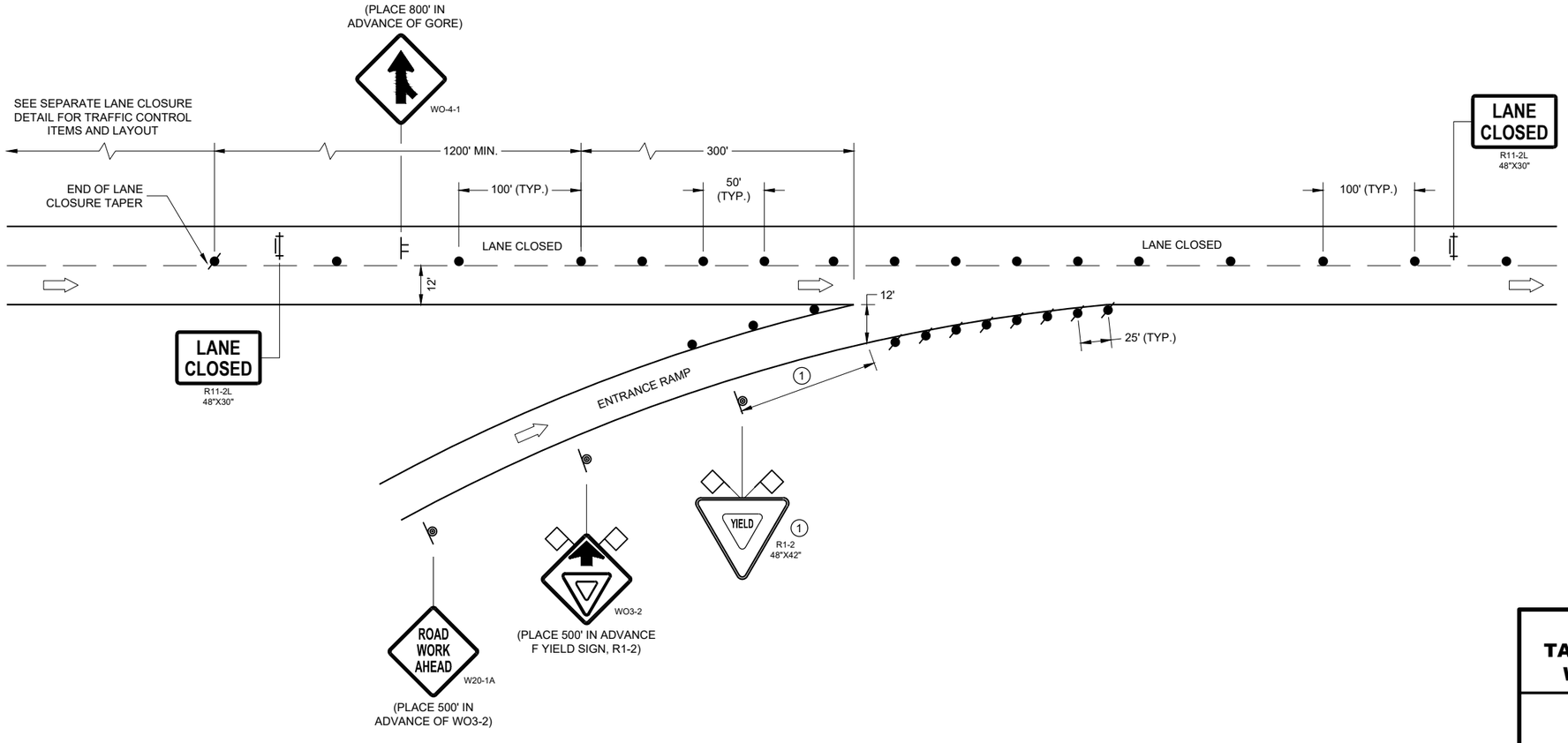
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONSECUTIVE DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS. USE SUPPORTS THAT PROVIDE A MINIMUM OF 5 FEET FROM THE BOTTOM OF THE SIGN TO THE PAVEMENT.

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) PLACE YIELD SIGN TO PROVIDE ADEQUATE SIGHT DISTANCE AND ACCELERATION DISTANCE.



TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE

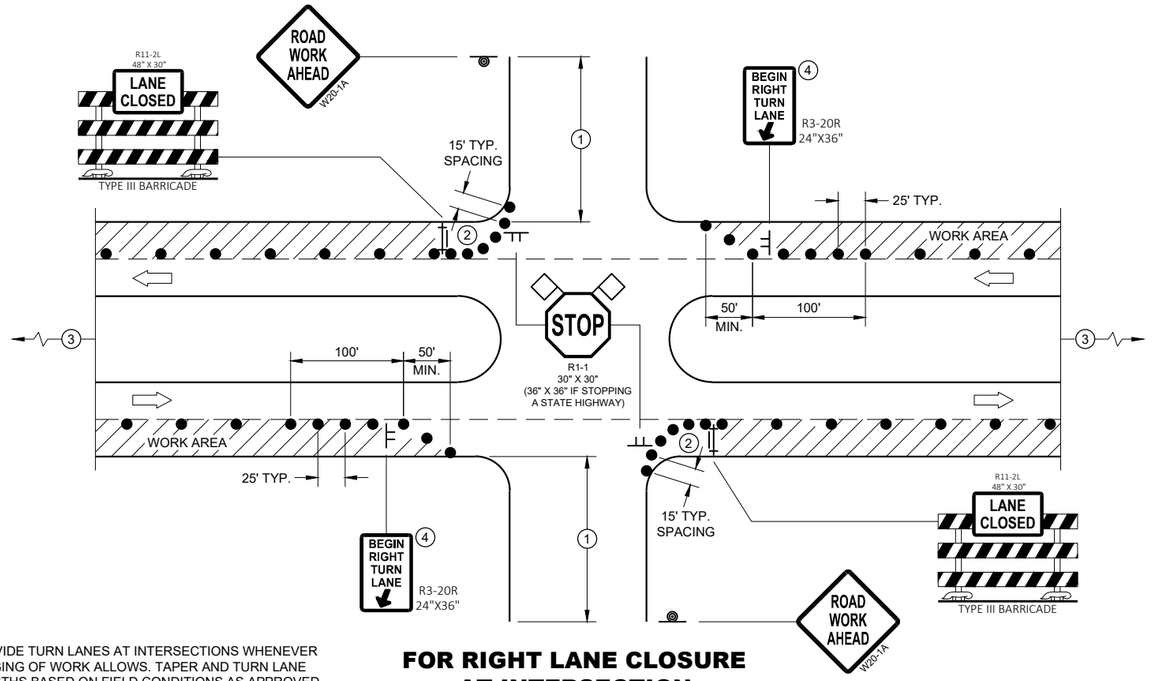
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

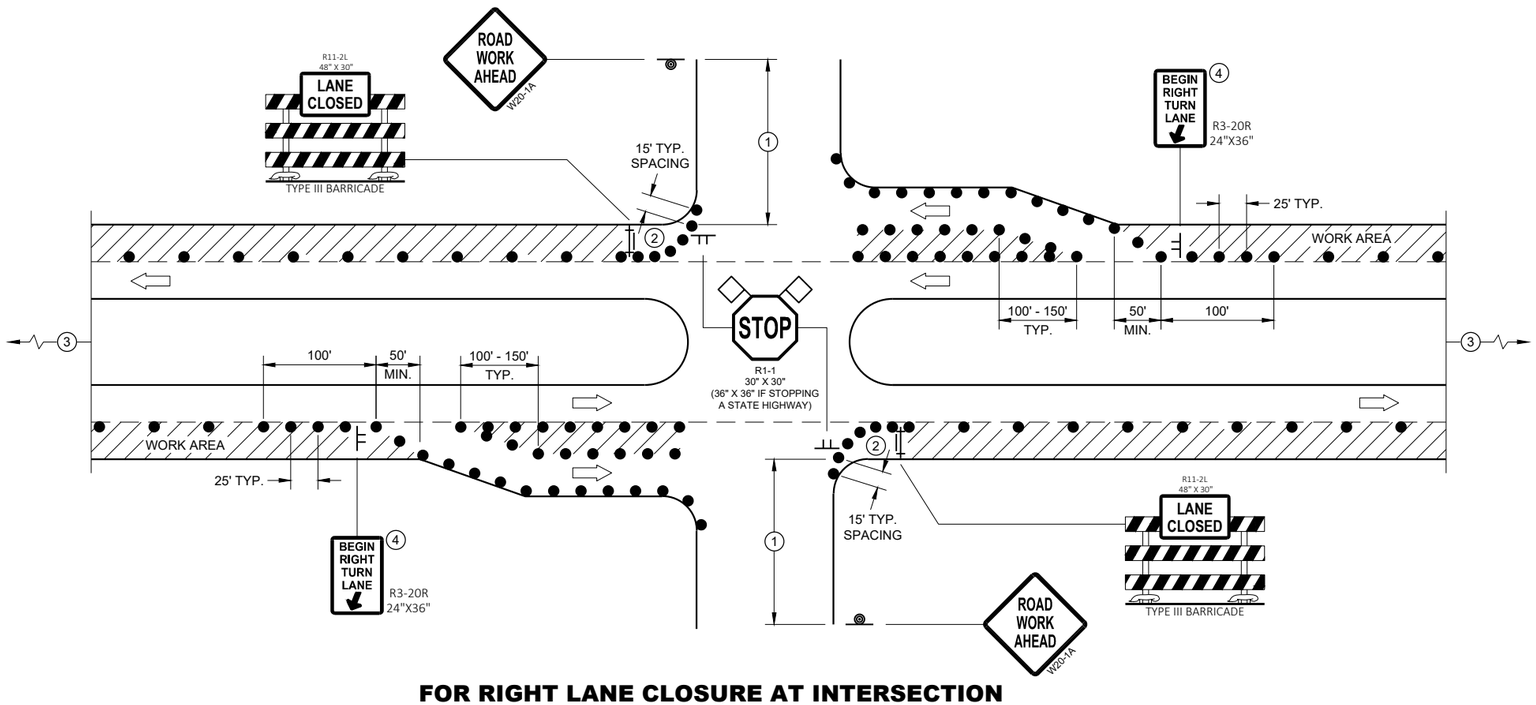
SDD 15D15 - 06d

SDD15D15 - 06d



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR RIGHT LANE CLOSURE AT INTERSECTION



FOR RIGHT LANE CLOSURE AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT LANE CLOSURE

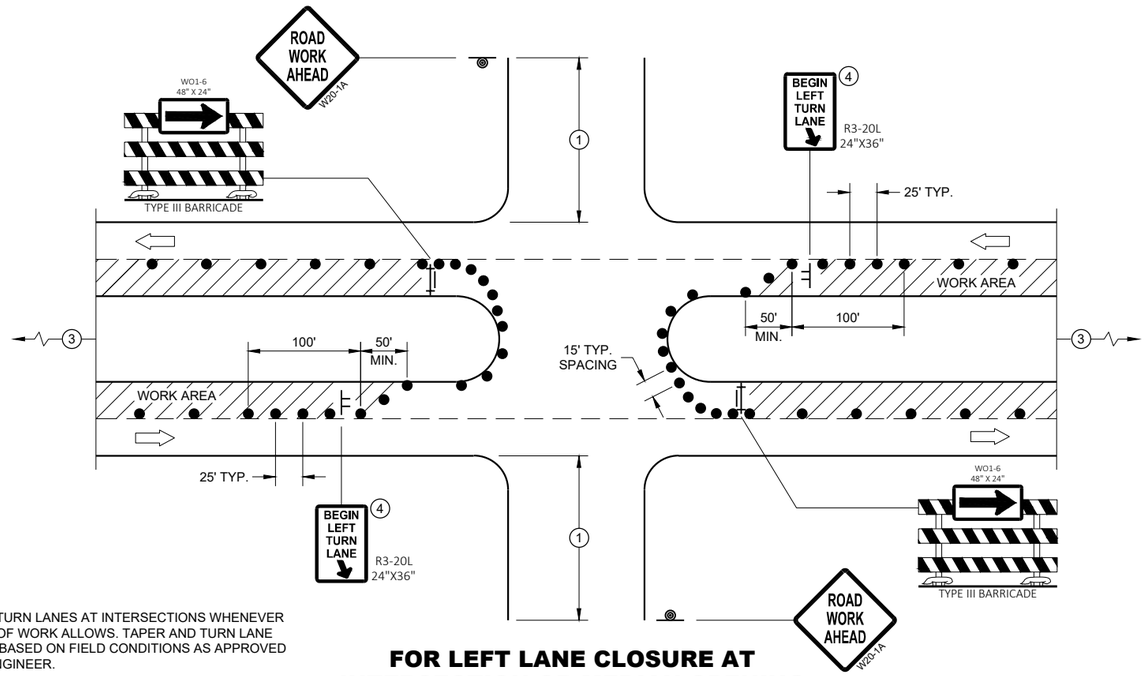
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D21 - 07a

6

SDD 15D21 - 07a



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

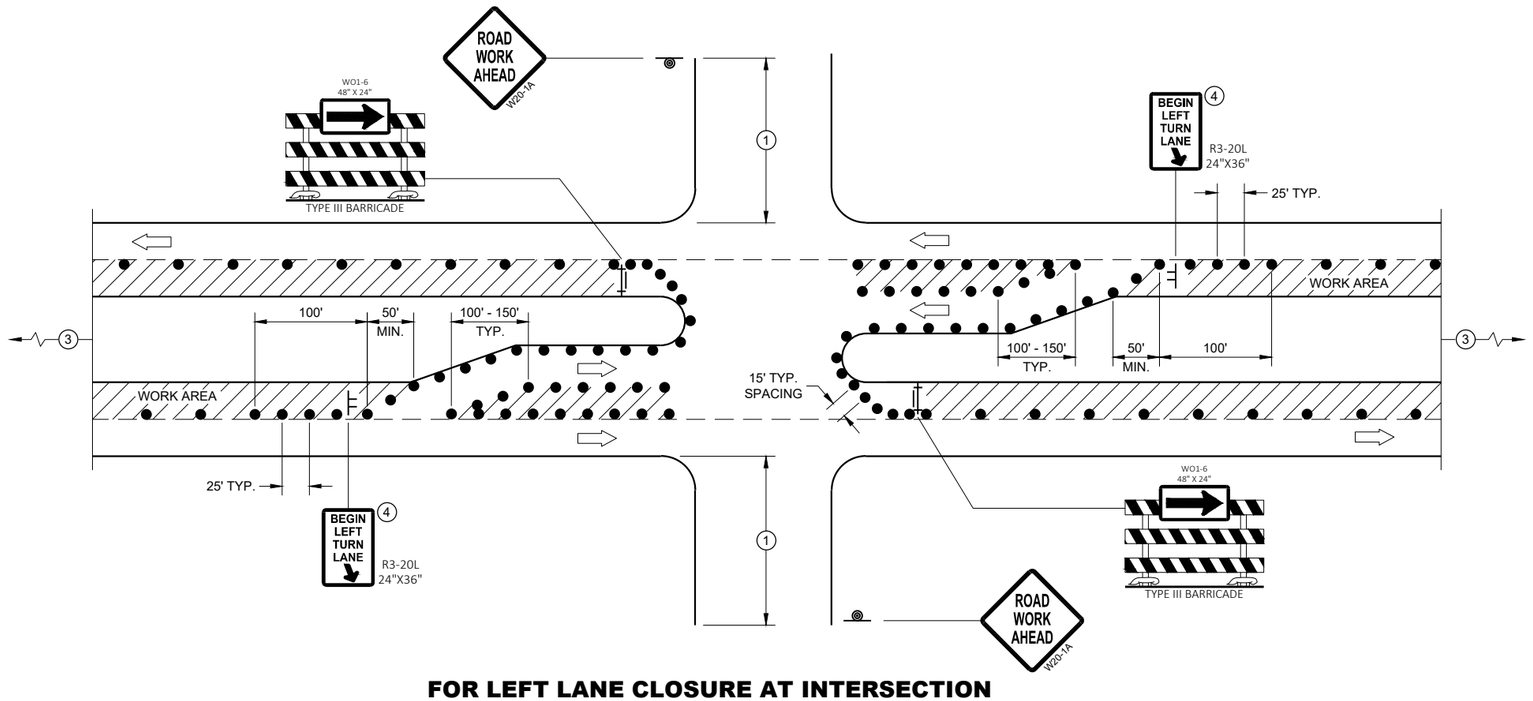
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING (WITH LEFT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LEFT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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SDD 15D21 - 07b

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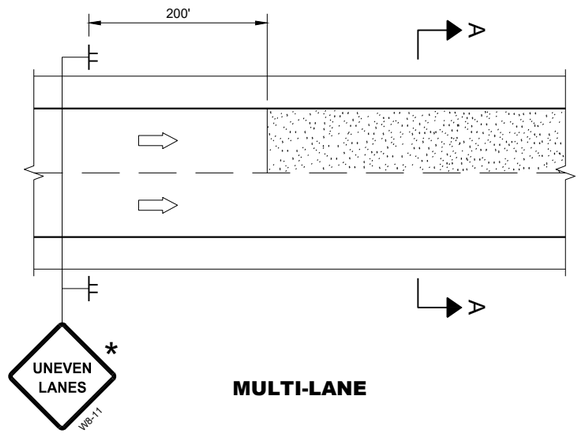
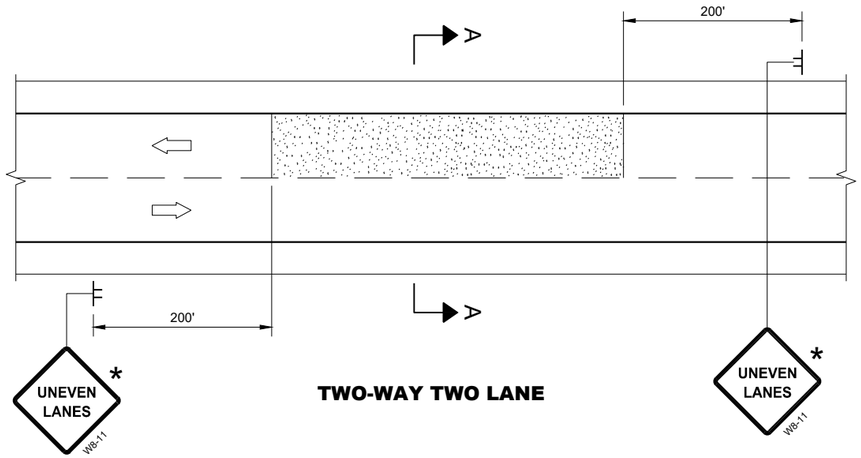
SDD 15D21 - 07b



MULTI-LANE



TWO-WAY TWO LANE

GENERAL NOTES

FOR SPOT LOCATIONS USE ENGINEERING JUDGEMENT WHEN PLACING ADDITIONAL SIGNS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

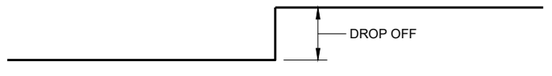
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

* IF THE DROP-OFF IS CONTINUOUS ALONG THE PROJECT, PLACE ADDITIONAL SIGNS EVERY 1 MILE AND AFTER EVERY ENTRANCE RAMP.

(1) USE CLOSER SPACING WHEN DELINEATING DROP-OFF.

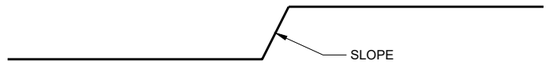
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA WITH DROP-OFF
- MILLED SURFACE

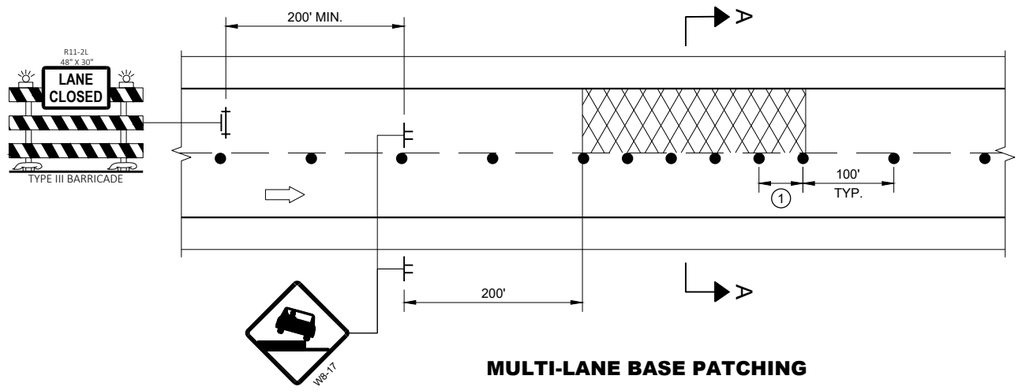


SECTION A - A

OR

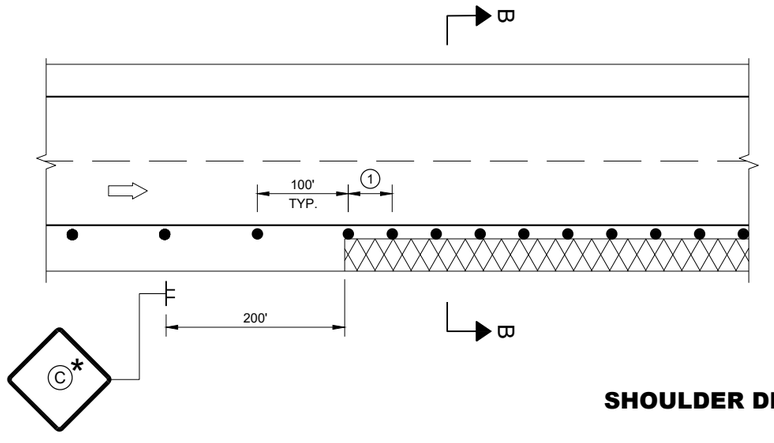


SECTION A - A

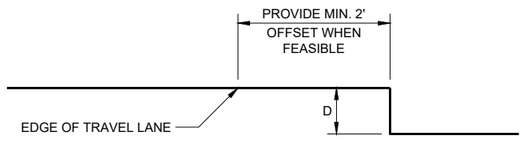


MULTI-LANE BASE PATCHING

ADJACENT LANE DROP-OFFS



SHOULDER DROP-OFFS



SECTION B - B

D	SIGN (C)
< 2" WITH A SLOPE STEEPER THAN 3:1	LOW SHOULDER WO8-9
2" < 6" WITH A SLOPE STEEPER THAN 3:1	SHOULDER DROP - OFF W8-9A PROVIDE A 3:1 OR FLATTER SLOPE OF MATERIAL ADJACENT TO THE PAVEMENT

TRAFFIC CONTROL, DROP-OFF SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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SDD 15D39 - 02

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- CONCRETE BARRIER TEMPORARY PRECAST

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)				
	10	11	12	13	14
50	250	275	300	325	350
55	275	303	330	358	385
60	300	330	360	390	420
65	325	358	390	423	455
70	350	385	420	455	490

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR LANE SHIFT RIGHT - REVERSE FOR SHIFTING LEFT.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON ANY "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

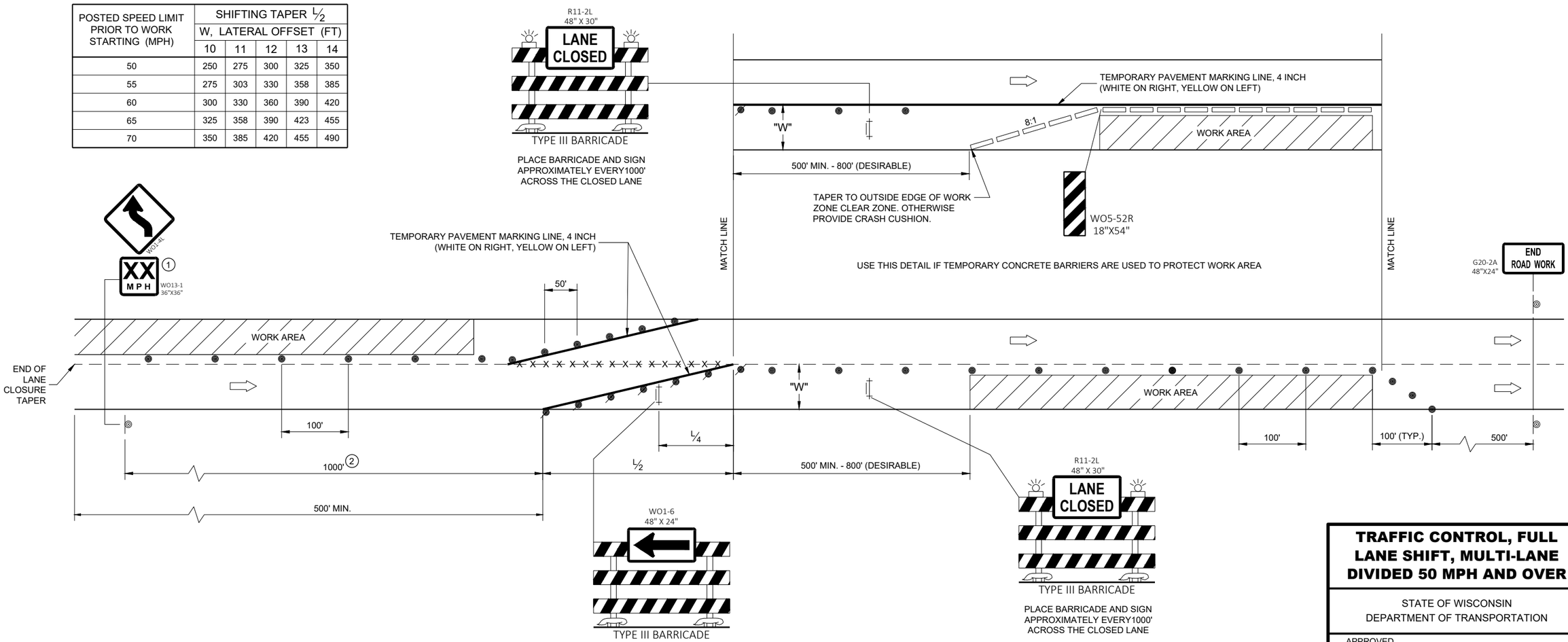
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE SHIFT OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE SHIFT MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ½ THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

(1) USE ONLY IF DESIGN SPEED IS 10 MPH BELOW POSTED SPEED.

(2) IF BEGINNING OF LANE SHIFT IS 1200' OF LESS FROM THE END OF THE LANE CLOSURE TAPER, PLACE THE WO1-4L SIGN 200 FEET AFTER THE END OF THE LANE CLOSURE TAPER.



TRAFFIC CONTROL, FULL LANE SHIFT, MULTI-LANE DIVIDED 50 MPH AND OVER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

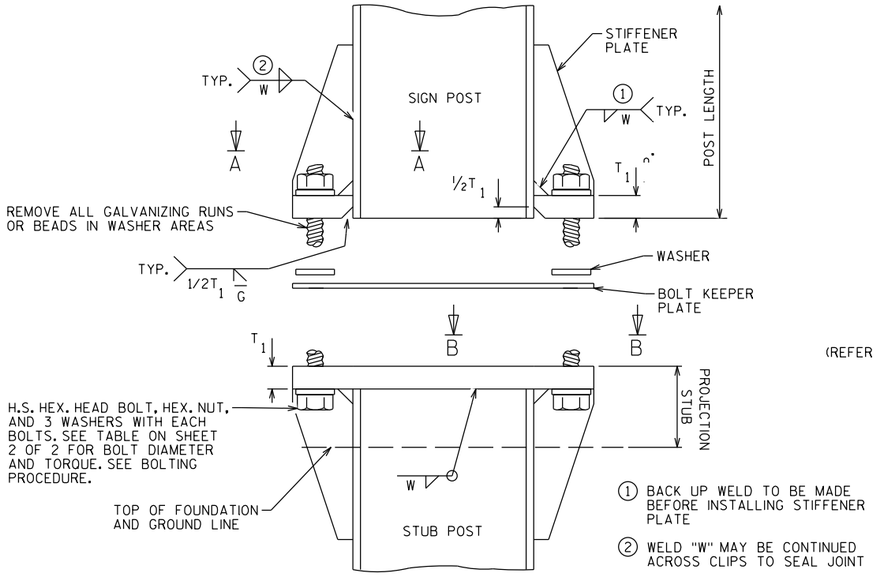
APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

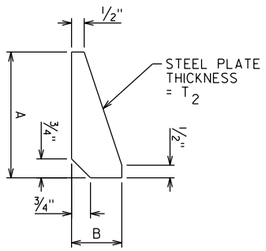
FHWA

SDD 15D40 - 04b

SDD 15D40 - 04b

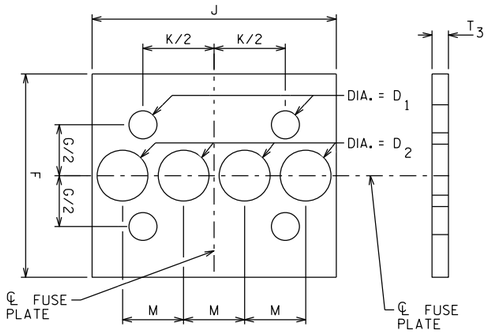


SIGN POST & STUB POST ELEVATION



STIFFENER PLATE DETAIL

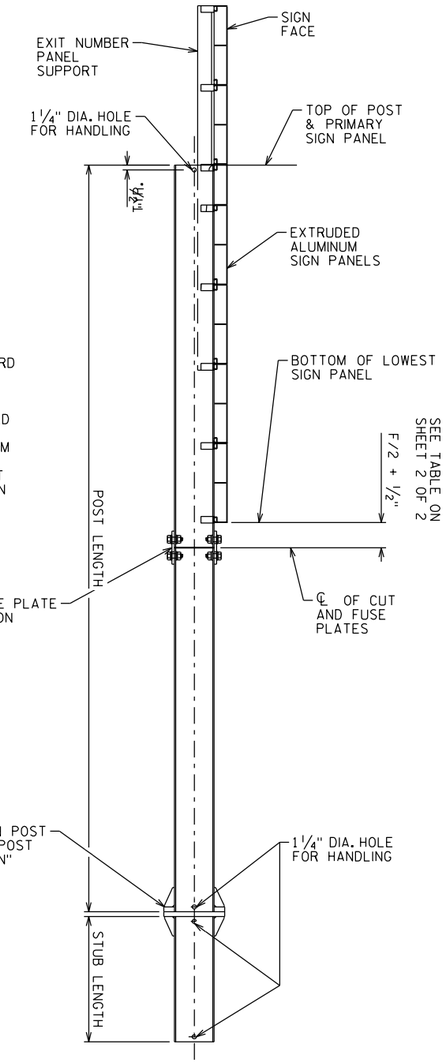
(REFER TO TABLE ON SHEET 2 OF 2 FOR DIMENSIONS)



PERFORATED FUSE PLATE DETAIL

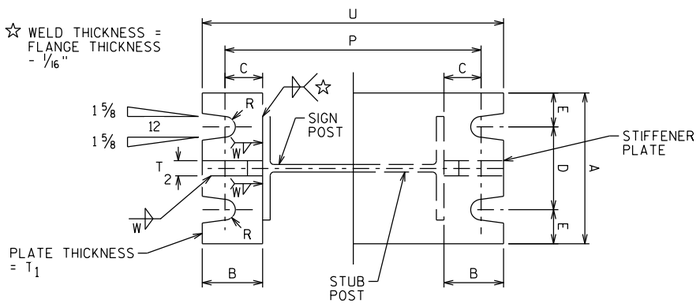
USE H.S. HEX HEAD BOLTS, HEX HEAD NUT AND FLAT WASHER UNDER NUT. INSTALL BOLTS PER THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION SECTION 506.3.12.3.

ALL HOLES SHALL BE DRILLED, SUB-PUNCHED AND REAMED. ALL PLATE CUTS SHALL PREFERABLY BE SAW CUTS. HOWEVER, FLAME CUTTING WILL BE PERMITTED PROVIDED ALL EDGES ARE GROUND. METAL PROJECTING BEYOND THE PLANE OF THE PLATE FACE WILL NOT BE PERMITTED. STEEL FUSE PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36. ASTM A572 GRADE 50 OR ASTM A588 MAY BE SUBSTITUTED FOR A36 AT THE OPTION OF THE FABRICATOR. MILL TEST REPORTS SHALL BE SUBMITTED FOR FUSE PLATES. STEEL USED SHALL HAVE AN ULTIMATE TENSILE STRENGTH NOT TO EXCEED 80 KSI.



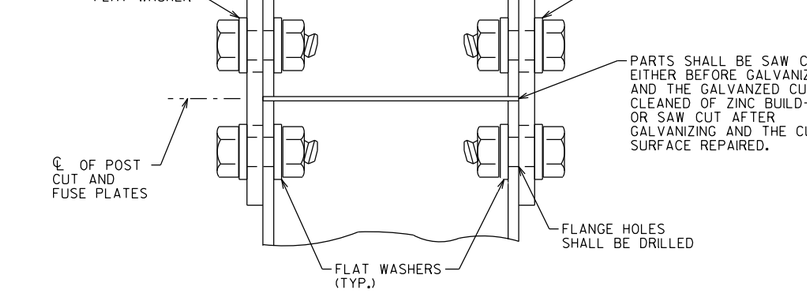
POST DETAIL

☆ WELD THICKNESS = FLANGE THICKNESS - 1/16"

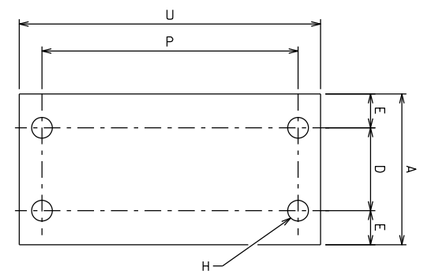


SECTION A-A

SECTION B-B



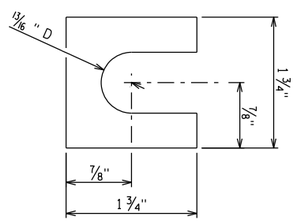
FUSE PLATE CONNECTION DETAIL



H = BOLT DIA. + 1/8"

BOLT KEEPER PLATE DETAIL

30 GA GALVANIZED SHEET STEEL



SHIM DETAIL

FURNISH TWO .012"± THICK AND TWO .032"± THICK SHIMS PER POST. SHIMS SHALL BE FABRICATED FROM BRASS SHIM STOCK OR STRIP CONFORMING TO ASTM B36.

BOLTING PROCEDURE FOR BASE CONNECTION

1. ASSEMBLE SIGN POST, BOLT KEEPER PLATE, AND STUB POST WITH BOLTS AND THREE FLAT WASHERS PER BOLT AS SHOWN.
2. SHIM AS REQUIRED TO PLUMB POST.
3. PRIOR TO BOLT TIGHTENING, LUBRICATE BASE CONNECTION BOLTS WITH BEESWAX OR OTHER HIGH-WAX LUBRICANT.
4. TIGHTEN ALL BOLTS THE MAXIMUM POSSIBLE WITH A 12" OR 15" WRENCH TO BED WASHERS & SHIMS AND TO CLEAN BOLT THREADS.
5. LOOSEN EACH BOLT IN TURN AND RETIGHTEN IN A SYSTEMATIC ORDER TO THE PERSCRIBED TORQUE. (SEE TABLE FOR PERSCRIBED TORQUE). DO NOT OVER-TIGHTEN.
6. BURR THREADS AT JUNCTION WITH NUT USING A CENTER PUNCH TO PREVENT NUT LOOSENING.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE BTO TYPE I SIGNS

DRAWN BY | PLANS CK'D.

CONNECTION & FOUNDATION DETAILS 1 OF 2

SHEET A3-1.20

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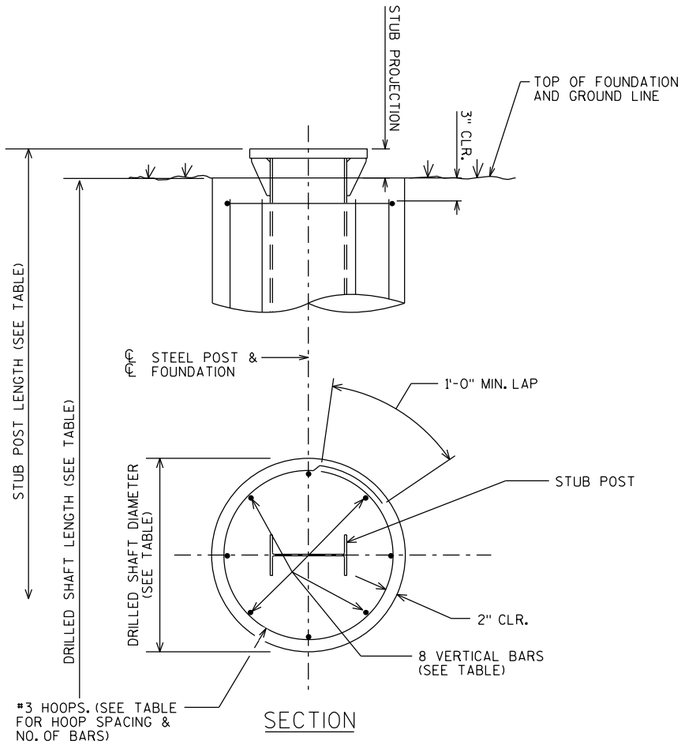
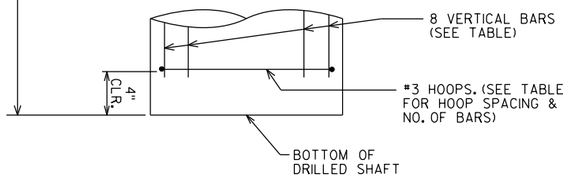
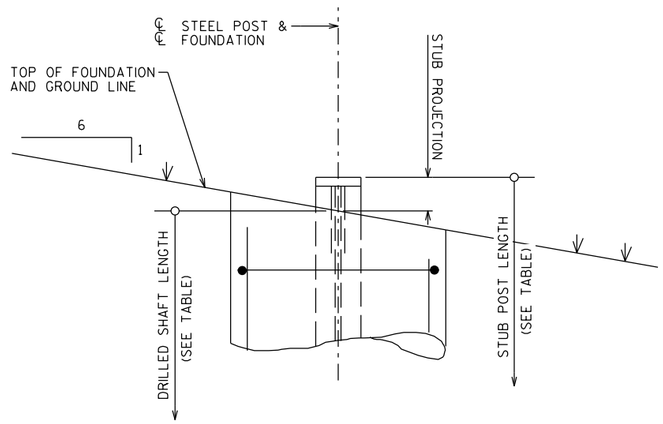


SECTION



FOUNDATION DETAIL



SHAFT PLACEMENT

FOUNDATION DATA TABLE

POST SHAPE	STUB LENGTH	STUB PROJECTION	DRILLED SHAFT DIAMETER	DRILLED SHAFT LENGTH	VERTICAL BARS		HOOPS		CONCRETE VOLUME ◆	TOTAL REINF. WEIGHT ◆
					SIZE	LENGTH	MAX SPA.	NO.		
W6X15	2'-6"	3"	24"	6'-6"	#5	5'-11"	10"	9	0.8 CY	71 LB
W8X18	2'-6"	3"	24"	7'-6"	#6	6'-11"	12"	8	0.9 CY	102 LB
W8X21	3'-0"	2½"	24"	8'-0"	#6	7'-5"	12"	9	1.0 CY	110 LB
W10X22	3'-0"	2½"	24"	8'-6"	#7	7'-11"	12"	9	1.0 CY	151 LB
W12X26	3'-0"	2½"	24"	10'-0"	#7	9'-5"	12"	11	1.2 CY	180 LB

◆ QUANTITIES SHOWN ARE FOR ONE DRILLED SHAFT

BASE CONNECTION & FUSE PLATE DATA TABLE

POST SHAPE	WEIGHT PER FOOT	BASE CONNECTION DATA: BOLT SIZE & TORQUE	A	B	C	D	E	T1	T2	W	R	BOLT KEEPER PLATE DATA: P	U	PERFORATED FUSE PLATE DATA: F	G	J	K	M	D1	D2	T3	BOLT DIA.	WGT. EA. LBS	BOLT LENGTH	V ◪
W6X15	15 LB	⅝" DIA. X 4" 36 TO 38 FT-LB	5"	2"	1¼"	2¾"	1⅛"	1¼"	½"	¼"	11/32"	8½"	10"	5"	2½"	6"	3½"	1½"	11/16"	1¼"	⅜"	⅝"	2.4	2	73.0 LB
W8X18	18 LB											10⅝"	12⅛"	5"	2½"	5¼"	2¾"	1¼"	11/16"	1 1/16"	⅜"	⅝"	2.0	2	83.0 LB
W8X21	21 LB	¾" DIA. X 4¾" 62 TO 63 FT-LB	6"	2¼"	1⅜"	3½"	1¼"	1½"	¾"	5/16"	13/32"	11"	12¾"	5½"	2½"	5¼"	2¾"	1¼"	13/16"	1"	½"	¾"	3.1	2¼"	124.0 LB
W10X22	22 LB											12⅞"	14⅝"	6"	3"	5¾"	2¾"	1⅜"	13/16"	1⅛"	½"	¾"	3.9	2¼"	134.0 LB
W12X26	26 LB											15"	16¾"	6"	3"	6½"	3½"	1⅝"	13/16"	1 5/16"	½"	¾"	4.5	2¼"	152.0 LB

◪ TOTAL STRUCTURAL CARBON STEEL WEIGHT FOR ONE POST = V + (POST LENGTH X POST WEIGHT PER FOOT)

"V" INCLUDES STUB POST, BASE PLATES, STIFFENER PLATES, PERFORATED FUSE PLATES, BOLTS, NUTS, AND WASHERS.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED

MATERIALS SHALL CONFORM TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SECTION 506, UNLESS NOTED OTHERWISE.

FABRICATION SHALL CONFORM TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SECTION 506.

ALL POST, POST STUBS & ATTACHMENTS SHALL BE ASTM A709 GRADE 50, GALVANIZED IN ACCORDANCE WITH ASTM A123.

THE POST, BASE PLATES, UPPER SIX INCHES OF STUB POST, FLANGE SPLICE PLATE AND FUSE PLATE SHALL BE GALVANIZED AFTER FABRICATION.

H.S. BOLTS, WASHERS, & NUTS SHALL BE A325 GALVANIZED.

FOUNDATION MATERIAL PROPERTIES

CONCRETE MASONRY	F'C = 3,500 P.S.I.
BAR STEEL REINFORCEMENT (UNCOATED), GRADE 60	FY = 60,000 P.S.I.

DESIGN DATA

DESIGN CONFORMS TO AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS 1ST EDITION 2015 (WITH 2017 & 2018 INTERIM REVISIONS).

DEAD LOADS (DL):

- STEEL POST SELF WEIGHT
- SIGN PANEL WEIGHT = 3 PSF

WIND LOADS (WL):

WIND LOADS WERE APPLIED TO THE PROJECTED AREAS OF THE SIGN PANELS AND THE STEEL SIGN POSTS.

- BASIC WIND SPEED = 76 MPH
- MEAN RECURRANCE INTERVAL (MRI) = 10 YEARS
- HEIGHT & EXPOSURE FACTOR = 1.00
- DIRECTIONALITY FACTOR = 0.85
- GUST EFFECT FACTOR = 1.14

WIND LOAD CASES:

- WL CASE 1: 1.0 X NORMAL WIND
- WL CASE 2: 1.0 X TRANSVERSE WIND
- WL CASE 3: 0.75 X NORMAL WIND + 0.75 X TRANSVERSE WIND

LOAD COMBINATIONS:

LOAD COMBINATION	TYPE	DL FACTOR	WL FACTOR
STRENGTH I	GRAVITY	1.25	-
EXTREME I	WIND	1.10	1.0
		0.9	1.0
SERVICE I	DEFLECTION	1.0	1.0

FOUNDATION DESIGN DATA

THE FOUNDATION DESIGN ASSUMED COHESIONLESS SOILS (LOOSE SAND) ABOVE THE WATER TABLE WITH THE FOLLOWING PROPERTIES:

- SOIL UNIT WEIGHT = 115 PCF
- ANGLE OF INTERNAL FRICTION = 24 DEGREES
- SOIL MODULUS PARAMETER = 25 LB/IN3

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE BTO TYPE I SIGNS

DRAWN BY | PLANS CK'D.

CONNECTION & FOUNDATION DETAILS 2 OF 2

SHEET A3-1.20

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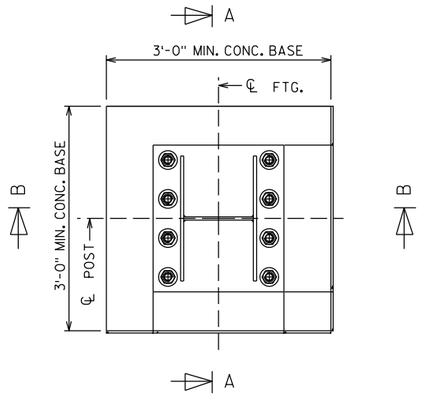
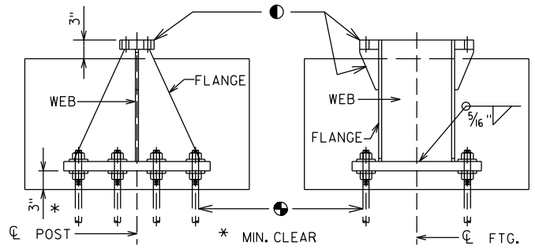
7

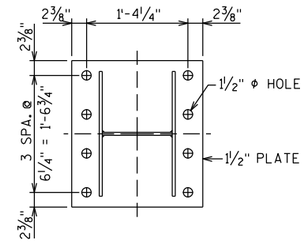
STUB AND ADHESIVE ANCHOR DETAILS



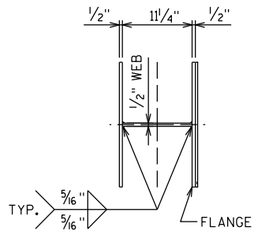
STUB SECTION



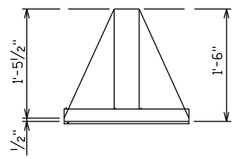
SECTION A-A SECTION B-B



BASE PLATE



STUB



FLANGE

◐ SEE BASE CONNECTION DETAILS ON "CONNECTIONS & FOUNDATION DETAILS" SHEETS.

◔ ADHESIVE ANCHORS 1¼-INCHES. ALLOWABLE PULL OUT CAPACITY = 15 KIPS. EMBED 1'-3" INTO ROCK.

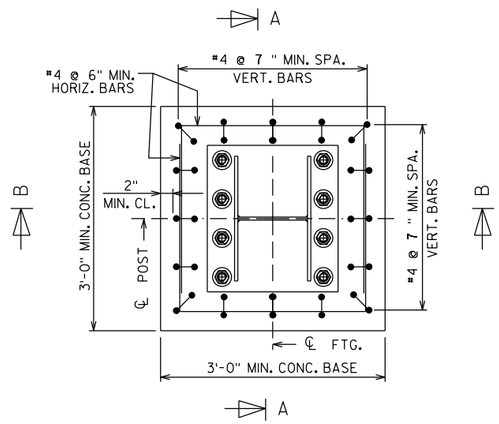
GENERAL NOTES:

QUANTITIES PER BASE:
REINFORCING STEEL = 62 LB
CONCRETE = 0.6 CY
STRUCTURAL STEEL = 335 LB

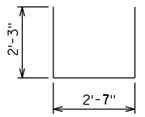
ALL MATERIALS, EXCEPT FOR ANCHOR ROD, NUTS, AND WASHERS, SHALL BE ASTM A709 GRADE 50. ALL MATERIALS TO BE GALVANIZED AFTER FABRICATION.

IF ROCK IS ENCOUNTERED PRIOR TO REACHING THE MINIMUM DRILLED SHAFT EMBEDMENT DEPTH DEFINED ON THE FOUNDATION DATA TABLE OF THE "CONNECTIONS & FOUNDATION DETAILS 2 OF 2" SHEET, THE CONTRACTOR SHALL INSTALL A TEST ADHESIVE ANCHOR AND DETERMINE THE PULL-OUT CAPACITY. IF THE FIELD TEST RESULTS IN A PULL-OUT CAPACITY GREATER THAN OR EQUAL TO 15 KIPS, THE CONTRACTOR MAY INSTALL THE ALTERNATE CONCRETE BASE AND BREAK-WAY STUB PER THE DETAILS ON THIS SHEET.

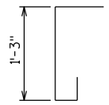
CONCRETE BASE DETAILS



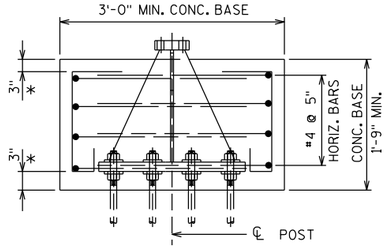
CONCRETE BASE PLAN



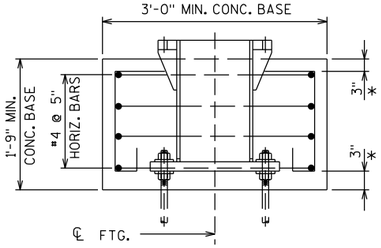
HORIZONTAL BAR
8 BARS @ 6'-11" LENGTH



VERTICAL BARS
16 BARS @ 2'-4" LENGTH
MAY BE PLACED IN SKEW
FOR CLEARANCE NEED



SECTION A-A



SECTION B-B

* MIN. CLEAR

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

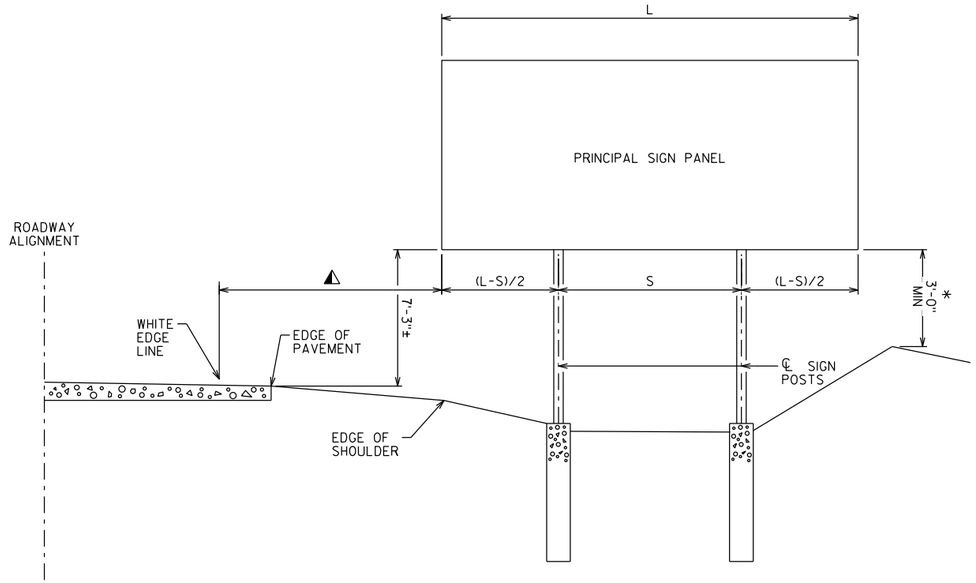
STRUCTURE BTO TYPE I SIGNS

DRAWN BY	PLANS CK'D.

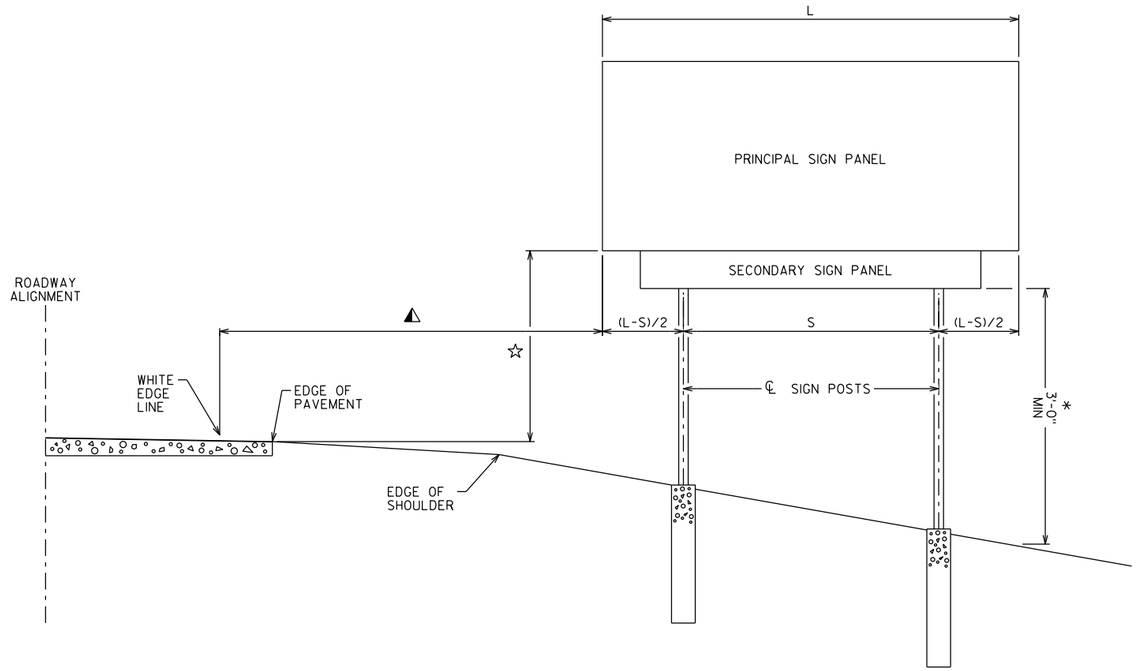
ALTERNATE BREAK-AWAY BASE ON ROCK

SHEET A3-1M.2

330



INSTALLATION WITHOUT SECONDARY SIGN



INSTALLATION WITH SECONDARY SIGN

TYPE 1 SIGN INSTALLATION NOTES:

FOR A 2-POST INSTALLATION, "S" EQUALS 3L/5, BUT SHALL NOT BE LESS THAN 6'-0".

FOR A 3-POST INSTALLATION, "S" EQUALS 5L/7, BUT SHALL NOT BE LESS THAN 12'-0". THE SPACING BETWEEN ANY TWO POSTS SHALL NOT BE LESS THAN 6'-0".

◭ UNLESS NOTED IN THE PLANS, THE SIGN OFFSET DISTANCE SHALL BE A MINIMUM OF 17'-6" FROM THE WHITE EDGE LINE, DESIRABLE 30'-0".

THE ± TOLERANCE SHOWN ON THIS SHEETS IS 3".

THE VERTICAL SIGN HEIGHT CLEARANCES SHOWN ON THIS SHEET ARE MEASURED FROM THE BOTTOM OF THE SIGN PANEL TO THE NEAR EDGE OF PAVEMENT.

☆ THE VERTICAL CLEARANCE SHALL BE 8'-3"± WHEN THE SECONDARY SIGN HEIGHT IS 3'-0" OR LESS. FOR SECONDARY SIGN HEIGHTS LARGER THAN 3'-0", THE VERTICAL CLEARANCE TO THE BOTTOM OF THE SECONDARY SIGN PANEL SHALL BE 5'-3"±.

* THE VERTICAL SIGN GROUND CLEARANCE ON RIGHT END OF SIGN SHALL BE A MINIMUM OF 3'-0"±.

POST LENGTHS SHOWN IN THE MISCELLANEOUS QUANTITIES ARE ESTIMATED LENGTHS. THE CONTRACTOR SHALL VERIFY POST LENGTHS AT THE TIME OF FINAL GRADING.

REFER TO THE TRAFFIC ENGINEERING OPERATIONS AND SAFETY MANUAL FOR FURTHER GUIDANCE ON MINIMUM VERTICAL CLEARANCE REQUIREMENTS.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

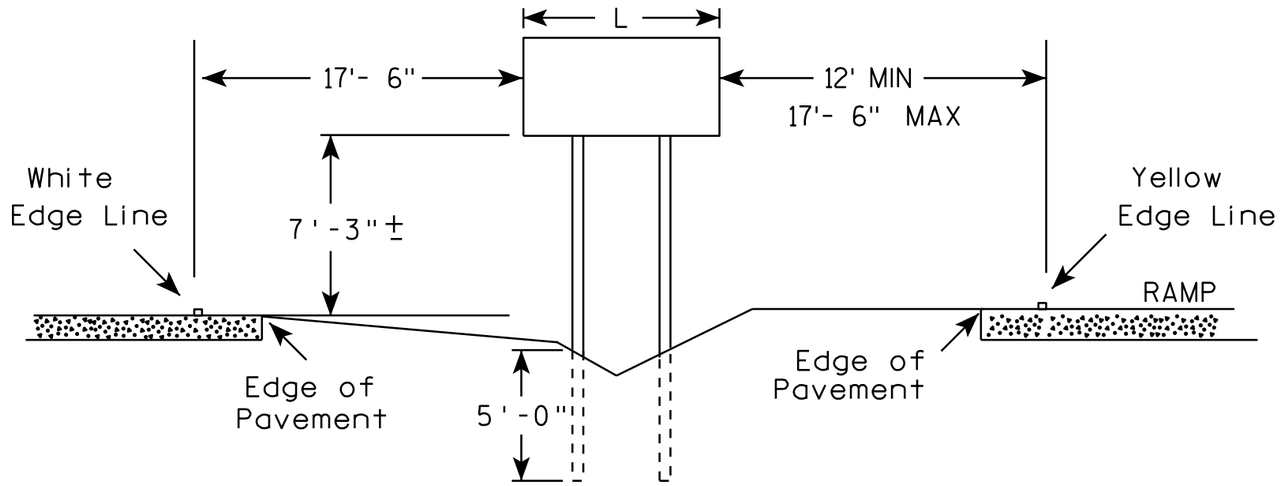
STRUCTURE BTO TYPE I SIGNS

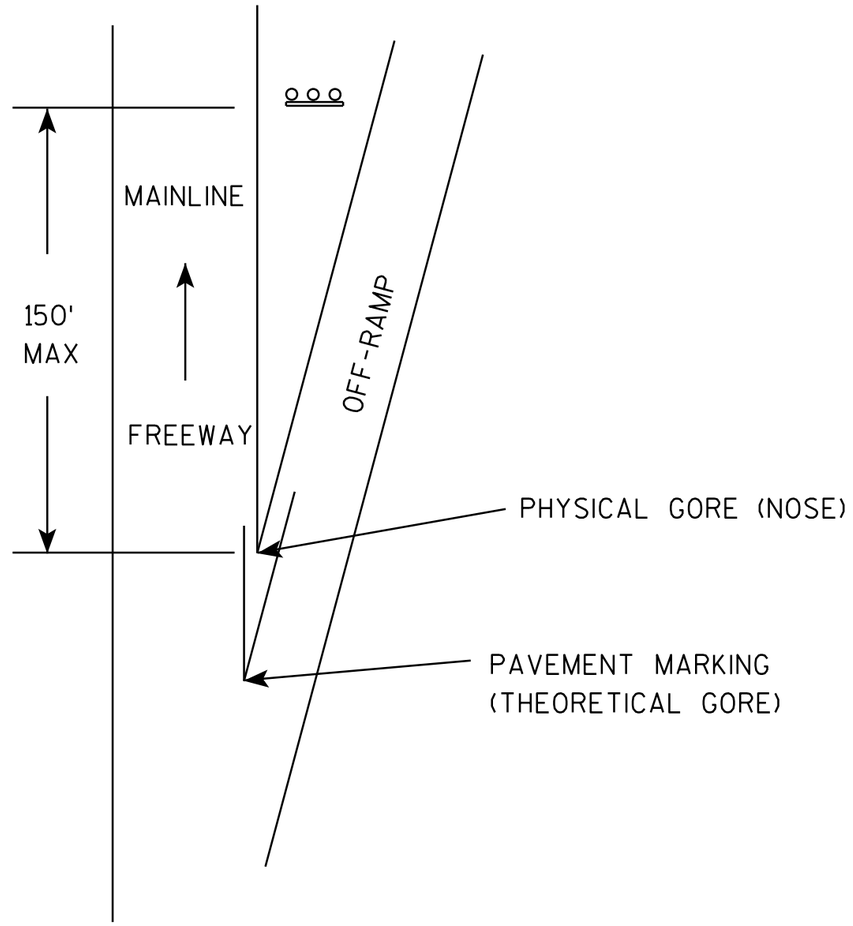
DRAWN BY | PLANS CK'D.

TYPICAL TYPE I SIGN INSTALLATION

SHEET A4-1.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 331 | E





GENERAL NOTES

1. The 150 foot distance from the physical gore (where pavement ends) will normally provide the offsets as shown.
2. If roadway geometrics permit, the sign may be closer than the 150 foot distance as long as the offsets are maintained.
3. At no time shall the location be greater than 150 feet. If the normal offsets cannot be maintained, they can be reduced to 6 feet from the edge of the paved shoulder (both freeway and ramp).
4. The offset from edge of sign to the yellow edge line on the ramp is shown as a minimum of 12 feet and a maximum of 17 feet, 6 inches. Preference is adhering to the maximum rather than the minimum dimension.
5. When L is equal to or exceeds 10 feet, use 3 posts as per A4-4.
6. The (∓) tolerance for the mounting height is 3 inches.

7

7

TYPICAL INSTALLATION
OF TYPE II SIGNS ON
WOOD POSTS IN GORE

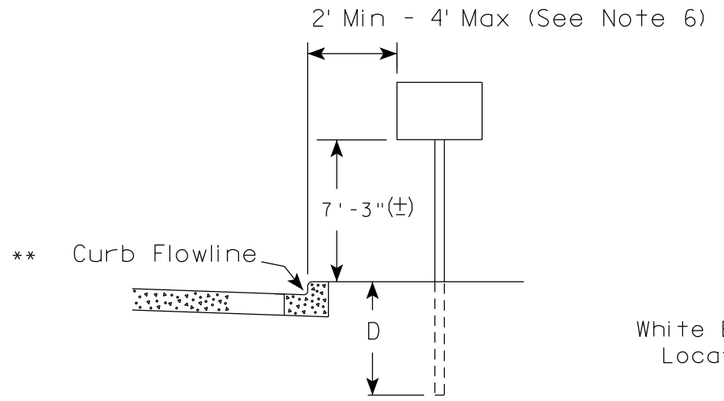
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

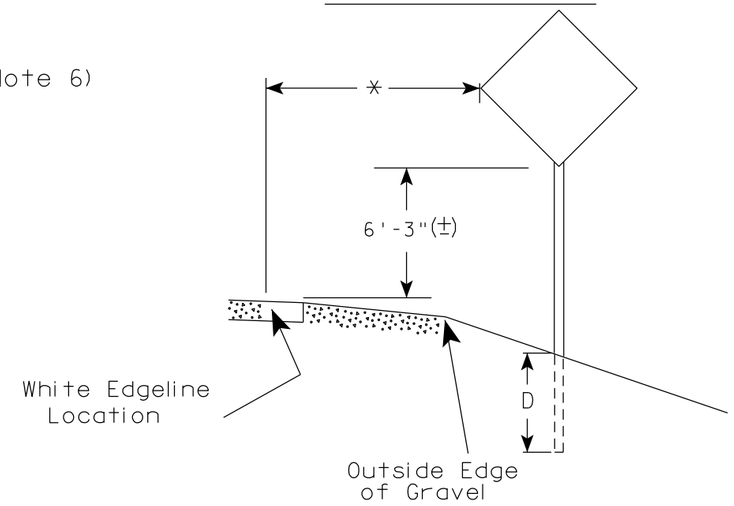
DATE 2/06/14 PLA 332 A4-2.3

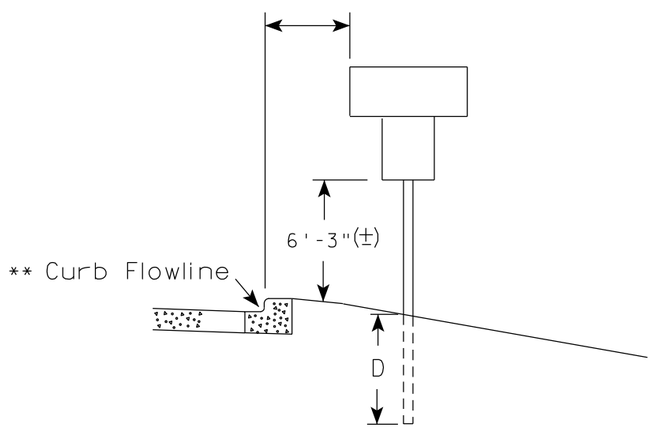
PROJECT NO: | SHEET NO: E

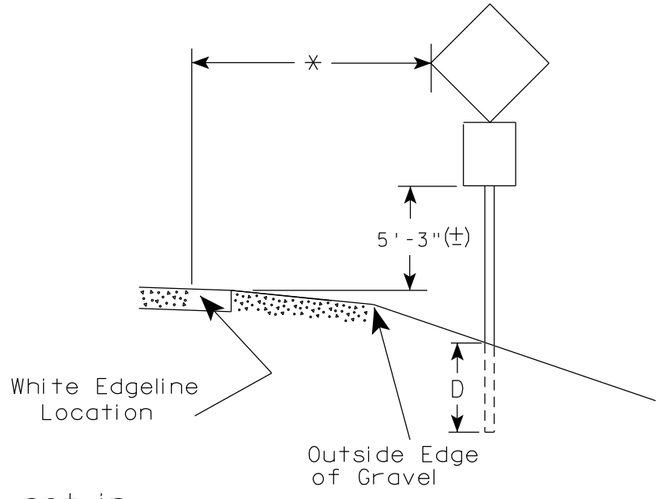
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq.Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. The (±) tolerance for mounting height is 3 inches.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.

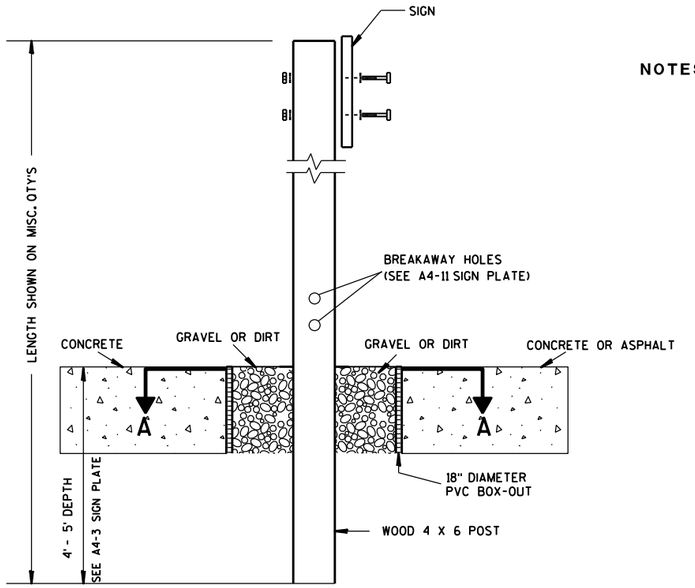
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/13/2020 PLATE NO. A4-3.22

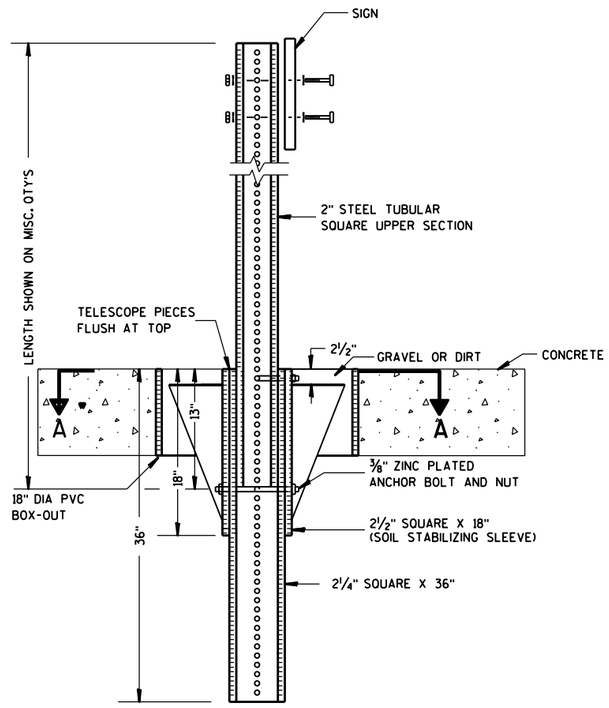
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 333	E



ELEVATION VIEW

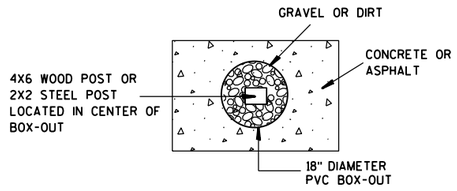
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

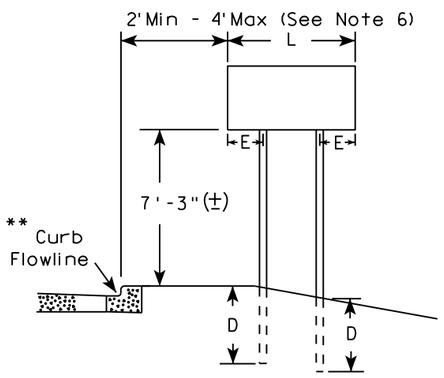
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

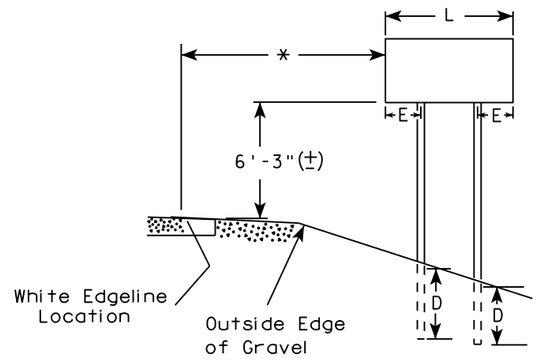
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

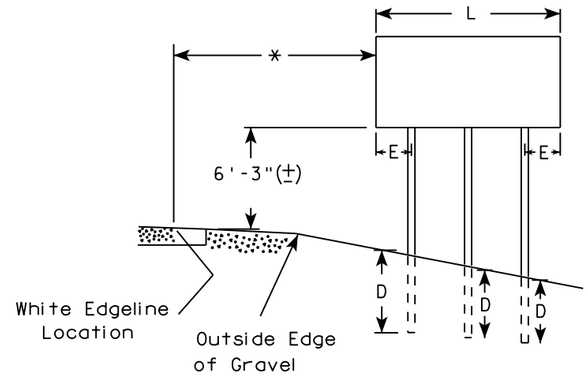
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

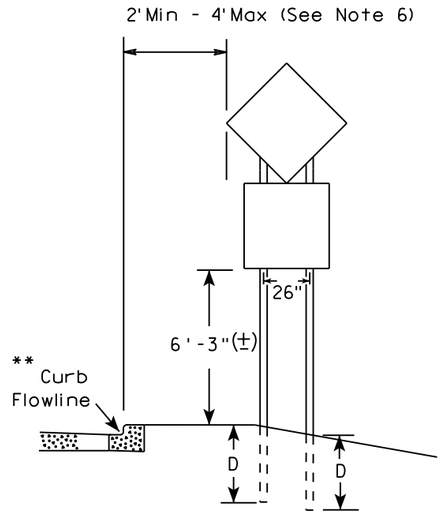
URBAN AREA



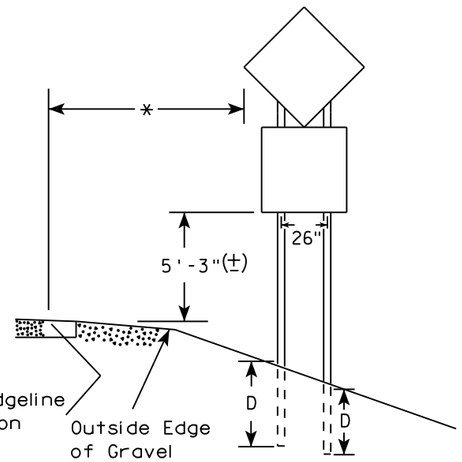
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

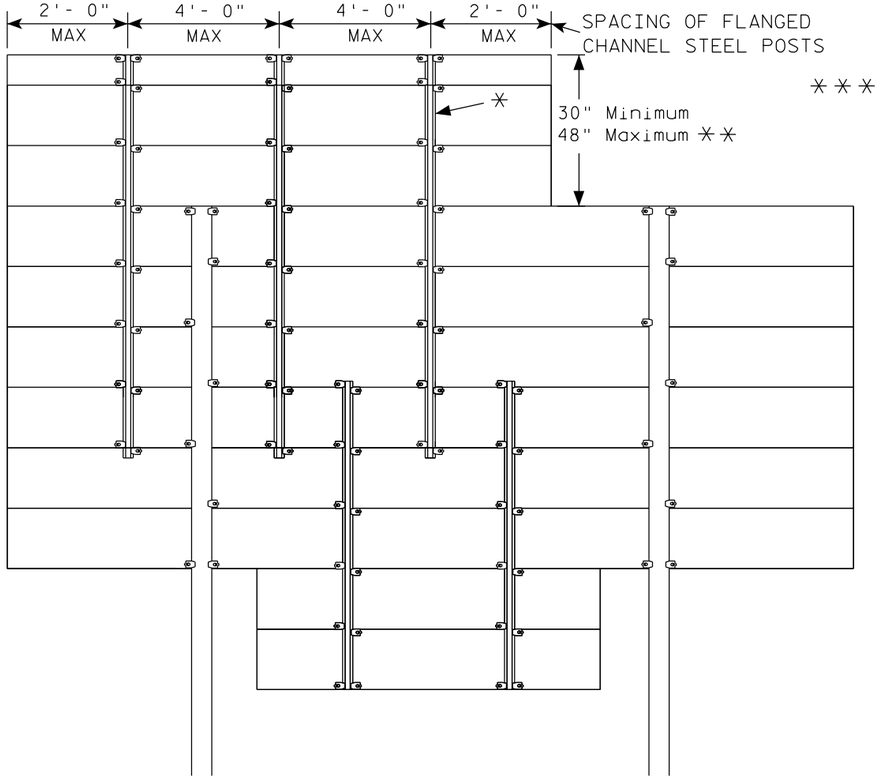
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-4.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 335	E

GROUND MOUNTED SIGN



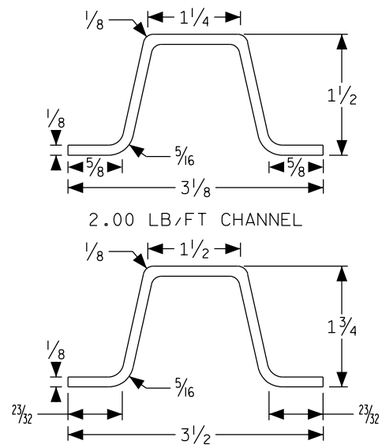
✳=2.00 lb/ft AND 4.00 lb/ft FLANGED CHANNEL, MIN. YIELD STRENGTH = 60,000 PSI (GRADE 60) GALVANIZED

✳✳=FOR 48" HEIGHT PANELS ON OVERHEAD STRUCTURES, ENTIRE SIGN SHALL BE CENTERED VERTICALLY ABOUT THE DEPTH OF THE TRUSS.

✳✳✳ THESE SPACING DISTANCES SHALL ONLY BE USED WHEN THE MAIN SIGN HAS A MAXIMUM HEIGHT (DIMENSION H) OF 15 FT OR LESS. FOR SIGNS WITH A HEIGHT OF GREATER THAN 15 FT, STRUCTURAL CALCULATIONS SHALL BE PERFORMED.

FLANGE CHANNEL DETAILS

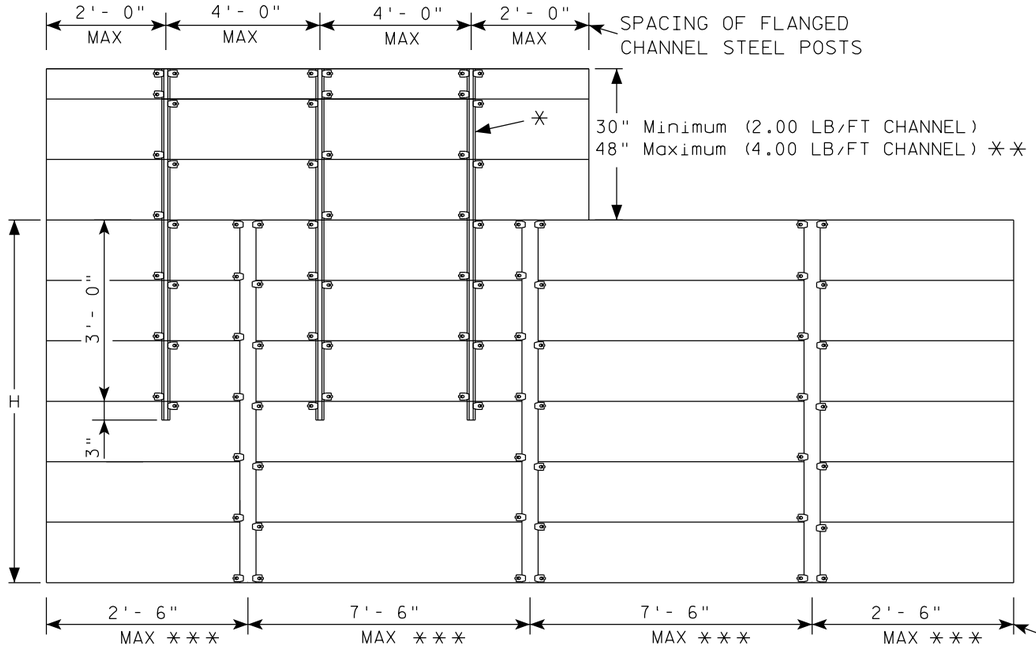
NOT TO SCALE



2.00 LB/FT CHANNEL

4.00 LB/FT CHANNEL

SIGN BRIDGE MOUNTED SIGN



SPACING OF ALUMINUM SIGN SUPPORTS 5" X 3.5" X 3.7 LBS./ft.

GENERAL NOTES

1. Flanged channel steel posts shall conform to size and material above, and shall be considered as incidental to other items in the contract.
2. Number of Flanged channel steel supports varies with length of panel and shall be spaced as shown:

   PANEL LENGTH 8'-0" OR LESS = 2 CHANNELS
   PANEL LENGTH 9'- 0" - 12'- 0" = 3 CHANNELS
   PANEL LENGTH 13'- 0" OR MORE = 4 CHANNELS

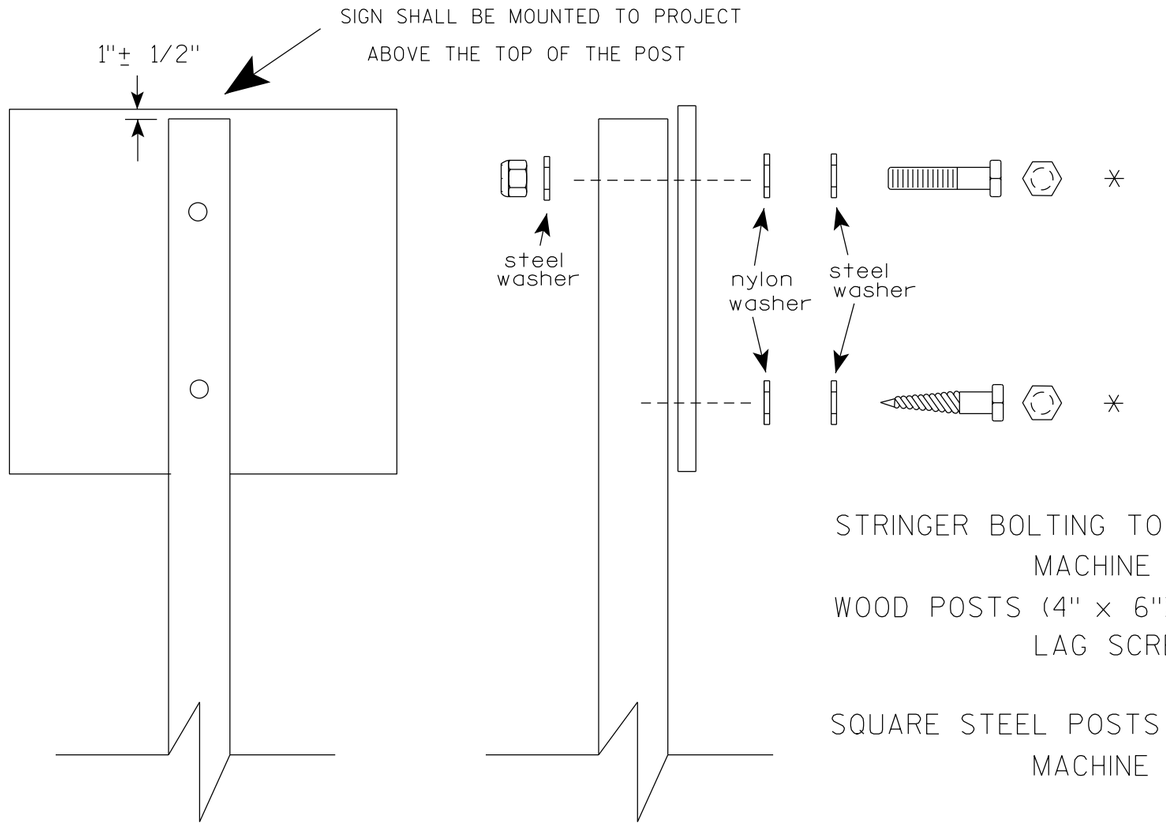
   If the flanged channel steel posts can not be horizontally spaced as shown, they can be moved so as to securely hold the sign.
3. The EXIT NUMBER PANEL shall normally be positioned above the guide sign aligned with the right edge of the guide sign. If the guide sign indicates a left exit, the EXIT NUMBER PANEL shall be aligned with the left edge of the guide sign.
4. If the bolt holes in the top panel (EXIT NUMBER), or sub panel (NEXT EXIT) line up with holes in main sign panel, stitch bolts shall be used in addition to the channels.
5. Provide post clips for each sign as shown. (Please note the differences between a ground mounted versus Sign bridge mounted sign as far as number of clips required on the main supports or beams)
6. Structural steel sign supports shall extend to the top of the main signs, as shown on the above details.

ATTACHMENT OF GUIDE SIGNS TO SUPPORTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/07/20 PLATE NO. A4-6.12



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/1/2020 PLATE NO. A4-8.9

PROJECT NO:

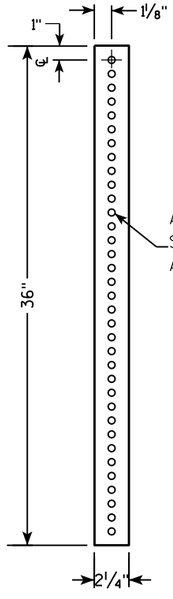
SHEET NO: 337 E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A48.DGN PLOT DATE : 01-APRIL-2020 PLOT BY : dotc4c

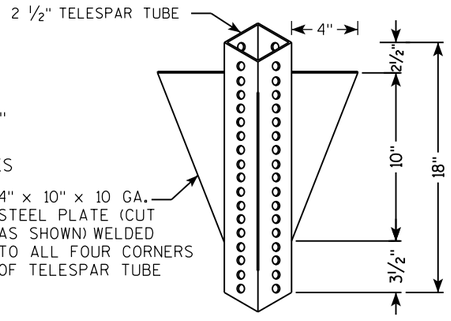
WISDOT/CADDS SHEET 42

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

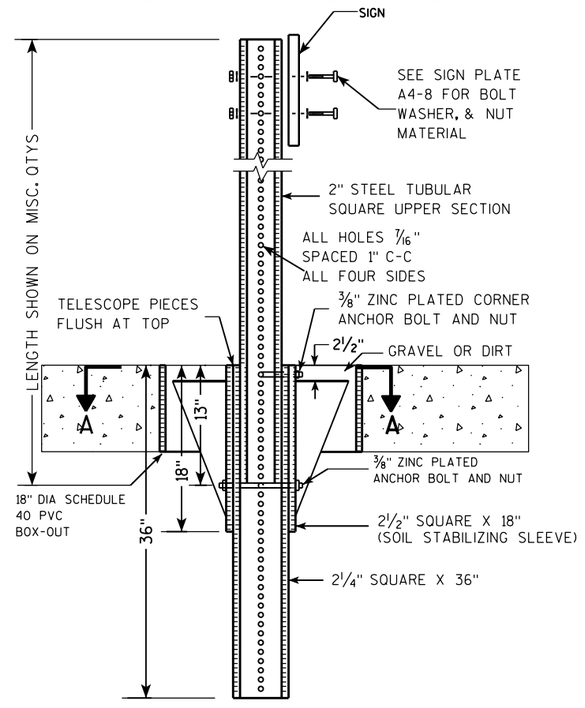
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



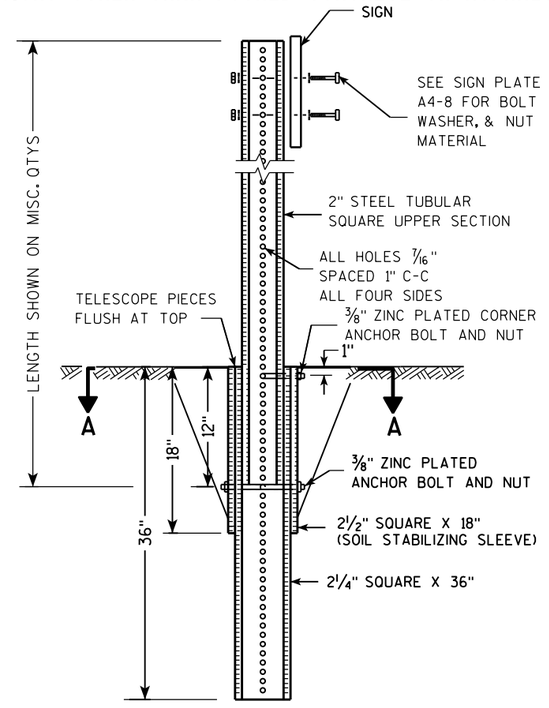
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

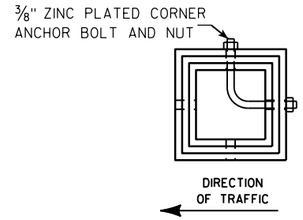


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

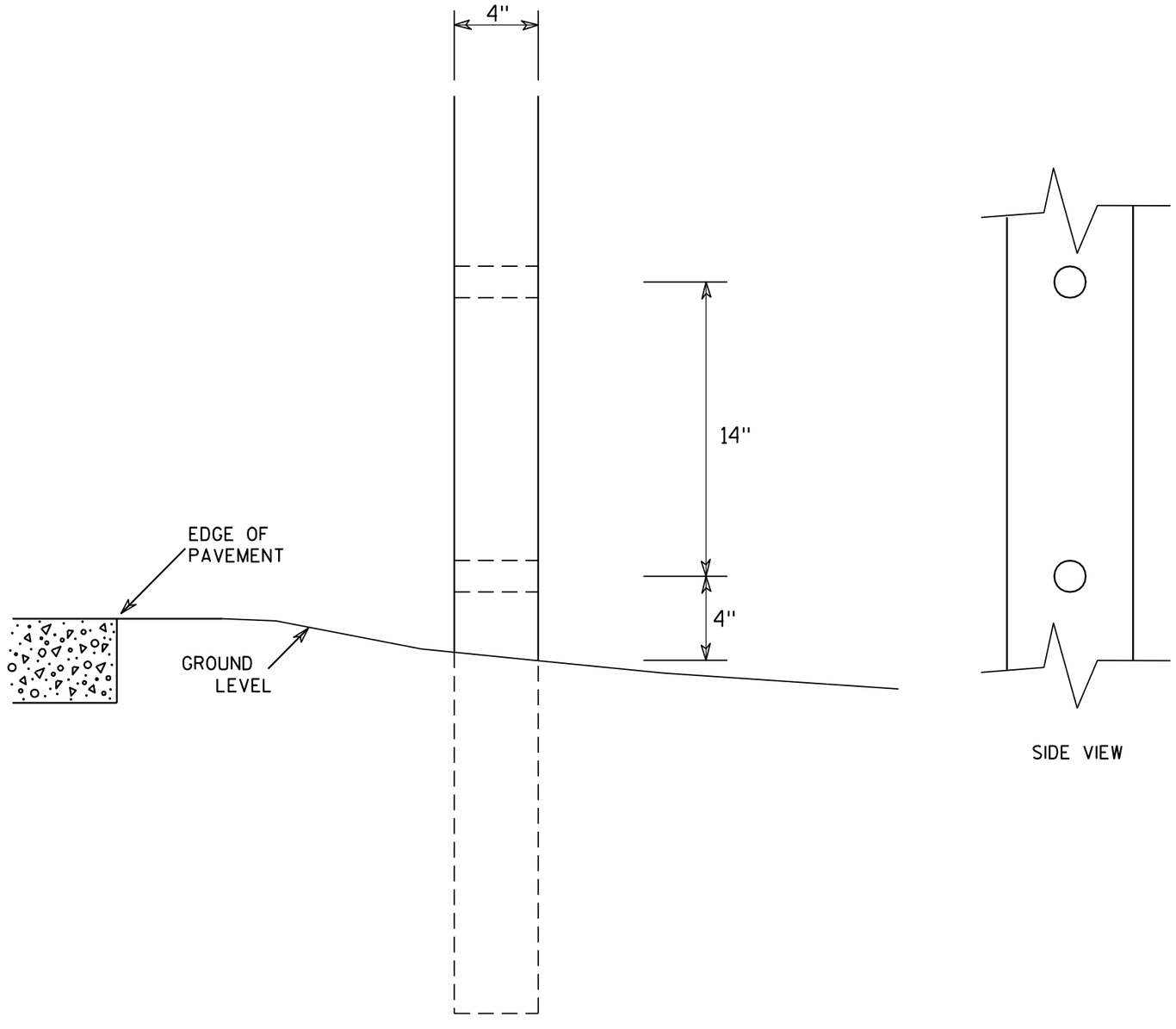
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 338 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000

WISDOT/CADDS SHEET 42



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

4 X 6 WOOD POST MODIFICATIONS

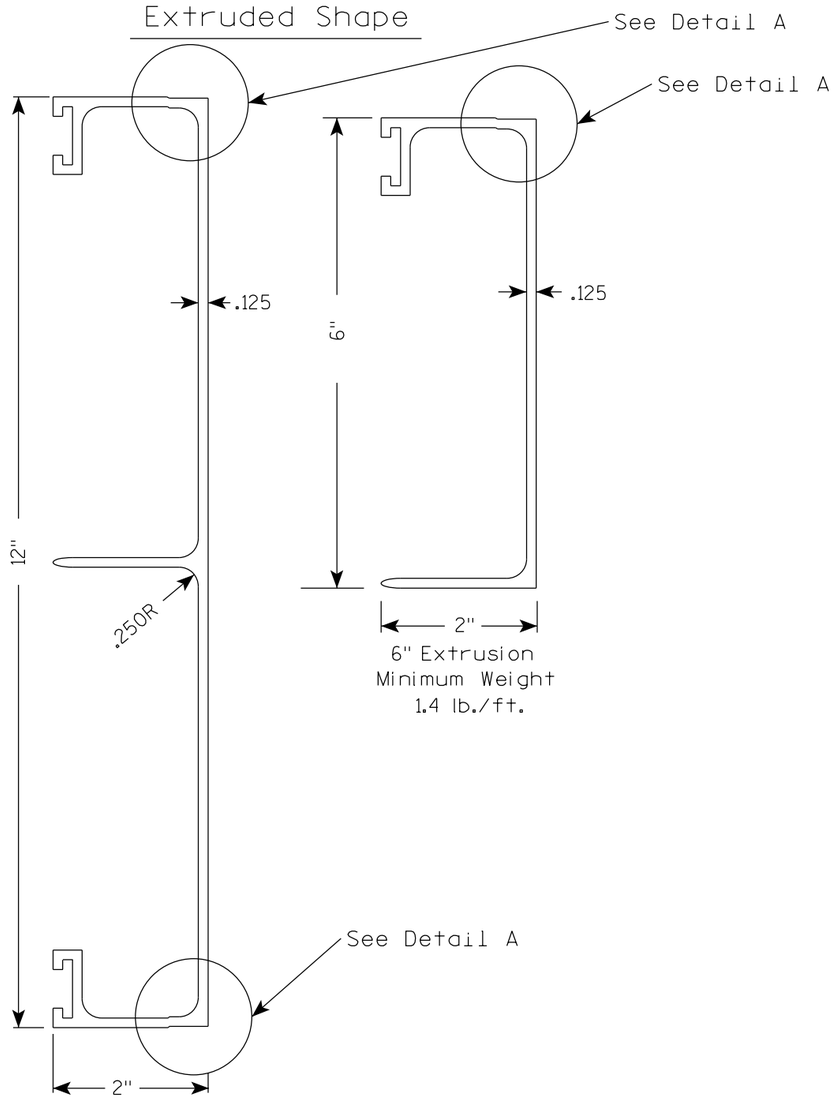
WISCONSIN DEPT OF TRANSPORTATION

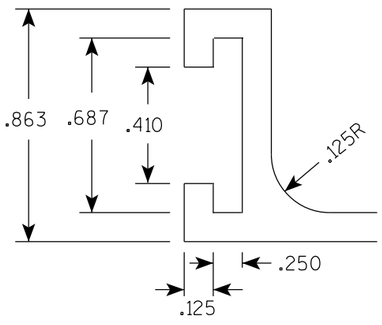
APPROVED Chester J Spang
for State Traffic Engineer

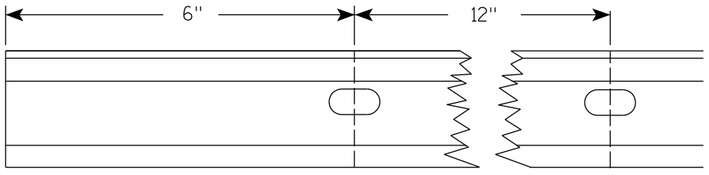
DATE 3/27/97 PLATE NO. A4-11.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 339	E

Extruded Shape







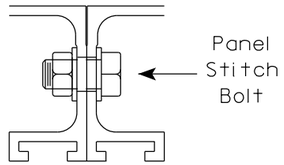
Punch 7/16" x 7/8" oval holes beginning 6" in from end of extrusion 12" CC on both edges of 6" and 12" panels.

Hardware

STITCH BOLT, WASHER & NUT

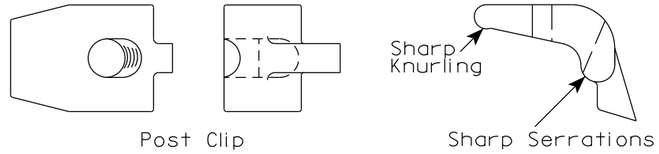
The hardware includes:

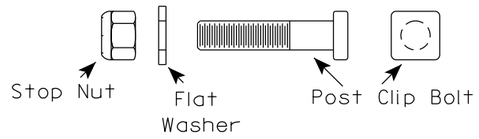
3/8 " - 16 X 3/4 " Economy Bolt 2024-T4 alloy
3/8 " - Stainless steel stop nut
3/8" X .064 Flat Washers, Alclad 2024-T4 alloy



POST CLIP, POST CLIP BOLT, WASHER & NUT

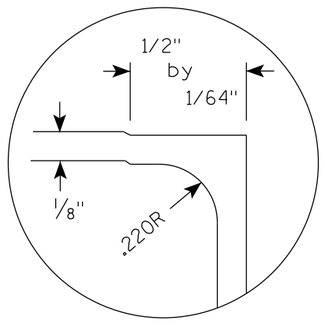
Post Clip shall be Alum. Alloy 356-T6
Post Clip Bolt shall be Stainless Steel.
Flat washer shall be 3/8" X .091, Stainless Steel.
Stop nut shall be stainless steel.





NOTES

1. The contractor may select any brand of extrusion that conforms to the illustrations or meets with the approval of the engineer, but all extrusions used on this contract shall be of the same brand.
2. Panel Stitch Bolts shall be used to assemble adjacent panels. Maximum stitch bolt spacing shall be 24" C-C, and a minimum of 4 bolts shall be used to connect any two extrusions.
3. Post Clips shall be used to attach the sign panel to the sign support.
4. Edge wrapping of sign sheeting required on all extrusions joints shown in Detail A.



DETAIL A (EDGE WRAP JOINT)

ALUMINUM EXTRUSIONS FOR TYPE I SIGNS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

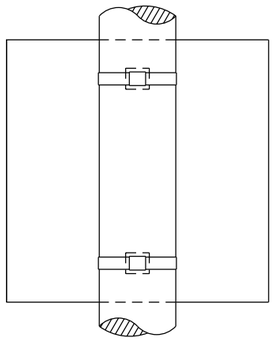
DATE 1/07/20 PLATE NO. A5-2.10

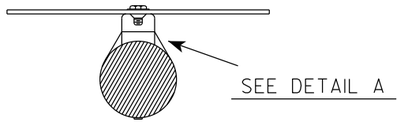
PROJECT NO:

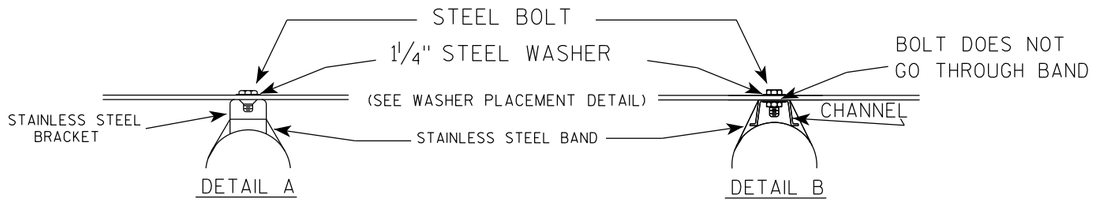
SHEET NO: 340 E

BANDING

SINGLE SIGN



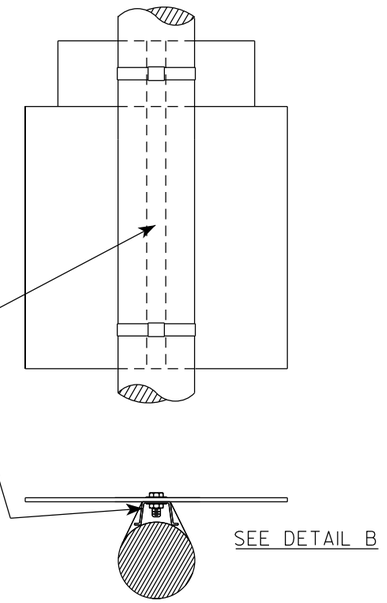




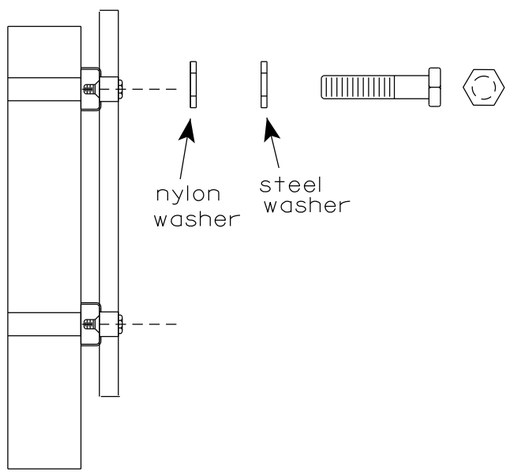
GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X ⅜" I.D. X 1/16" STEEL
1-1/4" O.D. X ⅜" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

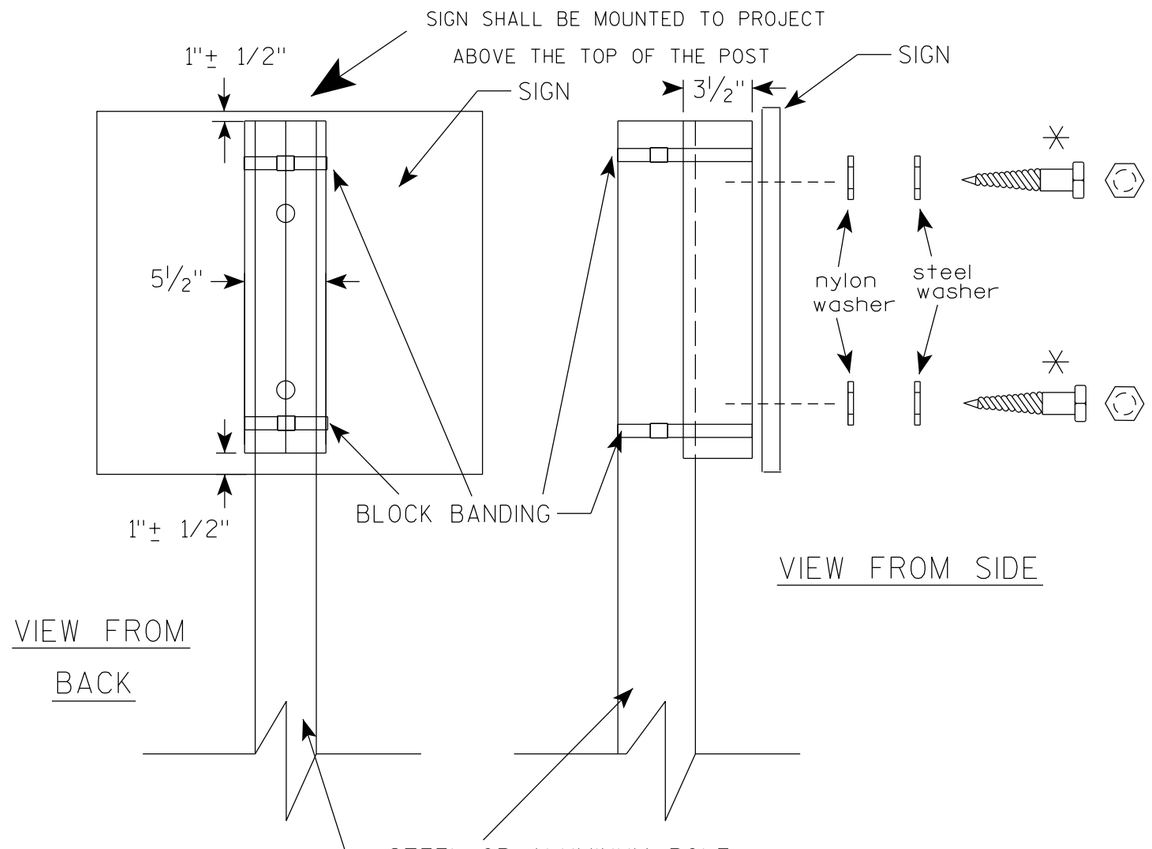
DATE 6/10/19 PLATE NO. A5-9.4

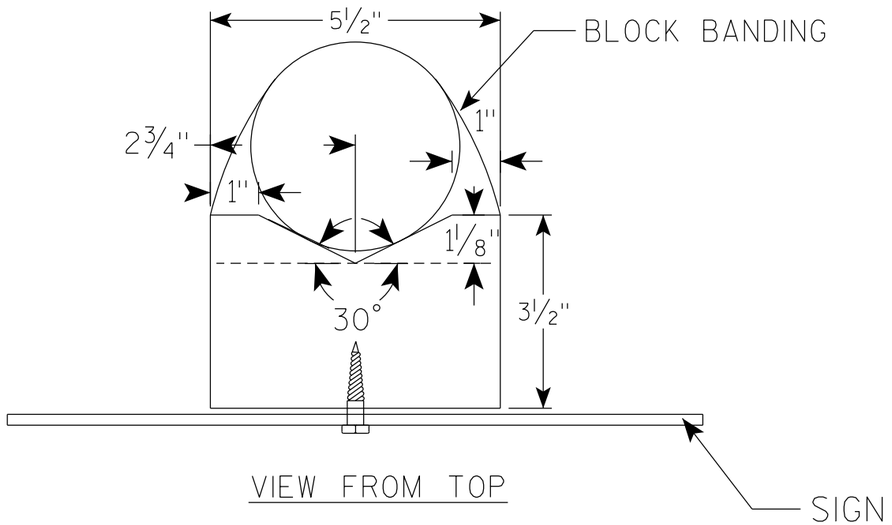
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 341	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

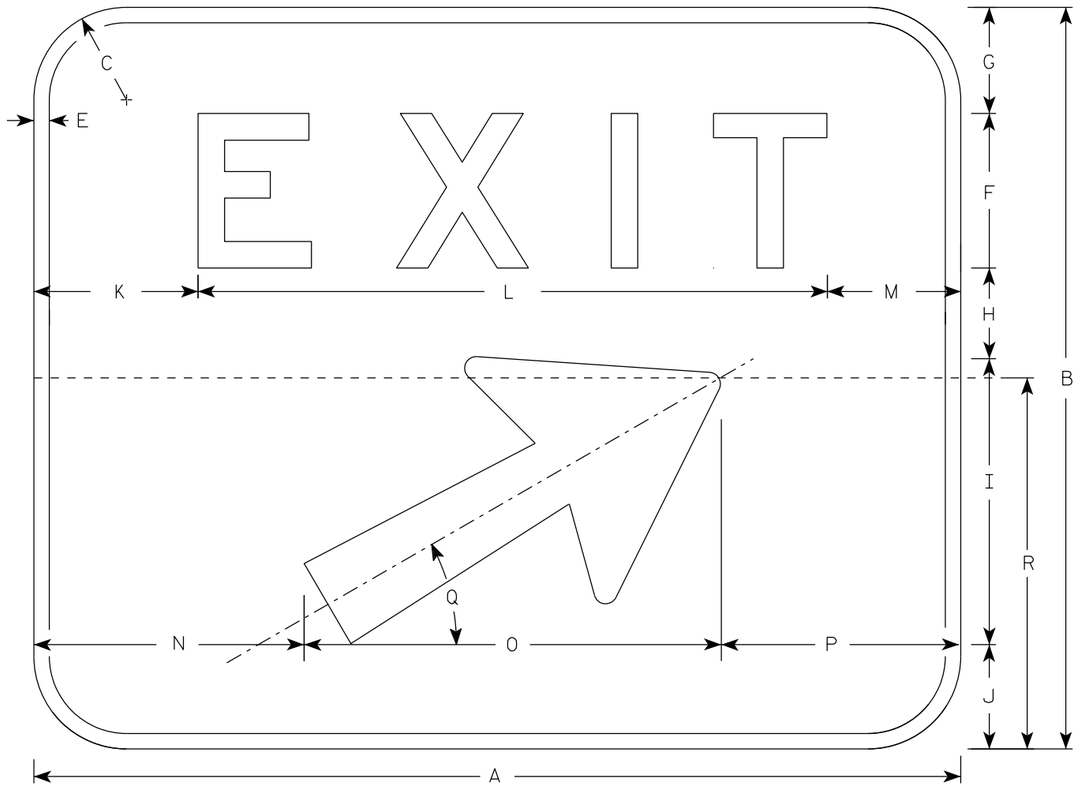
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 342 E



E5-1

NOTES

1. Sign is Type II - Type H reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E
4. Sign shall be split into two seperate pieces as shown on the detail by the dashed line (----------) for sizes 4 & 5.
5. Arrow is Type "A" from sign plate A1-1.
6. As per the Standard Spec's, this sign shall not have a vertical joint.
7. Size 3 E5-1 shall only be used in a Work Zone application with a Temporary Sign Support

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2																											
3	48	48	6		1	10	6 7/8	5 7/8	18 1/2	6 3/4	8 1/2	31 1/8	8 3/8	11 1/2	27	9 1/2	30°	30									16.0
4	60	48	6		1	10	6 7/8	5 7/8	18 1/2	6 3/4	10 5/8	40 3/4	8 5/8	17 1/2	27	15 1/2	30°	30									20.0
5	72	60	6		1	12	9 3/4	10	18 1/2	9 3/4	13 1/4	48 1/2	10 1/4	23 1/2	27	21 1/2	30°	30									30.0

STANDARD SIGN
E5-1

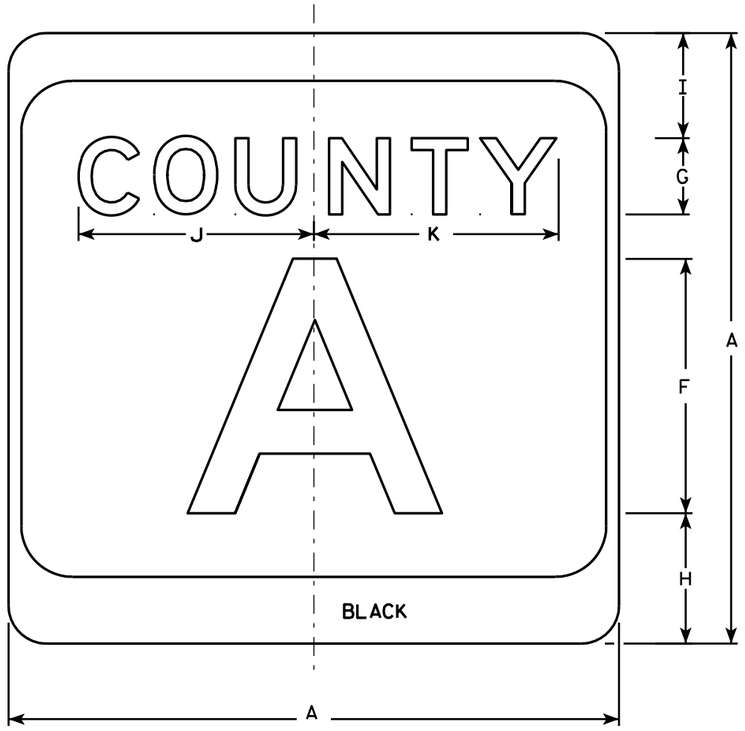
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

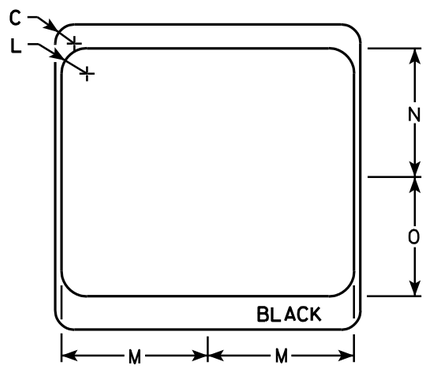
DATE 2/9/2022 PLATE NO. E5-1.11

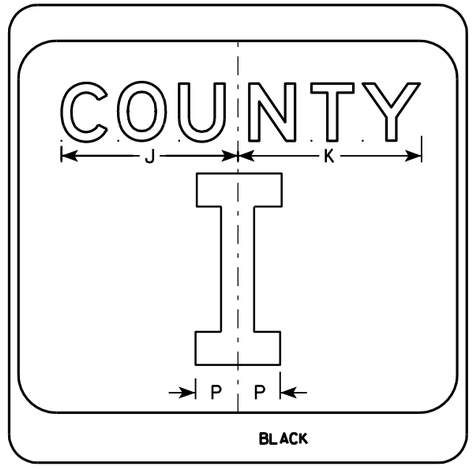
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 343 | E

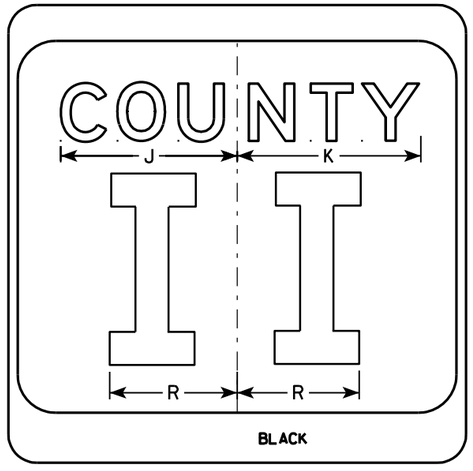
7



M1-5A







NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 7
   Message - Black
3. Message Series - see Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
6. Substitute appropriate letters & optically center to achieve proper balance.
7. Permanent Signs
   Background - Type H Reflective
   Detour or temporary Signs
   Background - Reflective

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

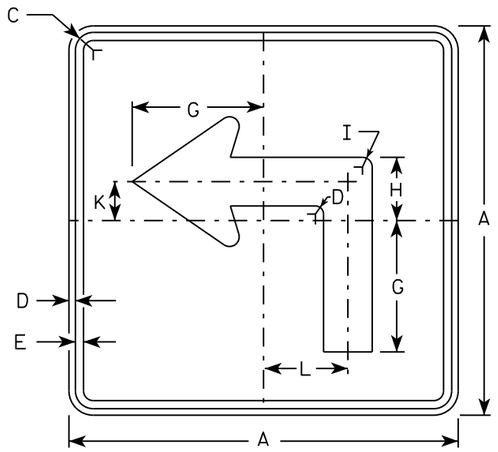
CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

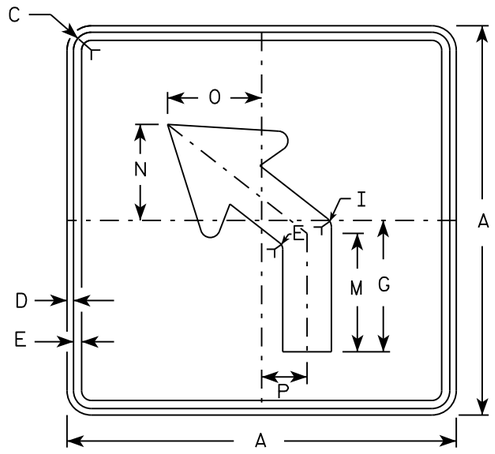
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/27/11 PLATE NO. M1-5A.8

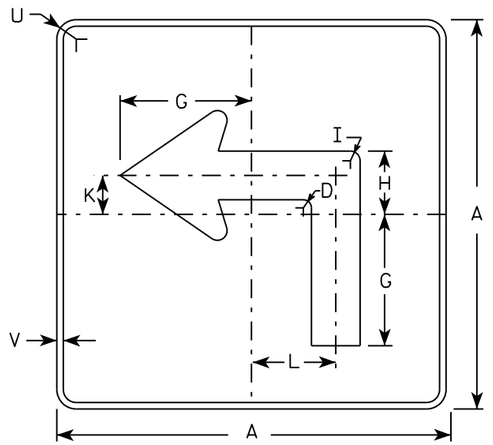
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 344	E



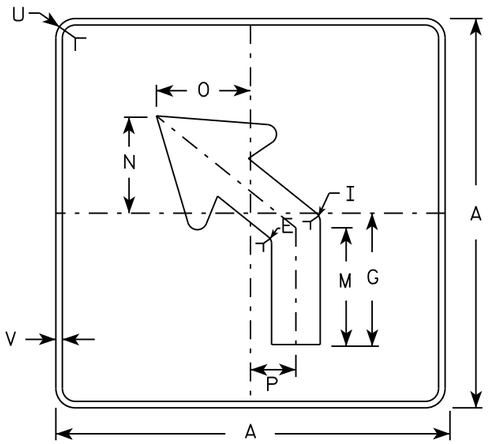
M5-1L
MM5-1L
MO5-1L
MP5-1L



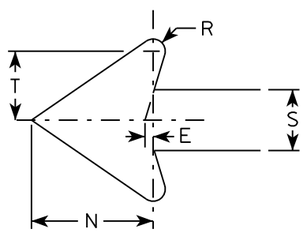
M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L



MB5-2L
MK5-2L
MN5-2L
MR5-2L



NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White - Type H Reflective
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3	1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25

STANDARD SIGN
M5-1 & M5-2

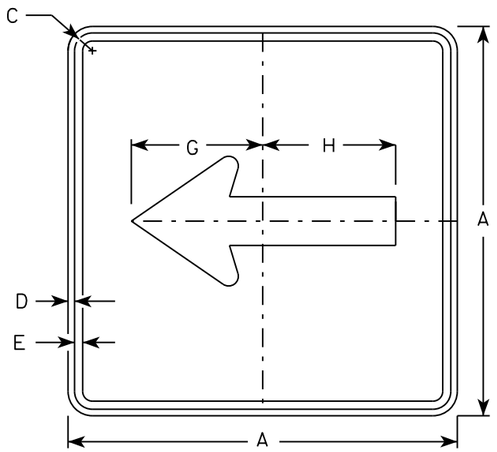
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

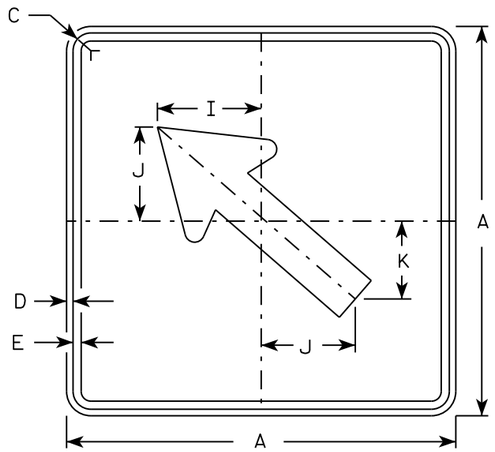
DATE 10/15/15 PLATE NO. M5-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M51.DGN PLOT DATE : 01-DEC-2015 18:07 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



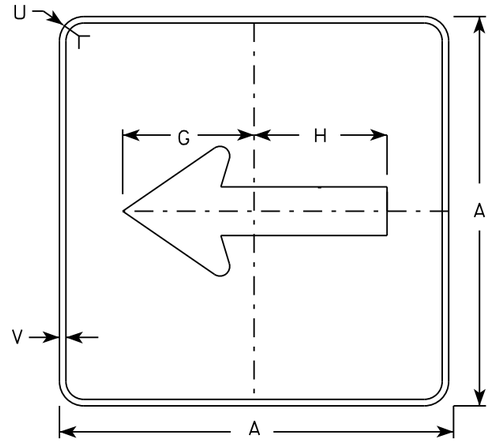
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2

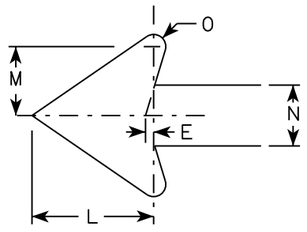
NOTES

1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow



MB6-1
MK6-1
MN6-1
MR6-1

MB6-2
MK6-2
MN6-2
MR6-2



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2						1 1/2	1/2						3.06
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25

STANDARD SIGN
M6-1 & M6-2
SERIES

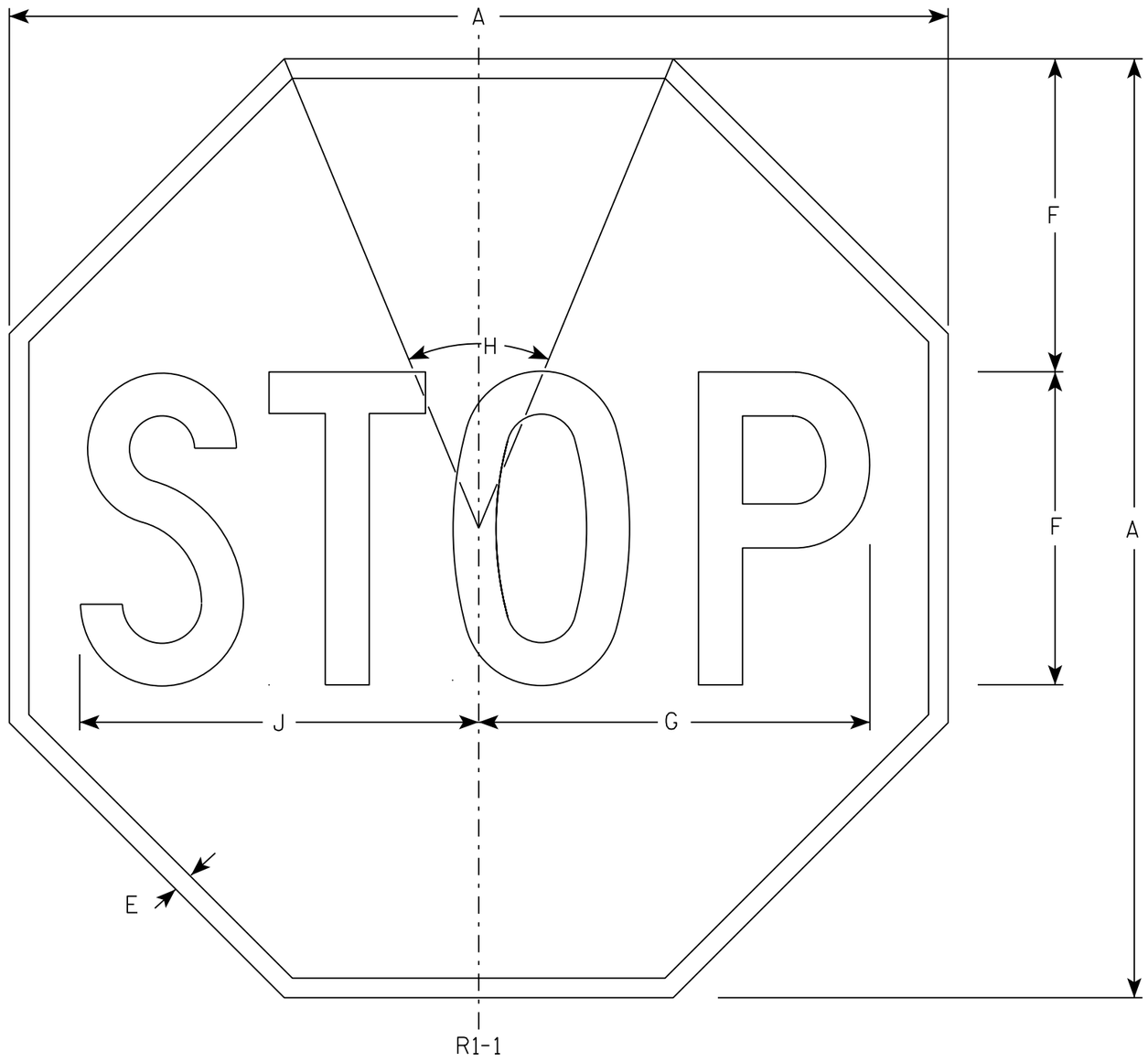
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE 346 M6-1.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M61.DGN PLOT DATE : 01-DEC-2015 17:57 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

STANDARD SIGN

R1-1

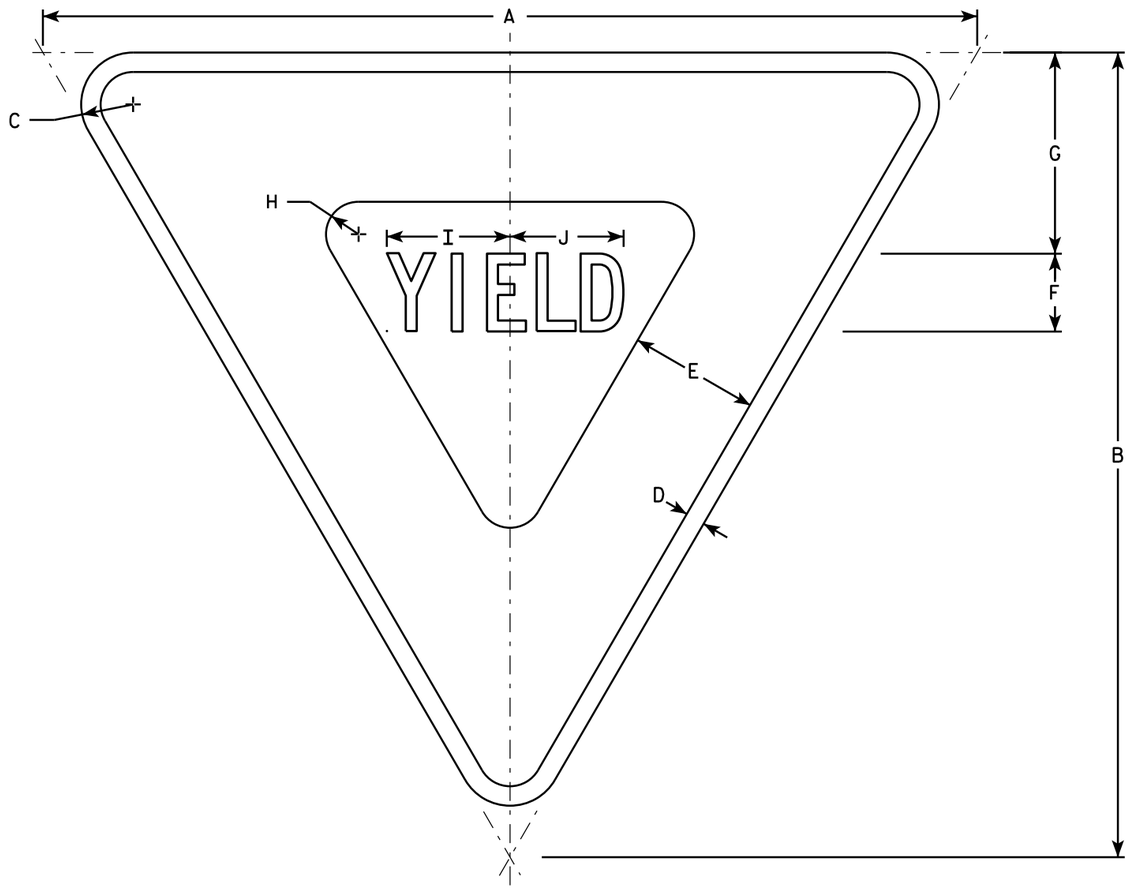
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 347	E



R1-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. The border strip and word message are reflectorized red.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	26	1 1/2	5/8	4	2 1/2	6 3/8	7/8	4	3 5/8																	2.71
2S	36	31	2	3/4	5	3	7 3/4	1 1/4	4 3/4	4 3/8																	3.88
2M	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
3	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
4	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
5	60	52	3	1 1/2	8	5	13	2 1/2	7 7/8	7 1/4																	10.83
6																											
7	18	15 1/2	1	3/8	2 1/2	1 1/2	3 7/8	5/8	2 3/8	2 1/4																	0.97

STANDARD SIGN
R1-2

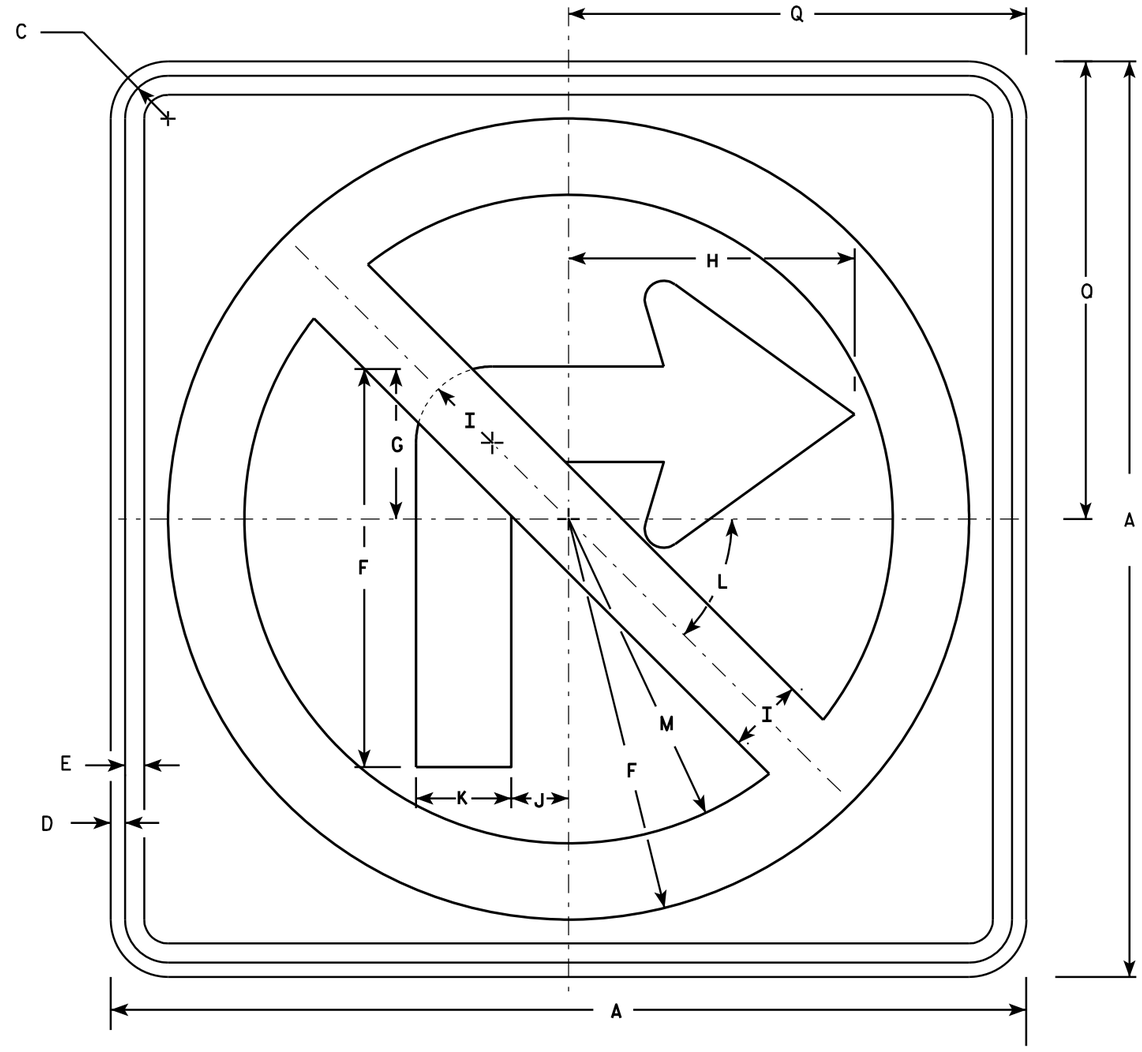
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/13/14 PLATE R1-2.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

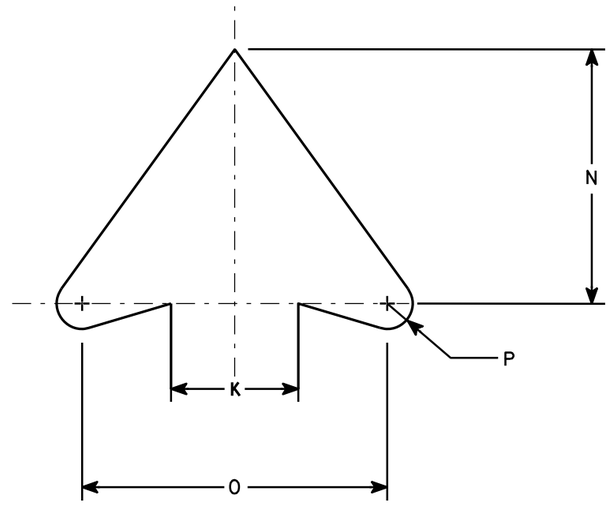
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\R12.DGN PLOT DATE : 13-OCT-2014 15:12 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 5.837526:1.000000
WISDOT/CADDS SHEET 42



R3-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45	8 1/2	5	6	1/2	12										4.0
2S	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2	12										4.0
2M	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4	7 1/2	9	3/4	18										9.0
3	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4	7 1/2	9	3/4	18										9.0
4	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4	18										9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1	24										16.0

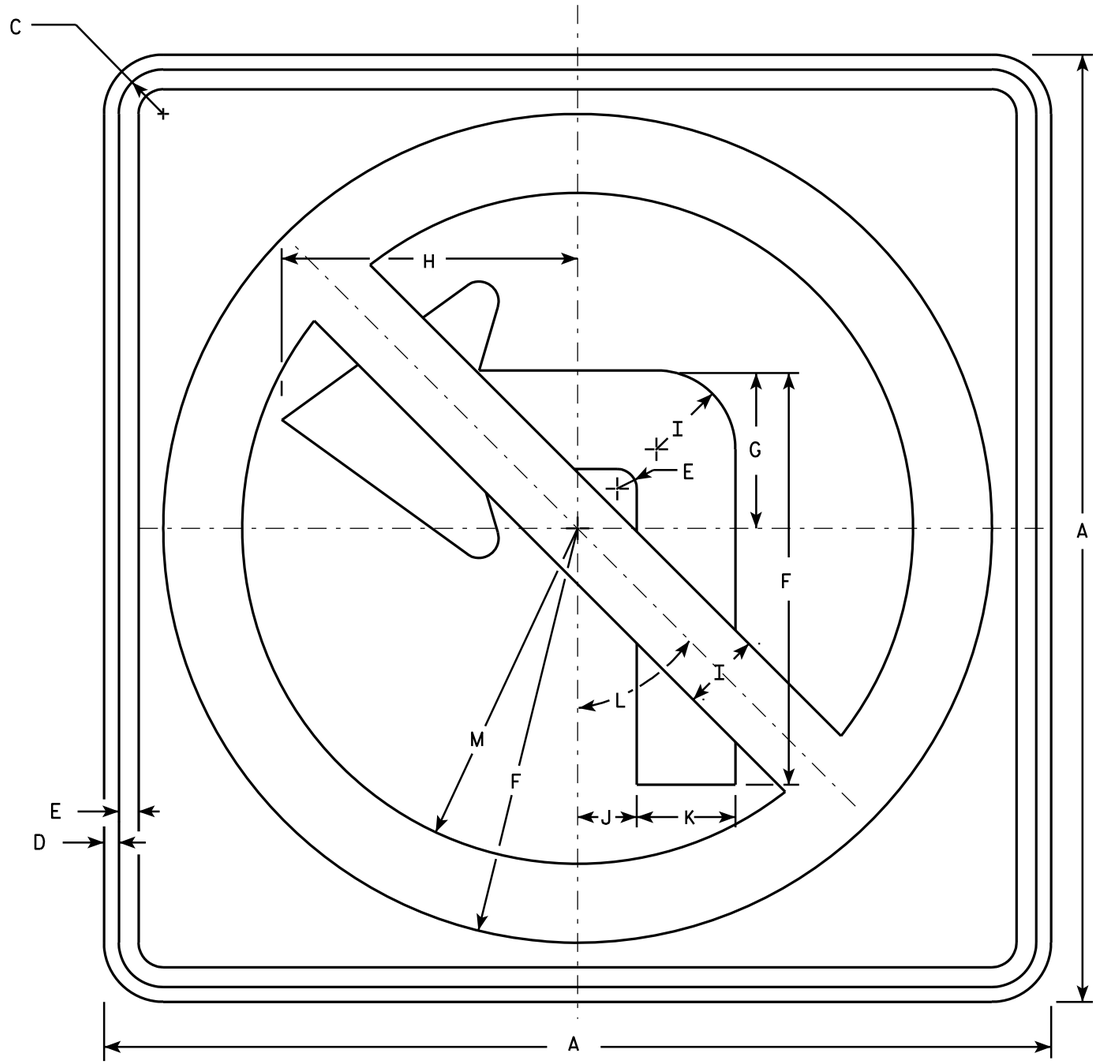
STANDARD SIGN
R3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/08/10 PLATE NO. R3-1.5

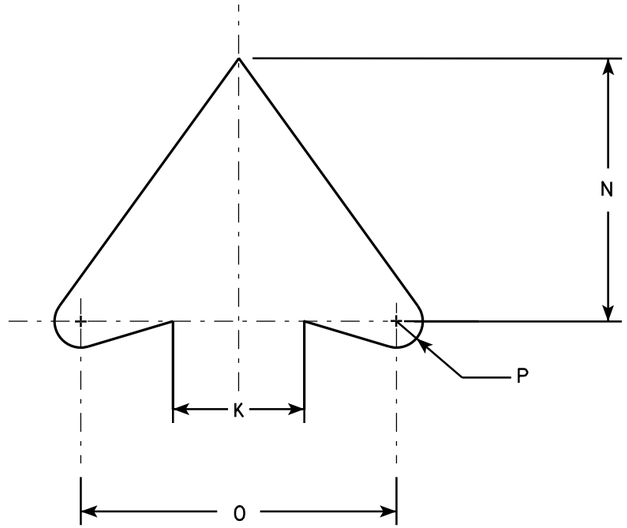
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 349	E



R3-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2S	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2M	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
3	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
4	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1											16.0

STANDARD SIGN
R3-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/08/10 PLATE NO. R3-2.10

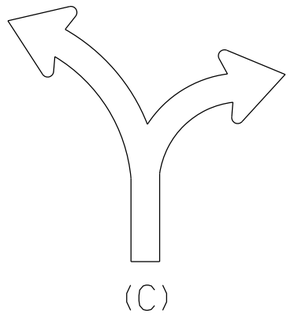
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 350 | E

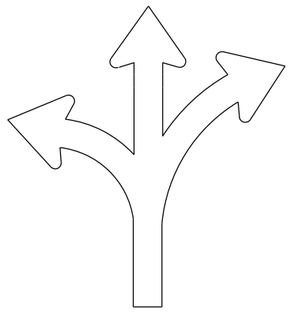


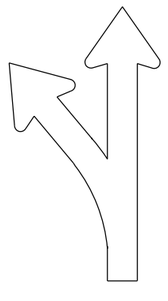
(A)

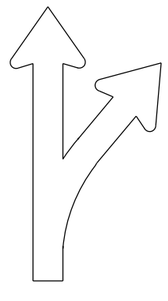


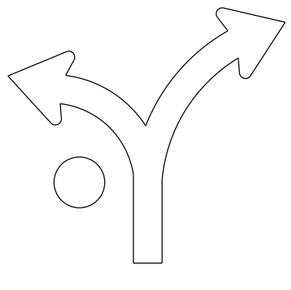
(B)

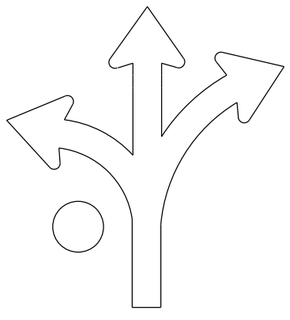

(C)

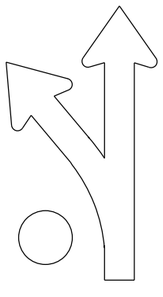

(D)

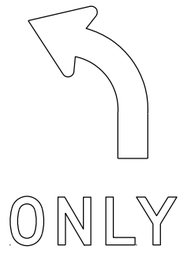

(E)


(F)

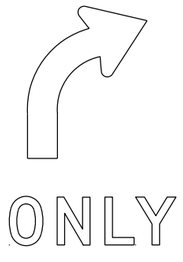

(G)


(H)

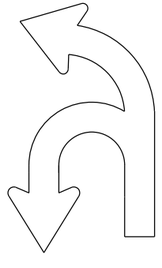

(I)



(L)



(R)


(U)

NOTES

1. Sigs are Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Use appropriate Letter for Sign Code
   Each letter added makes sign wider. Example R3-8EAR
5. Square footage of sign varies by letters

1 Letter =	3.75 sq ft	for Size 2
	6.0 sq ft	for Size 3
	10.0 sq ft	for Size 4 or 5
2 Letters =	7.5 sq ft	for Size 2
	12.0 sq ft	for Size 3
	20.0 sq ft	for Size 4 or 5
3 Letters =	11.25 sq ft	for Size 2
	18.0 sq ft	for Size 3
	30.0 sq ft	for Size 4 or 5
4 Letters =	15.0 sq ft	for Size 2
	24.0 sq ft	for Size 3
	40.0 sq ft	for Size 4 or 5
5 Letters =	18.75 sq ft	for Size 2
	30.0 sq ft	for Size 3
	50.0 sq ft	for Size 4 or 5
6 Letters =	22.5 sq ft	for Size 2
	36.0 sq ft	for Size 3
	60.0 sq ft	for Size 4 or 5

6. When letters C,D,G,H are used on the Left or Right end of the sign the Sq. Ft. changes.
   Add the amounts when these letters are used:
   1.25 sq ft for Size 2
   1.5 sq ft for Size 3
   2.0 sq ft for Size 4 or 5

STANDARD SIGN
R3-8 Series

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

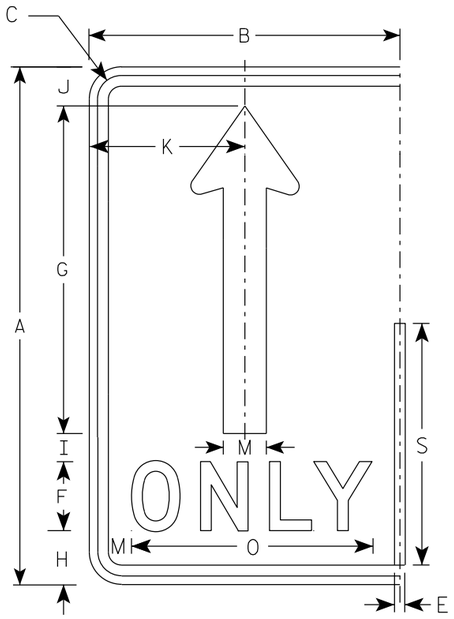
PROJECT NO:

SHEET NO: 351 E

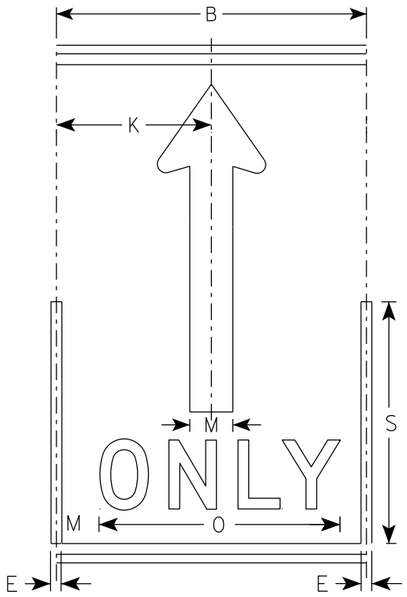
7

NOTES

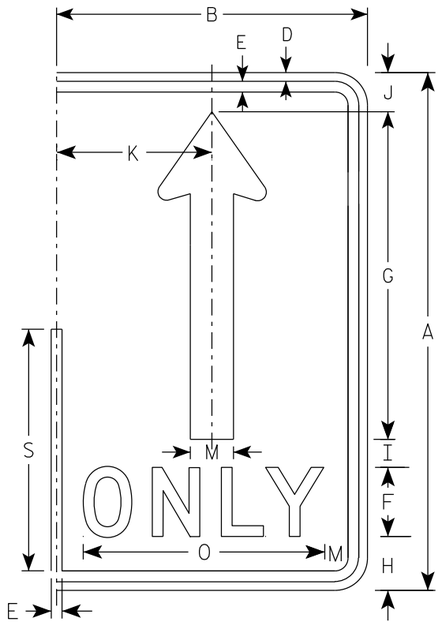
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



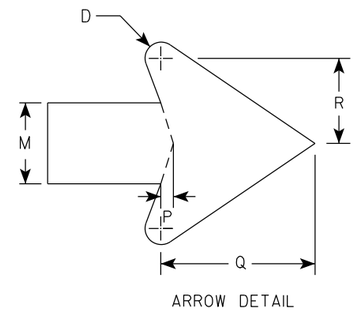
(A)



(A)



(A)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8	4	19	3 1/8	1 5/8	2 1/4	9		2 1/2		14	3/8	4 3/4	2 5/8	14								3.75
2M	30	18	1 3/8	1/2	5/8	4	19	3 1/8	1 5/8	2 1/4	9		2 1/2		14	3/8	4 3/4	2 5/8	14								3.75
3	36	24	1 3/8	1/2	5/8	5	22 3/4	3 3/4	1 3/4	2 3/4	12		3		17 5/8	1/2	5 3/4	3 1/8	16 3/4								6.0
4	48	30	2 1/4	3/4	1	6	30 3/8	5 1/8	2 7/8	3 5/8	15		4		21 3/4	5/8	7 5/8	4 1/4	22 3/8								10.0
5	48	30	2 1/4	3/4	1	6	30 3/8	5 1/8	2 7/8	3 5/8	15		4		21 3/4	5/8	7 5/8	4 1/4	22 3/8								10.0

STANDARD SIGN
R3-8 (A) Arrow

WISCONSIN DEPT OF TRANSPORTATION

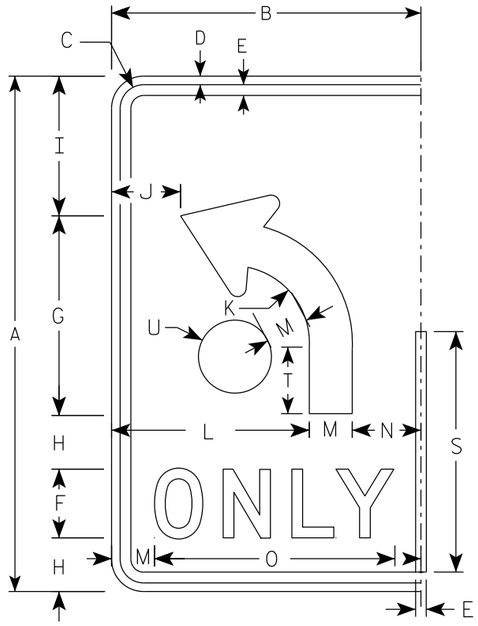
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

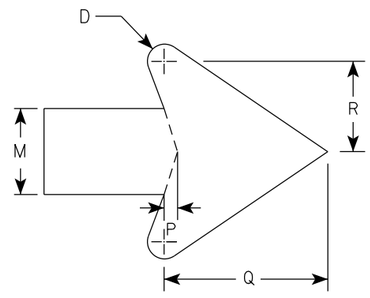
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 352 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
   Message Series - D



(B)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8	2 1/8						3.75
2M	30	18	1 3/8	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8	2 1/8						3.75
3	36	24	1 3/8	1/2	5/8	5	14	3 1/2	9 3/4	6	5 3/8	15	3	6	17 5/8	1/2	5 3/4	3 1/8	16 3/4	4 5/8	2 1/2						6.0
4	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4	3 3/8						10.0
5	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4	3 3/8						10.0

STANDARD SIGN

R3-8 (B) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

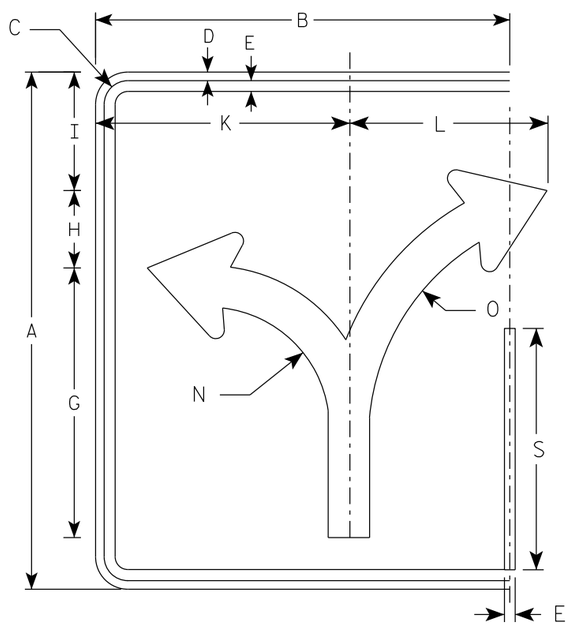
DATE 5/21/19 PLATE NO. R3-8.1

PROJECT NO:

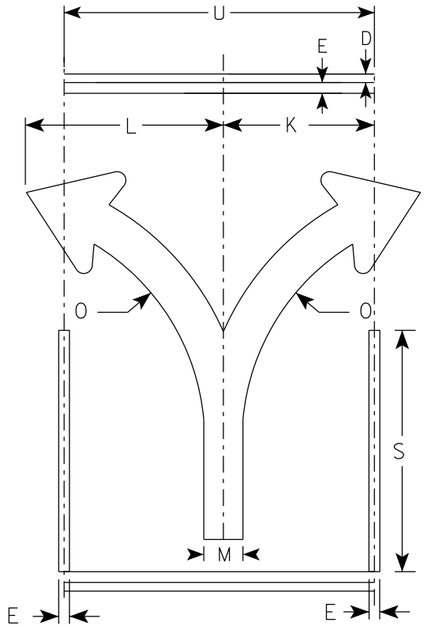
SHEET NO: 353 E

NOTES

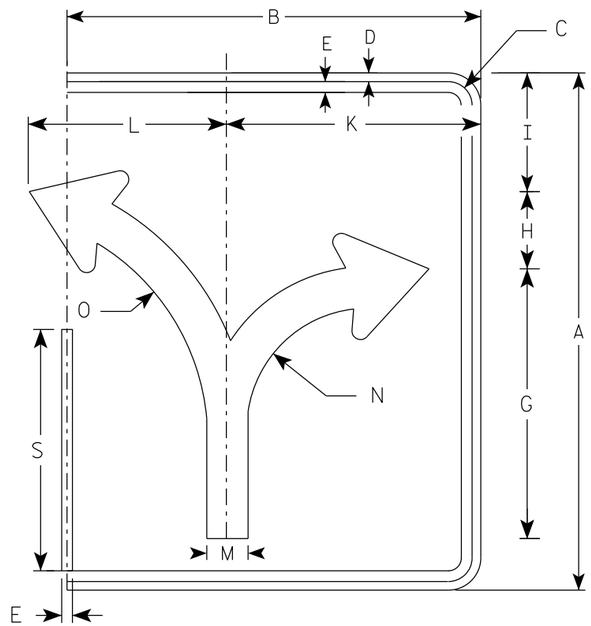
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



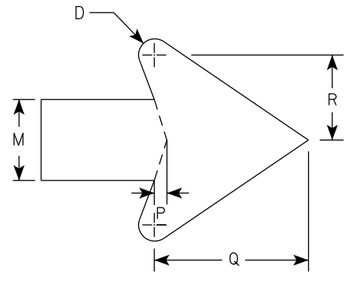
(C)



(C)



(C)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	ENDS Area sq. ft.	MIDDLE Area sq. ft.
1																												
2S	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
2M	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
3	36	30	1 3/8	1/2	5/8		18 3/4	5 1/2	8 1/4		17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		24						7.5	6.0
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0

STANDARD SIGN
R3-8 (C) Arrow

WISCONSIN DEPT OF TRANSPORTATION

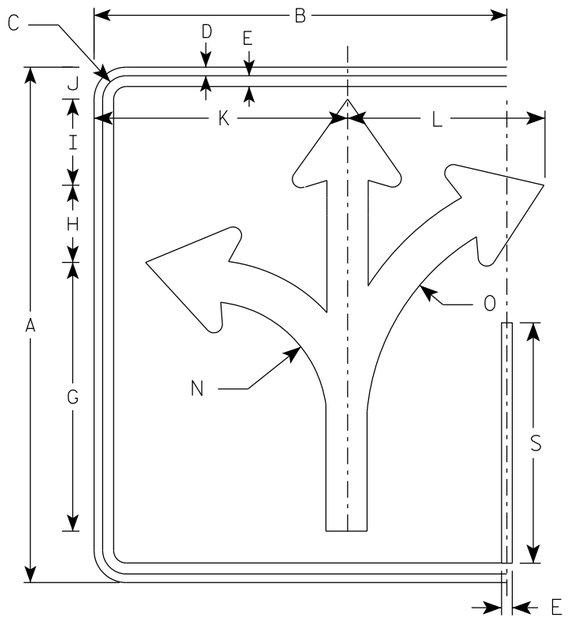
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

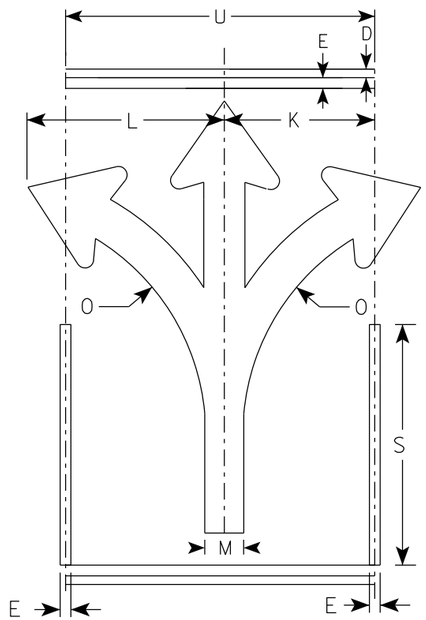
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 354 | E

NOTES

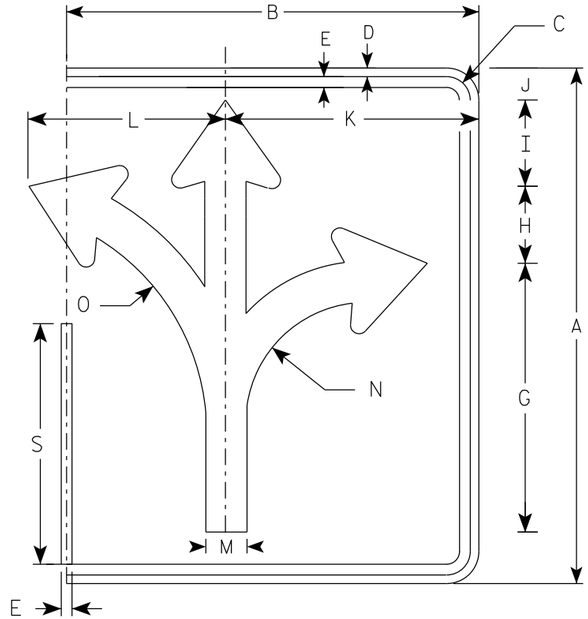
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



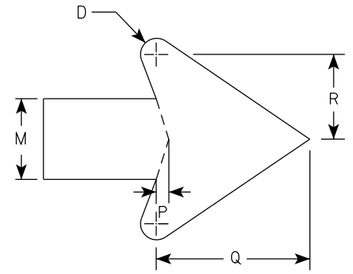
(D)



(D)



(D)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	ENDS Area sq. ft.	MIDDLE Area sq. ft.
1																												
2S	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
2M	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
3	36	30	1 3/8	1/2	5/8		18 3/4	5 1/2	6	2 1/4	17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		24						7.5	6.0
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0

STANDARD SIGN
R3-8 (D) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

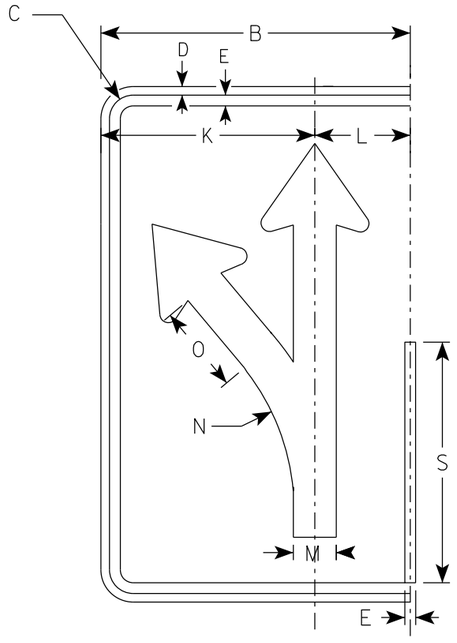
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 355 | E

7

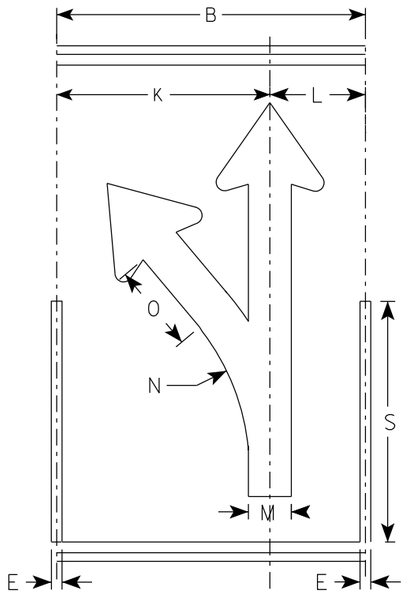
7

NOTES

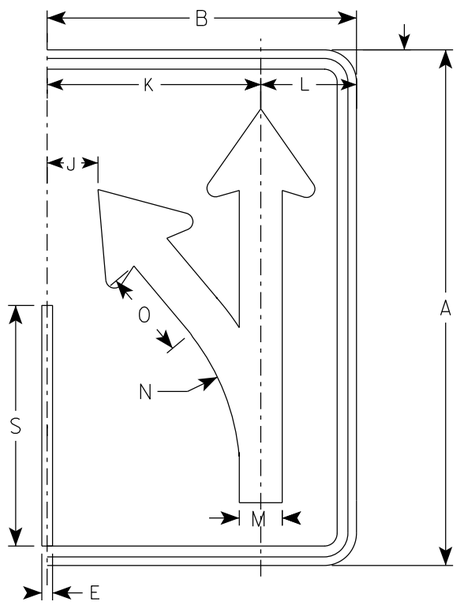
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



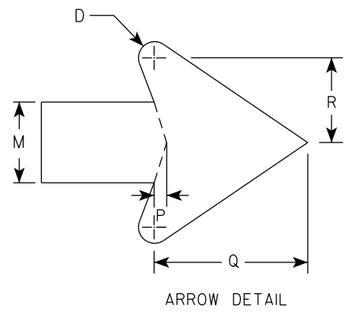
(E)



(E)



(E)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
2M	30	18	1 3/8	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
3	36	24	1 3/8	1/2	5/8		21 7/8	5 5/8	4	4 7/8	16 1/8	7 3/4	3	15 7/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4								6.0
4	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0
5	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0

STANDARD SIGN
R3-8 (E) Arrow

WISCONSIN DEPT OF TRANSPORTATION

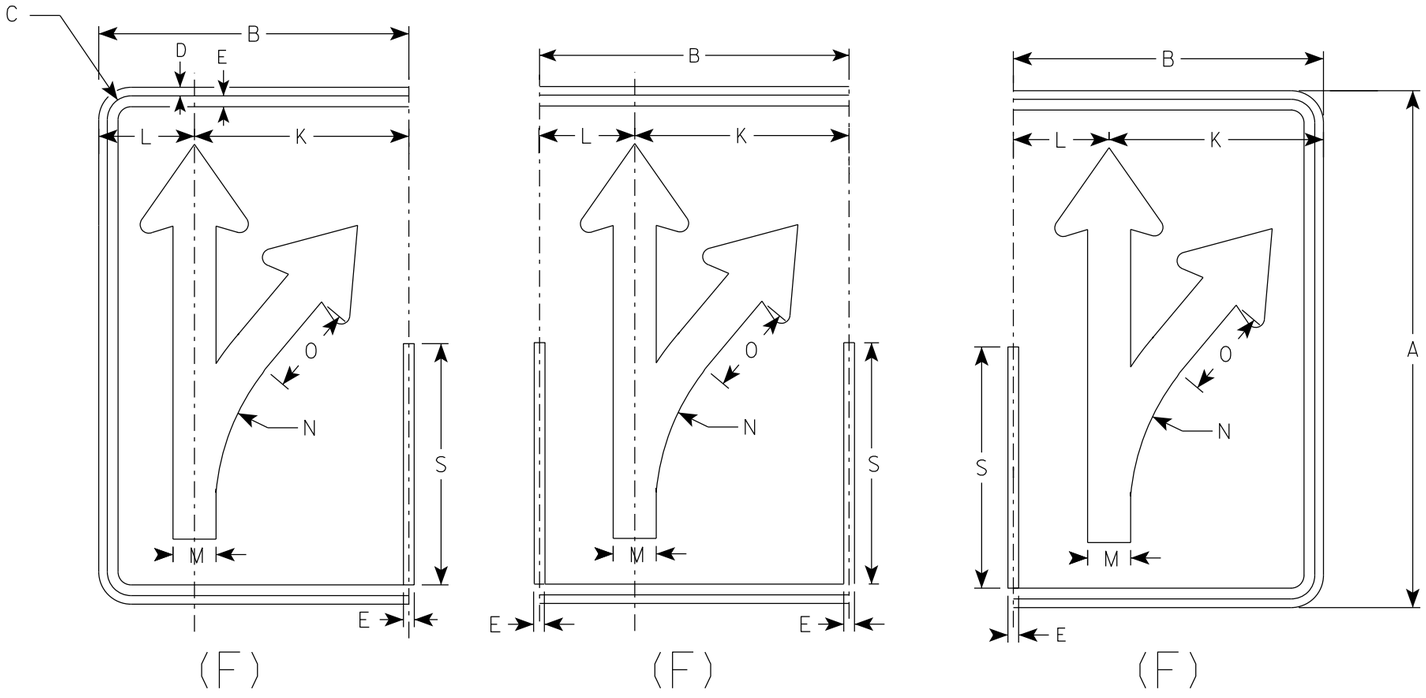
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

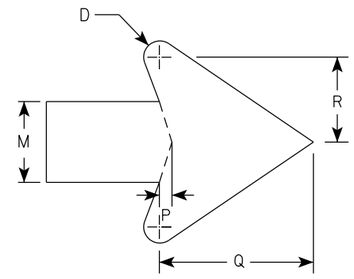
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 356 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(F) (F) (F)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
2M	30	18	1 3/8	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
3	36	24	1 3/8	1/2	5/8		21 7/8	5 5/8	4	4 7/8	16 1/8	7 3/4	3	15 7/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4								6.0
4	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0
5	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0

STANDARD SIGN
R3-8 (F) Arrow

WISCONSIN DEPT OF TRANSPORTATION

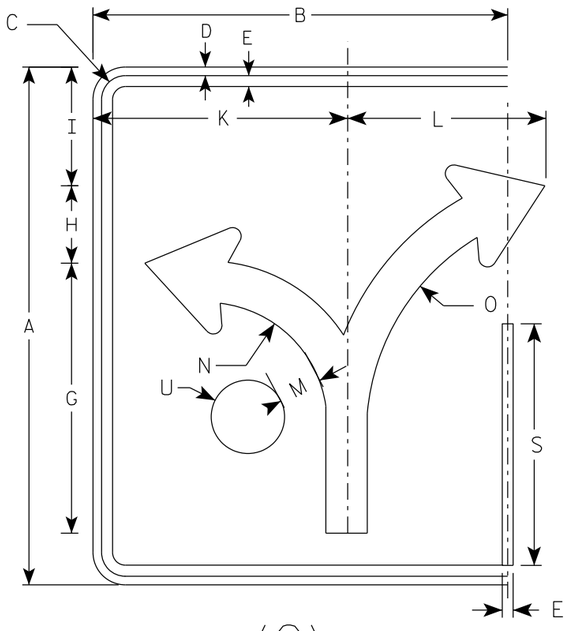
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

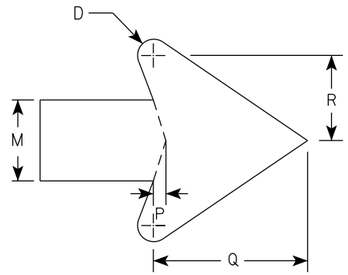
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 357 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(G)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
2M	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
3	36	30	1 3/8	1/2	5/8		18 3/4	5 1/2	8 1/4		17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		2 1/2						7.5
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0

STANDARD SIGN
R3-8 (G) Arrow

WISCONSIN DEPT OF TRANSPORTATION

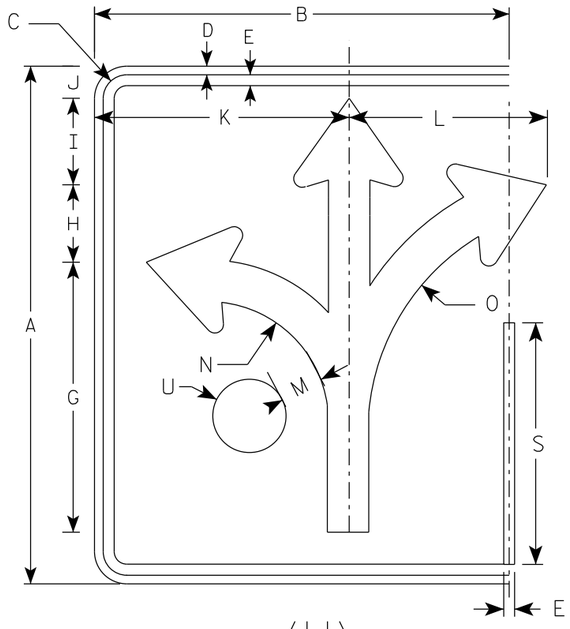
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

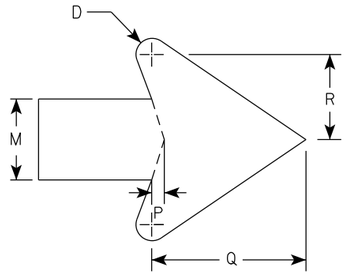
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 358 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(H)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
2M	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
3	36	30	1 3/8	1/2	5/8		18 3/4	5 1/2	6	3 1/8	17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		2 1/2						7.5
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0

STANDARD SIGN
R3-8 (H) Arrow

WISCONSIN DEPT OF TRANSPORTATION

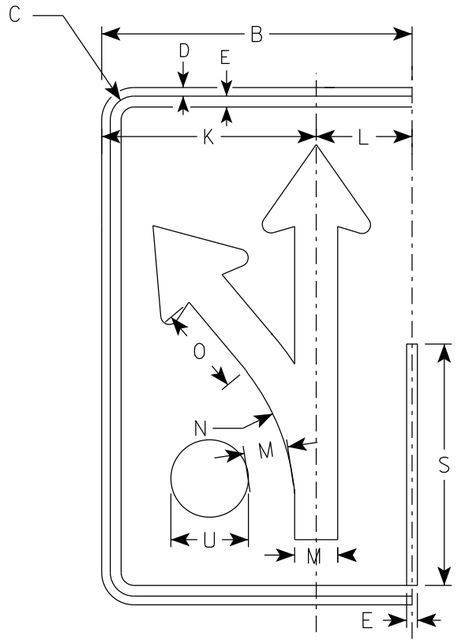
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

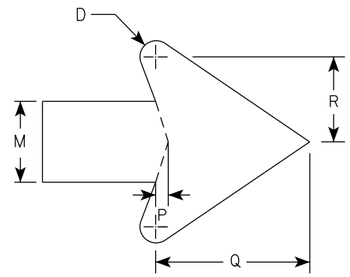
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 359	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(I)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14		2 1/8						3.75
2M	30	18	1 3/8	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14		2 1/8						3.75
3	36	24	1 3/8	1/2	5/8		21 7/8	5 5/8	4	4 7/8	16 1/8	7 3/4	3	15 7/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4		2 1/2						6.0
4	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8		3 3/8						10.0
5	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8		3 3/8						10.0

STANDARD SIGN
R3-8 (I) Arrow

WISCONSIN DEPT OF TRANSPORTATION

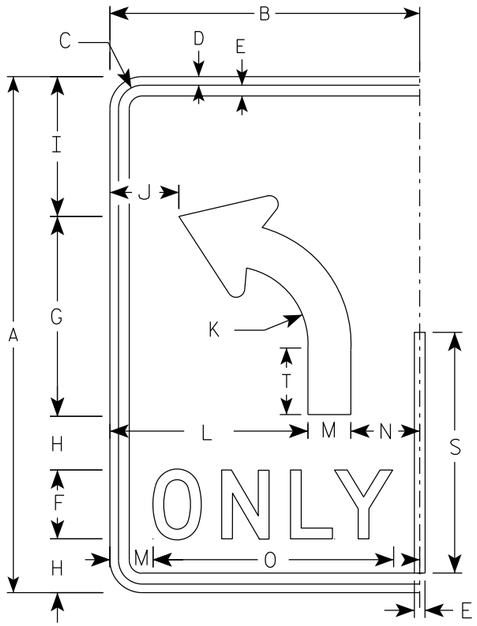
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

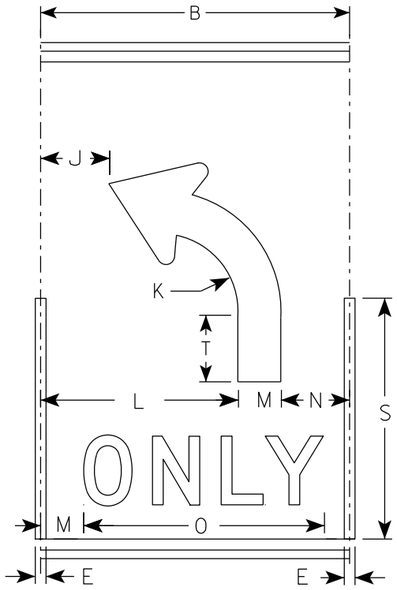
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 360 | E

NOTES

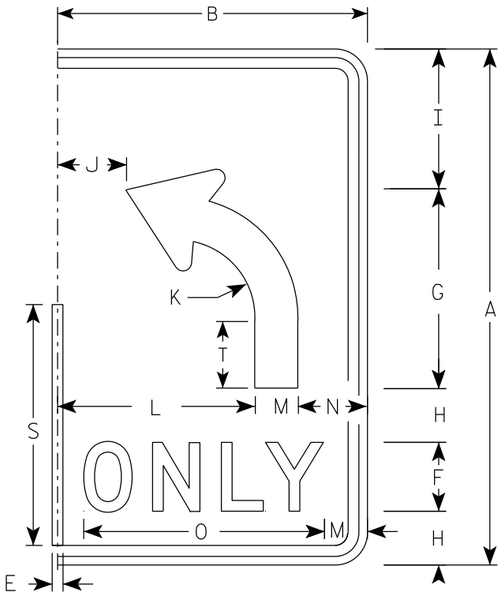
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



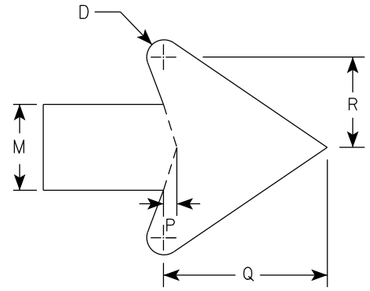
(L)



(L)



(L)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
2M	30	18	1 3/8	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
3	36	24	1 3/8	1/2	5/8	5	14	3 1/2	9 3/4		5 3/8	15	3	6	17 5/8	1/2	5 3/4	3 1/8	16 3/4	4 5/8							6.0
4	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0
5	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0

STANDARD SIGN

R3-8 (L) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

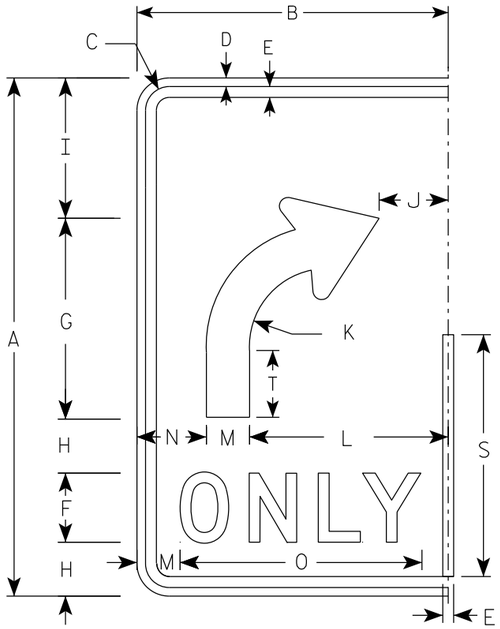
DATE 5/21/19 PLATE NO. R3-8.1

PROJECT NO:

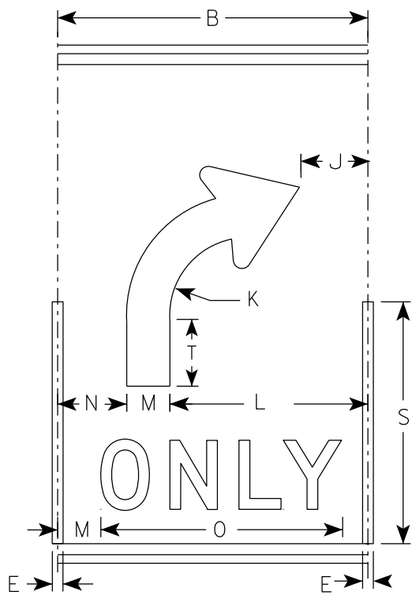
SHEET NO: 361 E

NOTES

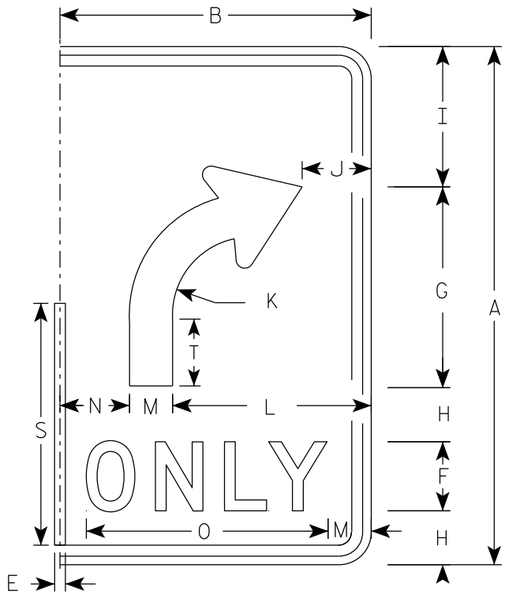
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



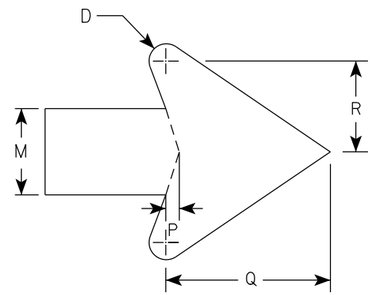
(R)



(R)



(R)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
2M	30	18	1 3/8	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
3	36	24	1 3/8	1/2	5/8	5	14	3 1/2	9 3/4	6	5 3/8	15	3	6	17 5/8	1/2	5 3/4	3 1/8	16 3/4	4 5/8							6.0
4	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0
5	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0

STANDARD SIGN

R3-8 (R) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

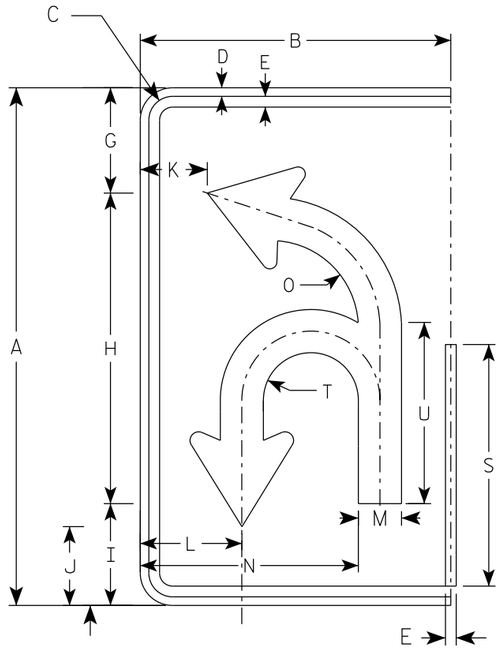
DATE 5/21/19 PLATE NO. R3-8.1

PROJECT NO:

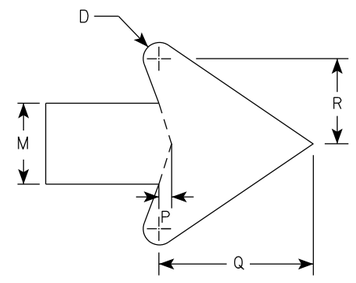
SHEET NO: 362 E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(U)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8		6 1/8	18	5 7/8	4 5/8	3 7/8	5 7/8	2 1/2	12 5/8	5 1/8	3/8	4 3/4	2 5/8	14	2 3/4	10 1/2						3.75
2M	30	18	1 3/8	1/2	5/8		6 1/8	18	5 7/8	4 5/8	3 7/8	5 7/8	2 1/2	12 5/8	5 1/8	3/8	4 3/4	2 5/8	14	2 3/4	10 1/2						3.75
3	36	24	1 3/8	1/2	5/8		21 7/8	21 5/8	7 1/8	5 1/2	5 7/8	8 1/4	3	16 3/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4	3 1/4	12 5/8						6.0
4	48	30	2 1/4	3/4	1		29 1/8	28 3/4	9 3/8	7 1/4	6 7/8	10	4	20 7/8	8 1/8	5/8	7 5/8	4 1/4	22 3/8	4 3/8	16 3/4						10.0
5	48	30	2 1/4	3/4	1		29 1/8	28 3/4	9 3/8	7 1/4	6 7/8	10	4	20 7/8	8 1/8	5/8	7 5/8	4 1/4	22 3/8	4 3/8	16 3/4						10.0

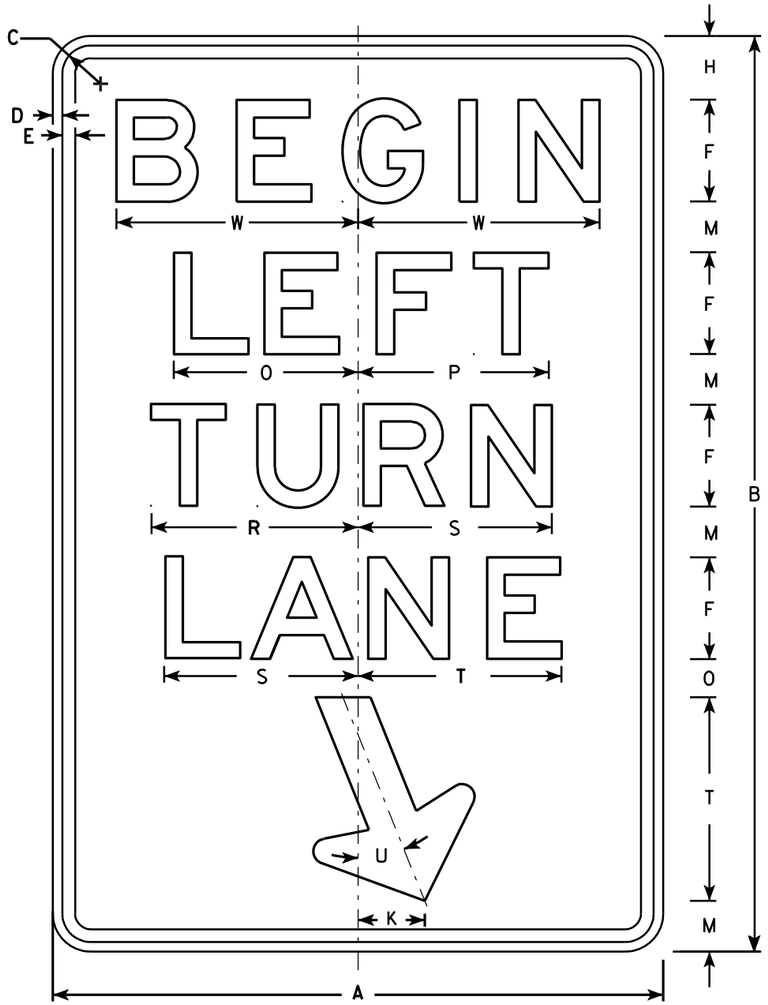
STANDARD SIGN
R3-8 (U) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

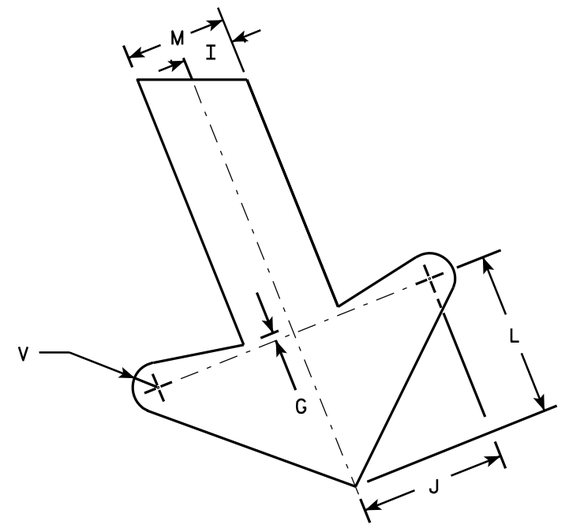
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 363 | E



R3-20L

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 3/4	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	10 7/8	11 1/4		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

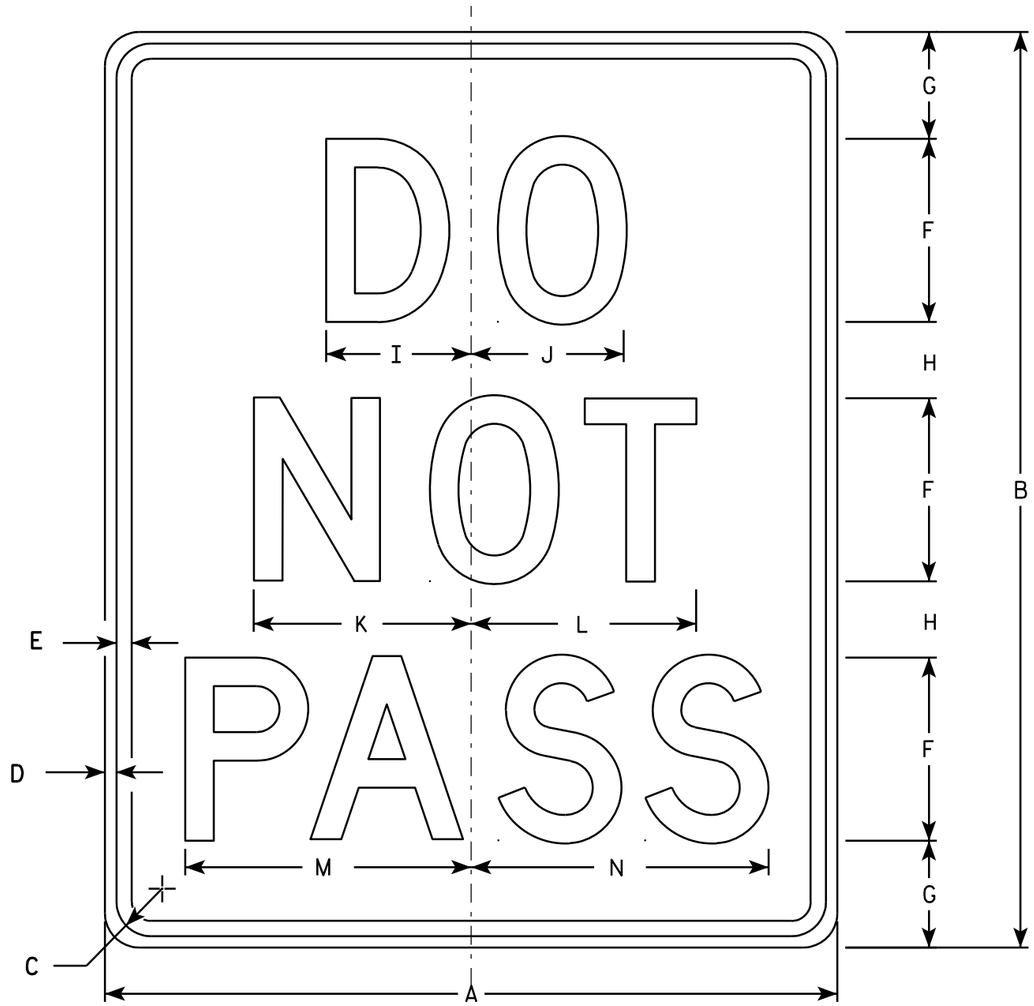
STANDARD SIGN
R3-20L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/18/10 PLATE NO. R3-20L.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 364 | E



R4-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	4	3 1/2	2 1/2	3 1/8	3 1/4	4 3/4	4 7/8	6 1/4	6 1/2													3.0
2S	24	30	1 1/8	3/8	1/2	6	3 1/2	2 1/2	4 3/4	5	7 1/8	7 3/8	9 3/8	9 3/4													5.0
2M	24	30	1 1/8	3/8	1/2	6	3 1/2	2 1/2	4 3/4	5	7 1/8	7 3/8	9 3/8	9 3/4													5.0
3																											
4	36	48	1 5/8	5/8	3/4	8	7	5	6 1/4	6 5/8	9 1/2	9 3/4	12 1/2	13													12.0
5	48	60	2 1/4	3/4	1	10	8	7	7 3/4	8 3/8	11 7/8	12 1/4	15 5/8	16 1/4													20.0

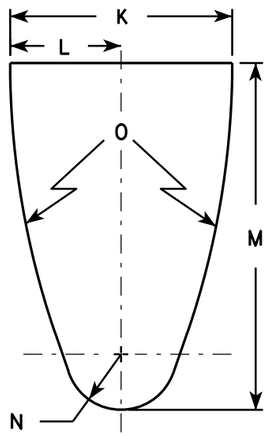
STANDARD SIGN
R4-1

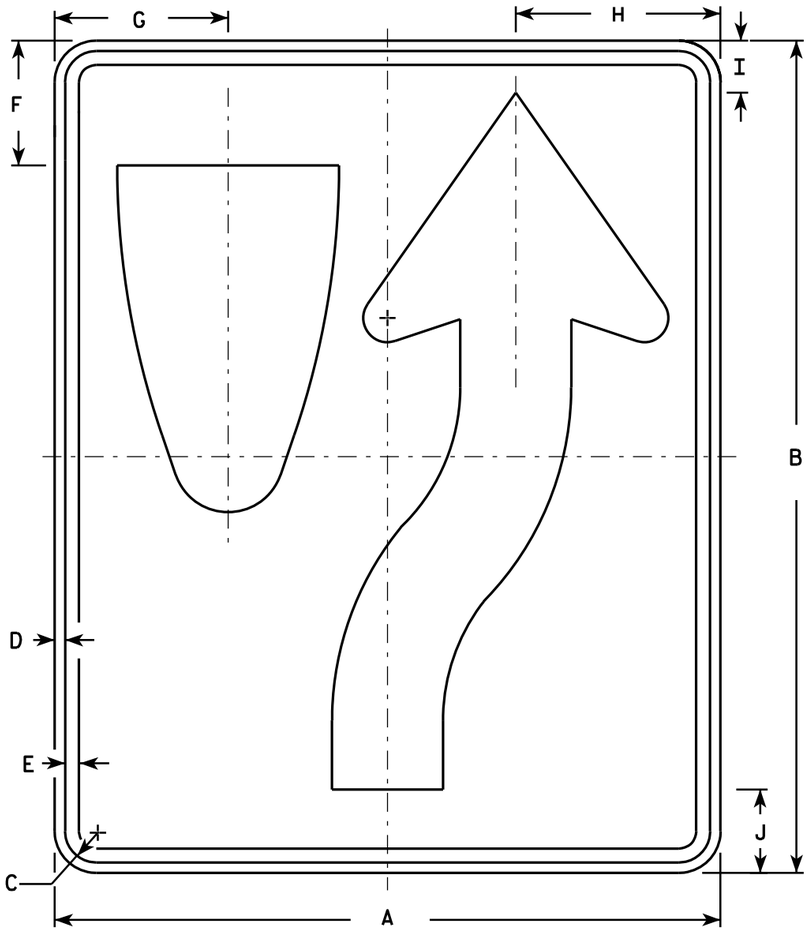
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-1.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 365 | E

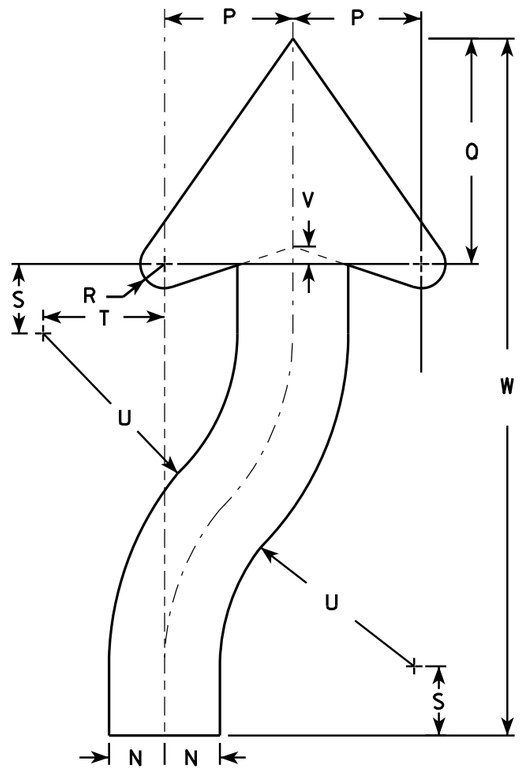




R4-7

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. material is plywood but borders shall be rounded
2. Color:
   Background - White
   Message - Black
3. Corners may be square or rounded when base as shown. When base material is metal, the corners and borders shall be rounded.
4. R4-8 is the same as R4-7 except Legend is reversed.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	2 1/4	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

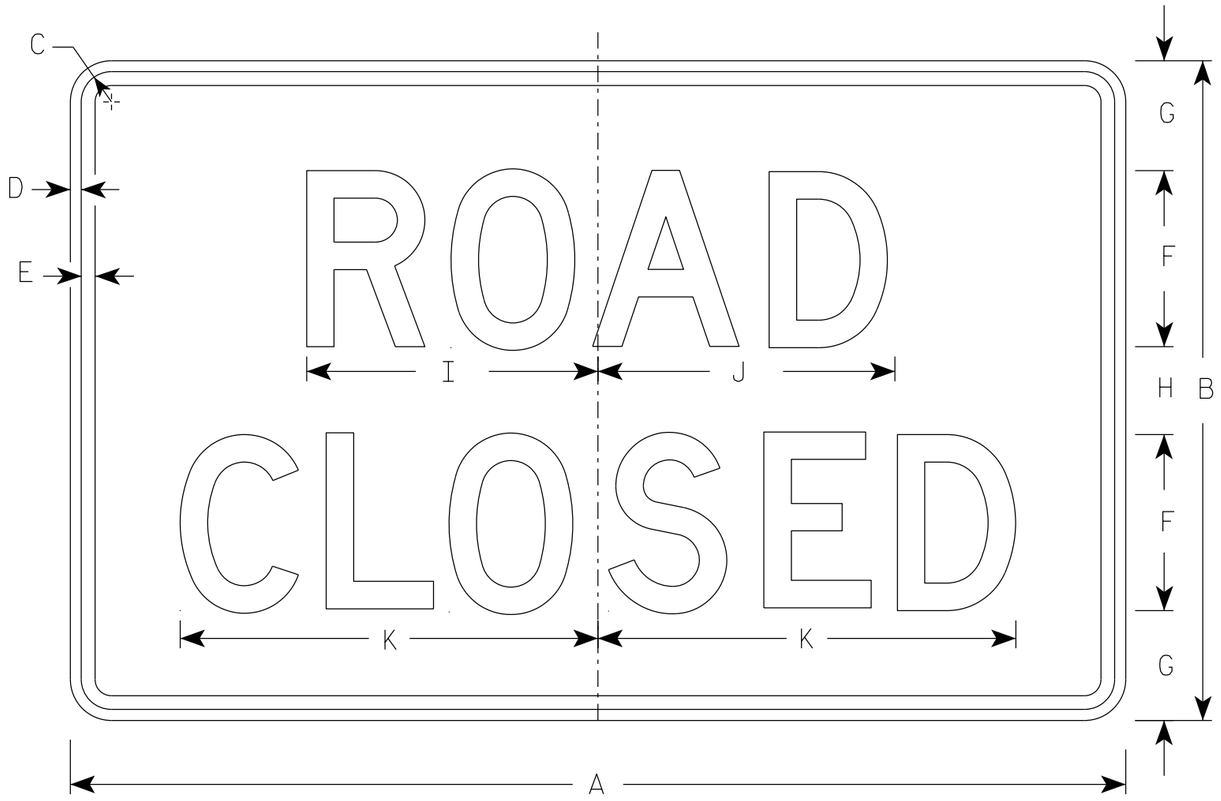
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-7.8

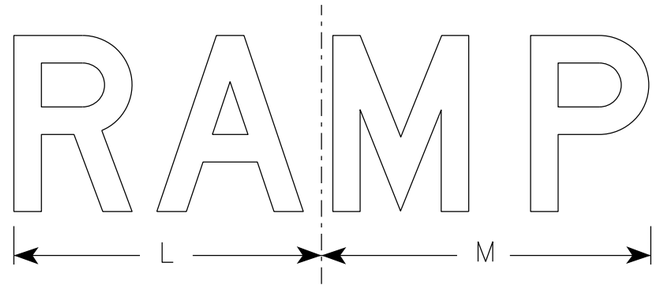
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 366	E



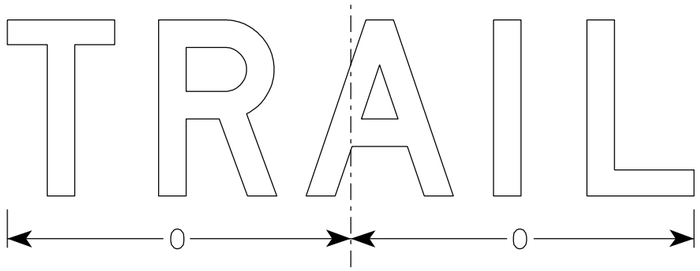
R11-2

NOTES

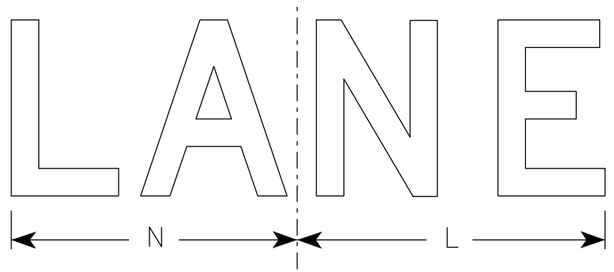
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



R11-2R



R11-2T



R11-2L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
2M	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
3	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
4	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
5	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0

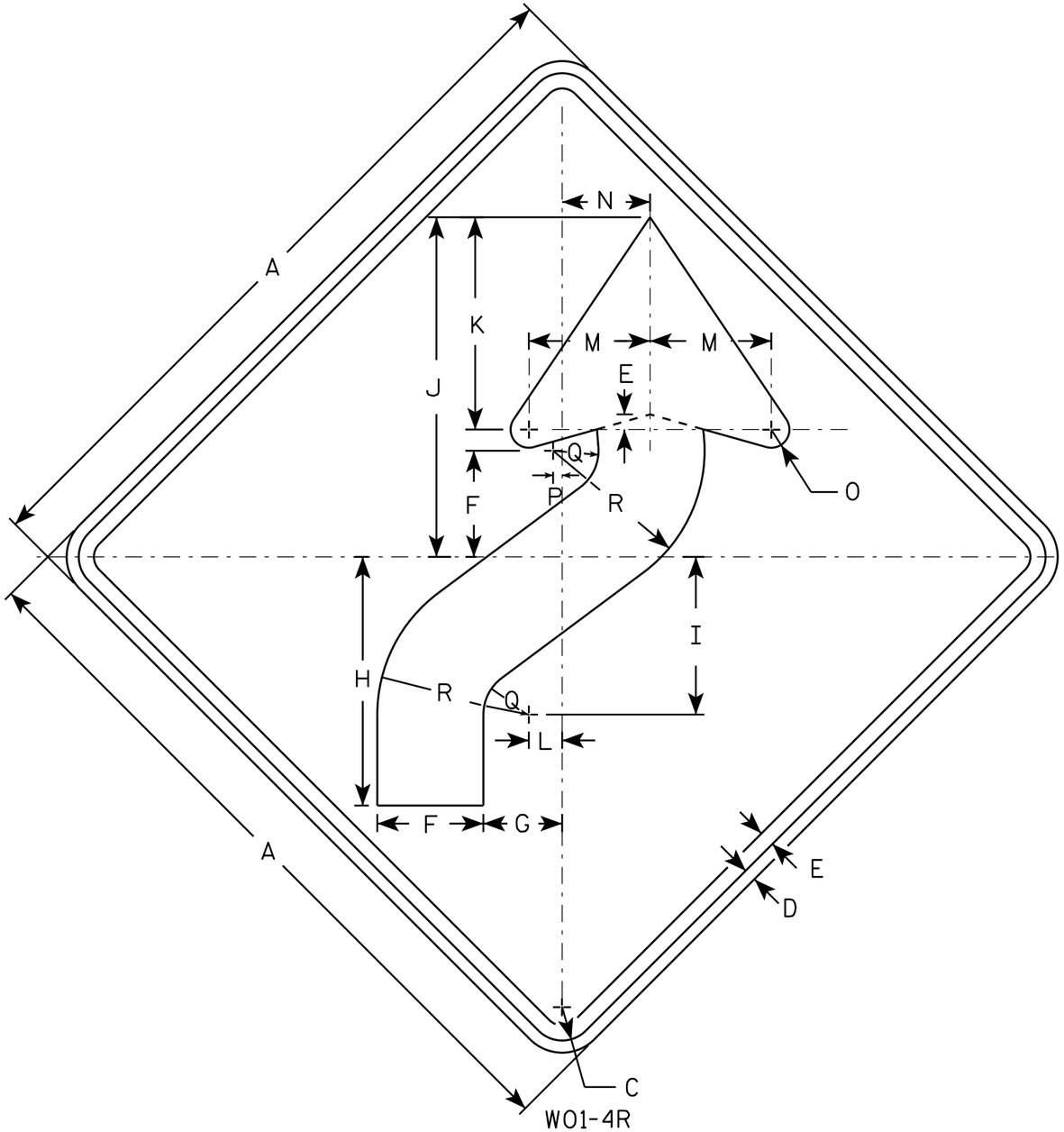
STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/29/2021 PLATE NO. R11-2.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 367	E



W01-4R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W01-4L is the same as W01-4R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
2S	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
2M	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
3	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
4	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
5	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0

STANDARD SIGN
W01-4

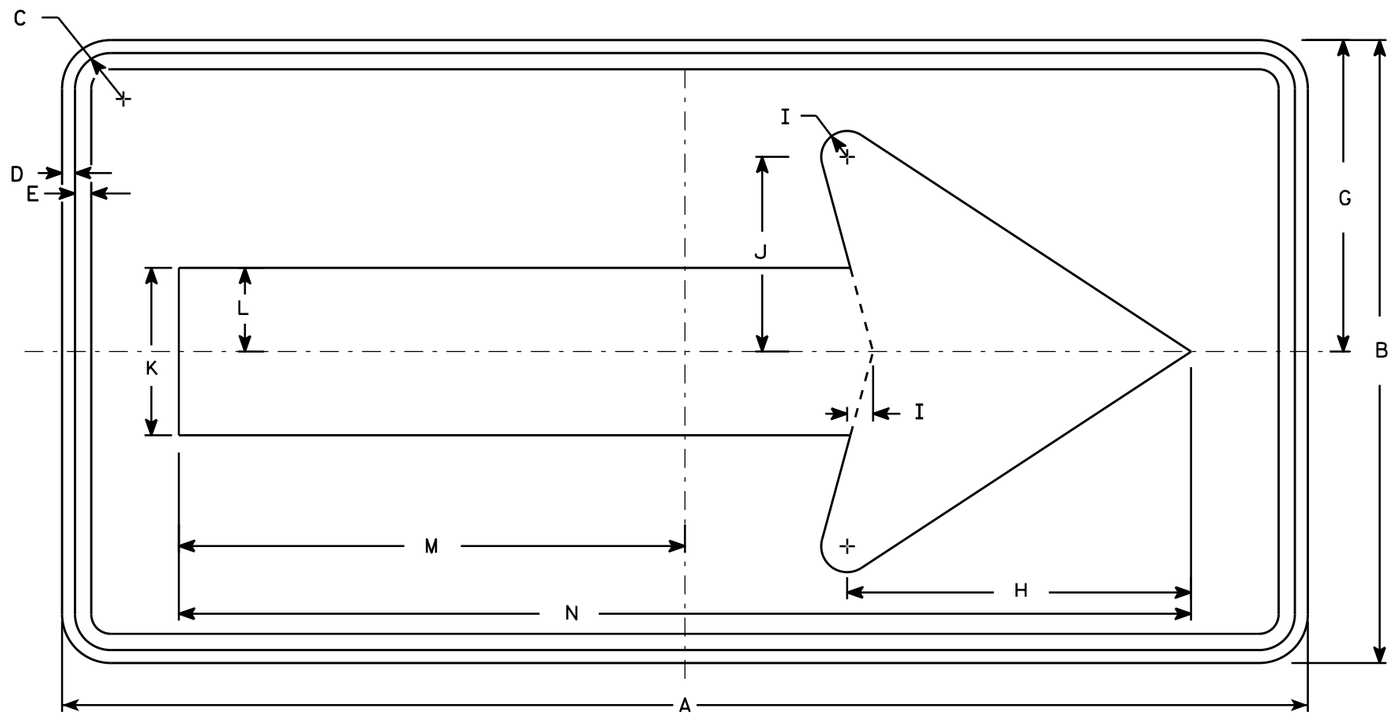
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/18/13 PLATE NO W01-4.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W014.DGN PLOT DATE : 28-FEB-2014 11:35 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 6.755110:1.000000 WISDOT/CADDS SHEET 42



W01-6

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5

STANDARD SIGN
W01-6

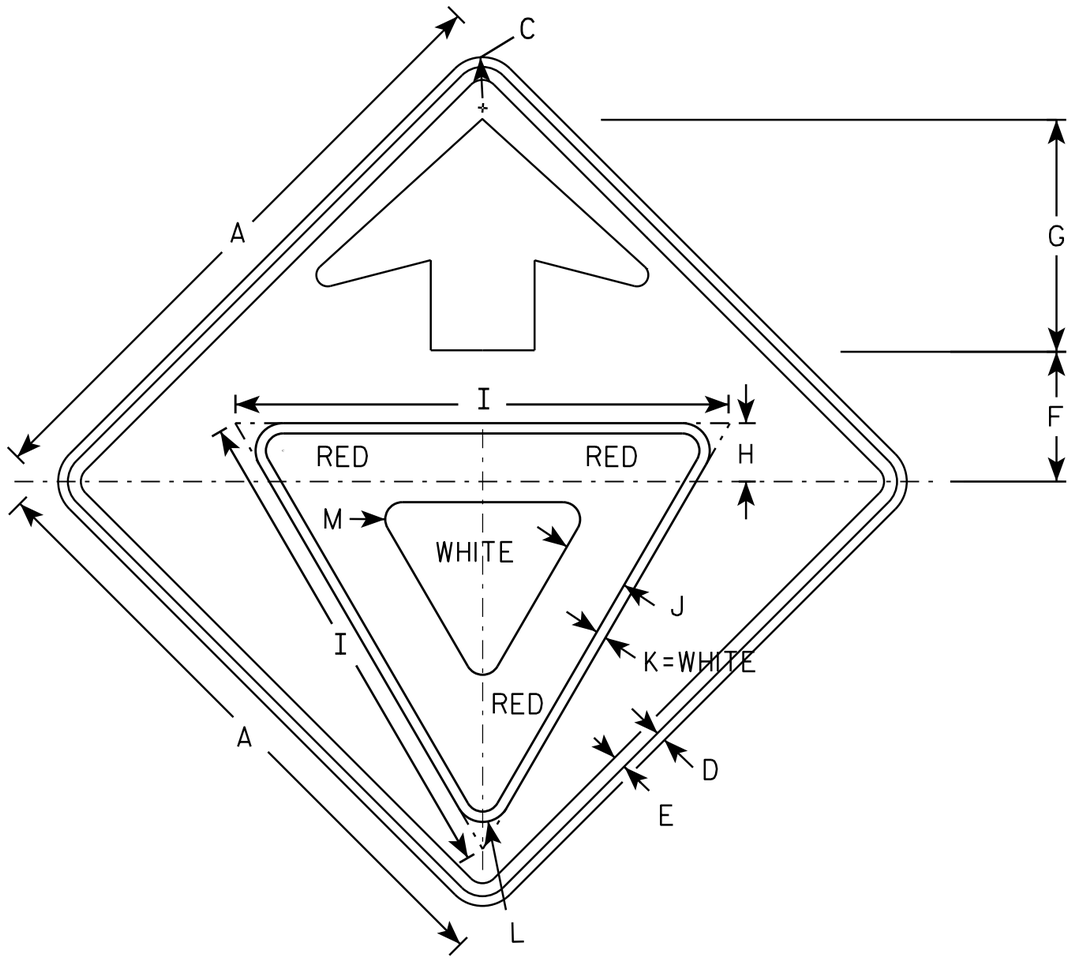
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/18/13 PLATE NO. W01-6.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

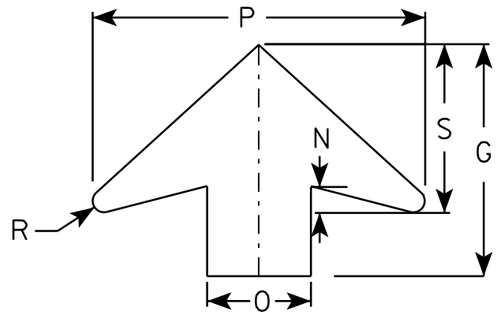
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W016.DGN PLOT DATE : 28-FEB-2014 11:37 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 5.837526:1.000000 WISDOT/CADDS SHEET 42



W03-2

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - ORANGE
   Arrow & Border - BLACK
   Yield Symbol - WHITE BORDER ON RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
2S	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
2M	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
3	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0

STANDARD SIGN
W03-2

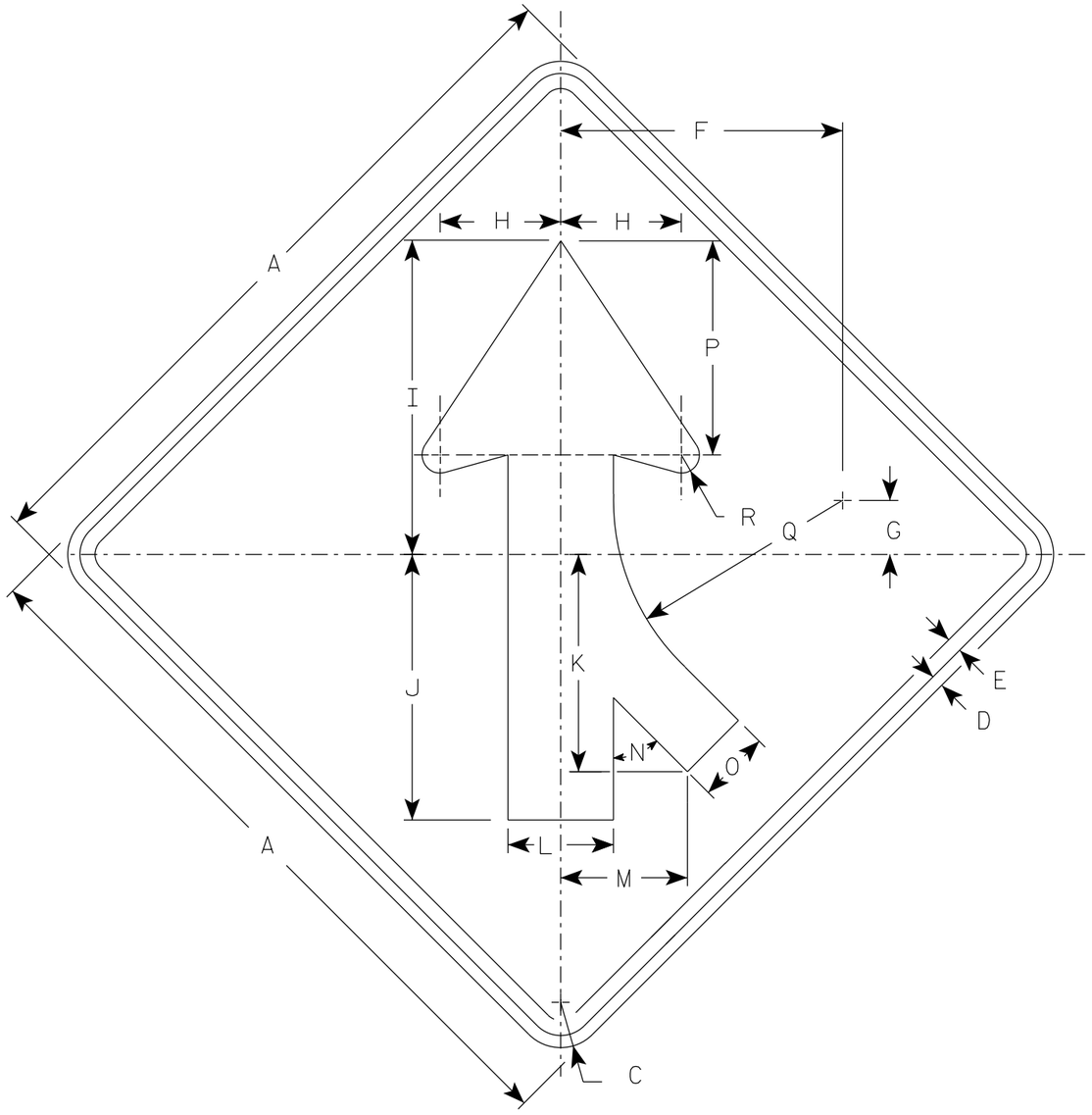
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE W03-2.1

PROJECT NO:

SHEET NO: E



W04-1R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W04-1L is the same as W04-1R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
2S	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
2M	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
3	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
4	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
5	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0

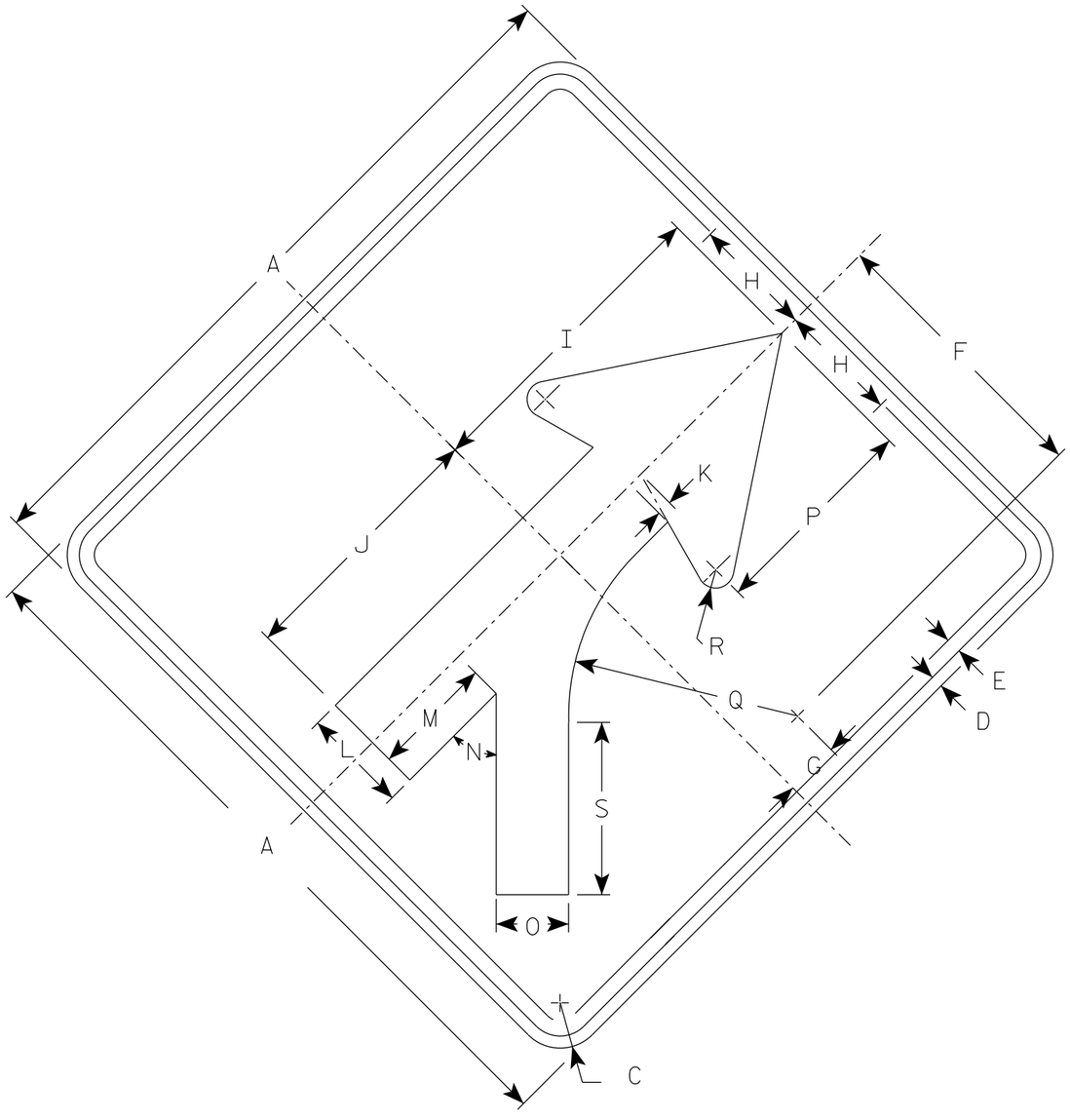
STANDARD SIGN
W04-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2021 PLATE NO. W04-1.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 371 | E



W04-5R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W04-5L is the same as W04-5R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	3/4	5 1/4	6 1/8	45°	3 5/8	10 5/8	11 3/8	7/8	8 1/2								9.0
2S	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	1	7	8 1/8	45°	4 3/4	14 1/4	15 1/4	1 1/4	11 3/8								16.0
2M	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	1	7	8 1/8	45°	4 3/4	14 1/4	15 1/4	1 1/4	11 3/8								16.0
3	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	1	7	8 1/8	45°	4 3/4	14 1/4	15 1/4	1 1/4	11 3/8								16.0
4	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	1	7	8 1/8	45°	4 3/4	14 1/4	15 1/4	1 1/4	11 3/8								16.0
5	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	1	7	8 1/8	45°	4 3/4	14 1/4	15 1/4	1 1/4	11 3/8								16.0

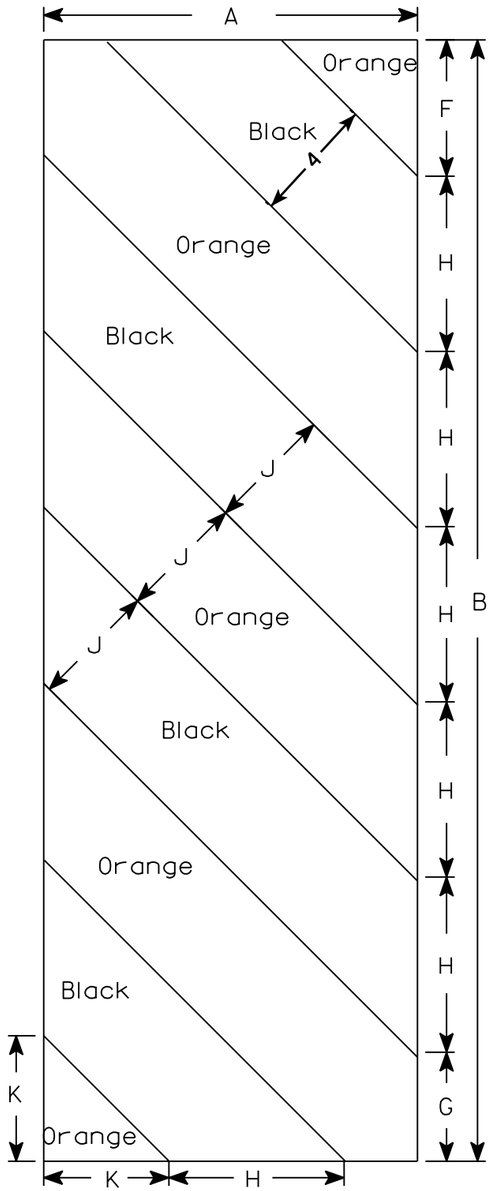
STANDARD SIGN
W04-5

WISCONSIN DEPT OF TRANSPORTATION

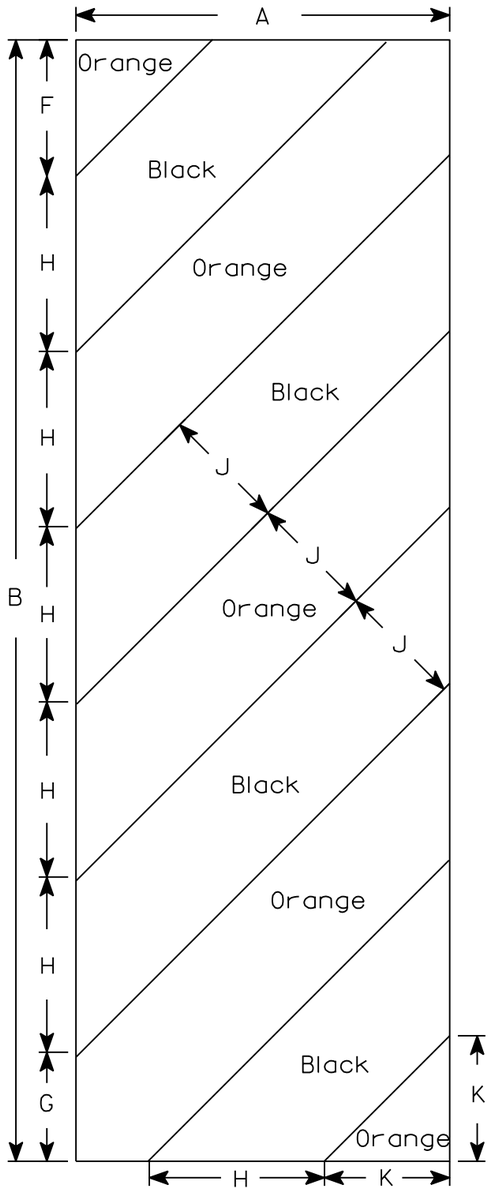
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 12/06/2021 PLATE NO. W04-5.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 372 | E



W05-52L



W05-52R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Alternate colors of stripes as shown.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	12	36				4 3/8	3 1/2	5 5/8	45°	4	4																3.0
2M	12	36				4 3/8	3 1/2	5 5/8	45°	4	4																3.0
3	18	54				6	5 1/2	8 1/2	45°	6	6 9/16																6.75
4																											
5																											

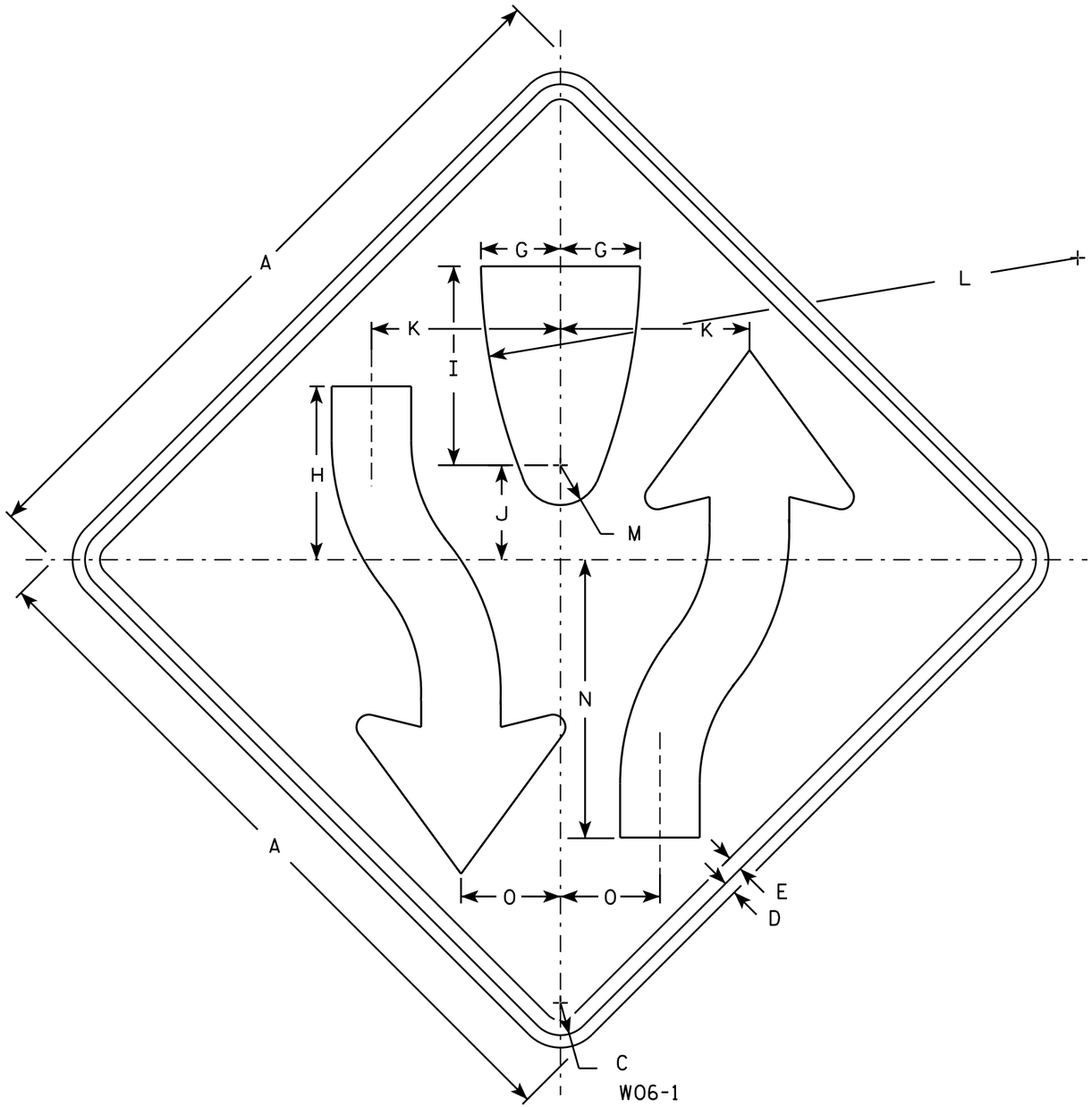
STANDARD SIGN
W05-52L & W05-52R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE No. W05-52.1

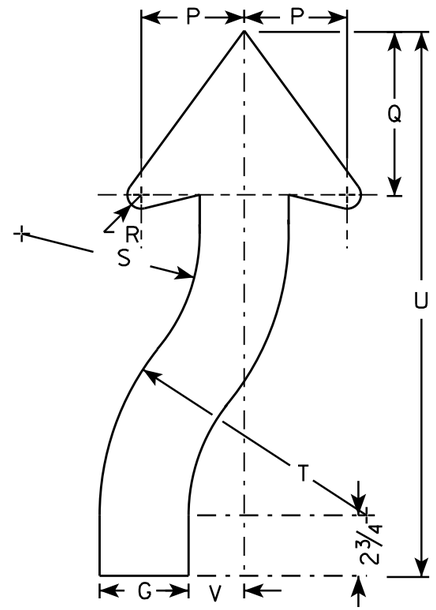
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



W06-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W06-2 same as W06-1 but is rotated 180° when mounted.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4		4	8 3/4	10	4 3/4	9 1/2	30	2	14	5	4 5/8	7 3/8	7/8	8	12	24 1/2	2 1/2					9.0
2S	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
2M	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
3	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
4	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
5	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0

STANDARD SIGN
W06-1 & W06-2

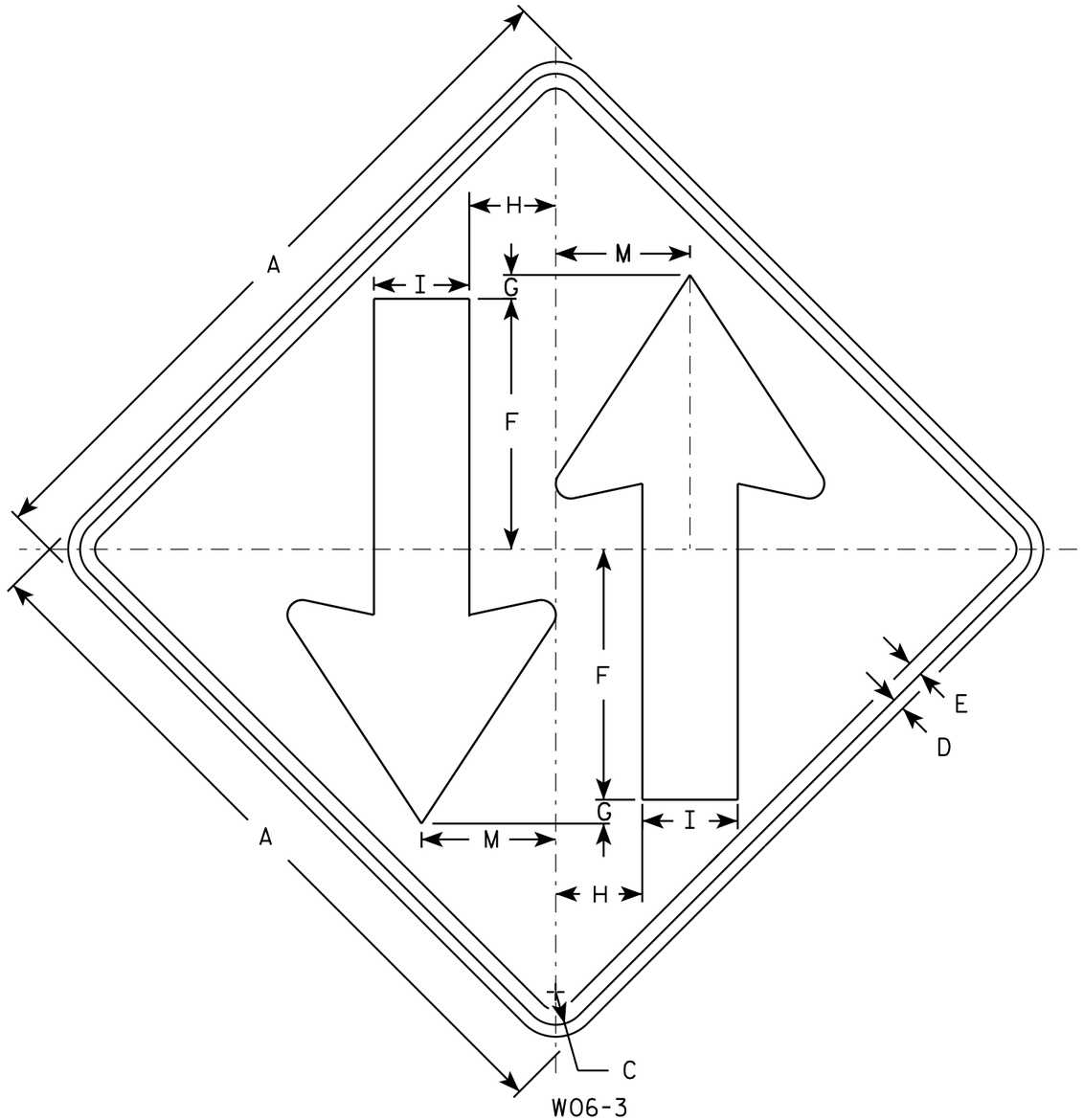
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE NO W06-1.1

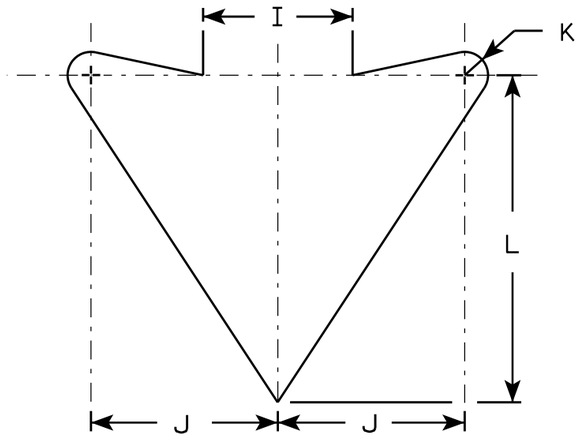
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W061.DGN PLOT DATE : 20-NOV-2013 12:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 6.810449:1.000000
WISDOT/CADDS SHEET 42



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	12	1	4 1/4	5	6	3/4	10 1/2	6 3/4														9.0
2S	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
2M	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
3	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
4	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
5	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0

STANDARD SIGN
W06-3

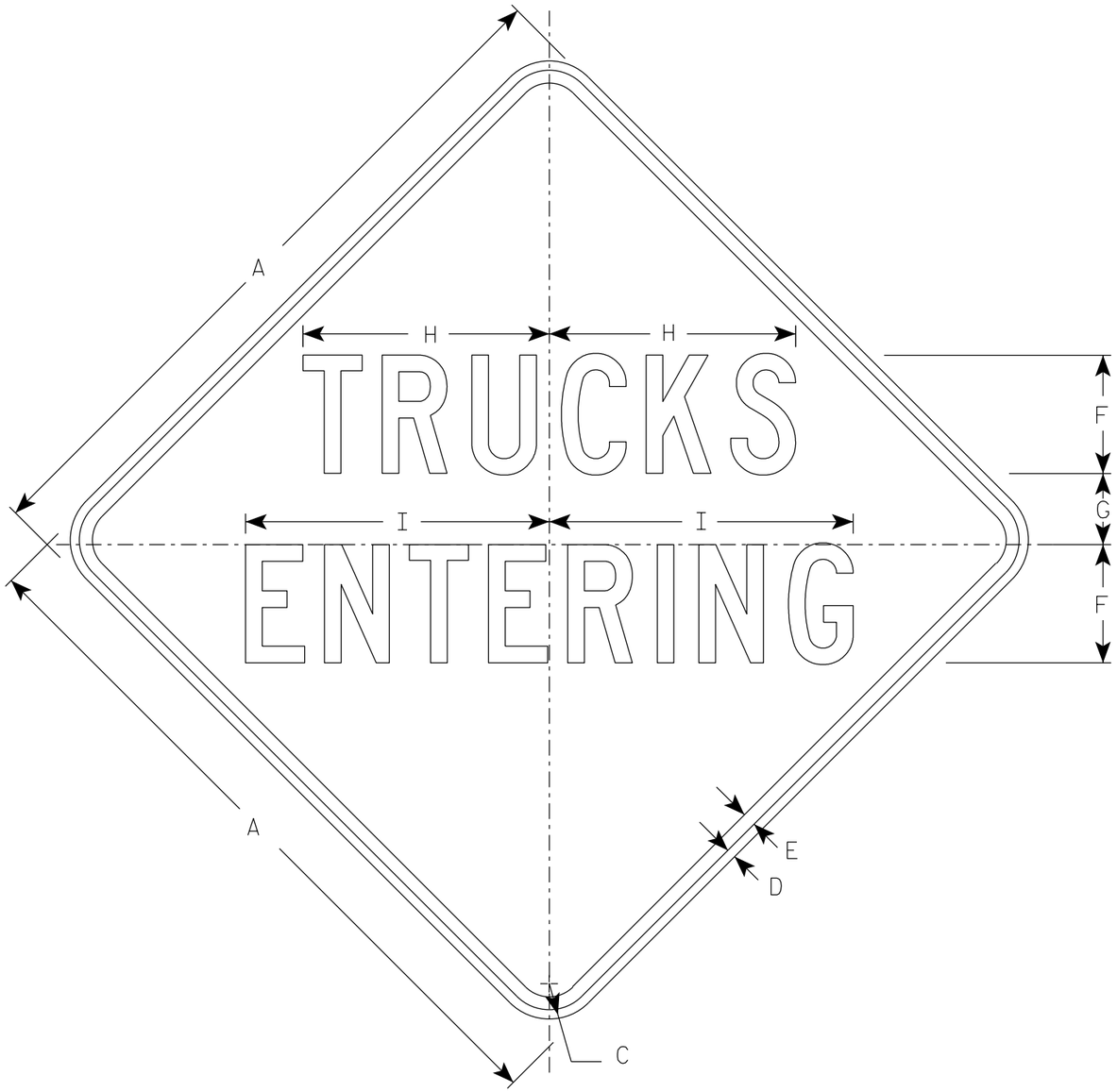
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE 375 W06-3.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W063.DGN PLOT DATE : 20-NOV-2013 12:14 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 6.080757:1.000000
WISDOT/CADDS SHEET 42



W08-6B

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	6	3 5/8	12 1/2	15 3/8																		9.0
2S	48		2 1/4	3/4	1	8	5	16 5/8	20 1/2																		16.0
2M	48		2 1/4	3/4	1	8	5	16 5/8	20 1/2																		16.0
3	48		2 1/4	3/4	1	8	5	16 5/8	20 1/2																		16.0
4	48		2 1/4	3/4	1	8	5	16 5/8	20 1/2																		16.0
5	48		2 1/4	3/4	1	8	5	16 5/8	20 1/2																		16.0

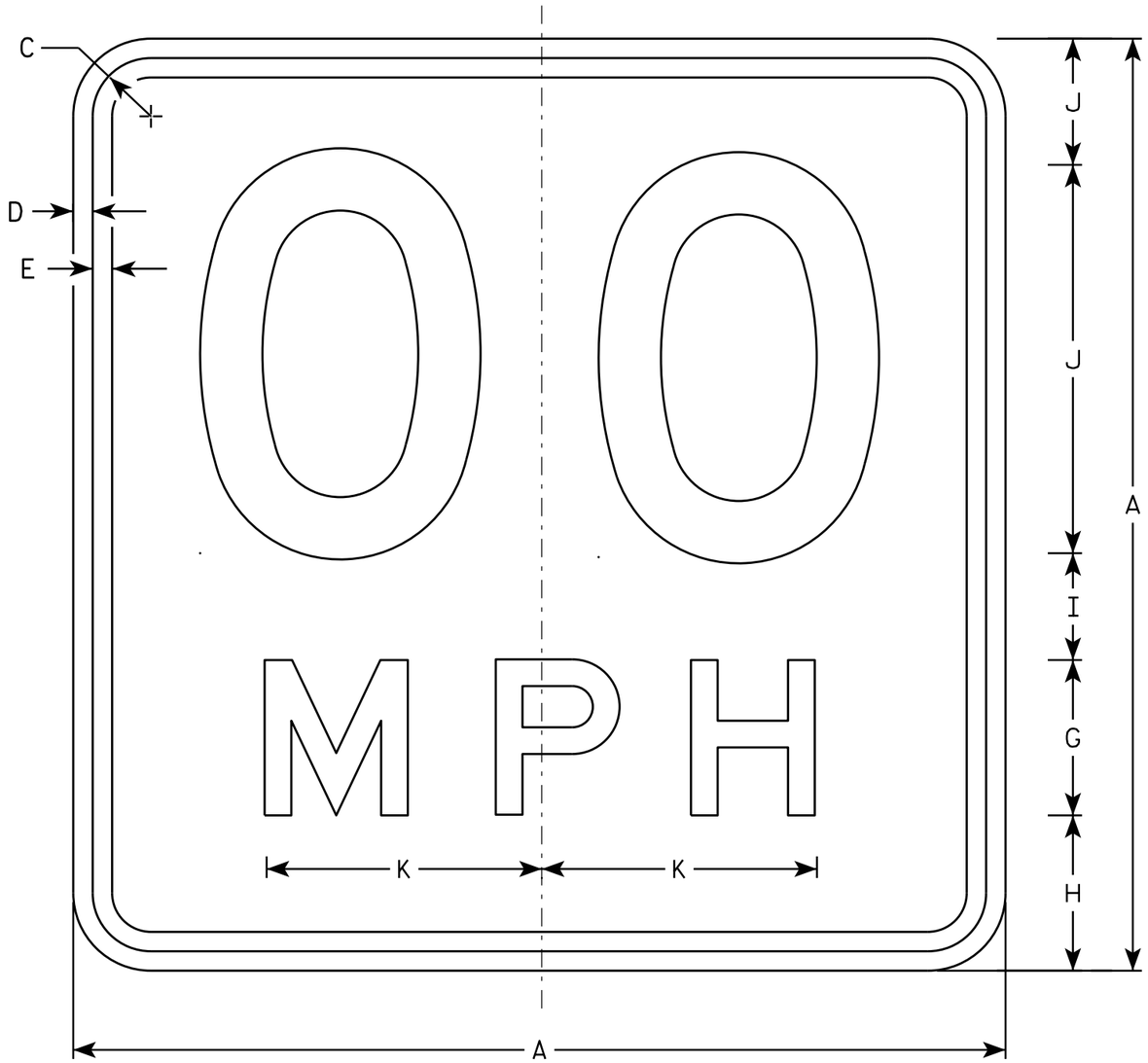
STANDARD SIGN
W08-6B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/15/2020 PLATE NO. W08-6B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 376	E



W013-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See Note 6
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
6. Line 1 is Series D
   Line 2 is Series E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	7 1/8																4.00
2S	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
2M	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
3	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
4	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
5	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00

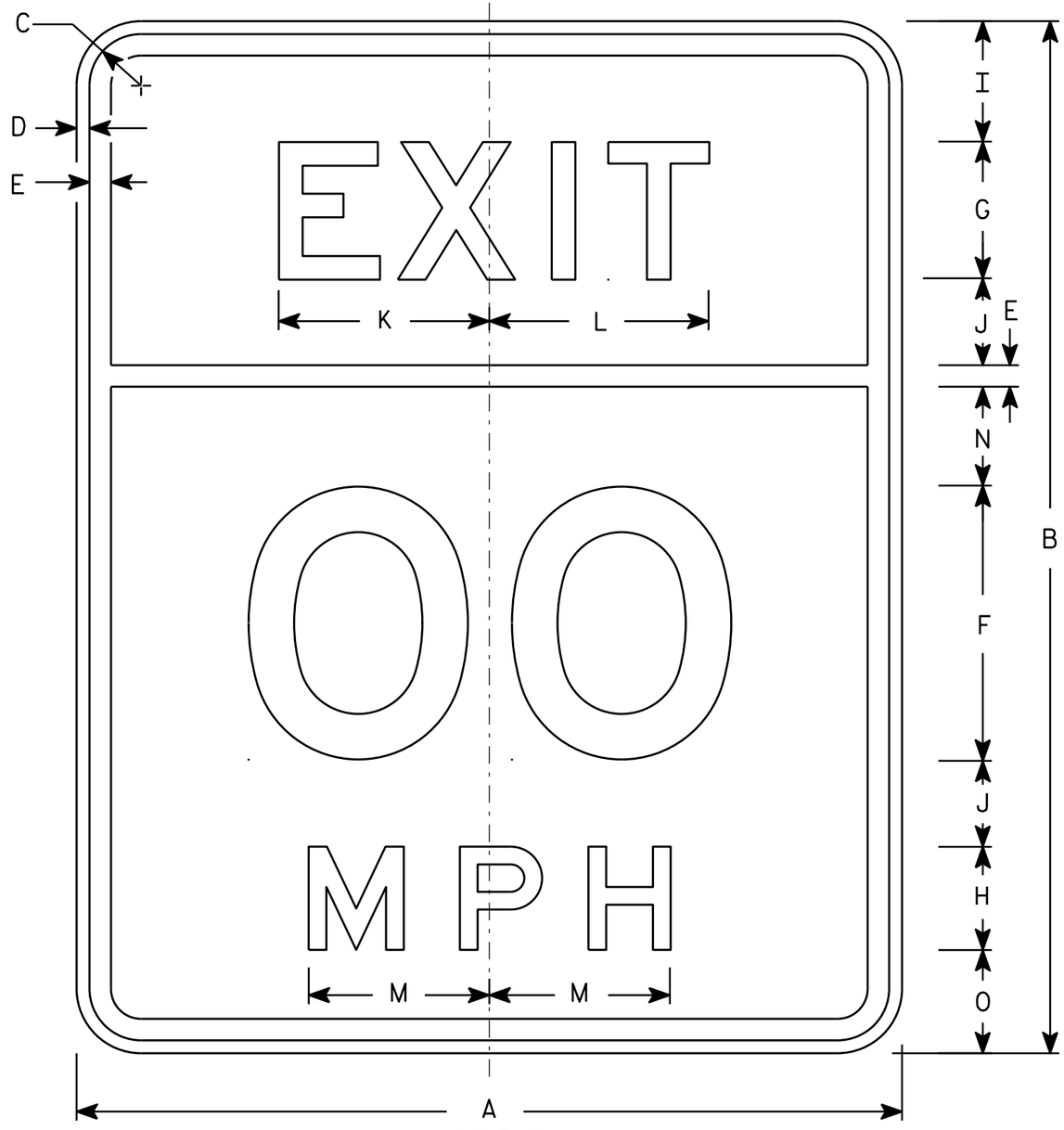
STANDARD SIGN
W013-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/21/13 PLATE 377 W013-1.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



W013-2

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 1/2	3/8	5/8	8	4	3	3 1/2	2 1/2	6 1/8	6 3/8	5 1/4	2 7/8	3												5.0
2M	24	30	1 1/2	3/8	5/8	8	4	3	3 1/2	2 1/2	6 1/8	6 3/8	5 1/4	2 7/8	3												5.0
3	36	48	2 1/4	5/8	7/8	12	6	4	6	4	9 1/4	9 1/2	7 1/8	5 1/8	6												12.0
4	36	48	2 1/4	5/8	7/8	12	6	4	6	4	9 1/4	9 1/2	7 1/8	5 1/8	6												12.0
5	48	60	2 1/4	3/4	1	16	8	6	7	5	12 1/4	12 3/4	10 5/8	5 3/4	6												20.0

STANDARD SIGN
W013-2

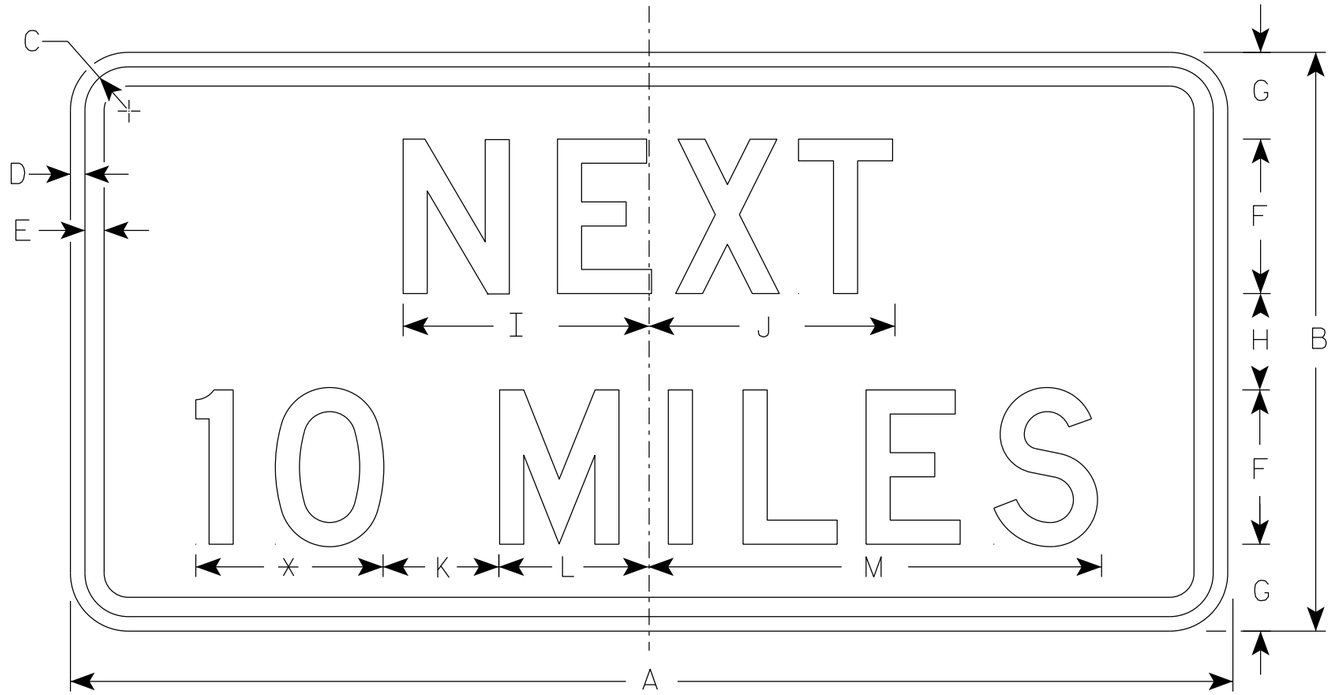
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/10/14 PLATE W013-2.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W0132.DGN PLOT DATE : 10-MAR-2014 13:35 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 4.086268:1.000000
WISDOT/CADDS SHEET 42



W057-51

* See note 5

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Round distance to the nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/8	3/8	1/2	5	2 3/4	2 1/2	7 7/8	8	5	4 1/8	15 3/8														4.5
2S	48	24	1 3/8	1/2	5/8	6	4	4	10	10 1/8	6	5 5/8	19														8.0
2M	48	24	1 3/8	1/2	5/8	6	4	4	10	10 1/8	6	5 5/8	19														8.0
3	48	24	1 3/8	1/2	5/8	6	4	4	10	10 1/8	6	5 5/8	19														8.0
4	48	24	1 3/8	1/2	5/8	6	4	4	10	10 1/8	6	5 5/8	19														8.0
5	48	24	1 3/8	1/2	5/8	6	4	4	10	10 1/8	6	5 5/8	19														8.0

STANDARD SIGN
W057-51

WISCONSIN DEPT OF TRANSPORTATION

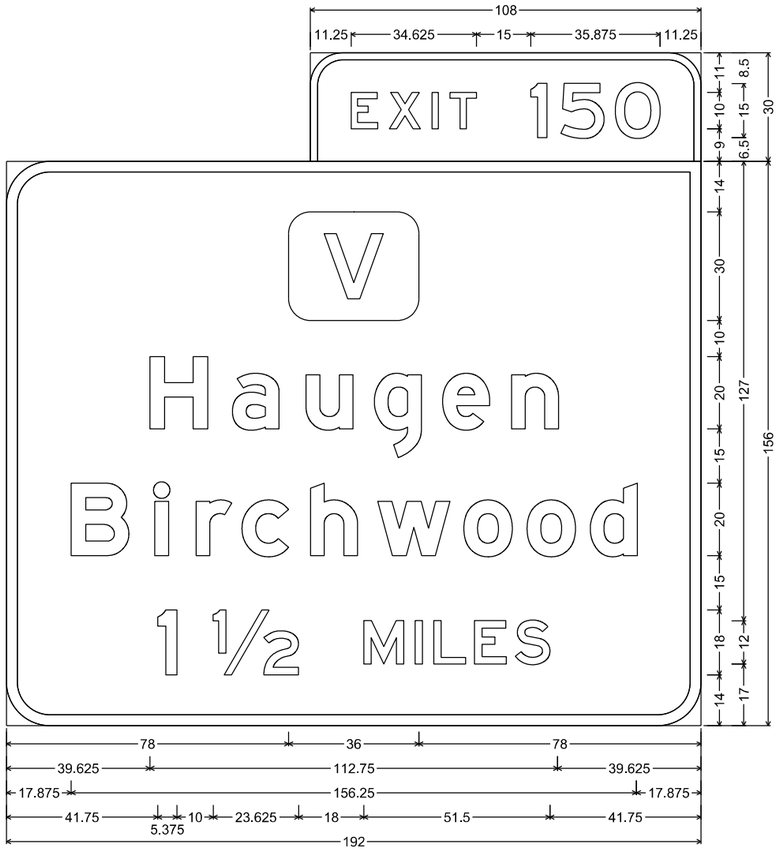
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/1/19 PLATE NO. W057-51.3

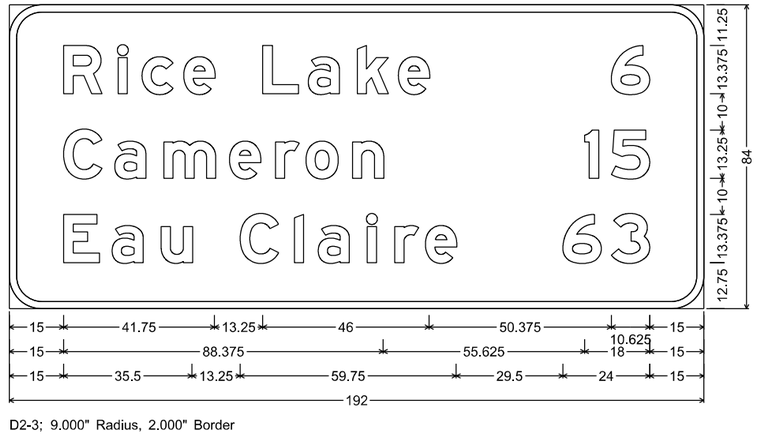
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 379	E

NOTES

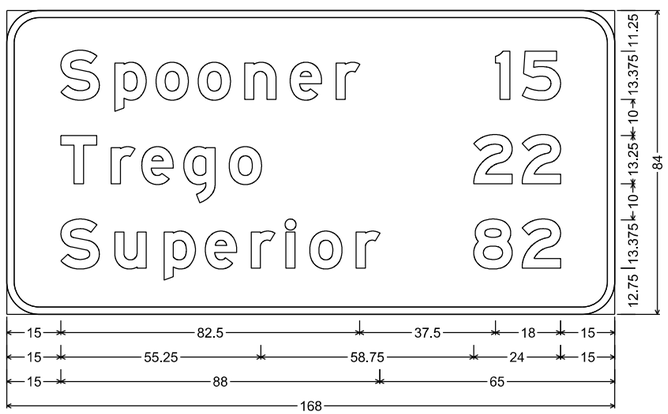
1. All Signs Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E Modified except all CAP words Series E



E1-5P; 9.000" Radius, 2.000" Border
E1-1A; 12.000" Radius, 3.000" Border



D2-3; 9.000" Radius, 2.000" Border



D2-3; 9.000" Radius, 2.000" Border

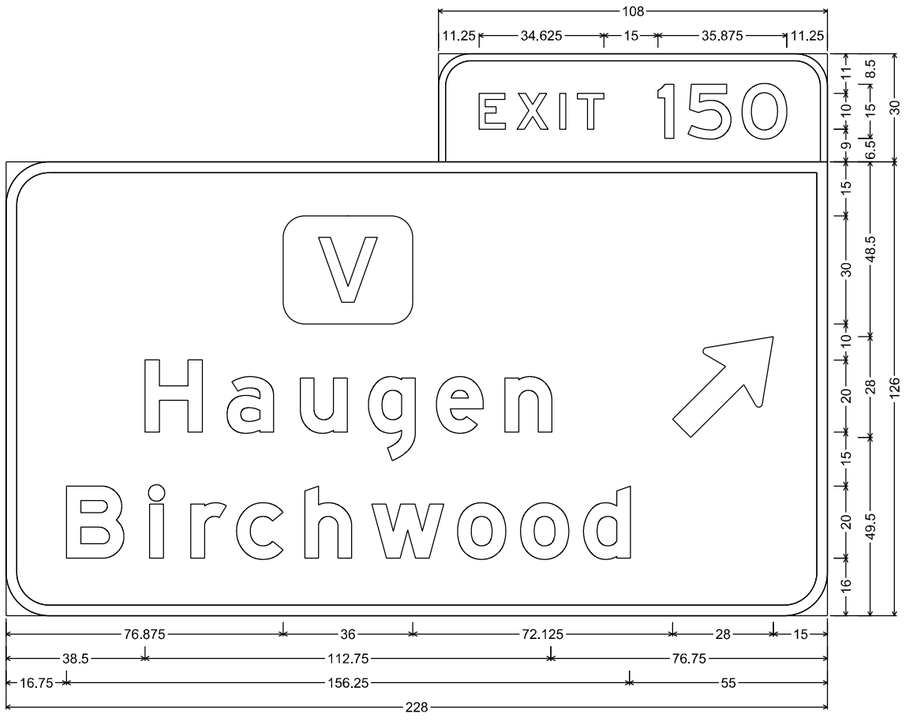
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	PERMANENT SIGNING	SHEET NO: 380	E

FILE NAME : C:\CAEfiles\Projects\tr_d8\8034dd20.dgn PLOT DATE : 15-DEC-2020 2:45 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

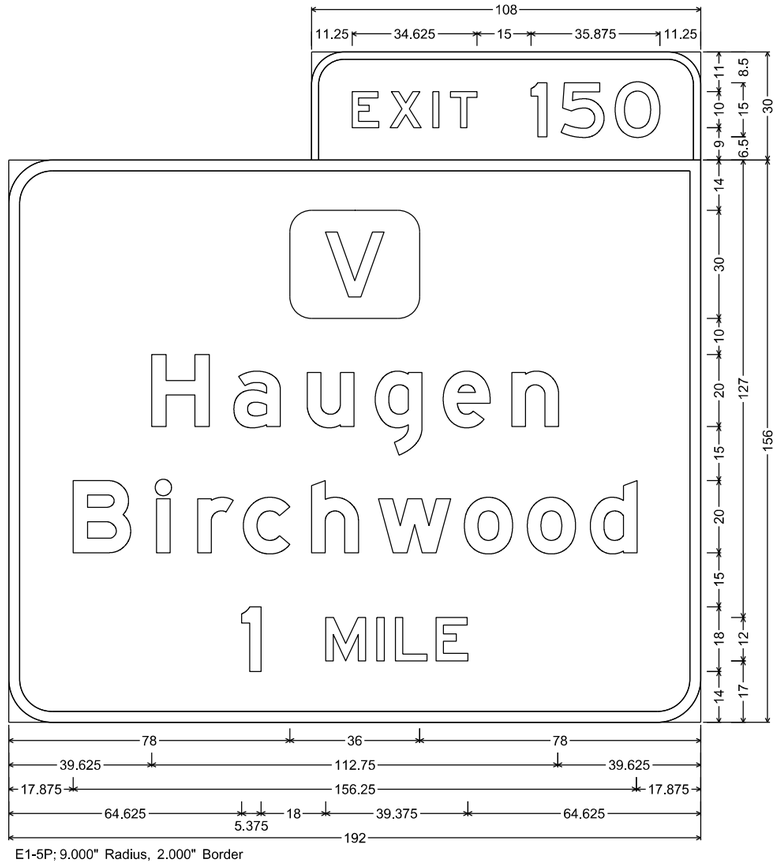
7

NOTES

1. All Signs Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E Modified except all CAP words Series E



E1-5P; 9.000" Radius, 2.000" Border
E4-1A; 12.000" Radius, 3.000" Border



E1-5P; 9.000" Radius, 2.000" Border
E1-1A; 12.000" Radius, 3.000" Border

7

7

STAGE 1A -SOUTH PROJECT LIMIT TEMPORARY CROSSOVER - STA 5756+08 TO STA 5770+92 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) CUT (EBS) NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT (EBS) NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED EBS NOTE 3 1.25	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5756+08	0	34	33	0	0	0	0	0	0	0	0
5757+00	92	30	34	0	109	114	0	109	143	0	109
5758+00	100	30	32	0	111	122	0	220	296	0	220
5759+00	100	28	36	4	107	126	7	327	454	9	318
5759+92	92	31	47	3	101	141	12	428	630	25	403
5760+00	8	31	40	2	9	13	1	437	646	26	411
5761+00	100	28	35	39	109	139	76	546	820	125	421
5761+44	44	29	34	55	46	56	77	592	890	225	367
5762+00	56	29	34	73	60	71	133	652	979	398	254
5762+72	72	29	35	81	77	92	205	729	1094	665	64
5763+00	28	30	34	81	31	36	84	760	1139	774	-14
5763+17	17	31	34	81	19	21	51	779	1165	840	-61
5764+00	83	35	34	75	101	105	240	880	1296	1152	-272
5765+00	100	37	39	69	133	135	267	1013	1465	1499	-486
5765+69	69	32	40	70	88	101	178	1101	1591	1730	-629
5766+00	31	33	37	68	37	44	79	1138	1646	1833	-695
5766+24	24	33	35	69	29	32	61	1167	1686	1912	-745
5767+00	76	32	35	74	91	99	201	1258	1810	2173	-915
5767+90	90	29	36	97	102	118	285	1360	1958	2544	-1184
5768+00	10	29	40	96	11	14	36	1371	1976	2591	-1220
5768+48	48	29	35	65	52	67	143	1423	2060	2777	-1354
5769+00	52	31	42	31	58	74	92	1481	2153	2897	-1416
5770+00	100	34	40	14	120	152	83	1601	2343	3005	-1404
5770+85	85	33	37	8	105	121	35	1706	2494	3051	-1345
5770+92	7	18	0	2	7	5	1	1713	2500	3052	-1339
					1713	1998	2347				

STAGE 1A - CTH V NB EXIT TEMPORARY RAMP CROSSOVER - STA 100+01 TO STA 110+65 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
100+01	0	9	0	0	0	0	0	0
101+00	99	10	2	35	4	35	5	30
101+14	14	10	4	5	2	40	8	32
102+00	86	11	8	33	19	73	33	40
103+00	100	10	6	39	26	112	67	45
104+00	100	10	6	37	22	149	96	53
104+28	28	11	6	11	6	160	104	56
105+00	72	10	10	28	21	188	131	57
106+00	100	9	17	35	50	223	196	27
106+86	86	10	27	30	70	253	287	-34
107+00	14	10	28	5	14	258	305	-47
107+87	87	15	28	40	90	298	422	-124
107+89	2	10	28	1	2	299	425	-126
108+00	11	11	22	4	10	303	438	-135
108+21	21	11	11	9	13	312	455	-143
108+30	9	3	9	2	3	314	459	-145
108+72	42	4	5	5	11	319	473	-154
108+73	1	15	2	0	0	319	473	-154
109+00	27	14	1	15	2	334	476	-142
109+35	35	15	1	19	1	353	477	-124
110+00	65	15	0	36	1	389	478	-89
110+17	17	9	0	8	0	397	478	-81
110+21	4	9	0	1	0	398	478	-80
110+65	44	13	0	18	0	416	478	-62
				416	367			

STAGE 1A - USH 53 SB - TEMPORARY WIDENING (26TH AVE) - STA 5770+92 TO STA 5780+91 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5770+92	0	18	2	0	0	0	0	0
5771+00	8	18	3	5	1	5	1	4
5771+52	52	17	4	34	7	39	10	29
5772+00	48	16	4	29	7	68	19	49
5773+00	100	15	3	57	13	125	36	89
5774+00	100	15	0	56	6	181	44	137
5774+02	2	15	0	1	0	182	44	138
5775+00	98	15	0	54	0	236	44	192
5775+25	25	16	0	14	0	250	44	206
5775+85	60	15	0	34	0	284	44	240
5776+00	15	16	0	9	0	293	44	249
5776+16	16	55	0	21	0	314	44	270
5776+19	3	56	0	6	0	320	44	276
5776+45	26	65	0	58	0	378	44	334
5776+88	43	59	0	99	0	477	44	433
5777+00	12	41	0	22	0	499	44	455
5777+05	5	27	0	6	0	505	44	461
5777+34	29	17	0	24	0	529	44	485
5777+42	8	16	0	5	0	534	44	490
5777+65	23	19	0	15	0	549	44	505
5778+00	35	20	0	25	0	574	44	530
5778+98	98	21	0	74	0	648	44	604
5779+00	2	21	0	2	0	650	44	606
5780+00	100	15	0	67	0	717	44	673
5780+35	35	14	0	19	0	736	44	692
5780+91	56	13	0	28	0	764	44	720
				764	34			

STAGE 1A - USH 53 SB - TEMPORARY GUARDRAIL (CTH V) - STA 5885+55 TO STA 5889+27 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5885+55	0	7	0	0	0	0	0	0
5886+00	45	8	1	13	1	13	1	12
5886+97	97	8	6	29	13	42	18	24
5887+00	3	8	5	1	1	43	19	24
5887+22	22	9	3	7	3	50	23	27
5887+45	23	9	2	8	2	58	26	32
5887+47	2	9	2	1	0	59	26	33
5888+09	62	9	1	21	3	80	30	50
5888+52	43	11	0	16	1	96	31	65
5888+77	25	12	0	11	0	107	31	76
5889+00	23	18	0	13	0	120	31	89
5889+02	2	18	0	1	0	121	31	90
5889+11	9	22	0	7	0	128	31	97
5889+27	16	0	0	7	0	135	31	104
				135	24			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 1A - CTH V NB ENTRANCE TEMPORARY RAMP CROSSOVER - STA 105+85 TO STA 122+74 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) CUT (EBS) NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT (EBS) NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED EBS NOTE 3 1.25	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
105+85	0	11	0	0	0	0	0	0	0	0	0
106+00	15	11	16	0	6	4	0	6	5	0	6
106+12	12	11	15	0	5	7	0	11	14	0	11
107+00	88	10	14	6	34	47	10	45	73	13	32
108+00	100	10	14	14	37	52	37	82	138	61	21
108+30	30	15	14	10	14	16	13	96	158	78	18
109+00	70	17	15	8	41	38	23	137	206	108	29
109+49	49	18	16	7	32	28	14	169	241	126	43
109+50	1	10	16	7	1	1	0	170	242	126	44
110+00	50	4	17	10	13	31	16	183	281	147	36
110+28	28	4	17	11	4	18	11	187	304	161	26
110+51	23	4	17	12	3	14	10	190	322	174	16
111+00	49	7	16	10	10	30	20	200	360	200	0
111+06	6	14	16	10	2	4	2	202	365	203	-1
112+00	94	13	17	12	47	57	38	249	436	252	-3
112+31	31	10	17	17	13	20	17	262	461	274	-12
113+00	69	10	17	15	26	43	41	288	515	327	-39
114+00	100	11	16	13	39	61	52	327	591	395	-68
115+00	100	10	15	16	39	57	54	366	662	465	-99
116+00	100	10	13	12	37	52	52	403	727	533	-130
117+00	100	10	13	8	37	48	37	440	787	581	-141
118+00	100	10	14	6	37	50	26	477	850	615	-138
118+76	76	9	15	5	27	41	15	504	901	635	-131
119+00	24	9	12	3	8	12	4	512	916	640	-128
120+00	100	9	13	1	33	46	7	545	974	649	-104
121+00	100	10	14	0	35	50	2	580	1037	652	-72
121+33	33	9	14	0	12	17	0	592	1058	652	-60
121+97	64	9	15	0	21	34	0	613	1101	652	-39
122+00	3	9	0	0	1	1	0	614	1102	652	-38
122+74	74	9	0	0	25	0	0	639	1102	652	-13
					639	879	501				

STAGE 1A - USH 53 SB - TEMPORARY WIDENING (29 3/4 AVE TO 30TH AVE) - STA 5981+97 TO STA 6006+33 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5981+97	0	11	0	0	0	0	0	0
5982+00	3	11	0	1	0	1	0	1
5983+00	100	10	0	39	0	40	0	40
5984+00	100	11	0	39	0	79	0	79
5985+00	100	12	0	43	0	122	0	122
5985+28	28	12	0	12	0	134	0	134
5985+55	27	13	0	13	0	147	0	147
5985+69	14	23	0	9	0	156	0	156
5985+82	13	38	0	15	0	171	0	171
5986+00	18	38	0	25	0	196	0	196
5986+10	10	37	0	14	0	210	0	210
5986+35	25	22	0	27	0	237	0	237
5987+00	65	18	1	48	1	285	1	284
5988+00	100	12	1	56	4	341	6	335
5989+00	100	10	3	41	7	382	15	367
5990+00	100	9	4	35	13	417	32	385
5991+00	100	10	3	35	13	452	49	403
5992+00	100	9	4	35	13	487	66	421
5993+00	100	10	3	35	13	522	83	439
5994+00	100	10	2	37	9	559	95	464
5995+00	100	10	2	37	7	596	104	492
5996+00	100	10	3	37	9	633	116	517
5997+00	100	11	2	39	9	672	128	544
5998+00	100	10	5	39	13	711	145	566
5998+93	93	10	9	34	24	745	176	569
5999+00	7	10	10	3	2	748	179	569
5999+60	60	33	0	48	11	796	193	603
5999+63	3	33	0	4	0	800	193	607
6000+00	37	39	0	49	0	849	193	656
6000+48	48	33	0	64	0	913	193	720
6000+69	21	24	0	22	0	935	193	742
6001+00	31	21	0	26	0	961	193	768
6002+00	100	19	0	74	0	1035	193	842
6002+38	38	17	1	25	1	1060	194	866
6002+77	39	16	1	24	1	1084	195	889
6003+00	23	15	0	13	0	1097	195	902
6003+27	27	13	1	14	1	1111	196	915
6004+00	73	12	0	34	1	1145	197	948
6005+00	100	10	0	41	0	1186	197	989
6006+00	100	12	0	41	0	1227	197	1030
6006+33	33	12	0	15	0	1242	197	1045
				1242	152			

STAGE 1B - USH 53 SB - TEMPORARY GUARDRAIL (CTH V) - STA 5887+45 TO STA 5889+44 - DIVISION 2

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5887+45	0	11	0	0	0	0	0	0
5887+47	2	11	0	1	0	1	0	1
5888+09	62	9	6	23	7	24	9	15
5888+52	43	9	4	14	8	38	19	19
5888+77	25	11	0	9	2	47	22	25
5889+00	23	12	0	10	0	57	22	35
5889+02	2	12	0	1	0	58	22	36
5889+11	9	12	0	4	0	62	22	40
5889+27	16	12	0	7	0	69	22	47
5889+44	17	0	0	4	0	73	22	51
				73	17			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2 - USH 53 NB - MAINLINE - STA 2770+27 TO STA 2878+16 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
2770+27	0	60	5	0	0	0	0	0
2770+87	60	61	5	134	11	134	14	120
2771+00	13	61	5	29	2	163	17	146
2771+62	62	63	16	142	24	305	48	257
2772+00	38	65	16	90	23	395	78	317
2773+00	100	74	4	257	37	652	126	526
2773+12	12	75	3	33	2	685	129	556
2773+60	48	77	1	135	4	820	134	686
2774+00	40	79	0	116	1	936	135	801
2775+00	100	90	0	313	0	1249	135	1114
2775+04	4	90	0	13	0	1262	135	1127
2775+23	19	77	0	59	0	1321	135	1186
2775+57	34	63	0	88	0	1409	135	1274
2775+64	7	63	0	16	0	1425	135	1290
2776+00	36	65	0	85	0	1510	135	1375
2776+18	18	66	0	44	0	1554	135	1419
2776+24	6	65	0	15	0	1569	135	1434
2776+44	20	64	0	48	0	1617	135	1482
2776+84	40	62	0	93	0	1710	135	1575
2776+87	3	61	1	7	0	1717	135	1582
2777+00	13	63	22	30	6	1747	143	1604
2777+34	34	66	0	81	14	1828	161	1667
2777+44	10	66	0	24	0	1852	161	1691
2777+73	29	66	0	71	0	1923	161	1762
2779+00	127	58	0	292	0	2215	161	2054
2780+00	100	55	7	209	13	2424	178	2246
2780+14	14	48	9	27	4	2451	183	2268
2781+00	86	48	7	153	25	2604	216	2388
2782+00	100	46	19	174	48	2778	278	2500
2783+00	100	47	16	172	65	2950	363	2587
2784+00	100	48	2	176	33	3126	406	2720
2785+00	100	50	0	181	4	3307	411	2896
2786+00	100	51	0	187	0	3494	411	3083
2787+00	100	48	3	183	6	3677	419	3258
2788+00	100	48	11	178	26	3855	453	3402
2789+00	100	49	7	180	33	4035	496	3539
2790+00	100	49	5	181	22	4216	525	3691
2791+00	100	52	4	187	17	4403	547	3856
2792+00	100	54	4	196	15	4599	567	4032
2793+00	100	52	0	196	7	4795	576	4219
2794+00	100	50	1	189	2	4984	579	4405
2795+00	100	50	1	185	4	5169	584	4585
2795+30	30	49	3	55	2	5224	587	4637
2796+00	70	49	4	127	9	5351	599	4752
2797+00	100	46	7	176	20	5527	625	4902
2798+00	100	44	7	167	26	5694	659	5035
2799+00	100	43	8	161	28	5855	695	5160
2799+17	17	42	8	27	5	5882	702	5180
2799+77	60	40	15	91	26	5973	736	5237
2800+00	23	39	16	34	13	6007	753	5254
2800+37	37	39	16	53	22	6060	782	5278
2800+97	60	40	15	88	34	6148	826	5322
2801+00	3	40	15	4	2	6152	829	5323

STAGE 2 - USH 53 NB - MAINLINE - STA 2770+27 TO STA 2878+16 - DIVISION 3 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
2801+57	57	44	13	89	30	6241	868	5373
2802+00	43	42	14	68	22	6309	897	5412
2802+77	77	42	15	120	41	6429	950	5479
2803+00	23	42	14	36	12	6465	966	5499
2803+86	86	44	7	137	33	6602	1009	5593
2804+00	14	43	9	23	4	6625	1014	5611
2804+46	46	42	9	72	15	6697	1034	5663
2805+00	54	39	4	81	13	6778	1051	5727
2805+06	6	39	4	9	1	6787	1052	5735
2805+66	60	45	6	93	11	6880	1066	5814
2806+00	34	45	7	57	8	6937	1076	5861
2806+26	26	45	12	43	9	6980	1088	5892
2807+00	74	46	13	125	34	7105	1132	5973
2808+00	100	45	13	169	48	7274	1194	6080
2809+00	100	46	9	169	41	7443	1247	6196
2810+00	100	46	3	170	22	7613	1276	6337
2811+00	100	45	4	169	13	7782	1293	6489
2812+00	100	45	1	167	9	7949	1305	6644
2812+18	18	44	12	30	4	7979	1310	6669
2813+00	82	44	11	134	35	8113	1356	6757
2814+00	100	44	10	163	39	8276	1407	6869
2815+00	100	44	10	163	37	8439	1455	6984
2816+00	100	46	9	167	35	8606	1501	7105
2817+00	100	47	13	172	41	8778	1554	7224
2817+50	50	46	15	86	26	8864	1588	7276
2818+00	50	47	12	86	25	8950	1621	7329
2819+00	100	49	5	178	31	9128	1661	7467
2820+00	100	51	3	185	15	9313	1681	7632
2821+00	100	55	3	196	11	9509	1695	7814
2821+63	63	54	3	127	7	9636	1704	7932
2822+00	37	52	7	73	7	9709	1713	7996
2822+47	47	48	7	87	12	9796	1729	8067
2822+70	23	46	0	40	3	9836	1733	8103
2823+00	30	67	0	63	0	9899	1733	8166
2823+07	7	68	0	18	0	9917	1733	8184
2823+22	15	45	0	31	0	9948	1733	8215
2823+67	45	45	9	75	8	10023	1743	8280
2824+00	33	47	2	56	7	10079	1752	8327
2824+27	27	46	1	47	2	10126	1755	8371
2824+87	60	48	1	104	2	10230	1758	8472
2824+94	7	47	2	12	0	10242	1758	8484
2825+00	6	46	2	10	0	10252	1758	8494
2826+00	100	43	8	165	19	10417	1783	8634
2827+00	100	44	9	161	31	10578	1823	8755
2828+00	100	45	7	165	30	10743	1862	8881
2829+00	100	44	9	165	30	10908	1901	9007
2830+00	100	45	9	165	33	11073	1944	9129
2831+00	100	45	8	167	31	11240	1984	9256
2831+12	12	44	7	20	3	11260	1988	9272
2831+72	60	53	2	108	10	11368	2001	9367
2832+00	28	56	1	57	2	11425	2004	9421
2832+22	22	56	1	46	1	11471	2005	9466
2832+71	49	60	2	105	3	11576	2009	9567
2832+97	26	60	3	58	2	11634	2012	9622
2833+00	3	60	3	7	0	11641	2012	9629
2834+00	100	71	0	243	6	11884	2020	9864
2834+12	12	56	0	28	0	11912	2020	9892
2834+76	64	61	0	139	0	12051	2020	10031
2835+00	24	57	0	52	0	12103	2020	10083
2835+32	32	52	0	65	0	12168	2020	10148
2835+78	46	58	0	94	0	12262	2020	10242
2836+00	22	58	0	47	0	12309	2020	10289

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2 - USH 53 NB - MAINLINE - STA 2770+27 TO STA 2878+16 - DIVISION 3 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
2836+18	18	57	0	38	0	12347	2020	10327
2836+78	60	49	0	118	0	12465	2020	10445
2836+79	1	49	0	2	0	12467	2020	10447
2837+00	21	47	0	37	0	12504	2020	10484
2838+00	100	45	0	170	0	12674	2020	10654
2839+00	100	43	0	163	0	12837	2020	10817
2840+00	100	43	0	159	0	12996	2020	10976
2841+00	100	44	0	161	0	13157	2020	11137
2842+00	100	42	0	159	0	13316	2020	11296
2843+00	100	44	0	159	0	13475	2020	11455
2844+00	100	44	0	163	0	13638	2020	11618
2845+00	100	45	0	165	0	13803	2020	11783
2846+00	100	47	0	170	0	13973	2020	11953
2847+00	100	47	0	174	0	14147	2020	12127
2848+00	100	51	0	181	0	14328	2020	12308
2848+39	39	52	0	74	0	14402	2020	12382
2849+00	61	55	0	121	0	14523	2020	12503
2849+13	13	56	0	27	0	14550	2020	12530
2849+73	60	53	0	121	0	14671	2020	12651
2850+00	27	51	0	52	0	14723	2020	12703
2850+33	33	48	0	61	0	14784	2020	12764
2850+75	42	47	0	74	0	14858	2020	12838
2851+00	25	47	0	44	0	14902	2020	12882
2852+00	100	45	0	170	0	15072	2020	13052
2853+00	100	44	0	165	0	15237	2020	13217
2854+00	100	45	0	165	0	15402	2020	13382
2855+00	100	44	0	165	0	15567	2020	13547
2856+00	100	44	0	163	0	15730	2020	13710
2857+00	100	44	0	163	0	15893	2020	13873
2858+00	100	44	0	163	0	16056	2020	14036
2859+00	100	47	0	169	0	16225	2020	14205
2860+00	100	49	0	178	0	16403	2020	14383
2861+00	100	49	0	181	0	16584	2020	14564
2862+00	100	49	0	181	0	16765	2020	14745
2863+00	100	47	0	178	0	16943	2020	14923
2863+02	2	47	0	3	0	16946	2020	14926
2863+44	42	46	0	72	0	17018	2020	14998
2864+00	56	48	0	97	0	17115	2020	15095
2864+04	4	48	0	7	0	17122	2020	15102
2864+64	60	53	0	112	0	17234	2020	15214
2865+00	36	50	0	69	0	17303	2020	15283
2866+00	100	45	0	176	0	17479	2020	15459
2867+00	100	42	0	161	0	17640	2020	15620
2868+00	100	40	0	152	0	17792	2020	15772
2869+00	100	43	0	154	0	17946	2020	15926
2870+00	100	43	0	159	0	18105	2020	16085
2871+00	100	46	0	165	0	18270	2020	16250
2872+00	100	47	0	172	0	18442	2020	16422
2872+32	32	48	0	56	0	18498	2020	16478
2873+00	68	53	0	127	0	18625	2020	16605
2873+10	10	53	0	20	0	18645	2020	16625
2873+50	40	52	0	78	0	18723	2020	16703
2873+75	25	54	0	49	0	18772	2020	16752
2874+00	25	54	0	50	0	18822	2020	16802
2875+00	100	54	0	200	0	19022	2020	17002
2876+00	100	52	0	196	0	19218	2020	17198
2877+00	100	53	0	194	0	19412	2020	17392
2878+00	100	50	0	191	0	19603	2020	17583
2878+16	16	49	0	29	0	19632	2020	17612
				19632	1549			

STAGE 2 - USH 53 NB - MAINLINE GUARDRAIL - STA 2878+16 TO STA 28822+26 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
2878+16	0	7	0	0	0	0	0	0
2879+00	84	7	0	22	0	22	0	22
2880+00	100	7	0	26	0	48	0	48
2881+00	100	7	0	26	0	74	0	74
2881+28	28	7	0	7	0	81	0	81
2881+53	25	7	0	6	0	87	0	87
2881+78	25	6	0	6	0	93	0	93
2882+00	22	8	0	6	0	99	0	99
2882+26	26	7	0	7	0	106	0	106
				106	0			

STAGE 2 - USH 53 NB - TEMPORARY GUARDRAIL (CTH V) - STA 2890+39 TO STA 2893+90 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
2890+39	0	0	0	0	0	0	0	0
2891+00	61	14	0	16	0	16	0	16
2891+30	30	13	0	15	0	31	0	31
2892+00	70	13	0	34	0	65	0	65
2892+19	19	12	0	9	0	74	0	74
2892+44	25	11	1	11	0	85	0	85
2892+69	25	11	1	10	1	95	1	94
2893+00	31	11	1	13	1	108	2	106
2893+90	90	11	0	37	2	145	5	140
				145	4			

STAGE 2 - CTH V - TEMPORARY GUARDRAIL - STA 798+93 TO STA 801+00 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
798+93	0	0	0	0	0	0	0	0
799+00	7	0	1	0	0	0	0	0
799+20	20	14	0	5	0	5	0	5
799+36	16	11	0	7	0	12	0	12
799+62	26	10	0	10	0	22	0	22
799+87	25	11	0	10	0	32	0	32
800+00	13	11	0	5	0	37	0	37
800+53	53	9	0	20	0	57	0	57
801+00	47	8	0	15	0	72	0	72
				72	0			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2 - USH 53 NB - MAINLINE - STA 2929+63 TO STA 3009+00 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
2929+63	0	43	0	0	0	0	0	0
2930+00	37	42	0	58	0	58	0	58
2931+00	100	42	0	156	0	214	0	214
2932+00	100	41	0	154	0	368	0	368
2933+00	100	40	0	150	0	518	0	518
2934+00	100	42	0	152	0	670	0	670
2935+00	100	45	0	161	0	831	0	831
2936+00	100	49	0	174	0	1005	0	1005
2937+00	100	48	0	180	0	1185	0	1185
2938+00	100	46	0	174	0	1359	0	1359
2938+52	52	45	0	88	0	1447	0	1447
2938+94	42	43	0	68	0	1515	0	1515
2939+00	6	44	0	10	0	1525	0	1525
2939+54	54	47	0	91	0	1616	0	1616
2940+00	46	51	0	83	0	1699	0	1699
2940+14	14	52	0	27	0	1726	0	1726
2941+00	86	47	0	158	0	1884	0	1884
2942+00	100	43	0	167	0	2051	0	2051
2943+00	100	44	0	161	0	2212	0	2212
2944+00	100	43	0	161	0	2373	0	2373
2945+00	100	41	0	156	0	2529	0	2529
2946+00	100	43	0	156	0	2685	0	2685
2947+00	100	45	0	163	0	2848	0	2848
2948+00	100	48	0	172	0	3020	0	3020
2949+00	100	51	0	183	0	3203	0	3203
2950+00	100	48	0	183	0	3386	0	3386
2951+00	100	52	0	185	0	3571	0	3571
2952+00	100	47	0	183	0	3754	0	3754
2953+00	100	44	0	169	0	3923	0	3923
2954+00	100	45	0	165	0	4088	0	4088
2955+00	100	52	0	180	0	4268	0	4268
2955+58	58	52	0	112	0	4380	0	4380
2956+00	42	54	0	82	0	4462	0	4462
2956+18	18	44	0	33	0	4495	0	4495
2956+55	37	66	0	75	0	4570	0	4570
2956+92	37	44	0	75	0	4645	0	4645
2957+00	8	49	0	14	0	4659	0	4659
2957+52	52	48	0	93	0	4752	0	4752
2958+00	48	48	0	85	0	4837	0	4837
2959+00	100	47	0	176	0	5013	0	5013
2960+00	100	47	0	174	0	5187	0	5187
2961+00	100	49	0	178	0	5365	0	5365
2961+17	17	49	0	31	0	5396	0	5396
2961+77	60	46	0	106	0	5502	0	5502
2962+00	23	45	0	39	0	5541	0	5541
2962+37	37	44	0	61	0	5602	0	5602
2962+97	60	46	0	100	0	5702	0	5702
2963+00	3	46	0	5	0	5707	0	5707
2963+42	42	49	0	74	0	5781	0	5781
2964+00	58	51	0	107	0	5888	0	5888
2965+00	100	52	0	191	0	6079	0	6079
2966+00	100	52	0	193	0	6272	0	6272
2967+00	100	52	0	193	0	6465	0	6465
2968+00	100	52	0	193	0	6658	0	6658
2969+00	100	46	0	181	0	6839	0	6839
2970+00	100	50	0	178	0	7017	0	7017
2970+16	16	48	0	29	0	7046	0	7046
2970+34	18	60	0	36	0	7082	0	7082
2970+54	20	67	0	47	0	7129	0	7129
2970+79	25	50	0	54	0	7183	0	7183
2970+86	7	47	0	13	0	7196	0	7196
2971+00	14	52	0	26	0	7222	0	7222
2971+39	39	50	0	74	0	7296	0	7296
2971+99	60	49	0	110	0	7406	0	7406
2972+00	1	49	0	2	0	7408	0	7408
2972+59	59	49	0	107	0	7515	0	7515
2973+00	41	47	0	73	0	7588	0	7588
2974+00	100	44	0	169	0	7757	0	7757
2975+00	100	44	0	163	0	7920	0	7920

STAGE 2 - USH 53 NB - MAINLINE - STA 2929+63 TO STA 3009+00 - DIVISION 3 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
2976+00	100	43	0	161	0	8081	0	8081
2977+00	100	41	0	156	0	8237	0	8237
2978+00	100	41	0	152	0	8389	0	8389
2979+00	100	43	0	156	0	8545	0	8545
2980+00	100	47	0	167	0	8712	0	8712
2980+67	67	48	0	118	0	8830	0	8830
2981+00	33	49	0	59	0	8889	0	8889
2981+27	27	55	0	52	0	8941	0	8941
2981+43	16	55	0	33	0	8974	0	8974
2981+77	34	54	0	69	0	9043	0	9043
2982+00	23	56	0	47	0	9090	0	9090
2982+03	3	63	0	7	0	9097	0	9097
2982+27	24	63	3	56	1	9153	1	9152
2982+52	25	62	7	58	5	9211	8	9203
2982+90	38	63	7	88	10	9299	21	9278
2983+00	10	63	7	23	3	9322	25	9297
2983+75	75	64	6	176	18	9498	48	9450
2984+00	25	64	7	59	6	9557	56	9501
2984+50	50	63	9	118	15	9675	76	9599
2985+00	50	62	14	116	21	9791	103	9688
2985+49	49	62	16	113	27	9904	138	9766
2985+79	30	63	0	69	9	9973	150	9823
2985+96	17	60	0	39	0	10012	150	9862
2986+00	4	61	0	9	0	10021	150	9871
2986+15	15	63	0	34	0	10055	150	9905
2986+36	21	62	0	49	0	10104	150	9954
2986+48	12	65	0	28	0	10132	150	9982
2986+81	33	64	0	79	0	10211	150	10061
2987+00	19	63	0	45	0	10256	150	10106
2987+31	31	62	0	72	0	10328	150	10178
2987+91	60	54	0	129	0	10457	150	10307
2988+00	9	54	0	18	0	10475	150	10325
2989+00	100	54	0	200	0	10675	150	10525
2990+00	100	55	0	202	0	10877	150	10727
2991+00	100	54	0	202	0	11079	150	10929
2992+00	100	54	0	200	0	11279	150	11129
2993+00	100	56	0	204	0	11483	150	11333
2994+00	100	57	0	209	0	11692	150	11542
2994+35	35	56	0	73	0	11765	150	11615
2994+95	60	64	0	133	0	11898	150	11748
2995+00	5	64	0	12	0	11910	150	11760
2995+45	45	62	0	105	0	12015	150	11865
2996+00	55	62	1	126	1	12141	151	11990
2996+20	20	63	3	46	1	12187	152	12035
2997+00	80	66	1	191	6	12378	160	12218
2997+15	15	68	0	37	0	12415	160	12255
2997+65	50	75	2	132	2	12547	163	12384
2998+00	35	80	1	100	2	12647	166	12481
2999+00	100	83	0	302	2	12949	169	12780
2999+20	20	73	5	58	2	13007	172	12835
2999+67	47	58	0	114	4	13121	177	12944
3000+00	33	60	0	72	0	13193	177	13016
3000+56	56	56	0	120	0	13313	177	13136
3000+80	24	62	1	52	0	13365	177	13188
3001+00	20	79	0	52	0	13417	177	13240
3001+03	3	79	0	9	0	13426	177	13249
3001+08	5	77	0	14	0	13440	177	13263
3001+43	35	72	0	97	0	13537	177	13360
3002+00	57	61	0	140	0	13677	177	13500
3002+03	3	61	0	7	0	13684	177	13507
3003+00	97	62	0	221	0	13905	177	13728
3004+00	100	59	0	224	0	14129	177	13952
3005+00	100	56	0	213	0	14342	177	14165
3006+00	100	55	0	206	0	14548	177	14371
3007+00	100	53	0	200	0	14748	177	14571
3008+00	100	53	0	196	0	14944	177	14767
3008+05	5	53	0	10	0	14954	177	14777
3008+65	60	47	0	111	0	15065	177	14888
3009+00	35	48	0	62	0	15127	177	14950
				15127	135			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2 - USH 53 NB - MAINLINE - STA 3009+00 TO STA 3211+00 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
3009+00	0	48	0	0	0	0	0	0
3010+00	100	48	0	178	0	178	0	178
3011+00	100	48	0	178	0	356	0	356
3012+00	100	48	0	178	0	534	0	534
3013+00	100	50	0	181	0	715	0	715
3014+00	100	52	0	189	0	904	0	904
3015+00	100	53	0	194	0	1098	0	1098
3016+00	100	53	0	196	0	1294	0	1294
3017+00	100	51	0	193	0	1487	0	1487
3017+57	57	51	0	108	0	1595	0	1595
3018+00	43	53	0	83	0	1678	0	1678
3018+17	17	48	0	32	0	1710	0	1710
3018+45	28	74	0	63	0	1773	0	1773
3018+86	41	45	0	90	0	1863	0	1863
3019+00	14	49	0	24	0	1887	0	1887
3019+46	46	47	0	82	0	1969	0	1969
3020+00	54	48	0	95	0	2064	0	2064
3021+00	100	45	0	172	0	2236	0	2236
3022+00	100	48	0	172	0	2408	0	2408
3023+00	100	45	0	172	0	2580	0	2580
3024+00	100	47	0	170	0	2750	0	2750
3025+00	100	47	0	174	0	2924	0	2924
3026+00	100	46	0	172	0	3096	0	3096
3027+00	100	44	0	167	0	3263	0	3263
3028+00	100	43	0	161	0	3424	0	3424
3029+00	100	45	0	163	0	3587	0	3587
3030+00	100	46	0	169	0	3756	0	3756
3031+00	100	47	0	172	0	3928	0	3928
3032+00	100	43	0	167	0	4095	0	4095
3033+00	100	46	0	165	0	4260	0	4260
3033+48	48	47	0	83	0	4343	0	4343
3034+00	52	44	0	88	0	4431	0	4431
3034+08	8	50	0	14	0	4445	0	4445
3034+32	24	53	0	46	0	4491	0	4491
3035+00	68	63	0	146	0	4637	0	4637
3035+10	10	49	0	21	0	4658	0	4658
3035+38	28	49	0	51	0	4709	0	4709
3035+77	39	45	0	68	0	4777	0	4777
3036+00	23	47	0	39	0	4816	0	4816
3036+37	37	46	0	64	0	4880	0	4880
3037+00	63	47	0	109	0	4989	0	4989
3038+00	100	49	0	178	0	5167	0	5167
3039+00	100	50	0	183	0	5350	0	5350
3039+79	79	48	0	143	0	5493	0	5493
3040+00	21	48	0	37	0	5530	0	5530
3041+00	100	46	0	174	0	5704	0	5704
3042+00	100	48	0	174	0	5878	0	5878
3043+00	100	50	0	181	0	6059	0	6059
3044+00	100	46	0	178	0	6237	0	6237
3045+00	100	39	0	157	0	6394	0	6394
3046+00	100	32	0	131	0	6525	0	6525
3047+00	100	40	0	133	0	6658	0	6658
3048+00	100	44	0	156	0	6814	0	6814
3048+74	74	44	0	121	0	6935	0	6935
3049+00	26	45	0	43	0	6978	0	6978
3049+34	34	52	0	61	0	7039	0	7039
3049+84	50	52	0	96	0	7135	0	7135
3050+00	16	52	0	31	0	7166	0	7166
3050+59	59	56	1	118	1	7284	1	7283
3051+00	41	53	1	83	2	7367	4	7363
3051+61	61	55	0	122	1	7489	5	7484
3052+00	39	58	0	82	0	7571	5	7566
3052+01	1	46	0	2	0	7573	5	7568
3052+21	20	52	0	36	0	7609	5	7604
3052+28	7	47	0	13	0	7622	5	7617
3052+68	40	51	0	73	0	7695	5	7690
3053+00	32	49	0	59	0	7754	5	7749
3053+04	4	49	0	7	0	7761	5	7756
3053+14	10	52	0	19	0	7780	5	7775
3053+19	5	52	0	10	0	7790	5	7785
3053+37	18	50	0	34	0	7824	5	7819
3053+79	42	48	0	76	0	7900	5	7895
3053+87	8	47	0	14	0	7914	5	7909
3054+00	13	42	0	21	0	7935	5	7930
3054+47	47	41	0	72	0	8007	5	8002
3055+00	53	40	0	80	0	8087	5	8082

STAGE 2 - USH 53 NB - MAINLINE - STA 3009+00 TO STA 3211+00 - DIVISION 3 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
3056+00	100	44	0	156	0	8243	5	8238
3056+56	56	47	0	94	0	8337	5	8332
3057+00	44	47	0	77	0	8414	5	8409
3057+16	16	53	0	30	0	8444	5	8439
3057+40	24	55	0	48	0	8492	5	8487
3058+00	60	64	0	132	0	8624	5	8619
3058+16	16	50	0	34	0	8658	5	8653
3058+48	32	72	0	72	0	8730	5	8725
3058+83	35	45	0	76	0	8806	5	8801
3059+00	17	46	0	29	0	8835	5	8830
3059+43	43	46	0	73	0	8908	5	8903
3060+00	57	46	0	97	0	9005	5	9000
3061+00	100	46	0	170	0	9175	5	9170
3062+00	100	45	0	169	0	9344	5	9339
3063+00	100	47	0	170	0	9514	5	9509
3064+00	100	45	0	170	0	9684	5	9679
3065+00	100	42	0	161	0	9845	5	9840
3066+00	100	45	0	161	0	10006	5	10001
3067+00	100	47	0	170	0	10176	5	10171
3068+00	100	48	0	176	0	10352	5	10347
3069+00	100	47	0	176	0	10528	5	10523
3070+00	100	45	0	170	0	10698	5	10693
3071+00	100	49	0	174	0	10872	5	10867
3072+00	100	47	0	178	0	11050	5	11045
3073+00	100	44	0	169	0	11219	5	11214
3074+00	100	46	0	167	0	11386	5	11381
3075+00	100	44	0	167	0	11553	5	11548
3076+00	100	46	0	167	0	11720	5	11715
3077+00	100	51	0	180	0	11900	5	11895
3078+00	100	53	0	193	0	12093	5	12088
3078+39	39	53	0	77	0	12170	5	12165
3078+99	60	60	6	126	7	12296	14	12282
3079+00	1	60	5	2	0	12298	14	12284
3079+49	49	61	11	110	15	12408	34	12374
3080+00	51	70	22	124	31	12532	74	12458
3080+24	24	72	26	63	21	12595	101	12494
3081+00	76	62	17	189	61	12784	180	12604
3081+05	5	62	15	11	3	12795	184	12611
3081+27	22	62	7	51	9	12846	196	12650
3081+47	20	54	0	43	3	12889	200	12689
3081+65	18	59	0	38	0	12927	200	12727
3081+74	9	60	0	20	0	12947	200	12747
3081+84	10	56	0	21	0	12968	200	12768
3082+00	16	57	0	33	0	13001	200	12801
3082+14	14	57	0	30	0	13031	200	12831
3082+59	45	49	0	88	0	13119	200	12919
3082+61	2	56	0	4	0	13123	200	12923
3082+95	34	52	4	68	3	13191	204	12987
3083+00	5	51	2	10	1	13201	205	12996
3083+19	19	51	1	36	1	13237	206	13031
3083+45	26	49	3	48	2	13285	209	13076
3084+00	55	45	0	96	3	13381	213	13168
3084+05	5	45	0	8	0	13389	213	13176
3085+00	95	47	0	162	0	13551	213	13338
3086+00	100	48	0	176	0	13727	213	13514
3087+00	100	47	0	176	0	13903	213	13690
3088+00	100	43	0	167	0	14070	213	13857
3089+00	100	48	0	169	0	14239	213	14026
3090+00	100	48	0	178	0	14417	213	14204
3091+00	100	51	0	183	0	14600	213	14387
3092+00	100	51	0	189	0	14789	213	14576
3093+00	100	50	0	187	0	14976	213	14763
3094+00	100	48	0	181	0	15157	213	14944
3095+00	100	48	0	178	0	15335	213	15122
3096+00	100	47	0	176	0	15511	213	15298
3097+00	100	50	0	180	0	15691	213	15478
3098+00	100	49	0	183	0	15874	213	15661
3099+00	100	49	0	181	0	16055	213	15842
3100+00	100	52	0	187	0	16242	213	16029
3101+00	100	50	0	189	0	16431	213	16218
3102+00	100	51	0	187	0	16618	213	16405
3103+00	100	48	0	183	0	16801	213	16588
3104+00	100	50	0	181	0	16982	213	16769
3105+00	100	50	0	185	0	17167	213	16954

NOTES:

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2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2 - USH 53 NB - MAINLINE - STA 3009+00 TO STA 3211+00 - DIVISION 3 CONT'D								
		AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		
STATION	DISTANCE	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1 1.00	EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
3105+40	40	48	0	73	0	17240	213	17027
3106+00	60	74	0	136	0	17376	213	17163
3106+30	30	62	0	76	0	17452	213	17239
3106+50	20	63	0	46	0	17498	213	17285
3107+00	50	73	0	126	0	17624	213	17411
3107+25	25	76	0	69	0	17693	213	17480
3107+68	43	82	2	126	2	17819	216	17603
3108+00	32	86	1	100	2	17919	219	17700
3108+51	51	75	1	152	2	18071	222	17849
3109+00	49	59	0	122	1	18193	223	17970
3109+36	36	60	0	79	0	18272	223	18049
3109+82	46	59	0	101	0	18373	223	18150
3110+00	18	62	0	40	0	18413	223	18190
3110+01	1	62	0	2	0	18415	223	18192
3110+15	14	77	0	36	0	18451	223	18228
3110+65	50	68	0	134	0	18585	223	18362
3110+99	34	57	0	79	0	18664	223	18441
3111+00	1	57	0	2	0	18666	223	18443
3111+25	25	58	0	53	0	18719	223	18496
3111+27	2	58	0	4	0	18723	223	18500
3111+87	60	53	0	123	0	18846	223	18623
3112+00	13	53	0	26	0	18872	223	18649
3113+00	100	49	0	189	0	19061	223	18838
3114+00	100	50	0	183	0	19244	223	19021
3115+00	100	56	0	196	0	19440	223	19217
3115+29	29	56	0	60	0	19500	223	19277
3115+89	60	52	0	120	0	19620	223	19397
3116+00	11	52	0	21	0	19641	223	19418
3116+49	49	47	0	90	0	19731	223	19508
3116+91	42	49	0	75	0	19806	223	19583
3117+00	9	49	0	16	0	19822	223	19599
3118+00	100	44	0	172	0	19994	223	19771
3119+00	100	45	0	165	0	20159	223	19936
3120+00	100	51	0	178	0	20337	223	20114
3120+06	6	53	0	12	0	20349	223	20126
3120+18	12	66	0	26	0	20375	223	20152
3120+74	56	41	0	111	0	20486	223	20263
3121+00	26	44	0	41	0	20527	223	20304
3121+24	24	45	0	40	0	20567	223	20344
3121+66	42	43	0	68	0	20635	223	20412
3122+00	34	46	0	56	0	20691	223	20468
3122+26	26	48	0	45	0	20736	223	20513
3122+86	60	54	0	113	0	20849	223	20626
3123+00	14	54	0	28	0	20877	223	20654
3124+00	100	51	0	194	0	21071	223	20848
3125+00	100	48	0	183	0	21254	223	21031
3126+00	100	48	0	178	0	21432	223	21209
3127+00	100	45	0	172	0	21604	223	21381
3128+00	100	50	0	176	0	21780	223	21557
3129+00	100	48	0	181	0	21961	223	21738
3130+00	100	47	0	176	0	22137	223	21914
3131+00	100	49	0	178	0	22315	223	22092
3132+00	100	50	0	183	0	22498	223	22275
3132+50	50	50	0	93	0	22591	223	22368
3133+00	50	44	0	87	0	22678	223	22455
3133+10	10	52	0	18	0	22696	223	22473
3133+31	21	56	0	42	0	22738	223	22515
3133+97	66	66	0	149	0	22887	223	22664
3134+00	3	67	0	7	0	22894	223	22671
3134+58	58	45	0	120	0	23014	223	22791
3135+00	42	46	0	71	0	23085	223	22862
3135+18	18	46	0	31	0	23116	223	22893
3136+00	82	44	0	137	0	23253	223	23030
3137+00	100	45	0	165	0	23418	223	23195
3138+00	100	45	0	167	0	23585	223	23362
3139+00	100	45	0	167	0	23752	223	23529
3140+00	100	47	0	170	0	23922	223	23699
3141+00	100	47	0	174	0	24096	223	23873
3142+00	100	46	0	172	0	24268	223	24045
3143+00	100	45	0	169	0	24437	223	24214
3144+00	100	48	0	172	0	24609	223	24386
3144+39	39	48	0	69	0	24678	223	24455
3144+99	60	55	0	114	0	24792	223	24569
3145+00	1	55	0	2	0	24794	223	24571

STAGE 2 - USH 53 NB - MAINLINE - STA 3009+00 TO STA 3211+00 - DIVISION 3 CONT'D								
		AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		
STATION	DISTANCE	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1 1.00	EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
3145+49	49	52	0	97	0	24891	223	24668
3146+00	51	54	6	100	6	24991	231	24760
3146+24	24	55	11	48	8	25039	241	24798
3147+00	76	56	7	156	25	25195	274	24921
3148+00	100	57	1	209	15	25404	294	25110
3148+80	80	59	0	172	1	25576	295	25281
3149+00	20	64	0	46	0	25622	295	25327
3149+15	15	55	0	33	0	25655	295	25360
3149+40	25	55	0	51	0	25706	295	25411
3149+44	4	52	0	8	0	25714	295	25419
3149+78	34	58	0	69	0	25783	295	25488
3150+00	22	57	0	47	0	25830	295	25535
3150+08	8	52	0	16	0	25846	295	25551
3150+39	31	51	0	59	0	25905	295	25610
3150+68	29	51	7	55	4	25960	300	25660
3150+72	4	51	6	8	1	25968	301	25667
3151+00	28	50	4	52	5	26020	308	25712
3151+22	22	45	3	39	3	26059	312	25747
3151+82	60	42	0	97	3	26156	316	25840
3152+00	18	42	0	28	0	26184	316	25868
3153+00	100	45	0	161	0	26345	316	26029
3154+00	100	41	0	159	0	26504	316	26188
3155+00	100	39	0	148	0	26652	316	26336
3156+00	100	40	0	146	0	26798	316	26482
3157+00	100	49	0	165	0	26963	316	26647
3158+00	100	55	0	193	0	27156	316	26840
3159+00	100	56	0	206	0	27362	316	27046
3160+00	100	53	0	202	0	27564	316	27248
3161+00	100	52	0	194	0	27758	316	27442
3162+00	100	60	0	207	0	27965	316	27649
3163+00	100	56	0	215	0	28180	316	27864
3164+00	100	54	0	204	0	28384	316	28068
3165+00	100	54	0	200	0	28584	316	28268
3165+95	95	47	0	178	0	28762	316	28446
3166+00	5	47	0	9	0	28771	316	28455
3166+55	55	41	0	90	0	28861	316	28545
3166+92	37	65	0	73	0	28934	316	28618
3167+00	8	60	0	19	0	28953	316	28637
3167+24	24	43	0	46	0	28999	316	28683
3167+84	60	52	0	106	0	29105	316	28789
3168+00	16	53	0	31	0	29136	316	28820
3169+00	100	52	0	194	0	29330	316	29014
3170+00	100	53	0	194	0	29524	316	29208
3171+00	100	55	0	200	0	29724	316	29408
3172+00	100	55	0	204	0	29928	316	29612
3173+00	100	50	0	194	0	30122	316	29806
3173+32	32	49	0	59	0	30181	316	29865
3173+92	60	45	0	104	0	30285	316	29969
3174+00	8	49	0	14	0	30299	316	29983
3174+29	29	65	0	61	0	30360	316	30044
3174+61	32	44	0	65	0	30425	316	30109
3175+00	39	51	0	69	0	30494	316	30178

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2 - USH 53 NB - MAINLINE - STA 3009+00 TO STA 3211+00 - DIVISION 3 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
3175+21	21	50	0	39	0	30533	316	30217
3176+00	79	50	0	146	0	30679	316	30363
3176+84	84	49	0	154	0	30833	316	30517
3177+00	16	50	0	29	0	30862	316	30546
3177+44	44	47	0	79	0	30941	316	30625
3177+79	35	67	0	74	0	31015	316	30699
3178+00	21	58	0	49	0	31064	316	30748
3178+13	13	49	0	26	0	31090	316	30774
3178+73	60	51	0	111	0	31201	316	30885
3179+00	27	54	0	53	0	31254	316	30938
3180+00	100	54	0	200	0	31454	316	31138
3181+00	100	53	0	198	0	31652	316	31336
3182+00	100	49	0	189	0	31841	316	31525
3183+00	100	52	0	187	0	32028	316	31712
3184+00	100	53	0	194	0	32222	316	31906
3184+63	63	53	0	124	0	32346	316	32030
3185+00	37	49	0	70	0	32416	316	32100
3185+23	23	55	0	44	0	32460	316	32144
3185+36	13	57	0	27	0	32487	316	32171
3186+00	64	57	0	135	0	32622	316	32306
3186+73	73	61	2	160	3	32782	320	32462
3187+00	27	58	2	60	2	32842	323	32519
3188+00	100	64	3	226	9	33068	335	32733
3188+26	26	51	0	55	1	33123	336	32787
3189+00	74	53	0	143	0	33266	336	32930
3189+42	42	49	0	79	0	33345	336	33009
3189+49	7	62	0	14	0	33359	336	33023
3190+00	51	53	0	109	0	33468	336	33132
3190+09	9	53	0	18	0	33486	336	33150
3191+00	91	52	0	177	0	33663	336	33327
3192+00	100	52	0	193	0	33856	336	33520
3193+00	100	50	0	189	0	34045	336	33709
3194+00	100	46	0	178	0	34223	336	33887
3195+00	100	45	0	169	0	34392	336	34056
3196+00	100	48	0	172	0	34564	336	34228
3197+00	100	51	0	183	0	34747	336	34411
3198+00	100	50	0	187	0	34934	336	34598
3199+00	100	49	0	183	0	35117	336	34781
3199+71	71	50	0	130	0	35247	336	34911
3200+00	29	50	0	54	0	35301	336	34965
3200+31	31	45	0	55	0	35356	336	35020
3200+71	40	68	0	84	0	35440	336	35104
3201+00	29	45	0	61	0	35501	336	35165
3201+60	60	49	0	104	0	35605	336	35269
3202+00	40	51	0	74	0	35679	336	35343
3203+00	100	53	0	193	0	35872	336	35536
3204+00	100	50	0	191	0	36063	336	35727
3204+80	80	50	0	148	0	36211	336	35875
3205+00	20	50	0	37	0	36248	336	35912
3205+40	40	56	0	79	0	36327	336	35991
3206+00	60	56	0	124	0	36451	336	36115
3207+00	100	56	0	207	0	36658	336	36322
3208+00	100	58	0	211	0	36869	336	36533
3209+00	100	54	0	207	0	37076	336	36740
3210+00	100	56	2	204	4	37280	341	36939
3211+00	100	62	0	219	4	37499	346	37153
				37499	265			

STAGE 2 - USH 53 NB - MAINLINE - STA 3211+00 TO STA 3230+00 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
3211+00	0	26	0	0	0	0	0	0
3212+00	100	26	0	96	0	96	0	96
3213+00	100	26	0	96	0	192	0	192
3214+00	100	27	0	98	0	290	0	290
3215+00	100	27	0	100	0	390	0	390
3216+00	100	26	0	98	0	488	0	488
3217+00	100	44	0	130	0	618	0	618
3217+16	16	43	0	26	0	644	0	644
3218+00	84	26	0	107	0	751	0	751
3219+00	100	28	0	100	0	851	0	851
3220+00	100	27	0	102	0	953	0	953
3221+00	100	25	0	96	0	1049	0	1049
3222+00	100	26	0	94	0	1143	0	1143
3223+00	100	25	0	94	0	1237	0	1237
3224+00	100	25	0	93	0	1330	0	1330
3225+00	100	26	0	94	0	1424	0	1424
3226+00	100	26	0	96	0	1520	0	1520
3227+00	100	26	0	96	0	1616	0	1616
3228+00	100	26	0	96	0	1712	0	1712
3229+00	100	27	0	98	0	1810	0	1810
3229+40	40	27	0	40	0	1850	0	1850
3230+00	60	25	0	58	0	1908	0	1908
				1908	0			

STAGE 2 - 26TH AVE - STA 15+20 TO STA 15+90 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
15+20	0	0	0	0	0	0	0	0
15+39	19	63	0	22	0	22	0	22
15+45	6	89	0	17	0	39	0	39
15+50	5	108	1	18	0	57	0	57
15+54	4	122	1	17	0	74	0	74
15+87	33	60	16	111	10	185	13	172
15+90	3	67	0	7	1	192	14	178
				192	11			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2 - 27TH AVE - STA 20+24 TO STA 21+16 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
20+24	0	158	0	0	0	0	0	0
20+48	24	85	0	108	0	108	0	108
20+50	2	81	0	6	0	114	0	114
20+59	9	68	0	25	0	139	0	139
20+72	13	60	1	31	0	170	0	170
20+73	1	61	1	2	0	172	0	172
20+75	2	61	0	5	0	177	0	177
20+77	2	63	0	5	0	182	0	182
21+00	23	55	1	50	0	232	0	232
21+16	16	51	1	31	1	263	1	262
				263	1			

STAGE 2 - PIERCE RD - STA 50+89 TO STA 51+69 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
50+89	0	0	0	0	0	0	0	0
51+00	11	31	0	6	0	6	0	6
51+06	6	46	0	9	0	15	0	15
51+07	1	51	0	2	0	17	0	17
51+28	21	90	0	55	0	72	0	72
51+35	7	80	0	22	0	94	0	94
51+39	4	74	0	11	0	105	0	105
51+69	30	53	0	71	0	176	0	176
				176	0			

STAGE 2 - 29 3/4 AVE - STA 30+99 TO STA 31+33 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
30+99	0	99	0	0	0	0	0	0
31+00	1	98	0	4	0	4	0	4
31+05	5	94	0	18	0	22	0	22
31+13	8	72	3	25	0	47	0	47
31+19	6	66	3	15	1	62	1	61
31+33	14	56	0	32	1	94	2	92
				94	2			

STAGE 2 - A&J RD - STA 60+86 TO STA 61+68 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
60+86	0	0	0	0	0	0	0	0
61+00	14	34	2	9	1	9	1	8
61+03	3	45	1	4	0	13	1	12
61+08	5	62	0	10	0	23	1	22
61+34	26	70	0	64	0	87	1	86
61+36	2	67	0	5	0	92	1	91
61+43	7	58	0	16	0	108	1	107
61+68	25	45	0	48	0	156	1	155
				156	1			

STAGE 2 - 30TH AVE - STA 42+86 TO STA 43+75 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
42+86	0	0	0	0	0	0	0	0
43+00	14	48	3	12	1	12	1	11
43+03	3	61	1	6	0	18	1	17
43+08	5	82	0	13	0	31	1	30
43+22	14	143	0	58	0	89	1	88
43+32	10	102	1	45	0	134	1	133
43+37	5	90	1	18	0	152	1	151
43+75	38	71	0	113	1	265	2	263
				265	2			

STAGE 2 - LONG LAKE RD - STA 73+87 TO STA 75+10 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
73+87	0	0	0	0	0	0	0	0
74+00	13	49	0	12	0	12	0	12
74+02	2	57	0	4	0	16	0	16
74+27	25	138	0	90	0	106	0	106
74+36	9	106	0	41	0	147	0	147
74+40	4	89	0	14	0	161	0	161
74+50	10	68	0	29	0	190	0	190
74+90	40	46	0	84	0	274	0	274
75+00	10	48	0	17	0	291	0	291
75+10	10	49	0	18	0	309	0	309
				309	0			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2 - DUCK POND RD - STA 80+97 TO STA 81+75 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
80+97	0	0	0	0	0	0	0	0
80+98	1	112	0	2	0	2	0	2
81+00	2	199	0	12	0	14	0	14
81+12	12	139	0	75	0	89	0	89
81+22	10	107	0	46	0	135	0	135
81+44	22	61	0	68	0	203	0	203
81+62	18	50	2	37	1	240	1	239
81+75	13	48	2	24	1	264	2	262
				264	2			

STAGE 3 - CTH V SB ENTRANCE TEMPORARY RAMP CROSSOVER - STA 100+00 TO STA 114+31 - DIVISION 4

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
100+00	0	9	0	0	0	0	0	0
101+00	100	8	0	31	0	31	0	31
101+41	41	8	0	12	0	43	0	43
102+00	59	8	0	17	0	60	0	60
103+00	100	9	4	31	7	91	9	82
104+00	100	10	2	35	11	126	23	103
104+31	31	10	5	11	4	137	28	109
105+00	69	11	5	27	13	164	45	119
106+00	100	12	6	43	20	207	71	136
107+00	100	11	7	43	24	250	102	148
108+00	100	12	6	43	24	293	133	160
109+00	100	12	6	44	22	337	162	175
109+26	26	12	4	12	5	349	169	180
110+00	74	14	6	36	14	385	187	198
110+04	4	14	8	2	1	387	188	199
110+44	40	26	7	30	11	417	202	215
110+45	1	26	7	1	0	418	202	216
110+49	4	18	6	3	1	421	203	218
110+75	26	25	5	21	5	442	210	232
111+00	25	22	6	22	5	464	217	247
111+13	13	18	7	10	3	474	221	253
111+32	19	10	12	10	7	484	230	254
111+80	48	2	23	11	31	495	270	225
111+81	1	9	23	0	1	495	271	224
112+00	19	9	21	6	15	501	291	210
113+00	100	9	11	33	59	534	368	166
113+44	44	9	4	15	12	549	384	165
113+89	45	10	0	16	3	565	388	177
114+00	11	10	0	4	0	569	388	181
114+31	31	10	0	11	0	580	388	192
				580	298			

STAGE 3 - CTH V SB EXIT TEMPORARY RAMP CROSSOVER - STA 101+33 TO STA 115+21 - DIVISION 4

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
101+33	0	10	0	0	0	0	0	0
101+71	38	10	0	14	0	14	0	14
102+00	29	10	0	11	0	25	0	25
102+85	85	9	6	30	9	55	12	43
103+00	15	9	8	5	4	60	17	43
104+00	100	15	16	44	44	104	74	30
104+40	40	16	16	23	24	127	105	22
104+83	43	14	16	24	25	151	138	13
104+84	1	7	16	0	1	151	139	12
105+00	16	6	18	4	10	155	152	3
106+00	100	3	22	17	74	172	248	-76
106+41	41	2	20	4	32	176	290	-114
106+42	1	9	20	0	1	176	291	-115
107+22	80	9	17	27	55	203	363	-160
108+00	78	9	13	26	43	229	419	-190
108+27	27	9	11	9	12	238	435	-197
109+00	73	10	6	26	23	264	465	-201
110+00	100	10	5	37	20	301	491	-190
111+00	100	10	6	37	20	338	517	-179
112+00	100	9	12	35	33	373	560	-187
112+12	12	12	2	5	3	378	564	-186
112+28	16	9	4	6	2	384	567	-183
113+00	72	9	6	24	13	408	584	-176
113+21	21	9	6	7	5	415	591	-176
114+00	79	9	2	26	12	441	607	-166
114+71	71	9	0	24	3	465	611	-146
115+00	29	10	0	10	0	475	611	-136
115+21	21	10	0	8	0	483	611	-128
				483	468			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 4 - USH 53 SB - MAINLINE - STA 5770+92 TO STA 5878+10 - DIVISION 5

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5770+92	0	49	0	0	0	0	0	0
5771+00	8	66	0	17	0	17	0	17
5771+07	7	66	0	17	0	34	0	34
5771+22	15	68	0	37	0	71	0	71
5772+00	78	75	0	207	0	278	0	278
5773+00	100	67	0	263	0	541	0	541
5774+00	100	54	0	224	0	765	0	765
5774+32	32	55	0	65	0	830	0	830
5774+92	60	64	0	132	0	962	0	962
5775+00	8	64	0	19	0	981	0	981
5775+25	25	64	0	59	0	1040	0	1040
5775+32	7	63	0	16	0	1056	0	1056
5775+79	47	59	0	106	0	1162	0	1162
5775+85	6	58	0	13	0	1175	0	1175
5775+96	11	53	0	23	0	1198	0	1198
5776+00	4	54	0	8	0	1206	0	1206
5776+25	25	60	0	53	0	1259	0	1259
5776+45	20	61	0	45	0	1304	0	1304
5776+87	42	61	0	95	0	1399	0	1399
5777+00	13	68	0	31	0	1430	0	1430
5777+04	4	70	0	10	0	1440	0	1440
5777+05	1	87	0	3	0	1443	0	1443
5777+38	33	57	8	88	5	1531	7	1524
5777+42	4	64	27	9	3	1540	11	1529
5777+65	23	62	31	54	25	1594	44	1550
5778+00	35	63	24	81	36	1675	91	1584
5779+00	100	67	22	241	85	1916	202	1714
5779+24	24	67	17	60	17	1976	224	1752
5780+00	76	65	9	186	37	2162	272	1890
5780+37	37	66	8	90	12	2252	288	1964
5780+50	13	66	7	32	4	2284	293	1991
5781+00	50	61	7	118	13	2402	310	2092
5781+59	59	59	8	131	16	2533	331	2202
5782+00	41	58	4	89	9	2622	343	2279
5782+34	34	57	3	72	4	2694	348	2346
5782+84	50	50	5	99	7	2793	357	2436
5783+00	16	46	4	28	3	2821	361	2460
5784+00	100	40	0	159	7	2980	370	2610
5785+00	100	40	0	148	0	3128	370	2758
5786+00	100	44	0	156	0	3284	370	2914
5787+00	100	47	0	169	0	3453	370	3083
5788+00	100	49	0	178	0	3631	370	3261
5789+00	100	49	0	181	0	3812	370	3442
5790+00	100	51	0	185	0	3997	370	3627
5791+00	100	48	0	183	0	4180	370	3810
5792+00	100	51	0	183	0	4363	370	3993
5793+00	100	52	0	191	0	4554	370	4184
5794+00	100	53	0	194	0	4748	370	4378
5795+00	100	55	0	200	0	4948	370	4578
5796+00	100	53	0	200	0	5148	370	4778
5797+00	100	54	0	198	0	5346	370	4976
5798+00	100	54	0	200	0	5546	370	5176
5799+00	100	57	2	206	4	5752	375	5377
5799+40	40	59	4	86	4	5838	380	5458
5800+00	60	54	2	126	7	5964	389	5575
5800+60	60	48	3	113	6	6077	397	5680
5801+00	40	48	2	71	4	6148	402	5746
5801+20	20	48	2	36	1	6184	403	5781
5801+80	60	49	2	108	4	6292	408	5884
5802+00	20	49	2	36	1	6328	409	5919
5802+09	9	49	2	16	1	6344	410	5934
5803+00	91	52	4	170	10	6514	423	6091
5803+18	18	53	5	35	3	6549	427	6122
5803+78	60	47	5	111	11	6660	441	6219
5804+00	22	46	4	38	4	6698	446	6252
5804+38	38	45	2	64	4	6762	451	6311
5804+63	25	47	4	43	3	6805	455	6350
5804+98	35	47	2	61	4	6866	460	6406
5805+00	2	47	2	3	0	6869	460	6409

STAGE 4 - USH 53 SB - MAINLINE - STA 5770+92 TO STA 5878+10 - DIVISION 5 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5805+58	58	48	1	102	3	6971	464	6507
5806+00	42	48	4	75	4	7046	469	6577
5807+00	100	47	6	176	19	7222	494	6728
5808+00	100	44	10	169	30	7391	533	6858
5809+00	100	44	10	163	37	7554	581	6973
5810+00	100	43	11	161	39	7715	632	7083
5811+00	100	43	11	159	41	7874	685	7189
5812+00	100	41	7	156	33	8030	728	7302
5812+09	9	42	15	14	4	8044	733	7311
5813+00	91	42	11	142	44	8186	790	7396
5814+00	100	42	9	156	37	8342	838	7504
5815+00	100	41	14	154	43	8496	894	7602
5816+00	100	38	17	146	57	8642	968	7674
5817+00	100	37	22	139	72	8781	1062	7719
5818+00	100	37	16	137	70	8918	1153	7765
5819+00	100	34	20	131	67	9049	1240	7809
5820+00	100	34	19	126	72	9175	1334	7841
5821+00	100	41	10	139	54	9314	1404	7910
5822+00	100	48	3	165	24	9479	1435	8044
5822+46	46	52	0	85	3	9564	1439	8125
5822+67	21	45	0	38	0	9602	1439	8163
5822+72	5	47	0	9	0	9611	1439	8172
5822+79	7	52	0	13	0	9624	1439	8185
5822+90	11	53	0	21	0	9645	1439	8206
5822+97	7	54	0	14	0	9659	1439	8220
5823+00	3	54	0	6	0	9665	1439	8226
5823+06	6	54	0	12	0	9677	1439	8238
5823+20	14	55	0	28	0	9705	1439	8266
5823+37	17	56	0	35	0	9740	1439	8301
5823+43	6	78	4	15	0	9755	1439	8316
5823+66	23	67	13	62	7	9817	1448	8369
5823+89	23	58	10	53	10	9870	1461	8409
5823+93	4	57	10	9	1	9879	1462	8417
5823+96	3	56	11	6	1	9885	1463	8422
5824+00	4	52	12	8	2	9893	1466	8427
5824+26	26	49	12	49	12	9942	1482	8460
5824+86	60	45	11	104	26	10046	1516	8530
5825+00	14	44	11	23	6	10069	1524	8545

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 4 - USH 53 SB - MAINLINE - STA 5770+92 TO STA 5878+10 - DIVISION 5 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5826+00	100	37	2	150	24	10219	1555	8664
5827+00	100	40	1	143	6	10362	1563	8799
5827+37	37	43	3	57	3	10419	1567	8852
5828+00	63	46	2	104	6	10523	1575	8948
5829+00	100	47	2	172	7	10695	1584	9111
5830+00	100	46	4	172	11	10867	1598	9269
5831+00	100	48	2	174	11	11041	1612	9429
5832+00	100	48	1	178	6	11219	1620	9599
5833+00	100	51	1	183	4	11402	1625	9777
5834+00	100	51	0	189	2	11591	1628	9963
5835+00	100	53	0	193	0	11784	1628	10156
5835+31	31	49	0	59	0	11843	1628	10215
5836+00	69	46	0	121	0	11964	1628	10336
5837+00	100	43	0	165	0	12129	1628	10501
5838+00	100	42	0	157	0	12286	1628	10658
5839+00	100	43	0	157	0	12443	1628	10815
5840+00	100	47	0	167	0	12610	1628	10982
5841+00	100	45	0	170	0	12780	1628	11152
5842+00	100	48	0	172	0	12952	1628	11324
5843+00	100	51	0	183	0	13135	1628	11507
5844+00	100	50	0	187	0	13322	1628	11694
5845+00	100	47	0	180	0	13502	1628	11874
5846+00	100	42	0	165	0	13667	1628	12039
5847+00	100	42	0	156	0	13823	1628	12195
5848+00	100	47	0	165	0	13988	1628	12360
5849+00	100	48	0	176	0	14164	1628	12536
5849+03	3	48	0	5	0	14169	1628	12541
5849+63	60	46	0	104	0	14273	1628	12645
5850+00	37	44	0	62	0	14335	1628	12707
5850+23	23	41	0	36	0	14371	1628	12743
5850+65	42	41	0	64	0	14435	1628	12807
5851+00	35	41	0	53	0	14488	1628	12860
5852+00	100	41	0	152	0	14640	1628	13012
5853+00	100	40	0	150	0	14790	1628	13162
5854+00	100	41	0	150	0	14940	1628	13312
5855+00	100	40	0	150	0	15090	1628	13462
5856+00	100	40	0	148	0	15238	1628	13610
5857+00	100	39	0	146	0	15384	1628	13756
5858+00	100	41	0	148	0	15532	1628	13904
5859+00	100	41	0	152	0	15684	1628	14056
5860+00	100	42	0	154	0	15838	1628	14210
5861+00	100	42	0	156	0	15994	1628	14366
5862+00	100	43	0	157	0	16151	1628	14523
5862+93	93	43	0	148	0	16299	1628	14671
5863+00	7	42	0	11	0	16310	1628	14682
5863+35	35	38	0	52	0	16362	1628	14734
5863+95	60	40	0	87	0	16449	1628	14821
5864+00	5	41	0	8	0	16457	1628	14829
5864+55	55	44	0	87	0	16544	1628	14916
5865+00	45	42	0	72	0	16616	1628	14988
5866+00	100	43	0	157	0	16773	1628	15145
5867+00	100	45	0	163	0	16936	1628	15308
5868+00	100	48	0	172	0	17108	1628	15480
5869+00	100	56	0	193	0	17301	1628	15673
5870+00	100	54	0	204	0	17505	1628	15877
5871+00	100	52	0	196	0	17701	1628	16073
5872+00	100	48	0	185	0	17886	1628	16258
5872+84	84	48	0	149	0	18035	1628	16407
5873+00	16	52	0	30	0	18065	1628	16437
5873+72	72	58	0	147	0	18212	1628	16584
5874+00	28	59	0	61	0	18273	1628	16645
5874+32	32	61	0	71	0	18344	1628	16716
5874+57	25	61	0	56	0	18400	1628	16772
5874+82	25	61	0	56	0	18456	1628	16828
5875+00	18	63	0	41	0	18497	1628	16869
5876+00	100	59	0	226	0	18723	1628	17095
5877+00	100	57	0	215	0	18938	1628	17310
5878+00	100	51	0	200	0	19138	1628	17510
5878+10	10	51	0	19	0	19157	1628	17529
				19157	1252			

STAGE 4 - USH 53 SB - MAINLINE - STA 5929+36 TO STA 6009+00 - DIVISION 5

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5929+36	0	44	0	0	0	0	0	0
5930+00	64	44	0	104	0	104	0	104
5931+00	100	44	0	163	0	267	0	267
5932+00	100	42	0	159	0	426	0	426
5933+00	100	43	0	157	0	583	0	583
5934+00	100	42	0	157	0	740	0	740
5935+00	100	41	0	154	0	894	0	894
5936+00	100	40	0	150	0	1044	0	1044
5937+00	100	38	0	144	0	1188	0	1188
5938+00	100	42	0	148	0	1336	0	1336
5938+09	9	42	0	14	0	1350	0	1350
5938+51	42	40	0	64	0	1414	0	1414
5939+00	49	45	0	77	0	1491	0	1491
5939+11	11	46	0	19	0	1510	0	1510
5939+71	60	55	0	112	0	1622	0	1622
5940+00	29	55	0	59	0	1681	0	1681
5941+00	100	51	0	196	0	1877	0	1877
5942+00	100	51	0	189	0	2066	0	2066
5943+00	100	53	0	193	0	2259	0	2259
5944+13	113	51	0	218	0	2477	0	2477
5944+87	74	52	0	141	0	2618	0	2618
5945+00	13	52	0	25	0	2643	0	2643
5946+00	100	55	0	198	0	2841	0	2841
5947+00	100	58	0	209	0	3050	0	3050
5948+00	100	61	0	220	0	3270	0	3270
5949+00	100	58	0	220	0	3490	0	3490
5950+00	100	58	0	215	0	3705	0	3705
5951+00	100	53	0	206	0	3911	0	3911
5951+88	88	46	0	161	0	4072	0	4072
5952+00	12	46	0	20	0	4092	0	4092
5953+00	100	45	0	169	0	4261	0	4261
5954+00	100	42	0	161	0	4422	0	4422
5955+00	100	39	0	150	0	4572	0	4572
5955+15	15	41	0	22	0	4594	0	4594
5955+75	60	44	0	94	0	4688	0	4688
5955+97	22	50	0	38	0	4726	0	4726
5956+00	3	50	0	6	0	4732	0	4732
5956+12	12	51	0	22	0	4754	0	4754
5956+28	16	50	0	30	0	4784	0	4784
5956+49	21	45	0	37	0	4821	0	4821
5957+00	51	49	0	89	0	4910	0	4910
5957+09	9	48	0	16	0	4926	0	4926
5958+00	91	43	0	153	0	5079	0	5079
5959+00	100	39	0	152	0	5231	0	5231
5960+00	100	39	0	144	0	5375	0	5375
5960+76	76	45	0	118	0	5493	0	5493
5961+00	24	44	0	40	0	5533	0	5533
5961+36	36	44	0	59	0	5592	0	5592
5961+96	60	42	0	96	0	5688	0	5688
5962+00	4	42	0	6	0	5694	0	5694
5962+56	56	43	0	88	0	5782	0	5782
5962+98	42	45	0	68	0	5850	0	5850
5963+00	2	45	0	3	0	5853	0	5853
5964+00	100	50	0	176	0	6029	0	6029
5965+00	100	51	0	187	0	6216	0	6216
5966+00	100	53	0	193	0	6409	0	6409
5967+00	100	51	0	193	0	6602	0	6602
5968+00	100	51	0	189	0	6791	0	6791
5969+00	100	47	0	181	0	6972	0	6972
5969+93	93	45	0	158	0	7130	0	7130
5970+00	7	46	0	12	0	7142	0	7142

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 4 - USH 53 SB - MAINLINE - STA 5929+36 TO STA 6009+00 - DIVISION 5 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5970+11	11	48	0	19	0	7161	0	7161
5970+15	4	48	0	7	0	7168	0	7168
5970+30	15	49	0	27	0	7195	0	7195
5970+45	15	49	0	27	0	7222	0	7222
5970+62	17	50	0	31	0	7253	0	7253
5971+00	38	58	0	76	0	7329	0	7329
5971+13	13	57	0	28	0	7357	0	7357
5971+21	8	57	0	17	0	7374	0	7374
5971+48	27	56	0	57	0	7431	0	7431
5971+73	25	49	0	49	0	7480	0	7480
5972+00	27	50	0	50	0	7530	0	7530
5972+08	8	51	0	15	0	7545	0	7545
5972+33	25	53	0	48	0	7593	0	7593
5973+00	67	49	0	127	0	7720	0	7720
5974+00	100	50	0	183	0	7903	0	7903
5975+00	100	51	0	187	0	8090	0	8090
5976+00	100	52	0	191	0	8281	0	8281
5977+00	100	44	0	178	0	8459	0	8459
5978+00	100	47	0	169	0	8628	0	8628
5979+00	100	44	0	169	0	8797	0	8797
5980+00	100	43	0	161	0	8958	0	8958
5981+00	100	47	0	167	0	9125	0	9125
5982+00	100	50	0	180	0	9305	0	9305
5983+00	100	50	0	185	0	9490	0	9490
5984+00	100	51	0	187	0	9677	0	9677
5984+98	98	53	0	189	0	9866	0	9866
5985+00	2	53	0	4	0	9870	0	9870
5985+58	58	50	0	111	0	9981	0	9981
5985+80	22	52	0	42	0	10023	0	10023
5985+93	13	50	0	25	0	10048	0	10048
5986+00	7	51	0	13	0	10061	0	10061
5986+10	10	52	0	19	0	10080	0	10080
5986+27	17	53	0	33	0	10113	0	10113
5986+40	13	53	0	26	0	10139	0	10139
5987+00	60	70	2	137	2	10276	3	10273
5987+18	18	69	3	46	2	10322	6	10316
5988+00	82	64	0	202	5	10524	13	10511
5988+56	56	64	0	133	0	10657	13	10644
5988+68	12	64	0	28	0	10685	13	10672
5989+00	32	59	0	73	0	10758	13	10745
5989+28	28	60	0	62	0	10820	13	10807
5990+00	72	62	0	163	0	10983	13	10970
5991+00	100	63	0	231	0	11214	13	11201
5992+00	100	65	0	237	0	11451	13	11438
5993+00	100	63	0	237	0	11688	13	11675
5994+00	100	62	0	231	0	11919	13	11906
5995+00	100	62	0	230	0	12149	13	12136
5996+00	100	63	0	231	0	12380	13	12367
5997+00	100	62	0	231	0	12611	13	12598
5998+00	100	66	0	237	0	12848	13	12835
5998+02	2	66	0	5	0	12853	13	12840
5998+62	60	75	0	157	0	13010	13	12997
5998+86	24	76	0	67	0	13077	13	13064
5998+93	7	78	0	20	0	13097	13	13084
5999+00	7	80	0	20	0	13117	13	13104
5999+02	2	80	0	6	0	13123	13	13110
5999+46	44	68	1	121	1	13244	14	13230
5999+49	3	61	0	7	0	13251	14	13237
5999+62	13	65	0	30	0	13281	14	13267
6000+00	38	65	0	91	0	13372	14	13358
6000+03	3	65	0	7	0	13379	14	13365
6000+48	45	66	0	109	0	13488	14	13474
6000+58	10	67	0	25	0	13513	14	13499
6000+85	27	79	0	73	0	13586	14	13572
6001+00	15	85	0	46	0	13632	14	13618
6002+00	100	84	6	313	11	13945	28	13917
6002+36	36	84	11	112	11	14057	42	14015
6003+00	64	81	15	196	31	14253	82	14171
6003+73	73	83	12	222	37	14475	130	14345
6003+86	13	82	12	40	6	14515	138	14377
6004+00	14	73	9	40	5	14555	145	14410
6004+46	46	68	0	120	8	14675	155	14520
6004+60	14	68	0	35	0	14710	155	14555
6005+00	40	65	0	99	0	14809	155	14654
6005+10	10	65	0	24	0	14833	155	14678
6005+70	60	57	0	136	0	14969	155	14814
6006+00	30	57	0	63	0	15032	155	14877
6007+00	100	50	0	198	0	15230	155	15075
6008+00	100	49	0	183	0	15413	155	15258
6009+00	100	49	0	181	0	15594	155	15439
				15594	119			

STAGE 4 - USH 53 SB - MAINLINE - STA 6009+00 TO STA 6209+65 - DIVISION 5

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6009+00	0	49	0	0	0	0	0	0
6010+00	100	50	0	183	0	183	0	183
6011+00	100	51	0	187	0	370	0	370
6012+00	100	48	0	183	0	553	0	553
6013+00	100	46	0	174	0	727	0	727
6014+00	100	50	0	178	0	905	0	905
6015+00	100	54	0	193	0	1098	0	1098
6016+00	100	57	0	206	0	1304	0	1304
6017+00	100	54	0	206	0	1510	0	1510
6017+35	35	53	0	69	0	1579	0	1579
6017+95	60	48	0	112	0	1691	0	1691
6018+00	5	49	0	9	0	1700	0	1700
6018+09	9	53	0	17	0	1717	0	1717
6018+17	8	53	0	16	0	1733	0	1733
6018+23	6	53	0	12	0	1745	0	1745
6018+47	24	54	0	48	0	1793	0	1793
6018+58	11	54	0	22	0	1815	0	1815
6018+63	5	54	0	10	0	1825	0	1825
6019+00	37	63	1	80	1	1905	1	1904
6019+65	65	55	0	142	1	2047	2	2045
6019+97	32	54	0	65	0	2112	2	2110
6020+00	3	49	0	6	0	2118	2	2116
6020+57	57	48	0	102	0	2220	2	2218
6021+00	43	47	0	76	0	2296	2	2294
6022+00	100	48	0	176	0	2472	2	2470
6023+00	100	47	0	176	0	2648	2	2646
6024+00	100	46	0	172	0	2820	2	2818
6025+00	100	49	0	176	0	2996	2	2994
6026+00	100	49	0	181	0	3177	2	3175
6027+00	100	50	0	183	0	3360	2	3358
6028+00	100	48	0	181	0	3541	2	3539
6029+00	100	48	0	178	0	3719	2	3717
6030+00	100	48	0	178	0	3897	2	3895
6031+00	100	48	0	178	0	4075	2	4073
6032+00	100	50	0	181	0	4256	2	4254
6033+00	100	46	0	178	0	4434	2	4432
6034+00	100	46	0	170	0	4604	2	4602
6034+26	26	48	0	45	0	4649	2	4647
6034+82	56	52	0	104	0	4753	2	4751
6034+86	4	46	0	7	0	4760	2	4758
6035+00	14	63	0	28	0	4788	2	4786
6035+03	3	69	0	7	0	4795	2	4793
6035+16	13	82	0	36	0	4831	2	4829
6035+33	17	56	0	43	0	4874	2	4872
6035+42	9	55	0	19	0	4893	2	4891
6035+56	14	50	0	27	0	4920	2	4918
6036+00	44	51	0	82	0	5002	2	5000
6036+16	16	51	0	30	0	5032	2	5030
6037+00	84	51	0	159	0	5191	2	5189
6038+00	100	53	0	193	0	5384	2	5382
6039+00	100	49	0	189	0	5573	2	5571
6039+58	58	49	0	105	0	5678	2	5676
6040+00	42	49	0	76	0	5754	2	5752
6041+00	100	51	0	185	0	5939	2	5937
6042+00	100	50	0	187	0	6126	2	6124
6043+00	100	51	0	187	0	6313	2	6311
6044+00	100	49	0	185	0	6498	2	6496
6045+00	100	47	0	178	0	6676	2	6674
6046+00	100	44	0	169	0	6845	2	6843
6047+00	100	44	0	163	0	7008	2	7006
6048+00	100	44	0	163	0	7171	2	7169
6049+00	100	46	0	167	0	7338	2	7336
6050+00	100	46	0	170	0	7508	2	7506
6051+00	100	45	0	169	0	7677	2	7675
6051+43	43	46	0	72	0	7749	2	7747
6052+00	57	45	0	96	0	7845	2	7843

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 4 - USH 53 SB - MAINLINE - STA 6009+00 TO STA 6209+65 - DIVISION 5 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6052+03	3	51	0	5	0	7850	2	7848
6052+10	7	53	0	13	0	7863	2	7861
6052+20	10	58	0	21	0	7884	2	7882
6052+35	15	49	0	30	0	7914	2	7912
6052+44	9	50	0	17	0	7931	2	7929
6052+68	24	49	0	44	0	7975	2	7973
6052+74	6	49	0	11	0	7986	2	7984
6053+00	26	50	0	48	0	8034	2	8032
6053+03	3	50	0	6	0	8040	2	8038
6054+00	97	63	4	203	7	8243	11	8232
6054+36	36	62	6	83	7	8326	20	8306
6055+00	64	55	1	139	8	8465	30	8435
6055+73	73	51	0	143	1	8608	31	8577
6055+86	13	48	0	24	0	8632	31	8601
6056+00	14	46	0	24	0	8656	31	8625
6056+46	46	46	0	78	0	8734	31	8703
6057+00	54	48	0	94	0	8828	31	8797
6057+31	31	47	0	55	0	8883	31	8852
6057+91	60	57	0	116	0	8999	31	8968
6058+00	9	71	0	21	0	9020	31	8989
6058+09	9	85	0	26	0	9046	31	9015
6058+23	14	87	0	45	0	9091	31	9060
6058+43	20	67	0	57	0	9148	31	9117
6058+59	16	53	0	36	0	9184	31	9153
6059+00	41	55	0	82	0	9266	31	9235
6059+53	53	49	0	102	0	9368	31	9337
6059+83	30	50	0	55	0	9423	31	9392
6060+00	17	44	0	30	0	9453	31	9422
6060+43	43	43	0	69	0	9522	31	9491
6061+00	57	45	0	93	0	9615	31	9584
6062+00	100	43	0	163	0	9778	31	9747
6063+00	100	43	0	159	0	9937	31	9906
6064+00	100	45	0	163	0	10100	31	10069
6065+00	100	44	0	165	0	10265	31	10234
6066+00	100	46	0	167	0	10432	31	10401
6067+00	100	49	0	176	0	10608	31	10577
6068+00	100	48	0	180	0	10788	31	10757
6069+00	100	47	0	176	0	10964	31	10933
6070+00	100	46	0	172	0	11136	31	11105
6071+00	100	47	0	172	0	11308	31	11277
6072+00	100	46	0	172	0	11480	31	11449
6073+00	100	44	0	167	0	11647	31	11616
6074+00	100	48	0	170	0	11817	31	11786
6075+00	100	49	0	180	0	11997	31	11966
6076+00	100	48	0	180	0	12177	31	12146
6077+00	100	49	0	180	0	12357	31	12326
6078+00	100	47	0	178	0	12535	31	12504
6079+00	100	46	0	172	0	12707	31	12676
6080+00	100	46	0	170	0	12877	31	12846
6081+00	100	49	0	176	0	13053	31	13022
6081+32	32	55	0	62	0	13115	31	13084
6081+41	9	55	0	18	0	13133	31	13102
6081+69	28	52	0	55	0	13188	31	13157
6081+84	15	53	0	29	0	13217	31	13186
6082+00	16	53	0	31	0	13248	31	13217
6082+10	10	53	0	20	0	13268	31	13237
6082+24	14	53	0	27	0	13295	31	13264
6082+49	25	53	0	49	0	13344	31	13313
6083+00	51	68	3	114	3	13458	35	13423
6083+72	72	64	5	176	11	13634	49	13585
6084+00	28	62	3	65	4	13699	54	13645
6085+00	100	55	0	217	6	13916	62	13854
6085+09	9	55	0	18	0	13934	62	13872
6085+22	13	55	0	26	0	13960	62	13898
6085+82	60	48	0	114	0	14074	62	14012
6086+00	18	47	0	32	0	14106	62	14044
6087+00	100	49	0	178	0	14284	62	14222
6088+00	100	45	0	174	0	14458	62	14396
6089+00	100	46	0	169	0	14627	62	14565
6090+00	100	46	0	170	0	14797	62	14735
6091+00	100	47	0	172	0	14969	62	14907
6092+00	100	47	0	174	0	15143	62	15081
6093+00	100	47	0	174	0	15317	62	15255
6094+00	100	47	0	174	0	15491	62	15429
6095+00	100	49	0	178	0	15669	62	15607
6096+00	100	47	0	178	0	15847	62	15785
6097+00	100	47	0	174	0	16021	62	15959
6098+00	100	48	0	176	0	16197	62	16135
6099+00	100	47	0	176	0	16373	62	16311
6100+00	100	48	0	176	0	16549	62	16487
6101+00	100	49	0	180	0	16729	62	16667
6102+00	100	48	0	180	0	16909	62	16847
6103+00	100	48	0	178	0	17087	62	17025
6104+00	100	50	0	181	0	17268	62	17206
6105+00	100	49	0	183	0	17451	62	17389

STAGE 4 - USH 53 SB - MAINLINE - STA 6009+00 TO STA 6209+65 - DIVISION 5 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6106+00	100	48	0	180	0	17631	62	17569
6107+00	100	48	0	178	0	17809	62	17747
6107+07	7	48	0	12	0	17821	62	17759
6107+67	60	57	0	117	0	17938	62	17876
6107+98	31	56	0	65	0	18003	62	17941
6108+00	2	56	0	4	0	18007	62	17945
6108+58	58	60	0	125	0	18132	62	18070
6108+67	9	60	0	20	0	18152	62	18090
6108+69	2	60	0	4	0	18156	62	18094
6108+79	10	56	0	21	0	18177	62	18115
6109+00	21	56	0	44	0	18221	62	18159
6109+04	4	56	0	8	0	18229	62	18167
6109+31	27	57	0	57	0	18286	62	18224
6109+48	17	57	0	36	0	18322	62	18260
6109+69	21	56	0	44	0	18366	62	18304
6109+89	20	56	0	41	0	18407	62	18345
6109+90	1	73	0	2	0	18409	62	18347
6110+00	10	80	0	28	0	18437	62	18375
6110+89	89	80	3	264	5	18701	69	18632
6111+00	11	79	1	32	1	18733	70	18663
6111+08	8	79	1	23	0	18756	70	18686
6111+83	75	66	0	201	1	18957	71	18886
6112+00	17	64	0	41	0	18998	71	18927
6112+26	26	63	0	61	0	19059	71	18988
6112+39	13	62	0	30	0	19089	71	19018
6112+99	60	47	0	121	0	19210	71	19139
6113+00	1	47	0	2	0	19212	71	19141
6114+00	100	46	0	172	0	19384	71	19313
6115+00	100	55	0	187	0	19571	71	19500
6115+09	9	56	0	19	0	19590	71	19519
6115+69	60	53	0	121	0	19711	71	19640
6116+00	31	51	0	60	0	19771	71	19700
6116+29	29	48	0	53	0	19824	71	19753
6116+68	39	48	0	69	0	19893	71	19822
6117+00	32	48	0	57	0	19950	71	19879
6118+00	100	48	0	178	0	20128	71	20057
6119+00	100	48	0	178	0	20306	71	20235
6119+67	67	48	0	119	0	20425	71	20354
6119+89	22	45	0	38	0	20463	71	20392
6120+00	11	50	0	19	0	20482	71	20411
6120+11	11	50	0	20	0	20502	71	20431
6120+26	15	49	0	28	0	20530	71	20459
6120+41	15	49	0	27	0	20557	71	20486
6120+56	15	49	0	27	0	20584	71	20513
6121+00	44	65	0	93	0	20677	71	20606
6121+09	9	63	0	21	0	20698	71	20627
6121+30	21	57	0	47	0	20745	71	20674
6121+48	18	55	0	37	0	20782	71	20711
6121+51	3	55	0	6	0	20788	71	20717
6122+00	49	52	0	97	0	20885	71	20814
6122+08	8	52	0	15	0	20900	71	20829
6122+11	3	52	0	6	0	20906	71	20835
6122+68	57	55	0	113	0	21019	71	20948
6123+00	32	52	0	63	0	21082	71	21011
6124+00	100	47	0	183	0	21265	71	21194
6125+00	100	46	0	172	0	21437	71	21366
6126+00	100	49	0	176	0	21613	71	21542
6127+00	100	50	0	183	0	21796	71	21725
6128+00	100	49	0	183	0	21979	71	21908
6129+00	100	48	0	180	0	22159	71	22088
6130+00	100	48	0	178	0	22337	71	22266
6131+00	100	48	0	178	0	22515	71	22444
6132+00	100	49	0	180	0	22695	71	22624
6133+00	100	48	0	180	0	22875	71	22804
6133+19	19	49	0	34	0	22909	71	22838
6133+79	60	46	0	106	0	23015	71	22944
6133+89	10	49	0	18	0	23033	71	22962
6133+97	8	49	0	15	0	23048	71	22977
6134+00	3	50	0	6	0	23054	71	22983
6134+13	13	54	0	25	0	23079	71	23008
6134+27	14	72	0	33	0	23112	71	23041
6134+40	13	61	0	32	0	23144	71	23073
6135+00	60	57	0	131	0	23275	71	23204
6135+23	23	54	0	47	0	23322	71	23251
6135+44	21	54	0	42	0	23364	71	23293

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 4 - USH 53 SB - MAINLINE - STA 6009+00 TO STA 6209+65 - DIVISION 5 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6136+00	56	47	0	105	0	23469	71	23398
6136+04	4	47	0	7	0	23476	71	23405
6137+00	96	48	0	169	0	23645	71	23574
6138+00	100	49	0	180	0	23825	71	23754
6139+00	100	48	0	180	0	24005	71	23934
6140+00	100	49	0	180	0	24185	71	24114
6141+00	100	50	0	183	0	24368	71	24297
6142+00	100	48	0	181	0	24549	71	24478
6143+00	100	48	0	178	0	24727	71	24656
6144+00	100	49	0	180	0	24907	71	24836
6145+00	100	48	0	180	0	25087	71	25016
6146+00	100	46	0	174	0	25261	71	25190
6147+00	100	45	0	169	0	25430	71	25359
6148+00	100	45	0	167	0	25597	71	25526
6148+31	31	45	0	52	0	25649	71	25578
6148+91	60	52	0	108	0	25757	71	25686
6148+95	4	53	3	8	0	25765	71	25694
6149+00	5	59	1	10	0	25775	71	25704
6149+11	11	60	1	24	0	25799	71	25728
6149+29	18	46	0	35	0	25834	71	25763
6149+44	15	47	0	26	0	25860	71	25789
6149+61	17	48	0	30	0	25890	71	25819
6149+79	18	49	0	32	0	25922	71	25851
6150+00	21	50	0	39	0	25961	71	25890
6150+22	22	48	0	40	0	26001	71	25930
6151+00	78	62	9	159	13	26160	88	26072
6151+43	43	62	8	99	14	26259	106	26153
6152+00	57	56	2	125	11	26384	120	26264
6152+80	80	55	0	164	3	26548	124	26424
6152+93	13	55	0	26	0	26574	124	26450
6153+00	7	48	0	13	0	26587	124	26463
6153+53	53	48	0	94	0	26681	124	26557
6154+00	47	46	0	82	0	26763	124	26639
6155+00	100	45	0	169	0	26932	124	26808
6156+00	100	45	0	167	0	27099	124	26975
6157+00	100	49	0	174	0	27273	124	27149
6158+00	100	50	0	183	0	27456	124	27332
6159+00	100	48	0	181	0	27637	124	27513
6160+00	100	49	0	180	0	27817	124	27693
6161+00	100	51	0	185	0	28002	124	27878
6162+00	100	51	0	189	0	28191	124	28067
6163+00	100	49	0	185	0	28376	124	28252
6164+00	100	48	0	180	0	28556	124	28432
6165+00	100	48	0	178	0	28734	124	28610
6165+80	80	47	0	141	0	28875	124	28751
6166+00	20	47	0	35	0	28910	124	28786
6166+40	40	44	0	67	0	28977	124	28853
6166+53	13	49	0	22	0	28999	124	28875
6166+62	9	49	0	16	0	29015	124	28891
6166+77	15	48	0	27	0	29042	124	28918
6166+92	15	48	0	27	0	29069	124	28945
6167+00	8	48	0	14	0	29083	124	28959
6167+02	2	48	0	4	0	29087	124	28963
6167+07	5	48	0	9	0	29096	124	28972
6167+96	89	51	0	163	0	29259	124	29135
6168+00	4	51	0	8	0	29267	124	29143
6168+24	24	51	0	45	0	29312	124	29188
6168+84	60	46	0	108	0	29420	124	29296
6169+00	16	46	0	27	0	29447	124	29323
6170+00	100	46	0	170	0	29617	124	29493
6171+00	100	45	0	169	0	29786	124	29662
6172+00	100	45	0	167	0	29953	124	29829
6173+00	100	47	0	170	0	30123	124	29999
6173+16	16	47	0	28	0	30151	124	30027
6173+76	60	42	0	99	0	30250	124	30126
6173+98	22	47	0	36	0	30286	124	30162
6174+00	2	47	0	3	0	30289	124	30165
6174+13	13	46	0	22	0	30311	124	30187
6174+28	15	45	0	25	0	30336	124	30212
6174+43	15	45	0	25	0	30361	124	30237
6175+00	57	57	0	108	0	30469	124	30345
6175+15	15	55	0	31	0	30500	124	30376
6175+40	25	53	0	50	0	30550	124	30426
6176+00	60	50	0	114	0	30664	124	30540
6176+68	68	49	0	125	0	30789	124	30665
6177+00	32	51	0	59	0	30848	124	30724
6177+28	28	46	0	50	0	30898	124	30774
6177+38	10	49	0	18	0	30916	124	30792
6177+50	12	50	0	22	0	30938	124	30814
6177+64	14	50	0	26	0	30964	124	30840
6177+80	16	52	0	30	0	30994	124	30870
6177+88	8	53	0	16	0	31010	124	30886
6177+95	7	53	0	14	0	31024	124	30900

STAGE 4 - USH 53 SB - MAINLINE - STA 6009+00 TO STA 6209+65 - DIVISION 5 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6178+00	5	70	0	11	0	31035	124	30911
6178+69	69	57	0	162	0	31197	124	31073
6178+94	25	54	0	51	0	31248	124	31124
6179+00	6	48	0	11	0	31259	124	31135
6179+54	54	42	0	90	0	31349	124	31225
6180+00	46	44	0	73	0	31422	124	31298
6181+00	100	42	0	159	0	31581	124	31457
6182+00	100	43	0	157	0	31738	124	31614
6183+00	100	43	0	159	0	31897	124	31773
6184+00	100	43	0	159	0	32056	124	31932
6185+00	100	42	0	157	0	32213	124	32089
6186+00	100	43	0	157	0	32370	124	32246
6187+00	100	43	0	159	0	32529	124	32405
6187+37	37	45	0	60	0	32589	124	32465
6187+41	4	51	13	7	1	32596	125	32471
6187+91	50	49	11	93	22	32689	154	32535
6187+98	7	52	13	13	3	32702	158	32544
6188+00	2	55	13	4	1	32706	159	32547
6188+08	8	56	18	16	5	32722	166	32556
6188+13	5	60	9	11	3	32733	170	32563
6188+18	5	56	2	11	1	32744	171	32573
6188+24	6	58	2	13	0	32757	171	32586
6188+36	12	62	3	27	1	32784	172	32612
6188+37	1	62	3	2	0	32786	172	32614
6188+42	5	64	7	12	1	32798	173	32625
6188+47	5	67	0	12	1	32810	174	32636
6188+77	30	70	0	76	0	32886	174	32712
6188+88	11	66	0	28	0	32914	174	32740
6188+99	11	67	0	27	0	32941	174	32767
6189+00	1	67	0	2	0	32943	174	32769
6189+04	4	68	0	10	0	32953	174	32779
6189+07	3	73	0	8	0	32961	174	32787
6189+14	7	70	5	19	1	32980	175	32805
6189+17	3	69	5	8	1	32988	176	32812
6189+22	5	75	6	13	1	33001	177	32824
6189+34	12	73	3	33	2	33034	180	32854
6189+50	16	71	0	43	1	33077	181	32896
6190+00	50	66	1	127	1	33204	182	33022
6190+10	10	65	2	24	1	33228	183	33045
6190+41	31	64	5	74	4	33302	188	33114
6191+00	59	61	0	137	5	33439	195	33244
6191+16	16	60	0	36	0	33475	195	33280
6191+66	50	57	0	108	0	33583	195	33388
6192+00	34	54	0	70	0	33653	195	33458
6192+26	26	53	0	52	0	33705	195	33510
6193+00	74	52	0	144	0	33849	195	33654
6194+00	100	48	0	185	0	34034	195	33839
6195+00	100	48	0	178	0	34212	195	34017
6196+00	100	49	0	180	0	34392	195	34197
6197+00	100	51	0	185	0	34577	195	34382
6198+00	100	51	0	189	0	34766	195	34571
6199+00	100	51	0	189	0	34955	195	34760
6199+55	55	52	0	105	0	35060	195	34865
6200+00	45	51	0	86	0	35146	195	34951
6200+15	15	46	0	27	0	35173	195	34978
6200+37	22	51	0	40	0	35213	195	35018
6200+56	19	52	0	36	0	35249	195	35054
6200+67	11	53	0	21	0	35270	195	35075
6200+82	15	52	0	29	0	35299	195	35104
6201+00	18	66	1	39	0	35338	195	35143
6201+54	54	58	0	124	1	35462	196	35266
6201+75	21	56	0	44	0	35506	196	35310
6202+00	25	50	0	49	0	35555	196	35359
6202+35	35	50	0	65	0	35620	196	35424
6203+00	65	51	0	122	0	35742	196	35546
6204+00	100	50	0	187	0	35929	196	35733
6205+00	100	50	0	185	0	36114	196	35918
6206+00	100	50	0	185	0	36299	196	36103
6207+00	100	51	0	187	0	36486	196	36290
6208+00	100	52	0	191	0	36677	196	36481
6209+00	100	54	0	196	0	36873	196	36677
6209+65	65	56	0	132	0	37005	196	36809
						37005	154	

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 4 - USH 53 SB - MAINLINE - STA 6209+65 TO STA 6230+00 - DIVISION 5

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6209+65	0	47	0	0	0	0	0	0
6210+00	35	46	0	60	0	60	0	60
6210+09	9	46	0	15	0	75	0	75
6210+85	76	48	0	132	0	207	0	207
6211+00	15	48	0	27	0	234	0	234
6212+00	100	47	0	176	0	410	0	410
6213+00	100	46	0	172	0	582	0	582
6214+00	100	46	0	170	0	752	0	752
6215+00	100	47	0	172	0	924	0	924
6215+56	56	48	0	99	0	1023	0	1023
6216+00	44	48	0	78	0	1101	0	1101
6216+16	16	53	0	30	0	1131	0	1131
6216+52	36	56	0	73	0	1204	0	1204
6216+66	14	58	0	30	0	1234	0	1234
6217+00	34	60	0	74	0	1308	0	1308
6217+13	13	53	0	27	0	1335	0	1335
6217+24	11	58	0	23	0	1358	0	1358
6217+52	28	59	0	61	0	1419	0	1419
6217+65	13	60	0	29	0	1448	0	1448
6217+77	12	58	0	26	0	1474	0	1474
6218+00	23	54	0	48	0	1522	0	1522
6218+03	3	53	0	6	0	1528	0	1528
6218+15	12	52	0	23	0	1551	0	1551
6218+16	1	52	0	2	0	1553	0	1553
6218+75	59	58	0	120	0	1673	0	1673
6219+00	25	58	1	54	0	1727	0	1727
6220+00	100	40	11	181	22	1908	29	1879
6220+21	21	39	15	31	10	1939	42	1897
6220+96	75	34	0	101	21	2040	69	1971
6221+00	4	34	0	5	0	2045	69	1976
6221+46	46	35	0	59	0	2104	69	2035
6222+00	54	29	0	64	0	2168	69	2099
6222+06	6	29	0	6	0	2174	69	2105
6223+00	94	28	0	99	0	2273	69	2204
6224+00	100	28	0	104	0	2377	69	2308
6225+00	100	28	0	104	0	2481	69	2412
6226+00	100	27	0	102	0	2583	69	2514
6227+00	100	26	0	98	0	2681	69	2612
6228+00	100	25	0	94	0	2775	69	2706
6229+00	100	26	0	94	0	2869	69	2800
6229+40	40	26	0	39	0	2908	69	2839
6230+00	60	25	0	57	0	2965	69	2896
				2965	53			

STAGE 4 - 30TH AVE - STA 41+08 TO STA 41+92 - DIVISION 5

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
41+08	0	46	1	0	0	0	0	0
41+11	3	52	17	5	1	5	1	4
41+35	24	80	18	59	16	64	22	42
41+47	12	110	5	42	5	106	29	77
41+56	9	145	9	43	2	149	32	117
41+71	15	86	2	64	3	213	36	177
41+75	4	62	6	11	1	224	37	187
41+92	17	0	0	20	2	244	40	204
				244	30			

STAGE 4 - BIG KEGAMA RD - STA 72+15 TO STA 72+82 - DIVISION 5

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
72+15	0	48	0	0	0	0	0	0
72+28	13	43	1	22	0	22	0	22
72+48	20	44	3	32	1	54	1	53
72+52	4	48	6	7	1	61	2	59
72+66	14	82	20	34	7	95	11	84
72+70	4	69	14	11	3	106	15	91
72+76	6	33	2	11	2	117	18	99
72+82	6	0	0	4	0	121	18	103
				121	14			

STAGE 4 - 26TH AVE - STA 13+17 TO STA 13+93 - DIVISION 5

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
13+17	0	52	2	0	0	0	0	0
13+50	33	75	0	78	1	78	1	77
13+53	3	85	3	9	0	87	1	86
13+60	7	106	0	25	0	112	1	111
13+68	8	83	0	28	0	140	1	139
13+75	7	59	0	18	0	158	1	157
13+93	18	0	0	20	0	178	1	177
				178	1			

STAGE 4 - ZIMMERMAN RD - STA 102+31 TO STA 103+06 - DIVISION 5

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
102+31	0	57	0	0	0	0	0	0
102+51	20	59	0	43	0	43	0	43
102+61	10	64	0	23	0	66	0	66
102+73	12	87	0	34	0	100	0	100
102+91	18	143	0	77	0	177	0	177
102+95	4	156	0	22	0	199	0	199
103+00	5	115	0	25	0	224	0	224
103+02	2	78	0	7	0	231	0	231
103+06	4	0	0	6	0	237	0	237
				237	0			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 5 - USH 53 NB - TEMPORARY OVERWIDENING REMOVAL (SOUTH PROJECT LIMIT) - STA 2770+27 TO STA 2773+11 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
2770+27	0	15	0	0	0	0	0	0
2770+87	60	14	0	32	0	32	0	32
2771+00	13	14	0	7	0	39	0	39
2771+62	62	15	0	33	0	72	0	72
2772+00	38	16	0	22	0	94	0	94
2773+00	100	1	0	31	0	125	0	125
2773+11	11	0	0	0	0	125	0	125
				125	0			

STAGE 5 - USH 53 NB - TEMPORARY OVERWIDENING REMOVAL (26TH AVE) - STA 2776+66 TO STA 2780+00 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
2776+66	0	14	0	0	0	0	0	0
2776+86	20	6	25	7	9	7	12	-5
2777+00	14	7	24	3	13	10	29	-19
2777+44	44	10	8	14	26	24	63	-39
2778+00	56	7	12	18	21	42	90	-48
2779+00	100	7	8	26	37	68	138	-70
2780+00	100	6	8	24	30	92	177	-85
				92	136			

STAGE 5 - USH 53 NB - TEMPORARY OVERWIDENING REMOVAL (29 3/4 AVE TO 30TH AVE) - STA 2982+03 TO STA 3008+05 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
2982+03	0	0	0	0	0	0	0	0
2982+27	24	0	0	0	0	0	0	0
2982+52	25	0	0	0	0	0	0	0
2982+90	38	0	0	0	0	0	0	0
2983+00	10	0	0	0	0	0	0	0
2983+75	75	0	0	0	0	0	0	0
2984+00	25	1	0	0	0	0	0	0
2984+50	50	1	0	2	0	2	0	2
2985+00	50	2	0	3	0	5	0	5
2985+49	49	2	0	4	0	9	0	9
2985+79	30	3	0	3	0	12	0	12
2985+96	17	0	0	1	0	13	0	13
2986+00	4	0	0	0	0	13	0	13
2986+15	15	0	0	0	0	13	0	13
2986+36	21	0	0	0	0	13	0	13
2986+48	12	2	0	0	0	13	0	13
2986+81	33	3	0	3	0	16	0	16
2987+00	19	3	0	2	0	18	0	18
2987+31	31	3	0	3	0	21	0	21
2987+91	60	4	0	8	0	29	0	29
2988+00	9	4	0	1	0	30	0	30
2989+00	100	4	0	15	0	45	0	45
2990+00	100	4	0	15	0	60	0	60
2991+00	100	4	0	15	0	75	0	75
2992+00	100	4	0	15	0	90	0	90
2993+00	100	3	0	13	0	103	0	103
2994+00	100	4	0	13	0	116	0	116
2994+35	35	3	0	5	0	121	0	121
2994+95	60	4	0	8	0	129	0	129
2995+00	5	4	0	1	0	130	0	130
2995+45	45	3	0	6	0	136	0	136
2996+00	55	5	0	8	0	144	0	144
2996+20	20	4	0	3	0	147	0	147
2997+00	80	3	0	10	0	157	0	157
2997+15	15	0	0	1	0	158	0	158
2997+65	50	0	0	0	0	158	0	158
2998+00	35	0	0	0	0	158	0	158
2999+00	100	0	0	0	0	158	0	158
2999+20	20	0	0	0	0	158	0	158
2999+67	47	0	0	0	0	158	0	158
3000+00	33	0	0	0	0	158	0	158
3000+56	56	0	0	0	0	158	0	158
3000+78	22	0	0	0	0	158	0	158
3001+00	22	0	0	0	0	158	0	158
3001+03	3	0	0	0	0	158	0	158
3001+08	5	0	0	0	0	158	0	158
3001+43	35	1	0	1	0	159	0	159
3002+00	57	2	0	3	0	162	0	162
3002+03	3	2	0	0	0	162	0	162
3003+00	97	2	0	7	0	169	0	169
3004+00	100	2	0	7	0	176	0	176
3005+00	100	3	0	9	0	185	0	185
3006+00	100	3	0	11	0	196	0	196
3007+00	100	1	0	7	0	203	0	203
3008+00	100	0	0	2	0	205	0	205
3008+05	5	0	0	0	0	205	0	205
				205	0			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 5 - USH 53 NB - TEMPORARY OVERWIDENING REMOVAL (NORTH PROJECT LIMIT) - STA 3205+40 TO STA 3211+00 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
3205+40	0	0	0	0	0	0	0	0
3206+00	60	0	0	0	0	0	0	0
3207+00	100	0	0	0	0	0	0	0
3208+00	100	2	0	4	0	4	0	4
3209+00	100	3	0	9	0	13	0	13
3210+00	100	8	0	20	0	33	0	33
3211+00	100	0	0	15	0	48	0	48
				48	0			

STAGE 5 - USH 53 NB - STA 3211+00 TO STA 3234+91 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
3211+00	0	35	0	0	0	0	0	0
3212+00	100	44	0	146	0	146	0	146
3213+00	100	43	0	161	0	307	0	307
3214+00	100	44	0	161	0	468	0	468
3214+49	49	49	0	84	0	552	0	552
3214+62	13	52	0	24	0	576	0	576
3214+87	25	53	0	49	0	625	0	625
3215+00	13	53	0	26	0	651	0	651
3215+99	99	56	0	200	0	851	0	851
3216+00	1	57	0	2	0	853	0	853
3216+89	89	63	0	198	0	1051	0	1051
3217+00	11	63	0	26	0	1077	0	1077
3217+07	7	24	0	11	0	1088	0	1088
3217+62	55	23	0	48	0	1136	0	1136
3218+00	38	23	0	32	0	1168	0	1168
3218+04	4	23	0	3	0	1171	0	1171
3218+14	10	58	0	15	0	1186	0	1186
3218+24	10	56	0	21	0	1207	0	1207
3219+00	76	55	0	156	0	1363	0	1363
3220+00	100	56	0	206	0	1569	0	1569
3221+00	100	55	0	206	0	1775	0	1775
3222+00	100	53	0	200	0	1975	0	1975
3223+00	100	52	0	194	0	2169	0	2169
3224+00	100	50	0	189	0	2358	0	2358
3225+00	100	50	0	185	0	2543	0	2543
3226+00	100	46	0	178	0	2721	0	2721
3227+00	100	36	0	152	0	2873	0	2873
3228+00	100	32	0	126	0	2999	0	2999
3229+00	100	32	0	119	0	3118	0	3118
3230+00	100	30	0	115	0	3233	0	3233
3231+00	100	15	0	83	0	3316	0	3316
3232+00	100	12	0	50	0	3366	0	3366
3233+00	100	11	0	43	0	3409	0	3409
3234+00	100	10	0	39	0	3448	0	3448
3234+91	91	9	0	32	0	3480	0	3480
				3480	0			

STAGE 4 - USH 53 SB - MAINLINE - STA 6209+65 TO STA 6230+00 - DIVISION 5

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6209+65	0	9	3	0	0	0	0	0
6210+00	35	18	3	18	4	18	5	13
6210+09	9	18	2	6	1	24	6	18
6210+85	76	18	0	51	3	75	10	65
6211+00	15	18	0	10	0	85	10	75
6212+00	100	21	0	72	0	157	10	147
6213+00	100	22	0	80	0	237	10	227
6214+00	100	25	0	87	0	324	10	314
6215+00	100	30	0	102	0	426	10	416
6215+56	56	33	0	65	0	491	10	481
6216+00	44	32	0	53	0	544	10	534
6216+16	16	40	0	21	0	565	10	555
6216+52	36	31	0	47	0	612	10	602
6216+66	14	31	0	16	0	628	10	618
6217+00	34	31	0	39	0	667	10	657
6217+13	13	0	0	7	0	674	10	664
6217+24	11	0	0	0	0	674	10	664
6217+52	28	0	0	0	0	674	10	664
6217+65	13	0	0	0	0	674	10	664
6217+77	12	0	0	0	0	674	10	664
6218+00	23	41	0	17	0	691	10	681
6218+03	3	43	0	5	0	696	10	686
6218+15	12	43	0	19	0	715	10	705
6218+16	1	43	0	2	0	717	10	707
6218+75	59	38	0	89	0	806	10	796
6219+00	25	39	0	36	0	842	10	832
6220+00	100	58	0	180	0	1022	10	1012
6220+21	21	58	0	45	0	1067	10	1057
6220+96	75	58	0	161	0	1228	10	1218
6221+00	4	58	0	9	0	1237	10	1227
6221+46	46	74	0	112	0	1349	10	1339
6222+00	54	56	0	130	0	1479	10	1469
6222+06	6	56	0	12	0	1491	10	1481
6223+00	94	53	0	190	0	1681	10	1671
6224+00	100	49	0	189	0	1870	10	1860
6225+00	100	47	0	178	0	2048	10	2038
6226+00	100	42	0	165	0	2213	10	2203
6227+00	100	34	0	141	0	2354	10	2344
6228+00	100	32	1	122	2	2476	13	2463
6229+00	100	33	0	120	2	2596	16	2580
6229+40	40	33	0	49	0	2645	16	2629
6230+00	60	27	0	67	0	2712	16	2696
6231+00	100	29	0	104	0	2816	16	2800
6232+00	100	21	0	93	0	2909	16	2893
6233+00	100	10	0	57	0	2966	16	2950
6234+00	100	8	0	33	0	2999	16	2983
6234+31	31	8	0	9	0	3008	16	2992
6234+91	60	8	0	18	0	3026	16	3010
				3026	12			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 5 - USH 53 SB - MEDIAN - STA 5775+85 TO STA 5777+38 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5775+85	0	15	0	0	0	0	0	0
5775+96	11	37	0	11	0	11	0	11
5776+00	4	42	0	6	0	17	0	17
5776+25	25	87	0	60	0	77	0	77
5776+45	20	91	0	66	0	143	0	143
5776+87	42	92	0	142	0	285	0	285
5777+00	13	86	0	43	0	328	0	328
5777+04	4	78	0	12	0	340	0	340
5777+05	1	71	0	3	0	343	0	343
5777+38	33	10	1	50	1	393	1	392
				393	1			

STAGE 5 - USH 53 SB - MEDIAN - STA 5969+93 TO STA 5970+62 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5969+93	0	22	0	0	0	0	0	0
5970+00	7	18	0	5	0	5	0	5
5970+11	11	20	2	8	0	13	0	13
5970+15	4	29	0	4	0	17	0	17
5970+30	15	52	0	23	0	40	0	40
5970+45	15	57	0	30	0	70	0	70
5970+62	17	28	0	27	0	97	0	97
				97	0			

STAGE 5 - USH 53 SB - MEDIAN - STA 5822+67 TO STA 5823+37 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5822+67	0	28	0	0	0	0	0	0
5822+72	5	28	0	5	0	5	0	5
5822+79	7	31	0	8	0	13	0	13
5822+90	11	50	0	17	0	30	0	30
5822+97	7	51	0	13	0	43	0	43
5823+00	3	54	0	6	0	49	0	49
5823+06	6	57	0	12	0	61	0	61
5823+20	14	52	0	28	0	89	0	89
5823+37	17	26	0	25	0	114	0	114
				114	0			

STAGE 5 - USH 53 SB - MEDIAN - STA 5985+58 TO STA 5986+40 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5985+58	0	14	0	0	0	0	0	0
5985+80	22	60	0	30	0	30	0	30
5985+93	13	66	0	30	0	60	0	60
5986+00	7	65	0	17	0	77	0	77
5986+10	10	61	0	23	0	100	0	100
5986+27	17	23	0	26	0	126	0	126
5986+40	13	18	0	10	0	136	0	136
				136	0			

STAGE 5 - USH 53 SB - MEDIAN - STA 5955+75 TO STA 5956+49 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5955+75	0	40	0	0	0	0	0	0
5955+97	22	57	0	40	0	40	0	40
5956+00	3	57	0	6	0	46	0	46
5956+12	12	57	0	25	0	71	0	71
5956+28	16	58	0	34	0	105	0	105
5956+49	21	41	0	39	0	144	0	144
				144	0			

STAGE 5 - USH 53 SB - MEDIAN - STA 5999+46 TO STA 6000+58 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
5999+46	0	45	0	0	0	0	0	0
5999+49	3	58	0	6	0	6	0	6
5999+62	13	60	0	28	0	34	0	34
6000+00	38	66	0	89	0	123	0	123
6000+03	3	65	0	7	0	130	0	130
6000+48	45	57	0	102	0	232	0	232
6000+58	10	37	0	17	0	249	0	249
				249	0			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 5 - USH 53 SB - MEDIAN - STA 6017+95 TO STA 6018+63 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6017+95	0	29	0	0	0	0	0	0
6018+00	5	30	0	5	0	5	0	5
6018+09	9	35	0	11	0	16	0	16
6018+17	8	56	0	13	0	29	0	29
6018+23	6	58	0	13	0	42	0	42
6018+47	24	55	0	50	0	92	0	92
6018+58	11	36	0	19	0	111	0	111
6018+63	5	31	0	6	0	117	0	117
				117	0			

STAGE 5 - USH 53 SB - MEDIAN - STA 6057+91 TO STA 6058+59 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6057+91	0	8	0	0	0	0	0	0
6058+00	9	26	0	6	0	6	0	6
6058+09	9	52	0	13	0	19	0	19
6058+23	14	67	0	31	0	50	0	50
6058+43	20	63	0	48	0	98	0	98
6058+59	16	23	0	25	0	123	0	123
				123	0			

STAGE 5 - USH 53 SB - MEDIAN - STA 6034+86 TO STA 6035+56 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6034+86	0	11	0	0	0	0	0	0
6035+00	14	51	0	16	0	16	0	16
6035+03	3	57	0	6	0	22	0	22
6035+16	13	57	0	27	0	49	0	49
6035+33	17	53	0	35	0	84	0	84
6035+42	9	29	0	14	0	98	0	98
6035+56	14	16	0	12	0	110	0	110
				110	0			

STAGE 5 - USH 53 SB - MEDIAN - STA 6081+69 TO STA 6082+49 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6081+69	0	34	0	0	0	0	0	0
6081+84	15	58	0	26	0	26	0	26
6082+00	16	62	0	36	0	62	0	62
6082+10	10	59	0	22	0	84	0	84
6082+24	14	55	0	30	0	114	0	114
6082+49	25	17	0	33	0	147	0	147
				147	0			

STAGE 5 - USH 53 SB - MEDIAN - STA 6052+10 TO STA 6053+03 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6052+10	0	8	0	0	0	0	0	0
6052+20	10	9	0	3	0	3	0	3
6052+35	15	37	0	13	0	16	0	16
6052+44	9	53	0	15	0	31	0	31
6052+68	24	59	0	50	0	81	0	81
6052+74	6	56	0	13	0	94	0	94
6053+00	26	22	0	38	0	132	0	132
6053+03	3	21	0	2	0	134	0	134
				134	0			

STAGE 5 - USH 53 SB - MEDIAN - STA 6108+79 TO STA 6109+89 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6108+79	0	25	0	0	0	0	0	0
6109+00	21	50	0	29	0	29	0	29
6109+04	4	57	0	8	0	37	0	37
6109+31	27	57	0	57	0	94	0	94
6109+48	17	48	0	33	0	127	0	127
6109+69	21	60	0	42	0	169	0	169
6109+89	20	17	0	29	0	198	0	198
				198	0			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 5 - USH 53 SB - MEDIAN - STA 6119+89 TO STA 6120+56 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6119+89	0	22	0	0	0	0	0	0
6120+00	11	21	0	9	0	9	0	9
6120+11	11	36	0	12	0	21	0	21
6120+26	15	48	0	23	0	44	0	44
6120+41	15	57	0	29	0	73	0	73
6120+56	15	30	0	24	0	97	0	97
				97	0			

STAGE 5 - USH 53 SB - MEDIAN - STA 6166+40 TO STA 6167+07 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6166+40	0	20	0	0	0	0	0	0
6166+62	22	53	0	30	0	30	0	30
6166+77	15	49	0	28	0	58	0	58
6166+92	15	58	0	30	0	88	0	88
6167+00	8	46	0	15	0	103	0	103
6167+07	7	31	0	10	0	113	0	113
				113	0			

STAGE 5 - USH 53 SB - MEDIAN - STA 6133+79 TO STA 6134+40 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6133+79	0	10	0	0	0	0	0	0
6133+89	10	40	0	9	0	9	0	9
6133+97	8	52	0	14	0	23	0	23
6134+00	3	56	0	6	0	29	0	29
6134+13	13	59	0	28	0	57	0	57
6134+27	14	57	0	30	0	87	0	87
6134+40	13	30	0	21	0	108	0	108
				108	0			

STAGE 5 - USH 53 SB - MEDIAN - STA 6173+76 TO STA 6174+43 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6173+76	0	24	0	0	0	0	0	0
6173+98	22	59	0	34	0	34	0	34
6174+00	2	59	0	4	0	38	0	38
6174+13	13	53	0	27	0	65	0	65
6174+28	15	57	0	31	0	96	0	96
6174+43	15	30	0	24	0	120	0	120
				120	0			

STAGE 5 - USH 53 SB - MEDIAN - STA 6149+29 TO STA 6150+22 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6149+29	0	25	0	0	0	0	0	0
6149+44	15	57	0	23	0	23	0	23
6149+61	17	55	0	35	0	58	0	58
6149+79	18	43	0	33	0	91	0	91
6150+00	21	16	3	23	1	114	1	113
6150+22	22	14	1	12	2	126	4	122
				126	3			

STAGE 5 - USH 53 SB - MEDIAN - STA 6177+28 TO STA 6177+95 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6177+28	0	28	0	0	0	0	0	0
6177+38	10	47	0	14	0	14	0	14
6177+50	12	72	0	26	0	40	0	40
6177+64	14	58	0	34	0	74	0	74
6177+80	16	61	0	35	0	109	0	109
6177+88	8	41	0	15	0	124	0	124
6177+95	7	32	0	9	0	133	0	133
				133	0			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 5 - USH 53 SB - MEDIAN - STA 6188+13 TO STA 6189+22 - DIVISION 6								
		AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		
STATION	DISTANCE	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1 1.00	EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6188+13	0	15	9	0	0	0	0	0
6188+18	5	22	14	3	2	3	3	0
6188+24	6	31	1	6	2	9	6	3
6188+36	12	54	0	19	0	28	6	22
6188+37	1	55	0	2	0	30	6	24
6188+42	5	58	0	10	0	40	6	34
6188+47	5	59	0	11	0	51	6	45
6188+77	30	50	0	61	0	112	6	106
6188+88	11	53	0	21	0	133	6	127
6188+99	11	31	0	17	0	150	6	144
6189+00	1	31	0	1	0	151	6	145
6189+04	4	29	0	4	0	155	6	149
6189+07	3	27	0	3	0	158	6	152
6189+14	7	20	0	6	0	164	6	158
6189+17	3	18	0	2	0	166	6	160
6189+22	5	11	0	3	0	169	6	163
				169	4			

STAGE 5 - USH 53 SB - MEDIAN - STA 6200+15 TO STA 6200+82 - DIVISION 6								
		AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		
STATION	DISTANCE	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1 1.00	EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6200+15	0	24	0	0	0	0	0	0
6200+37	22	44	0	28	0	28	0	28
6200+56	19	60	0	37	0	65	0	65
6200+67	11	60	0	24	0	89	0	89
6200+82	15	34	0	26	0	115	0	115
				115	0			

STAGE 5 - USH 53 SB - MEDIAN - STA 6217+00 TO STA 6217+77 - DIVISION 6								
		AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		
STATION	DISTANCE	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1 1.00	EXPANDED FILL NOTE 3 1.30	MASS ORDINATE NOTE 4
6217+00	0	36	0	0	0	0	0	0
6217+13	13	67	0	25	0	25	0	25
6217+24	11	59	0	26	0	51	0	51
6217+52	28	61	0	62	0	113	0	113
6217+65	13	60	0	29	0	142	0	142
6217+77	12	65	0	28	0	170	0	170
				170	0			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

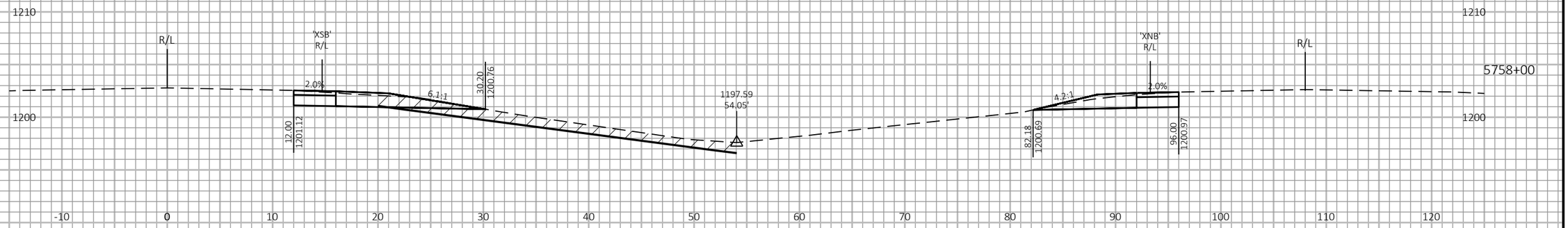
LEGEND

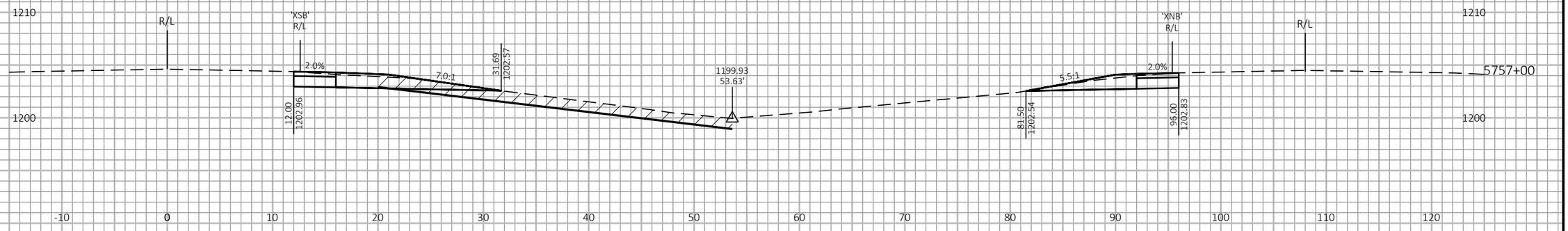
EXISTING GROUND

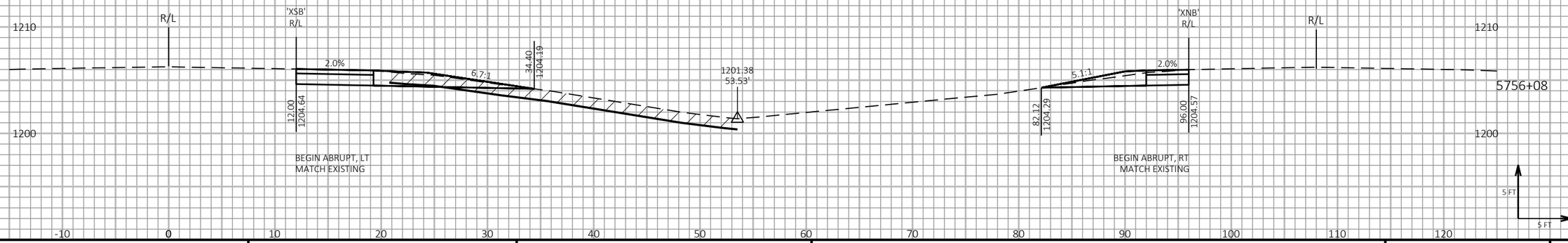
STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (SB SIDE) FROM STA 5756+08 TO STA 5770+85 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 404	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090201-XS-S1.DWG
LAYOUT NAME - 01

PLOT DATE : 1/20/2022 7:58 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

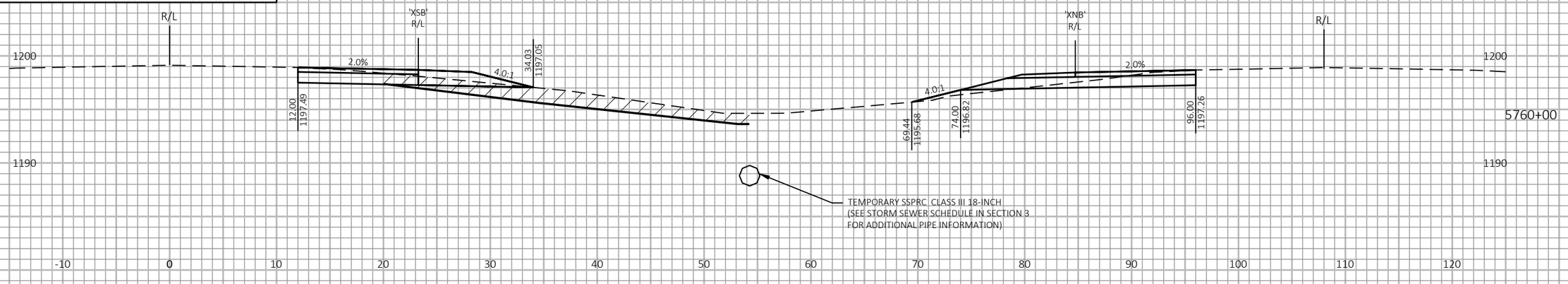
LEGEND

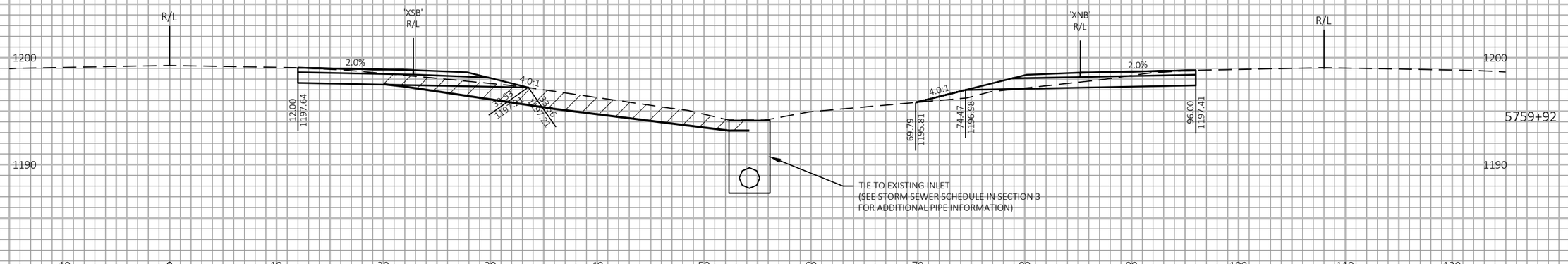
EXISTING GROUND

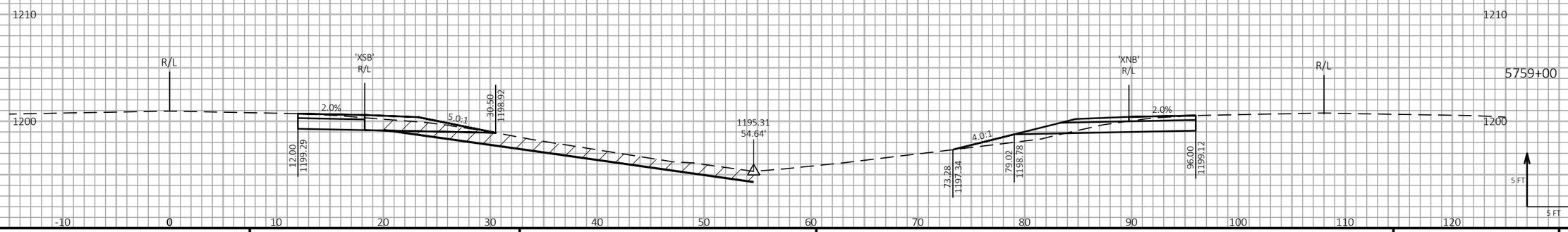
STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (SB SIDE) FROM STA 5756+08 TO STA 5770+85 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 405	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090201-XS-S1.DWG
LAYOUT NAME - 02

PLOT DATE : 1/20/2022 7:58 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

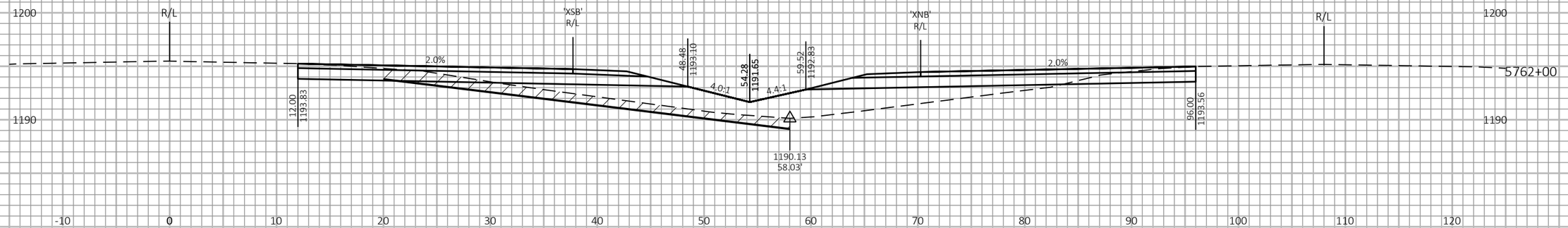
LEGEND

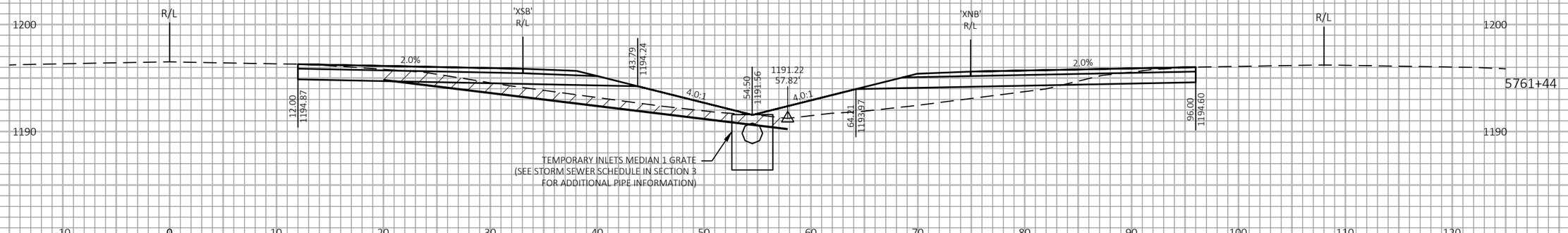
EXISTING GROUND

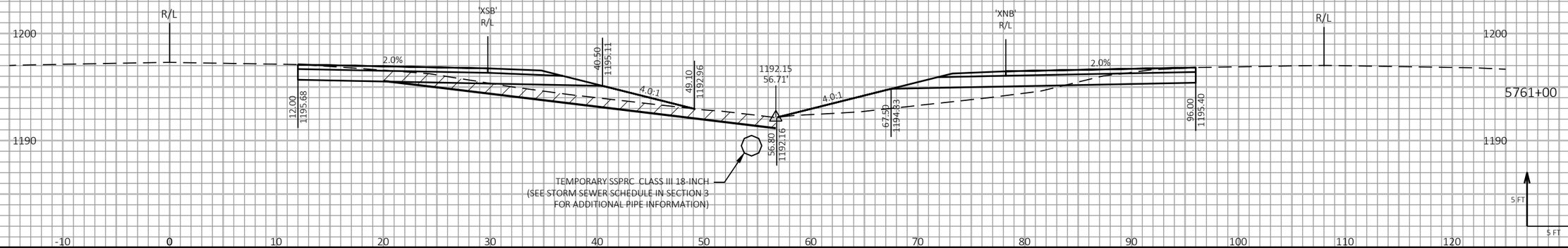
STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (SB SIDE) FROM STA 5756+08 TO STA 5770+85 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 406	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090201-XS-S1.DWG
LAYOUT NAME - 03

PLOT DATE : 1/20/2022 7:58 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

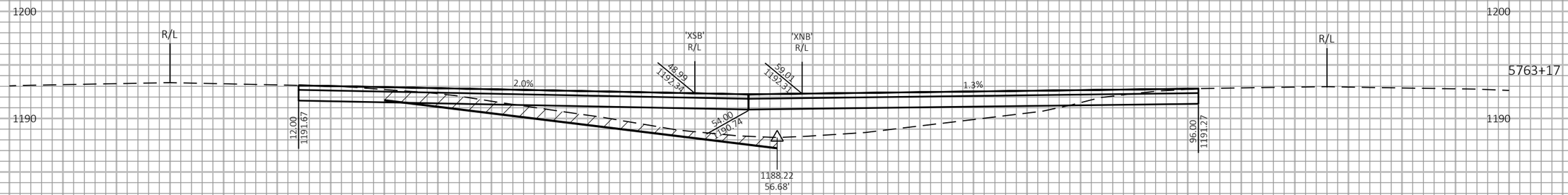
LEGEND

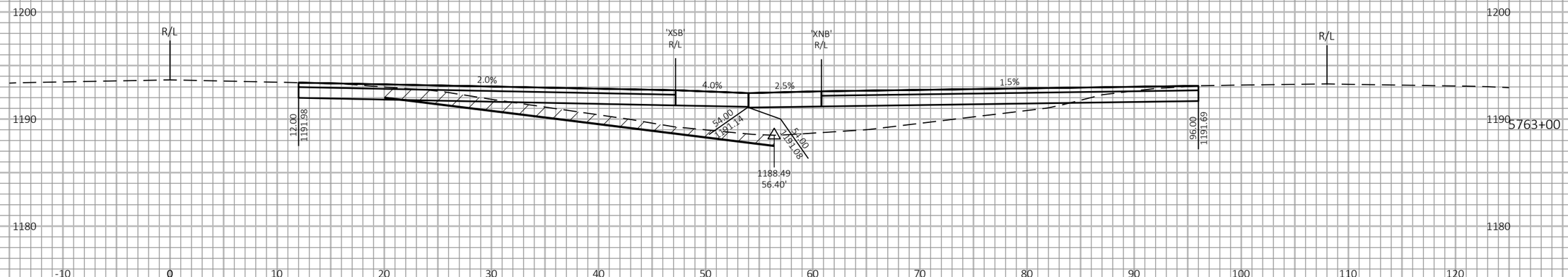
EXISTING GROUND

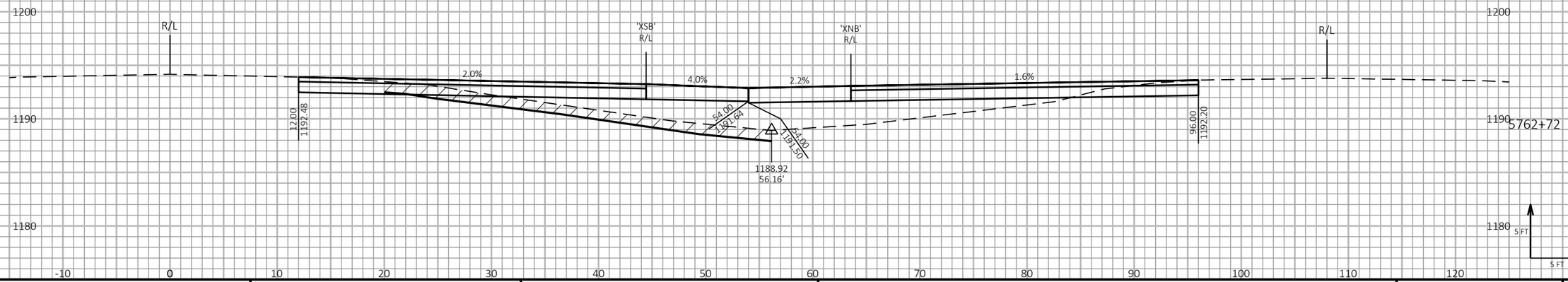
STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (SB SIDE) FROM STA 5756+08 TO STA 5770+85 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 407	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090201-XS-S1.DWG
LAYOUT NAME - 04

PLOT DATE : 1/20/2022 7:58 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

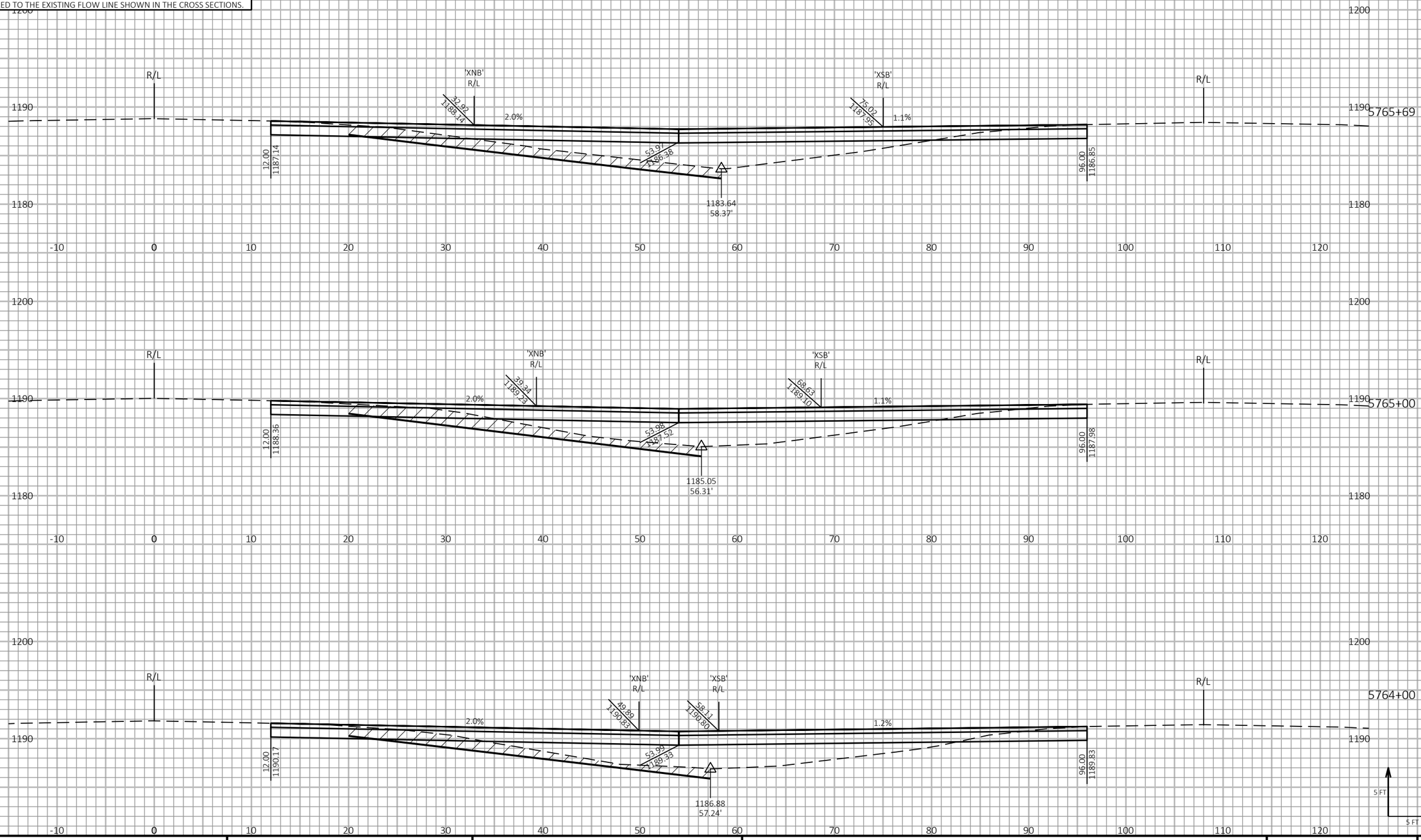
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (SB SIDE) FROM STA 5756+08 TO STA 5770+85 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 408	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090201-XS-S1.DWG
LAYOUT NAME - 05

PLOT DATE : 1/20/2022 7:58 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

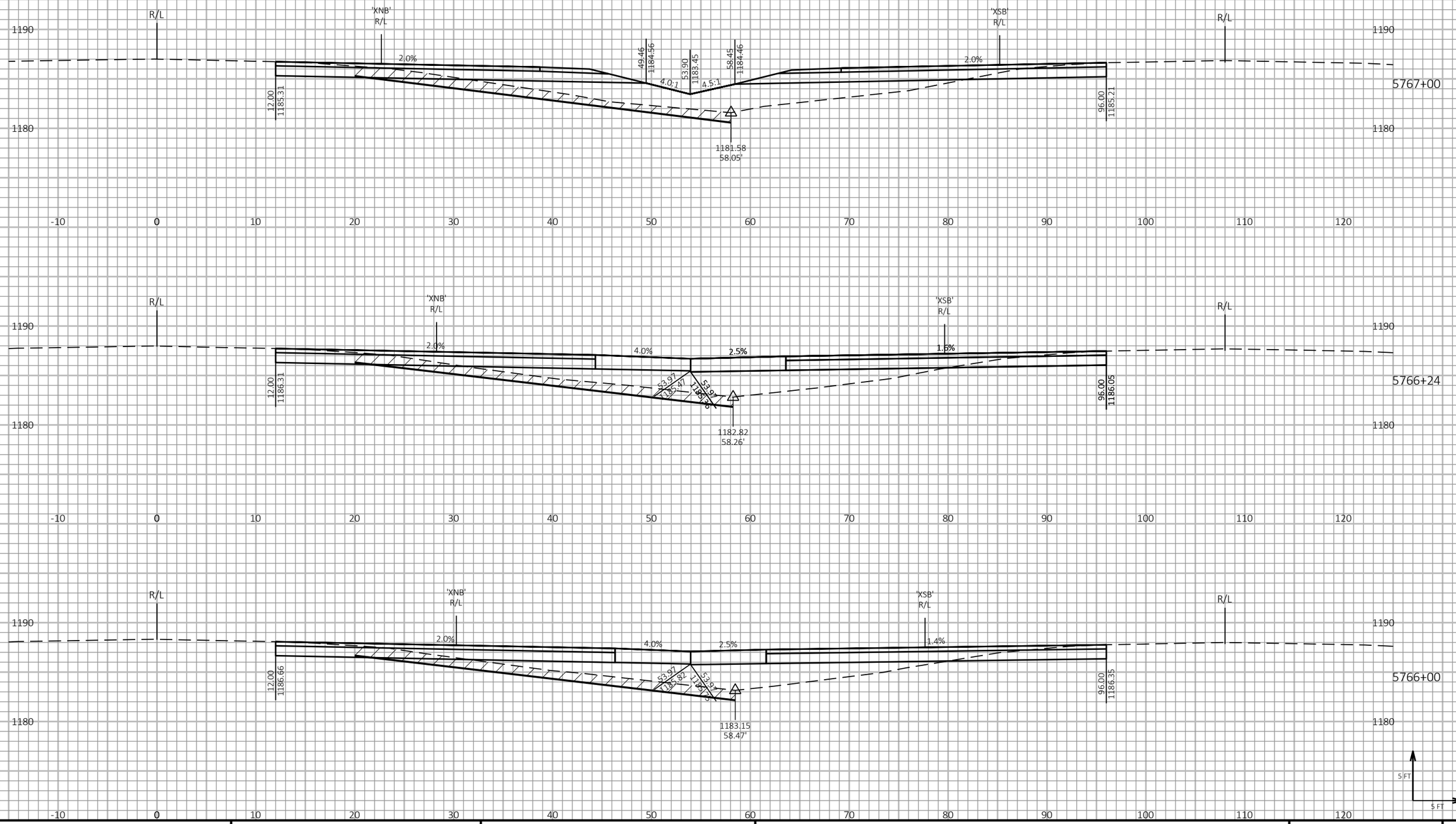
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (SB SIDE) FROM STA 5756+08 TO STA 5770+85 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 409	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090201-XS-S1.DWG
LAYOUT NAME - 06

PLOT DATE : 1/20/2022 7:58 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

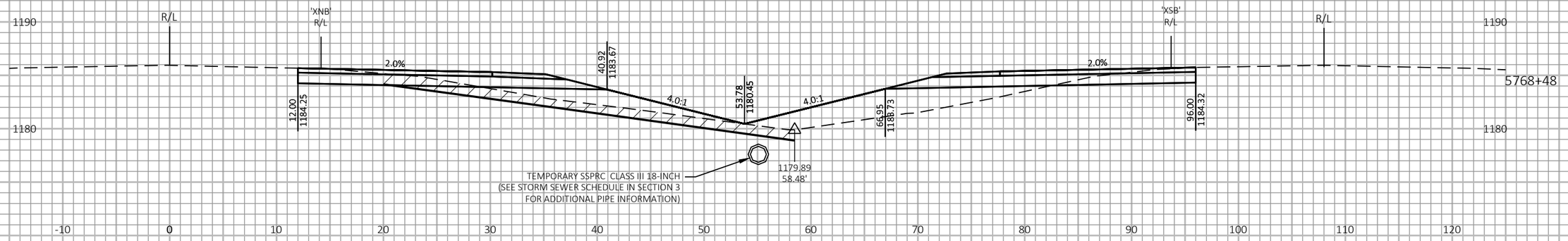
LEGEND

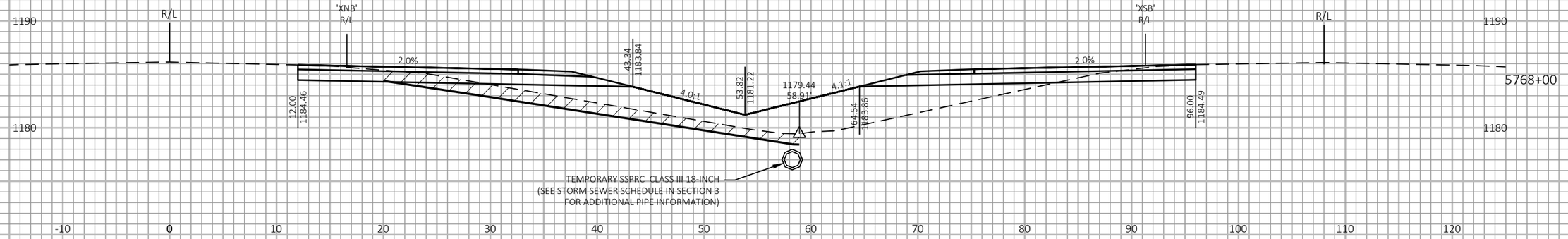
EXISTING GROUND

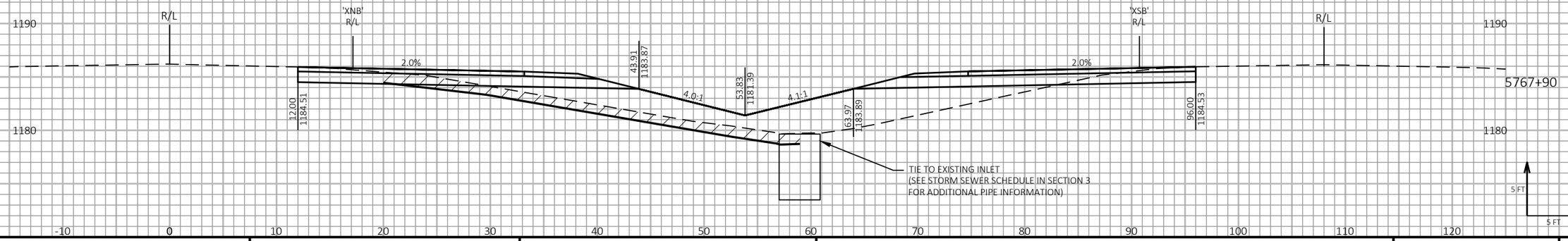
STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (SB SIDE) FROM STA 5756+08 TO STA 5770+85 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 410	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090201-XS-S1.DWG
LAYOUT NAME - 07

PLOT DATE : 1/20/2022 7:59 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

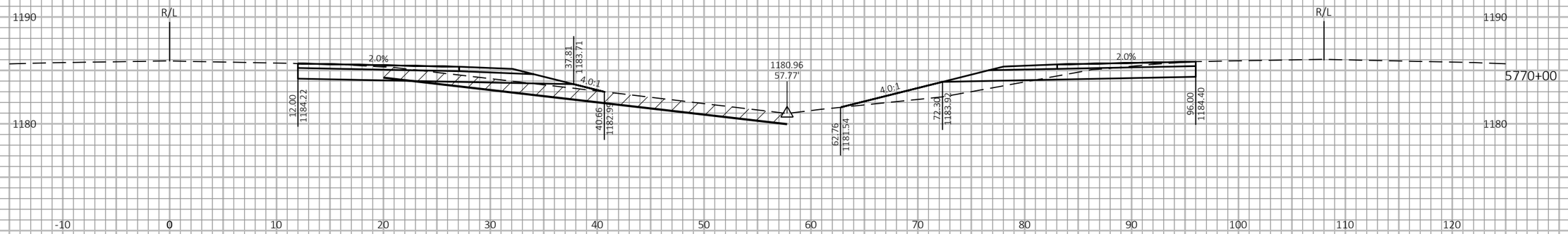
LEGEND

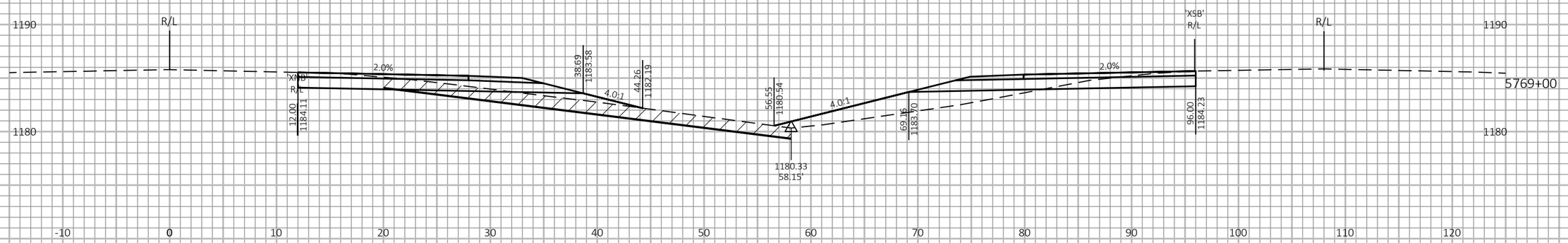
EXISTING GROUND

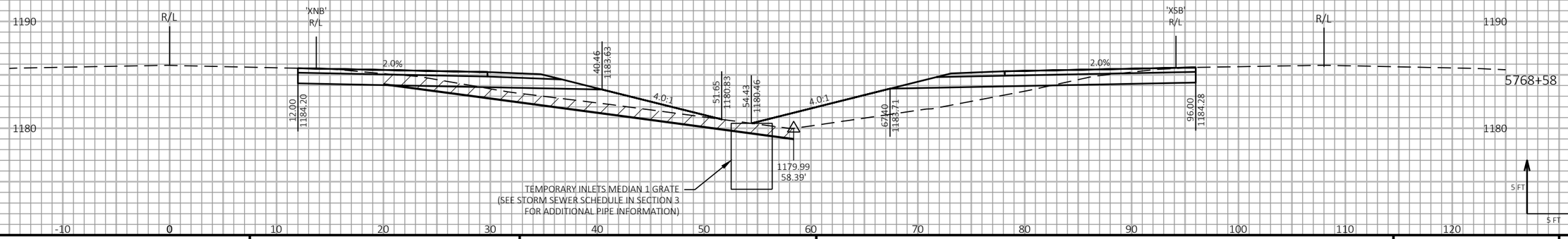
STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (SB SIDE) FROM STA 5756+08 TO STA 5770+85 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 411	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090201-XS-S1.DWG
LAYOUT NAME - 08

PLOT DATE : 1/20/2022 7:59 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

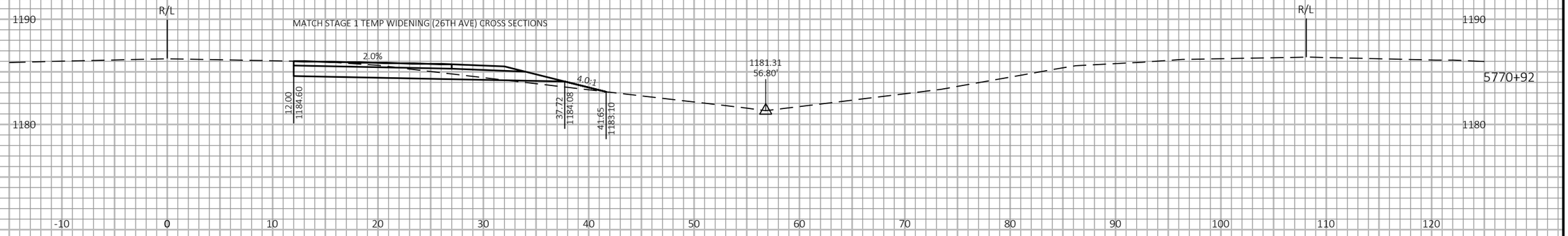
EXISTING GROUND

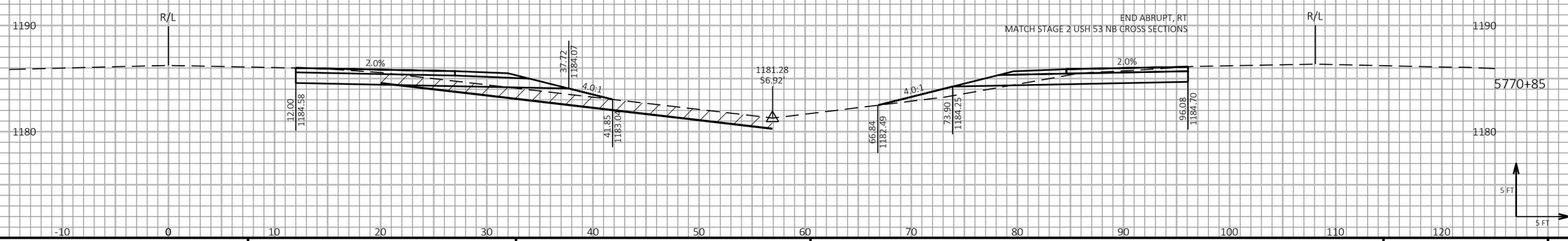
STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (SB SIDE) FROM STA 5756+08 TO STA 5770+85 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

MATCH STAGE 1 TEMP WIDENING (26TH AVE) CROSS SECTIONS





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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 412	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090201-XS-S1.DWG
LAYOUT NAME - 09

PLOT DATE : 1/20/2022 7:59 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

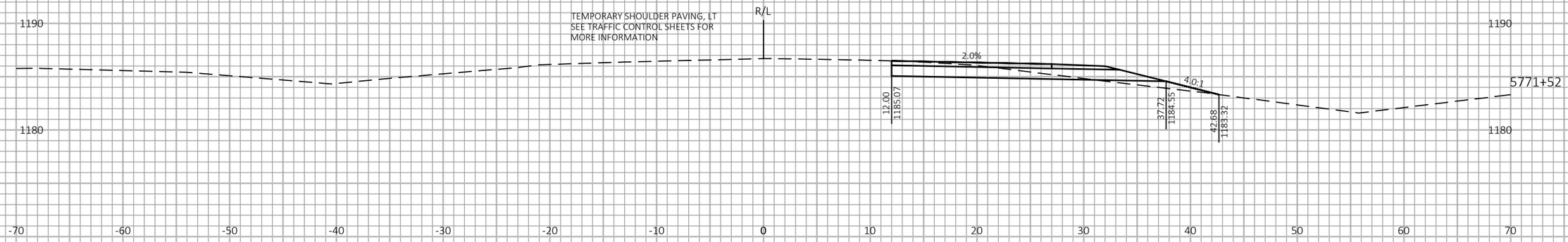
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

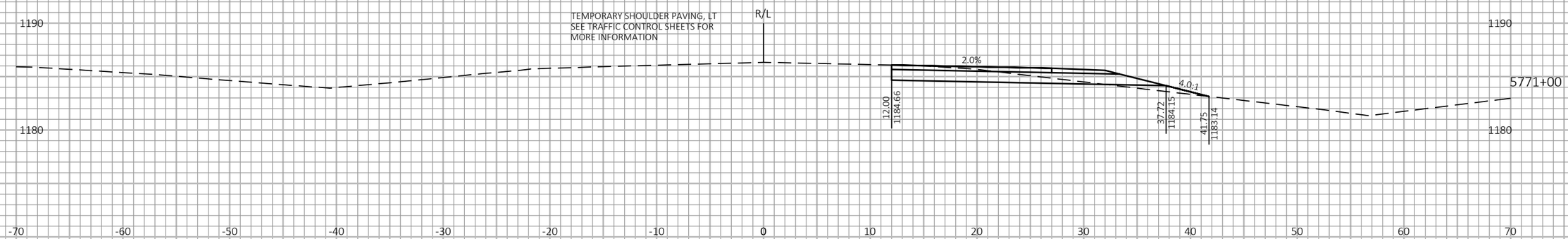
WISDOT/CADDS SHEET 49

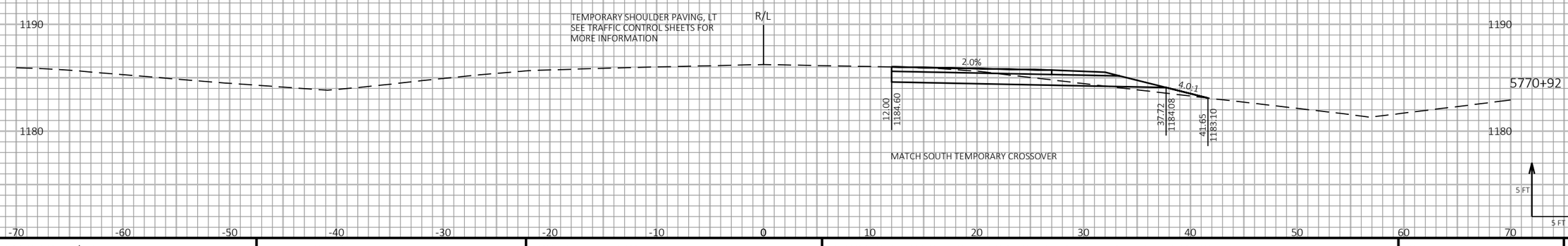
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 26TH AVE	SHEET 413	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 01

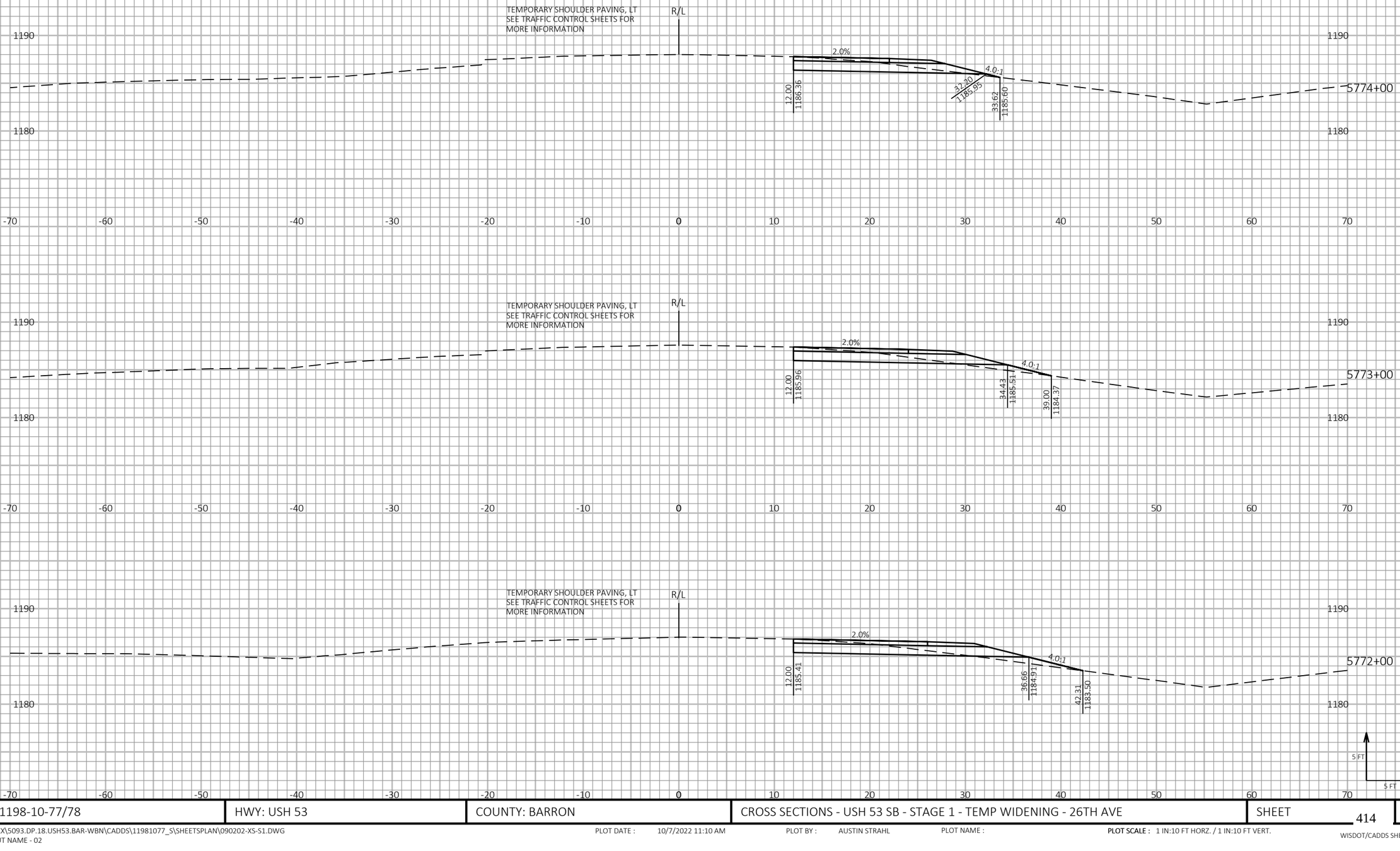
PLOT DATE : 10/7/2022 11:10 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 26TH AVE	SHEET 414	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 02

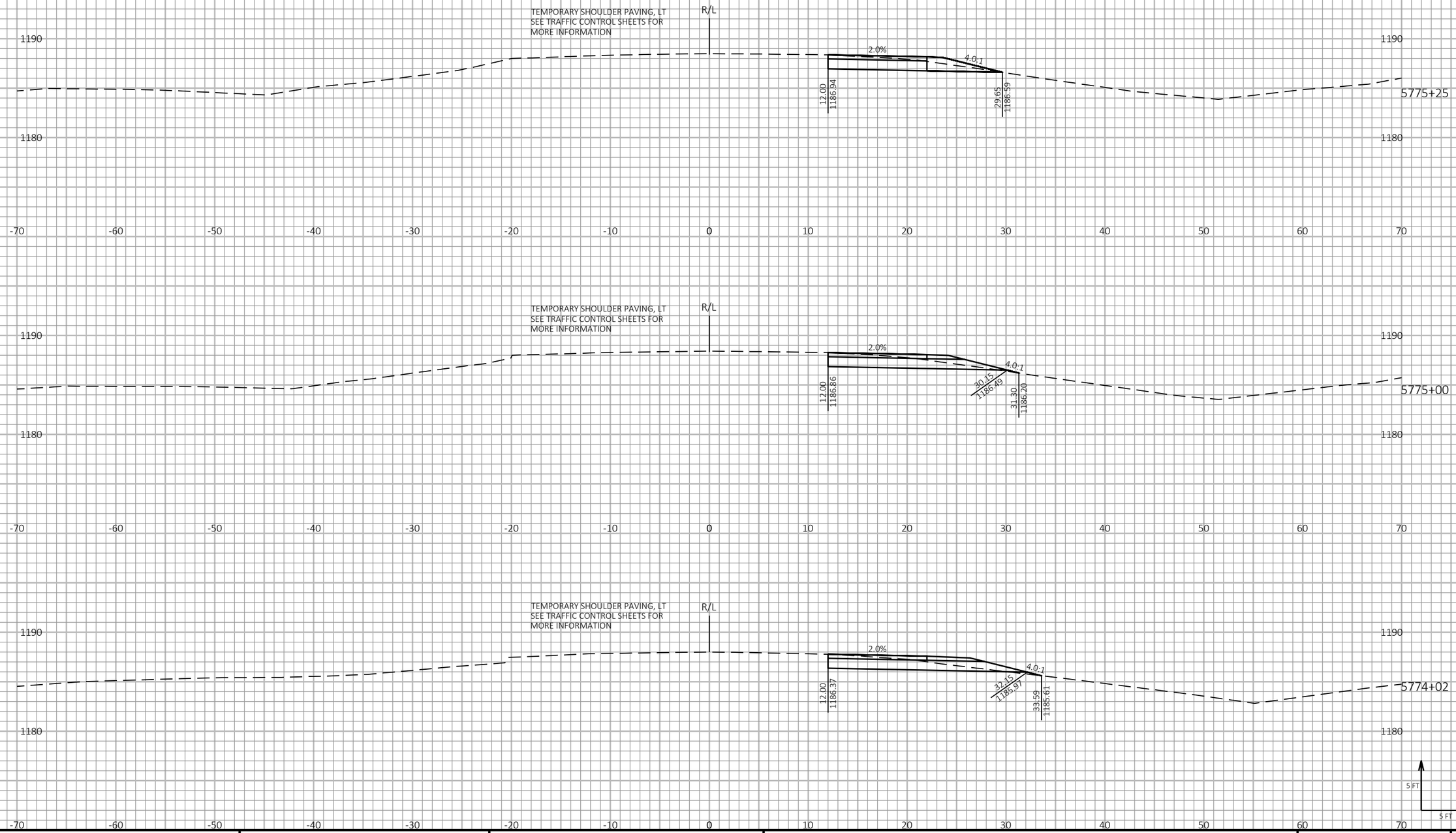
PLOT DATE : 10/7/2022 11:10 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 26TH AVE	SHEET 415	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 03

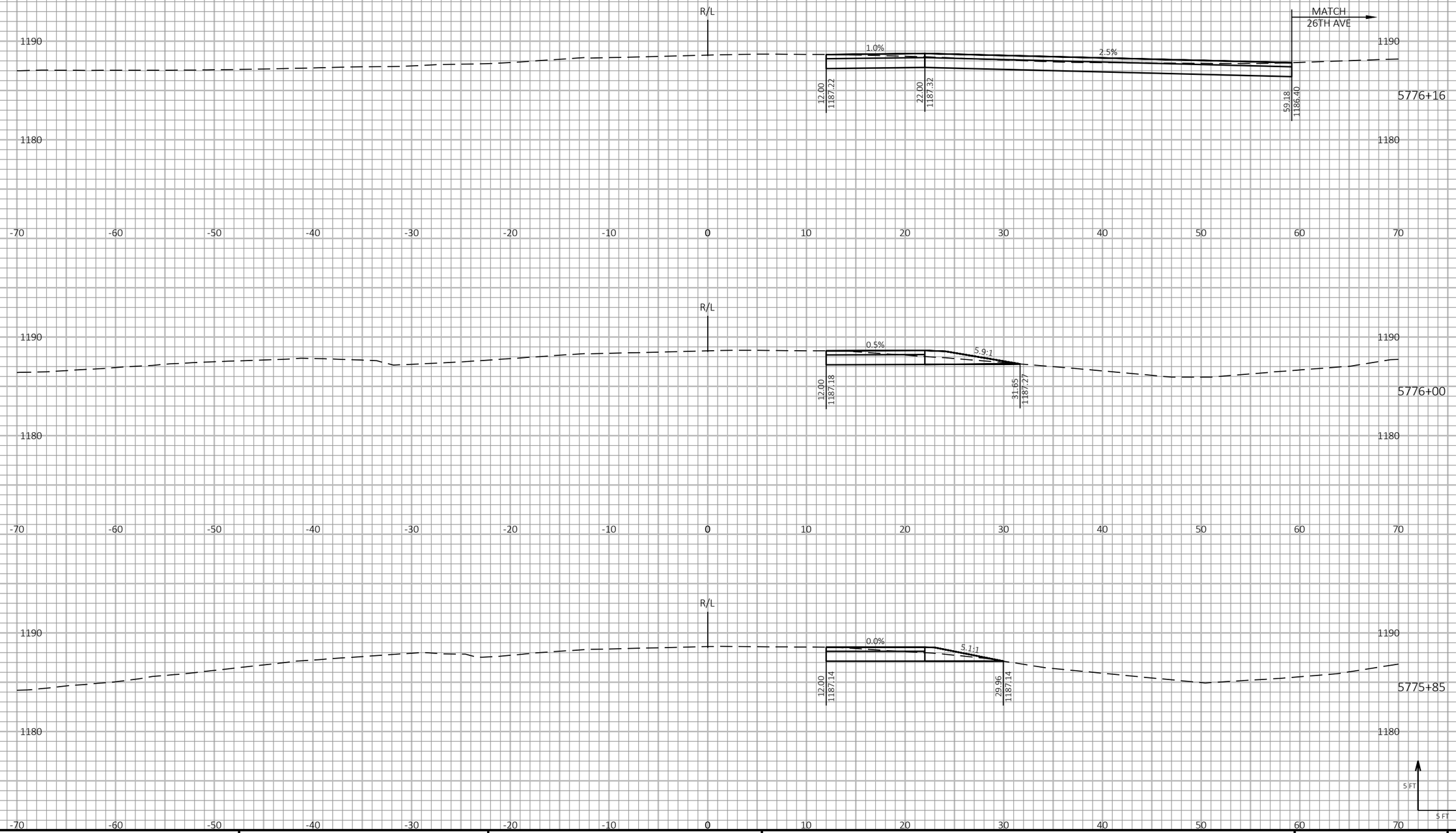
PLOT DATE : 10/7/2022 11:10 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 26TH AVE	SHEET 416	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 04

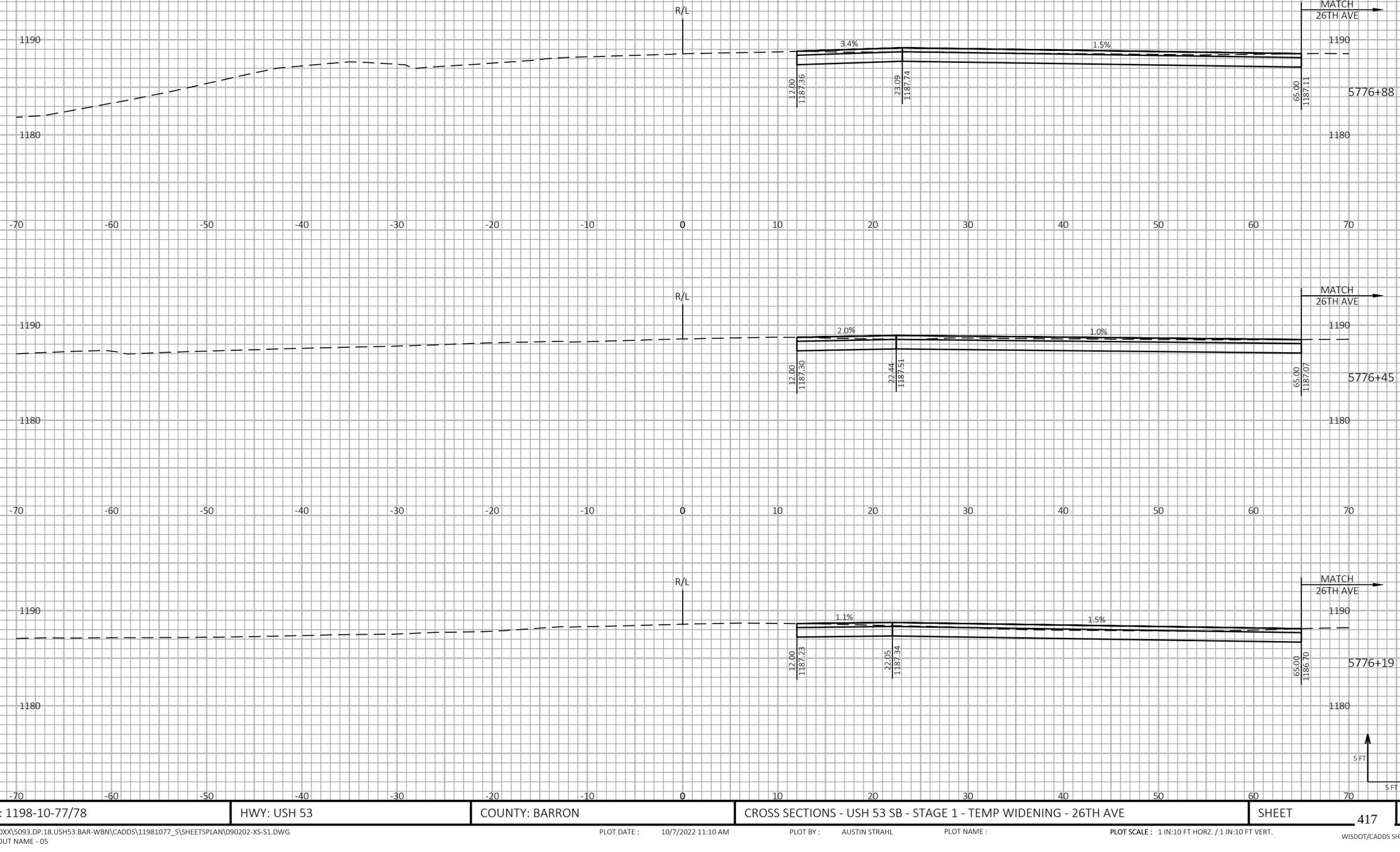
PLOT DATE : 10/7/2022 11:10 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 26TH AVE	SHEET 417	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 05

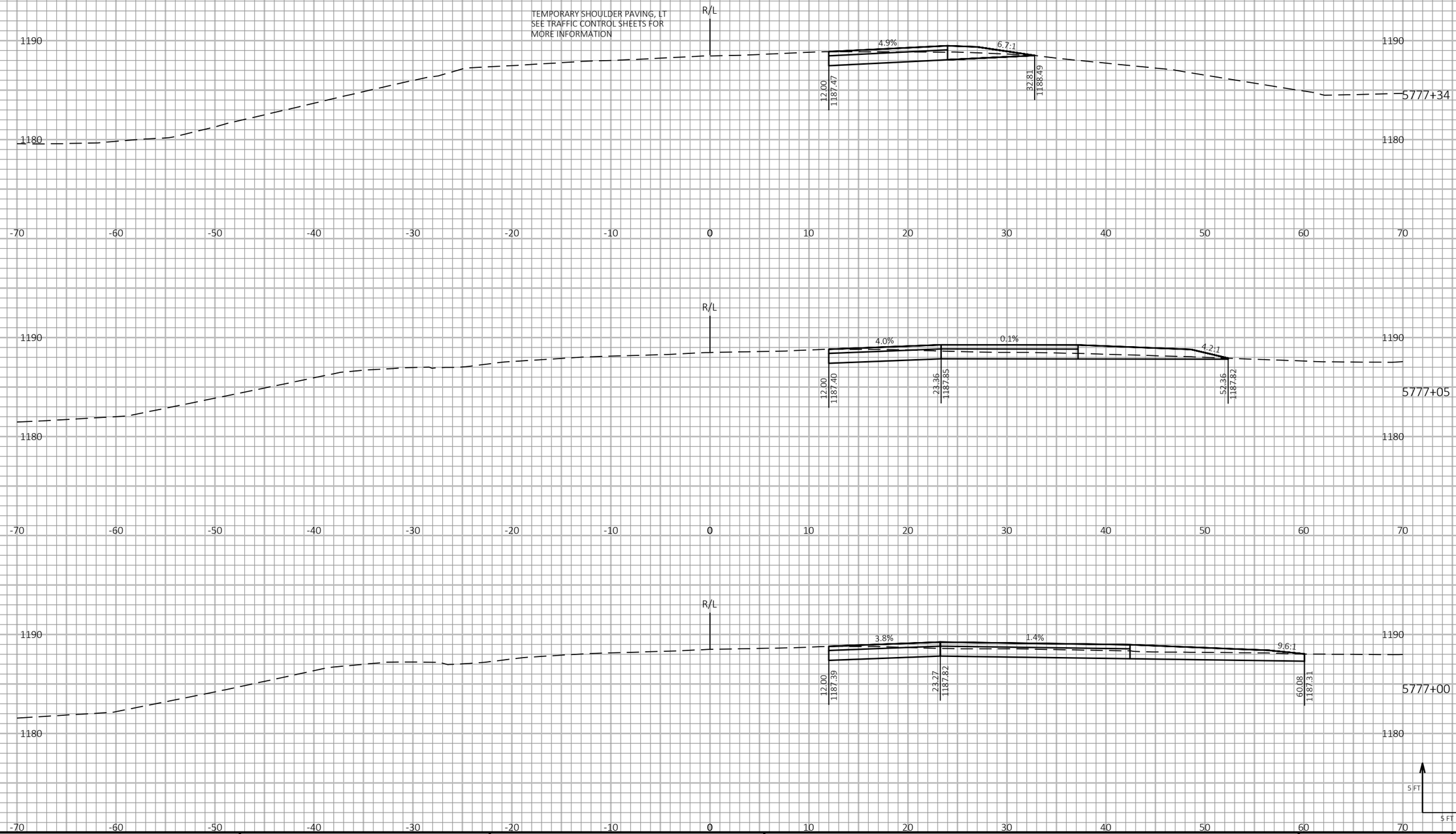
PLOT DATE : 10/7/2022 11:10 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 26TH AVE	SHEET 418	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 06

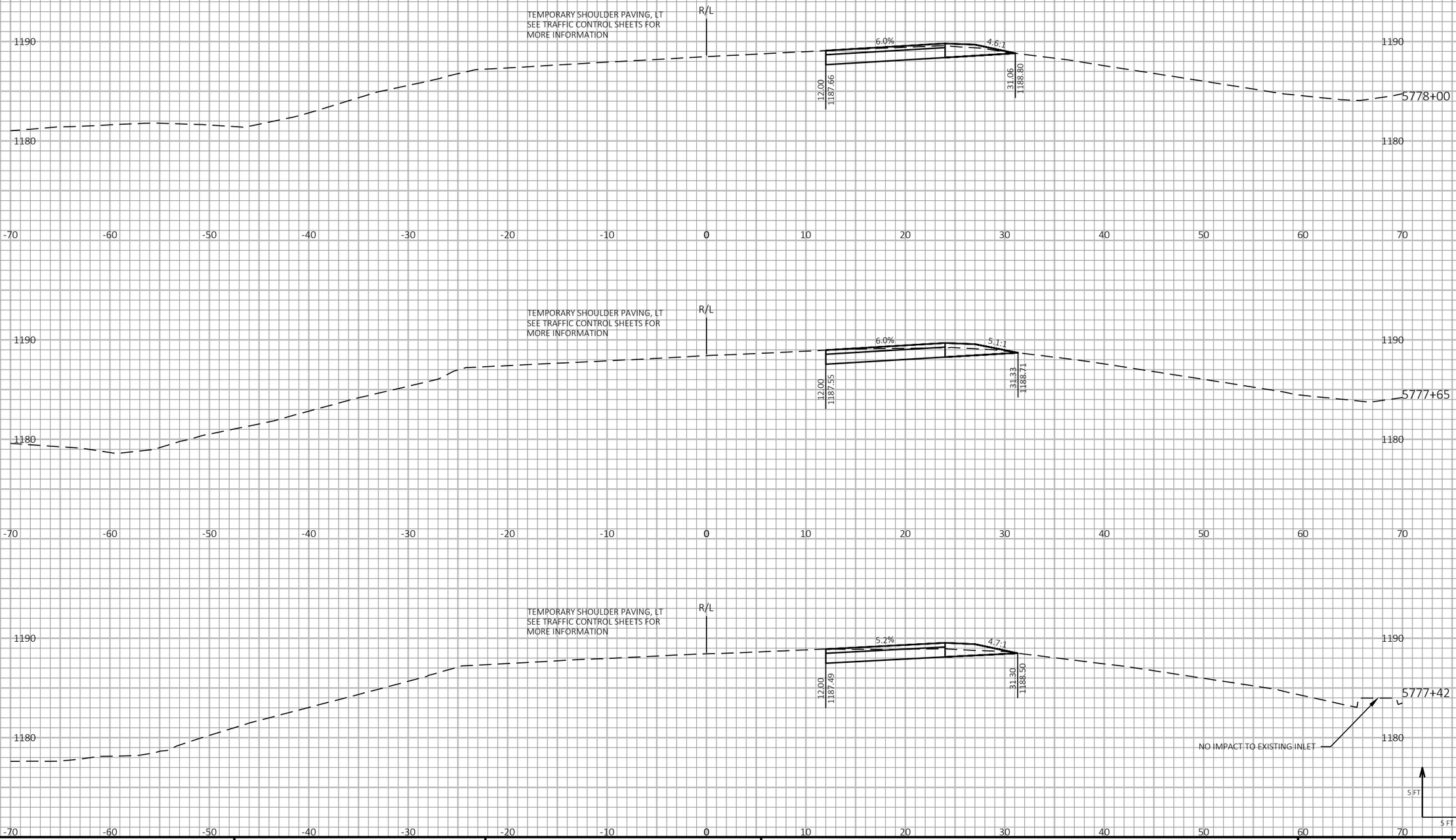
PLOT DATE : 10/7/2022 11:10 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 26TH AVE	SHEET 419	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 07

PLOT DATE : 10/7/2022 11:10 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

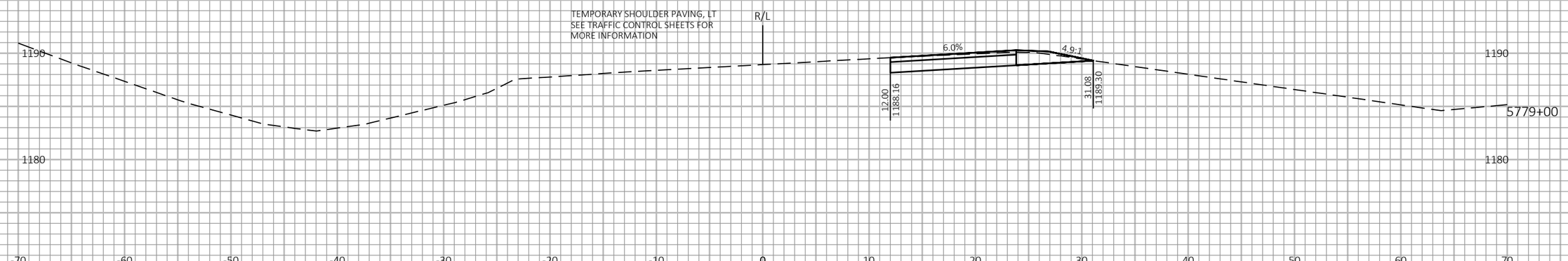
WISDOT/CADDS SHEET 49

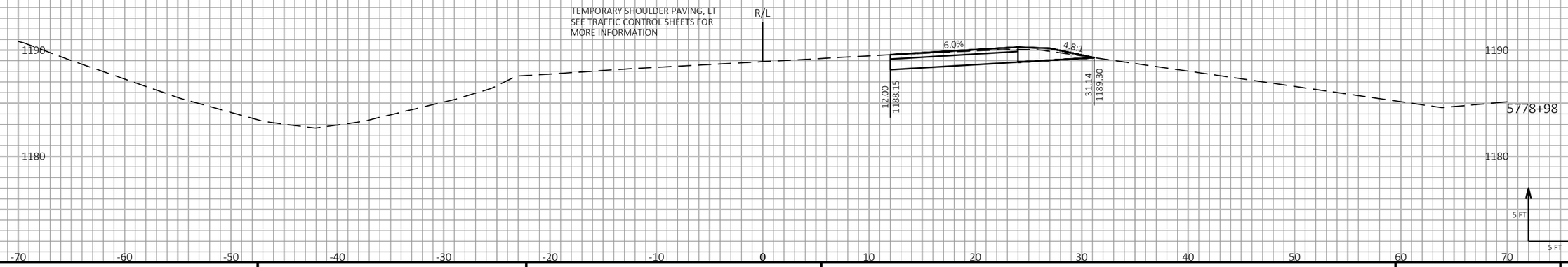
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 26TH AVE	SHEET 420	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 08

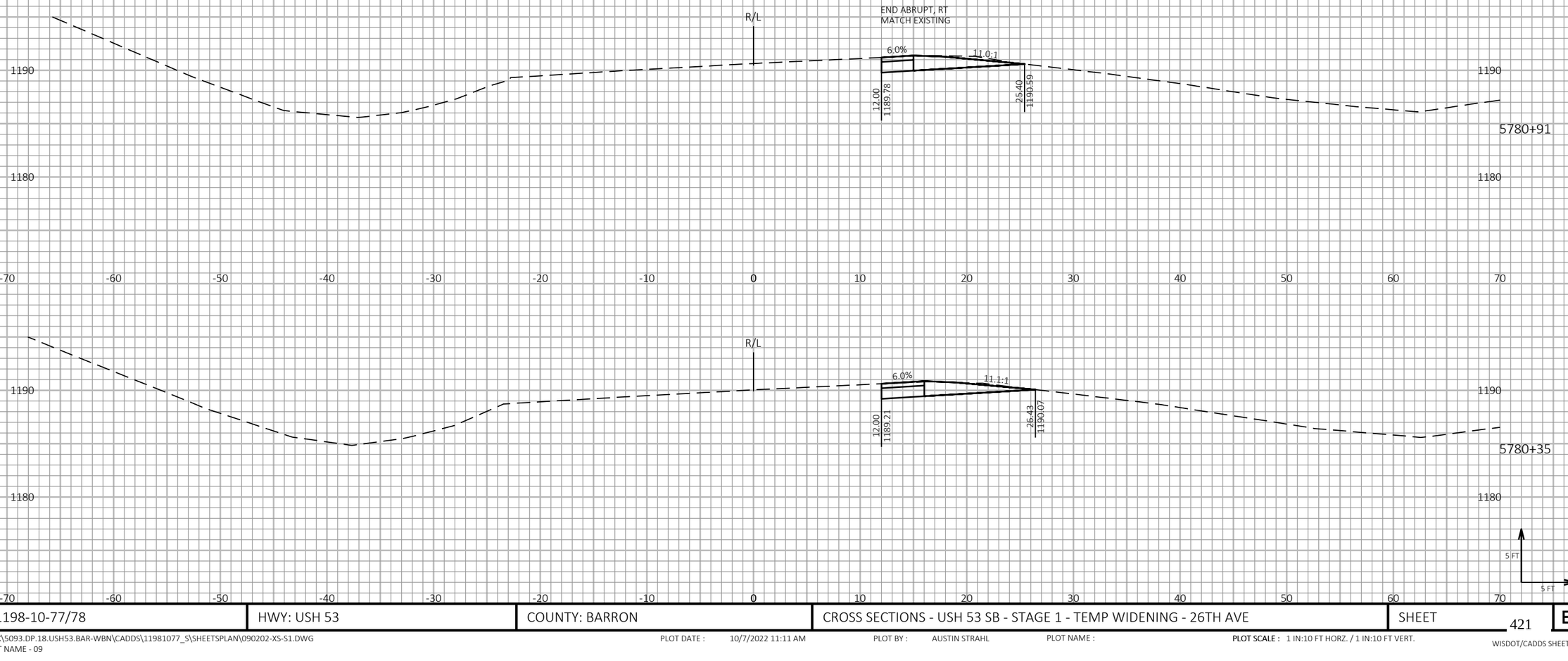
PLOT DATE : 10/7/2022 11:11 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 26TH AVE	SHEET 421	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 09

PLOT DATE : 10/7/2022 11:11 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

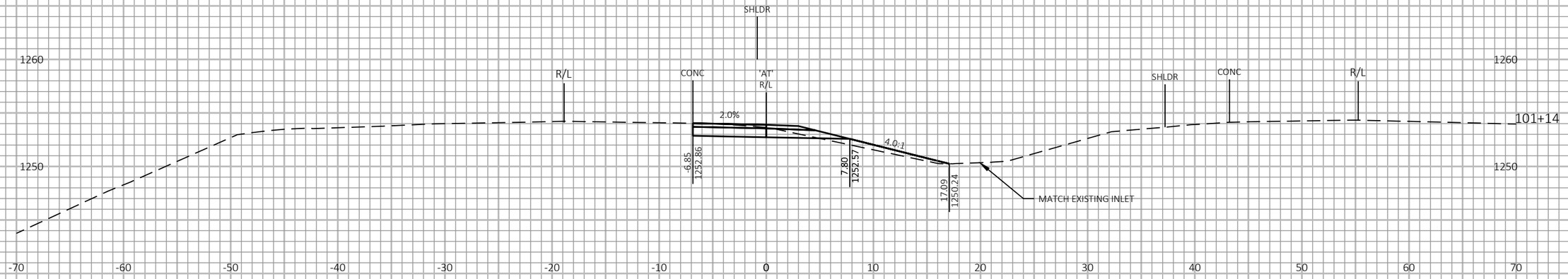
WISDOT/CADDS SHEET 49

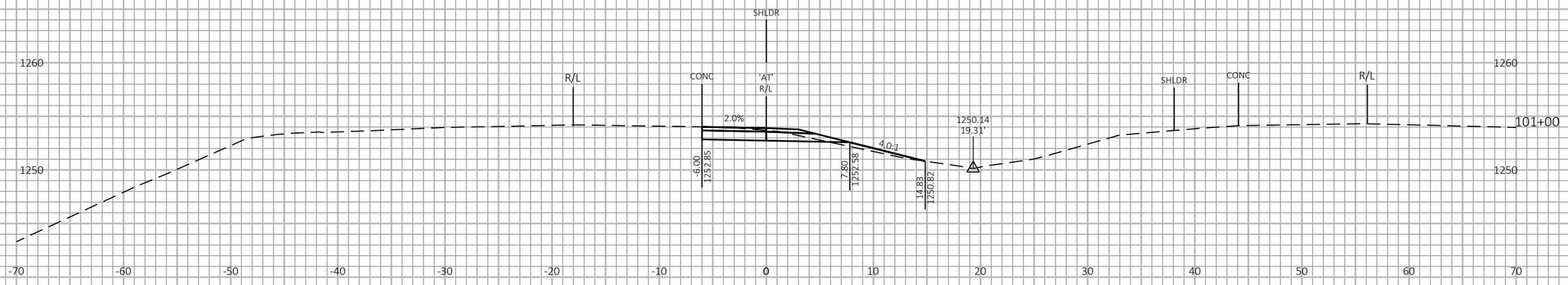
LEGEND

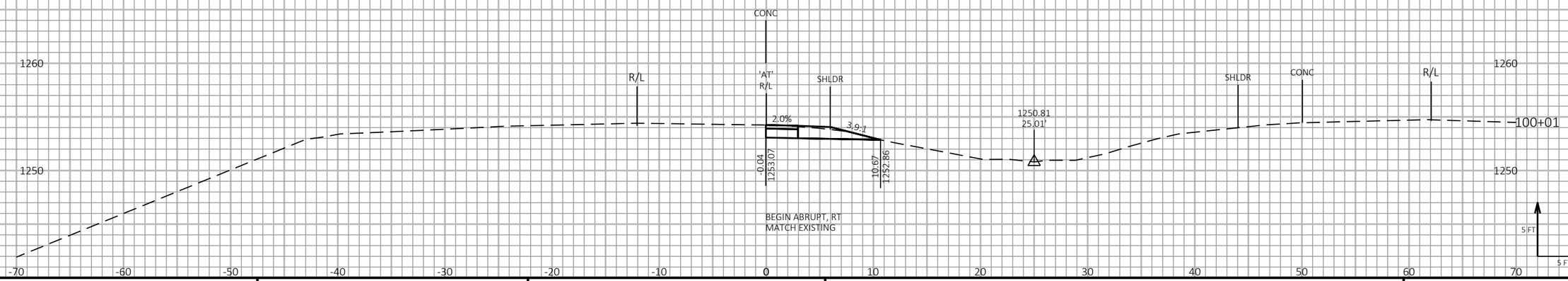
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB EXIT RAMP	SHEET 422	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 01

PLOT DATE : 2/1/2022 1:12 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

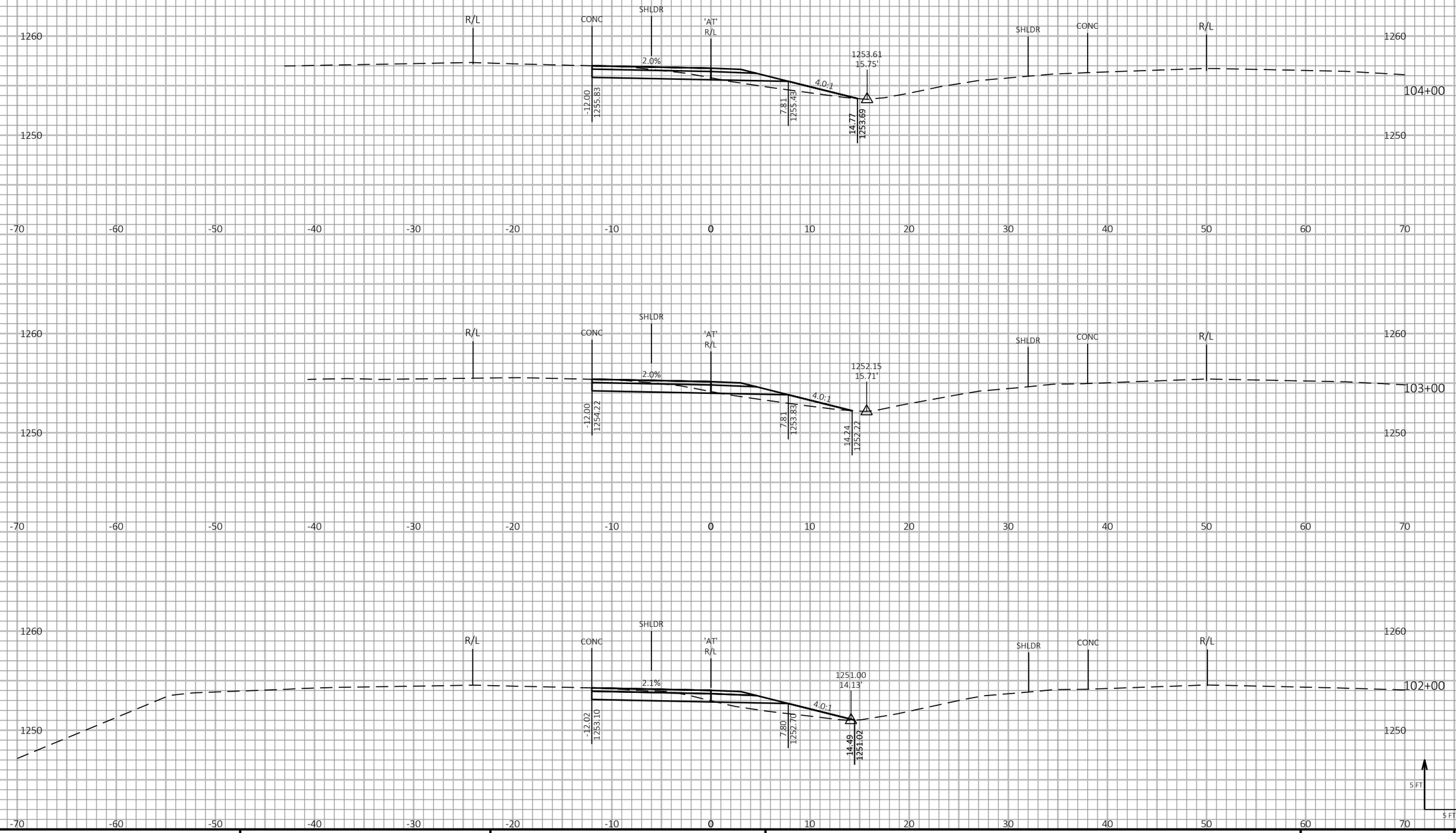
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB EXIT RAMP	SHEET 423	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 02

PLOT DATE : 2/1/2022 1:13 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

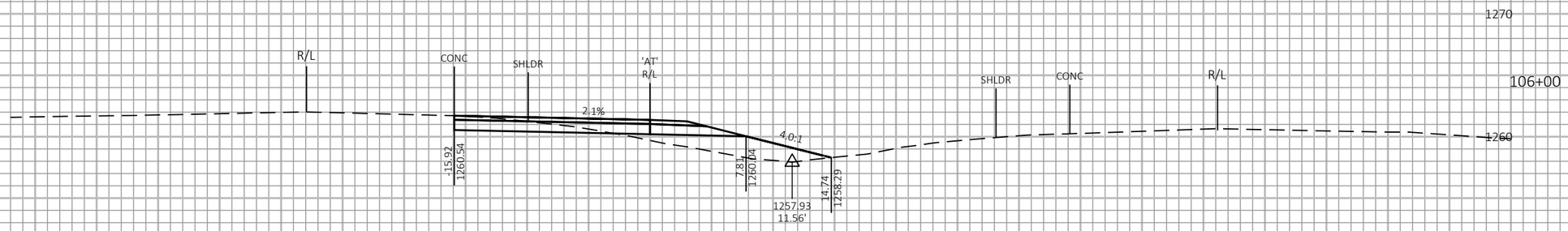
WISDOT/CADDS SHEET 49

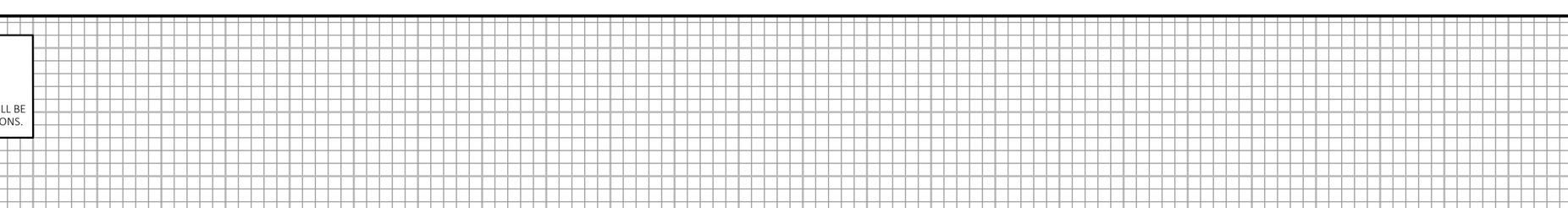
LEGEND

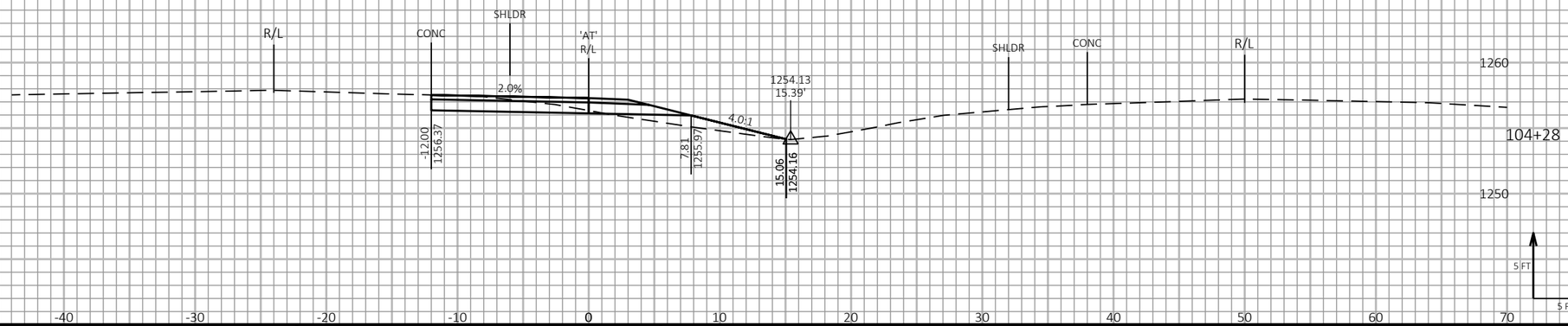
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB EXIT RAMP	SHEET 424	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 03

PLOT DATE : 2/1/2022 1:13 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

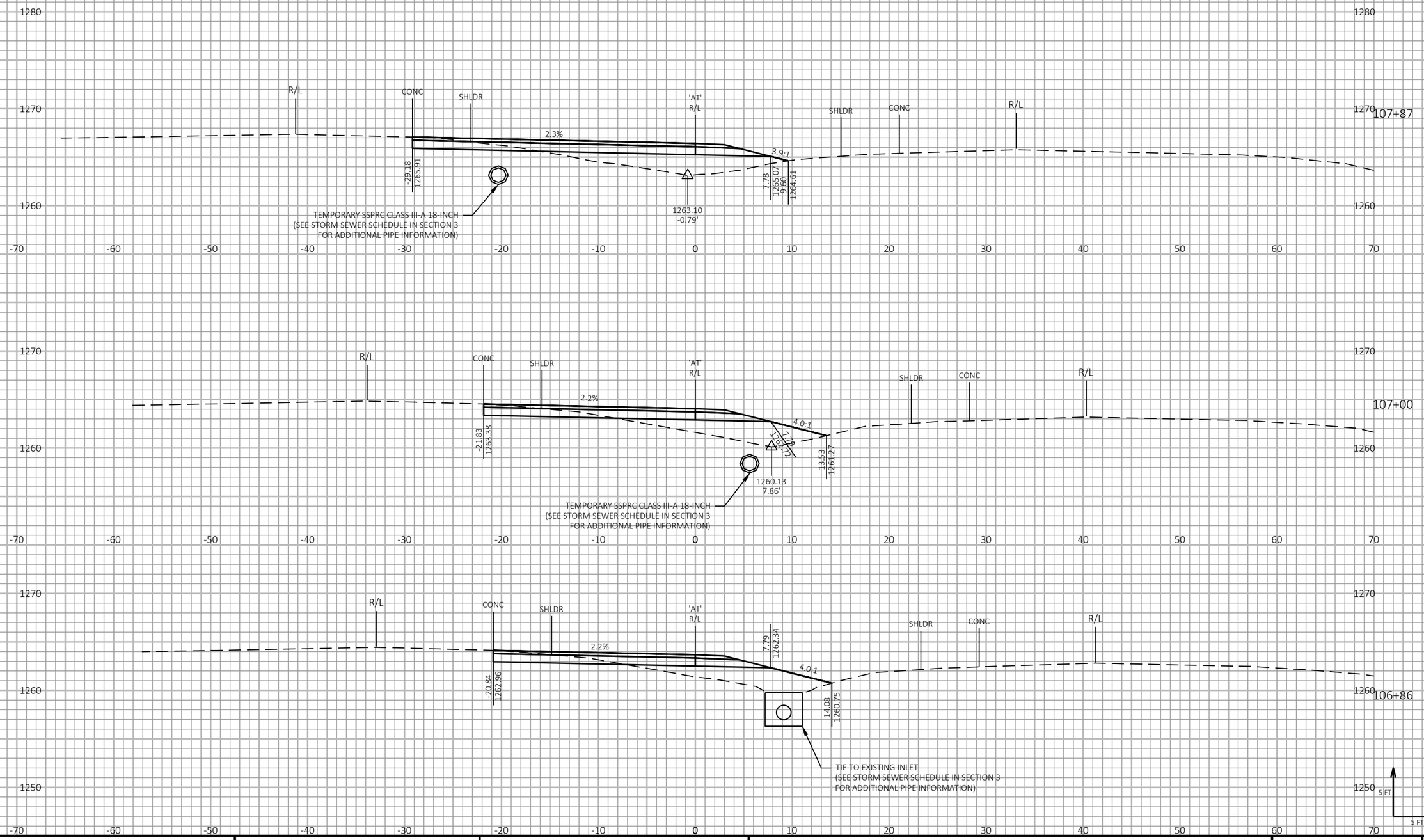
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB EXIT RAMP	SHEET 425	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 04

PLOT DATE : 2/1/2022 1:13 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

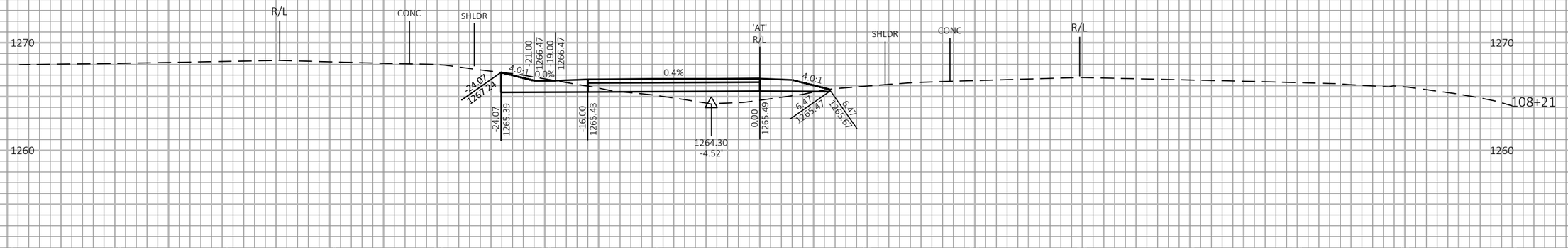
WISDOT/CADDS SHEET 49

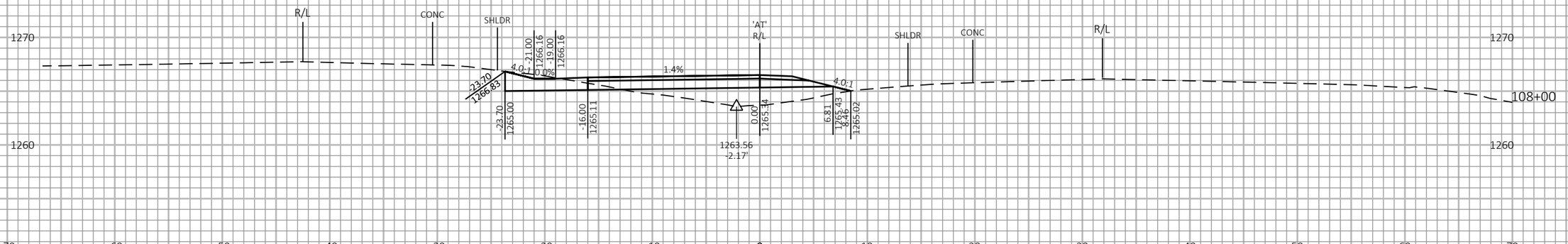
LEGEND

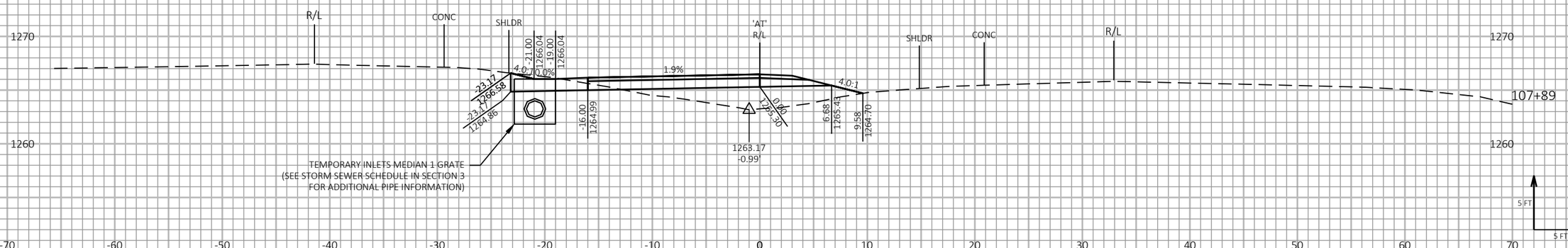
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB EXIT RAMP	SHEET 426	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 05

PLOT DATE : 2/1/2022 1:13 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

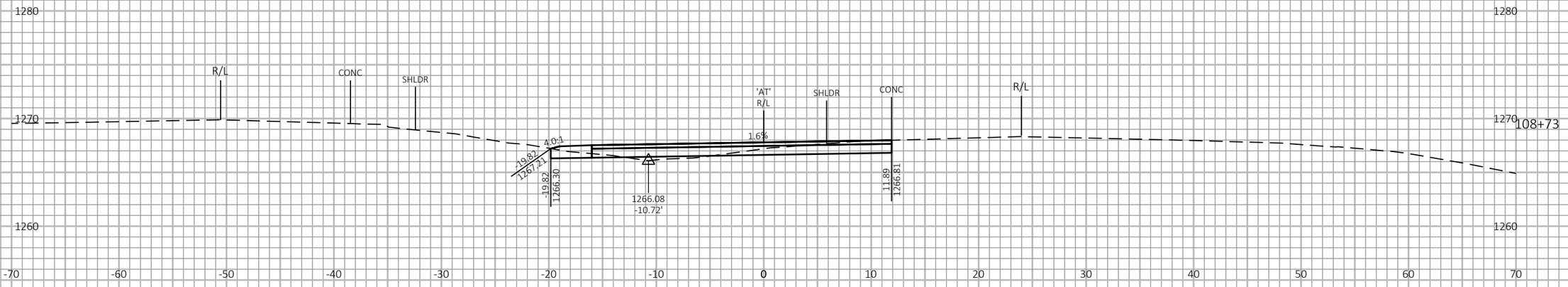
WISDOT/CADDS SHEET 49

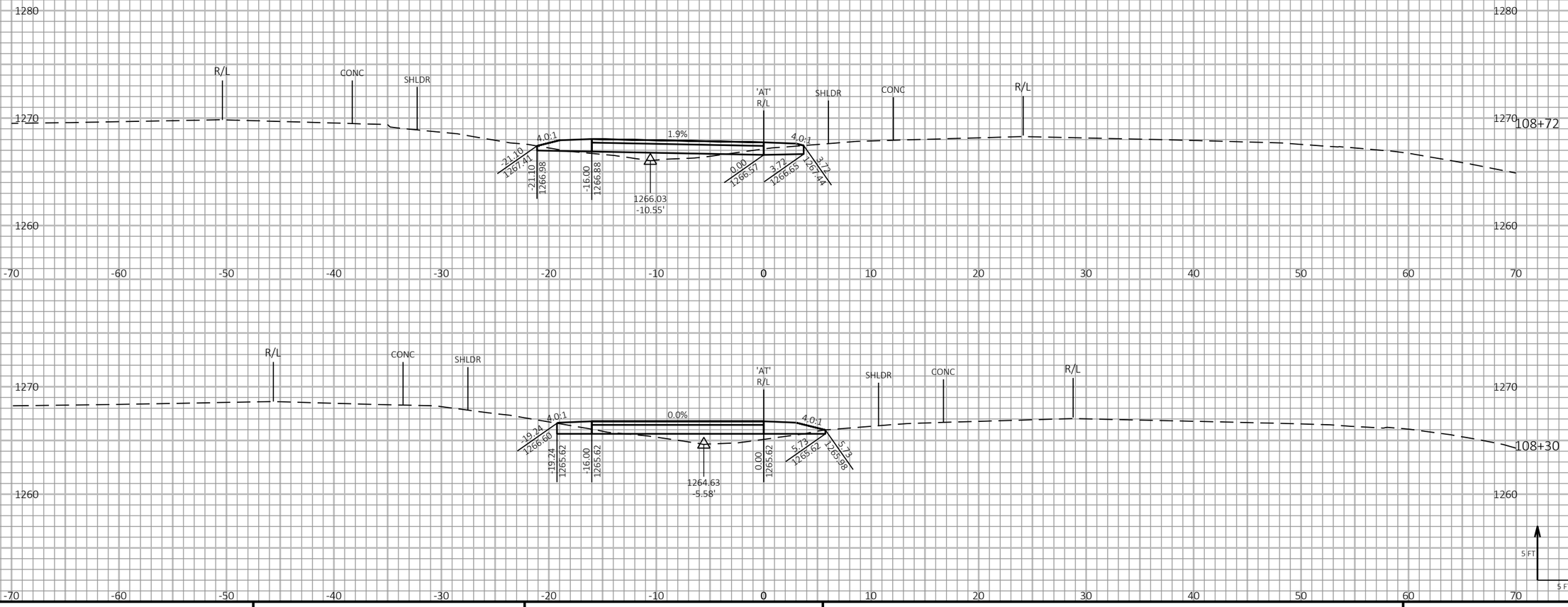
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB EXIT RAMP	SHEET 427	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 06

PLOT DATE : 2/1/2022 1:13 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

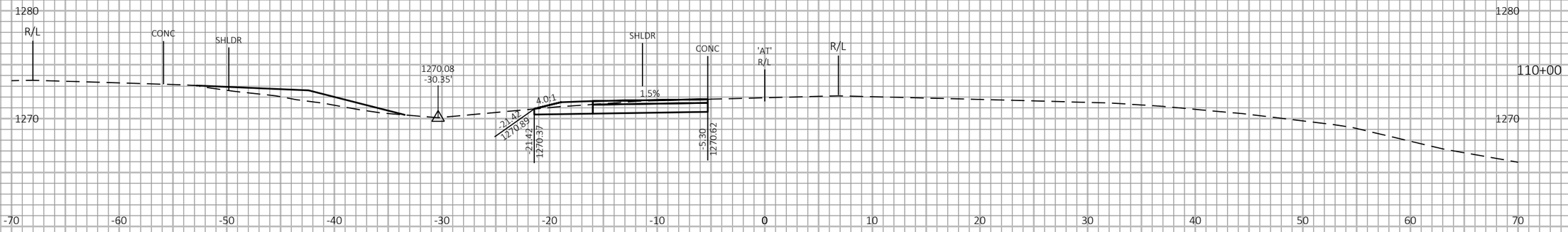
WISDOT/CADDS SHEET 49

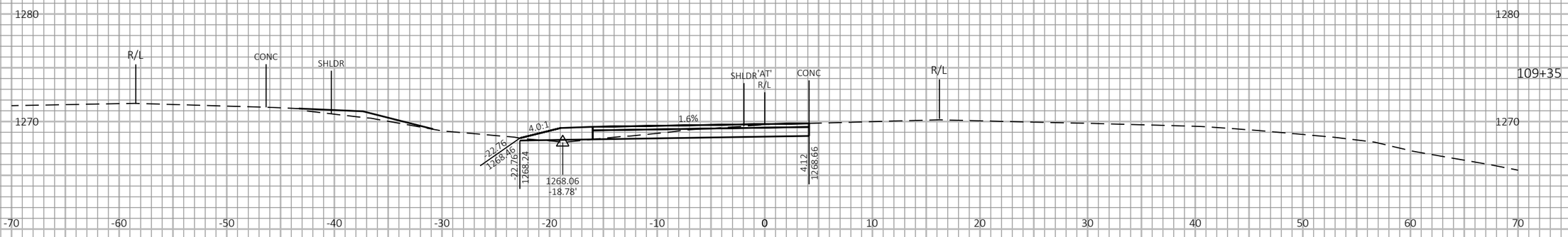
LEGEND

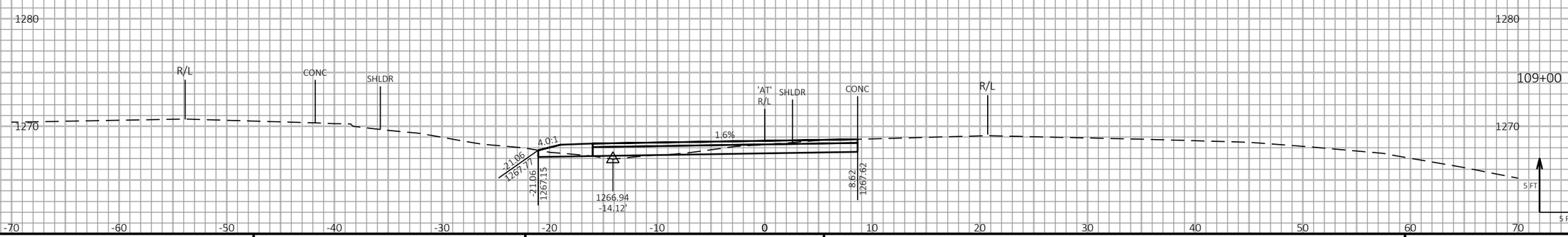
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB EXIT RAMP	SHEET 428	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 07

PLOT DATE : 2/1/2022 1:13 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

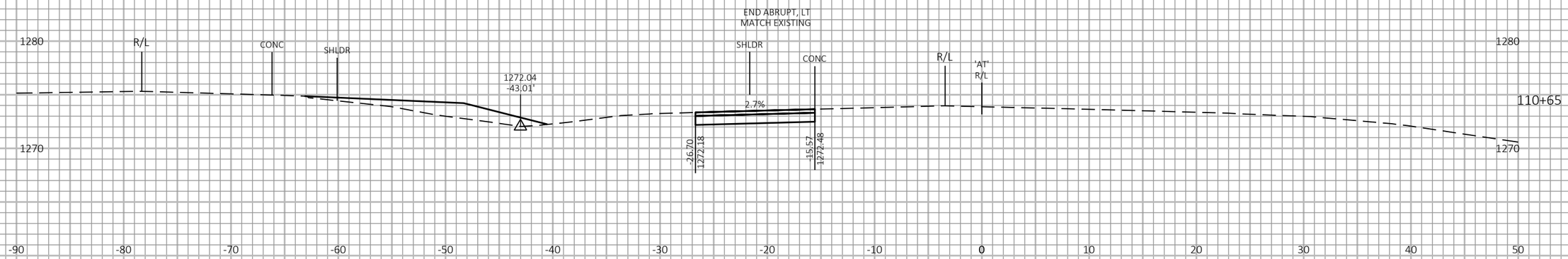
WISDOT/CADDS SHEET 49

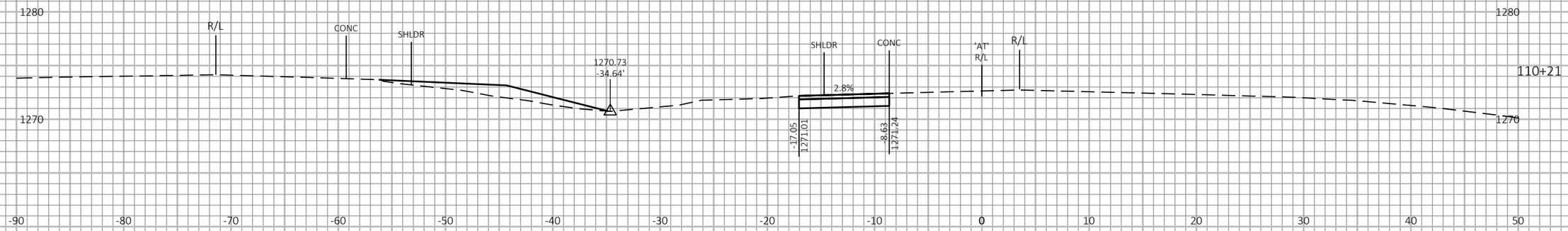
LEGEND

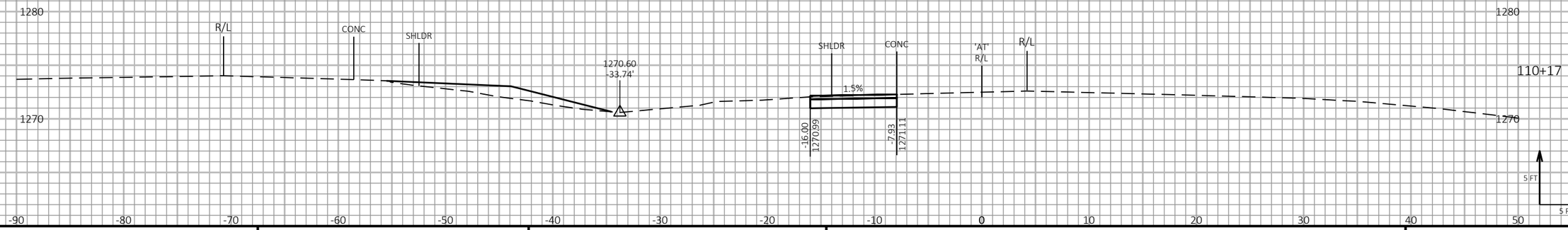
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB EXIT RAMP	SHEET 429	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 08

PLOT DATE : 2/1/2022 1:14 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

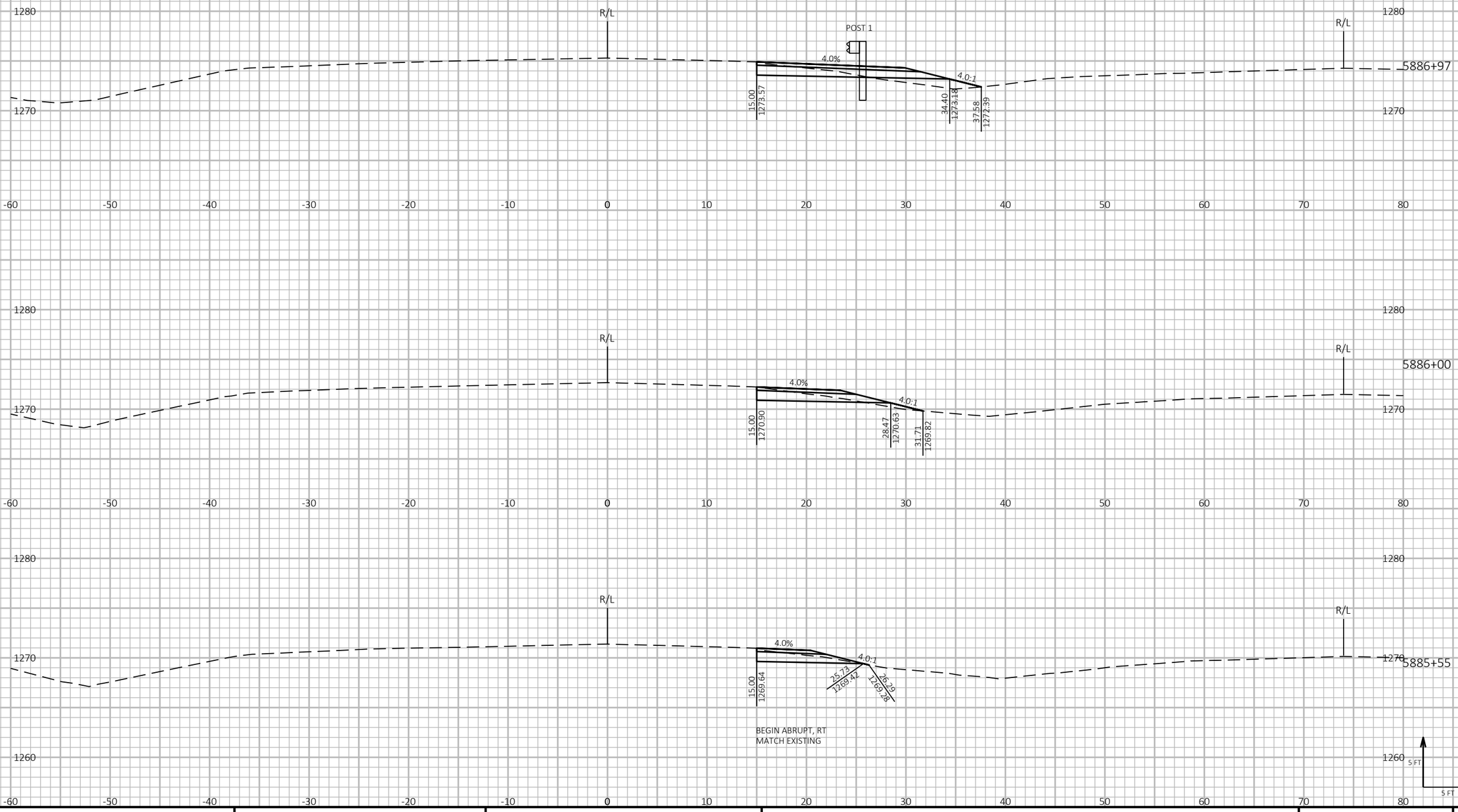
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP GUARDRAIL - CTH V	SHEET 430	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090204-XS-S1.DWG
LAYOUT NAME - 01

PLOT DATE : 1/12/2022 7:32 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

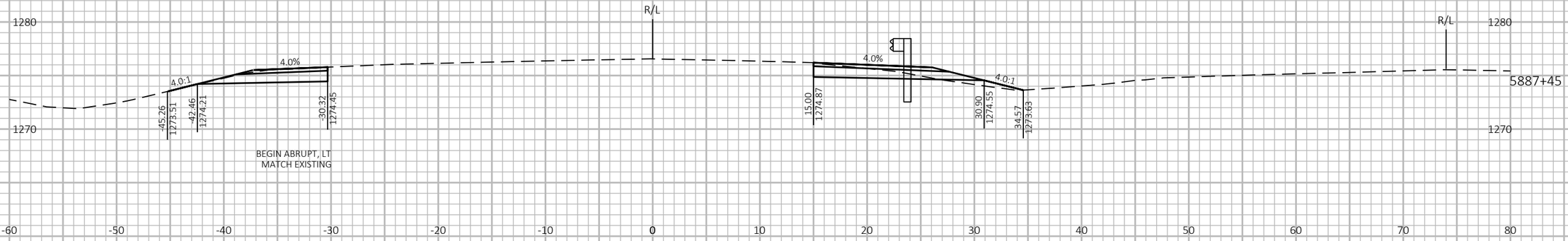
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

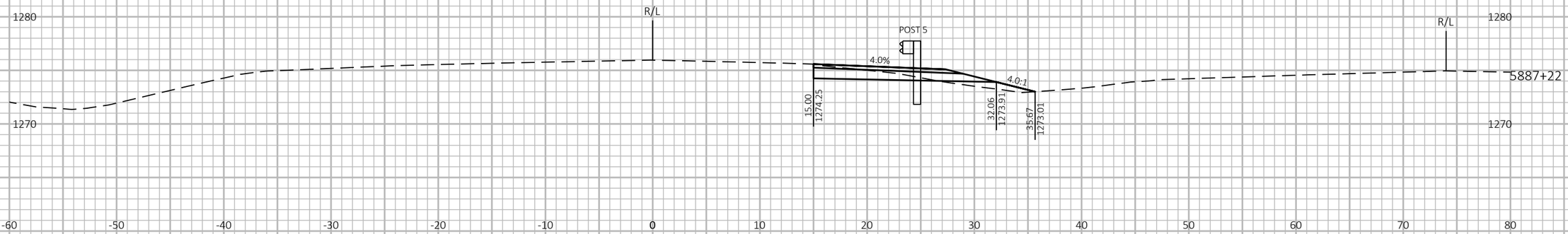
WISDOT/CADDS SHEET 49

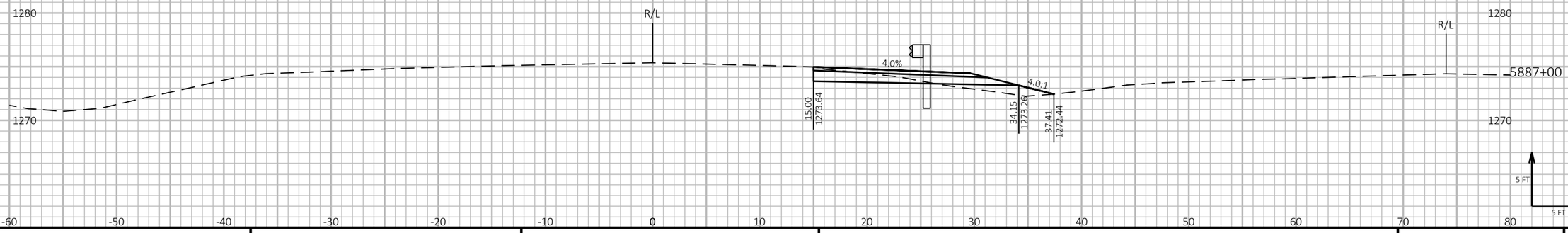
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP GUARDRAIL - CTH V	SHEET 431	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090204-XS-S1.DWG
LAYOUT NAME - 02

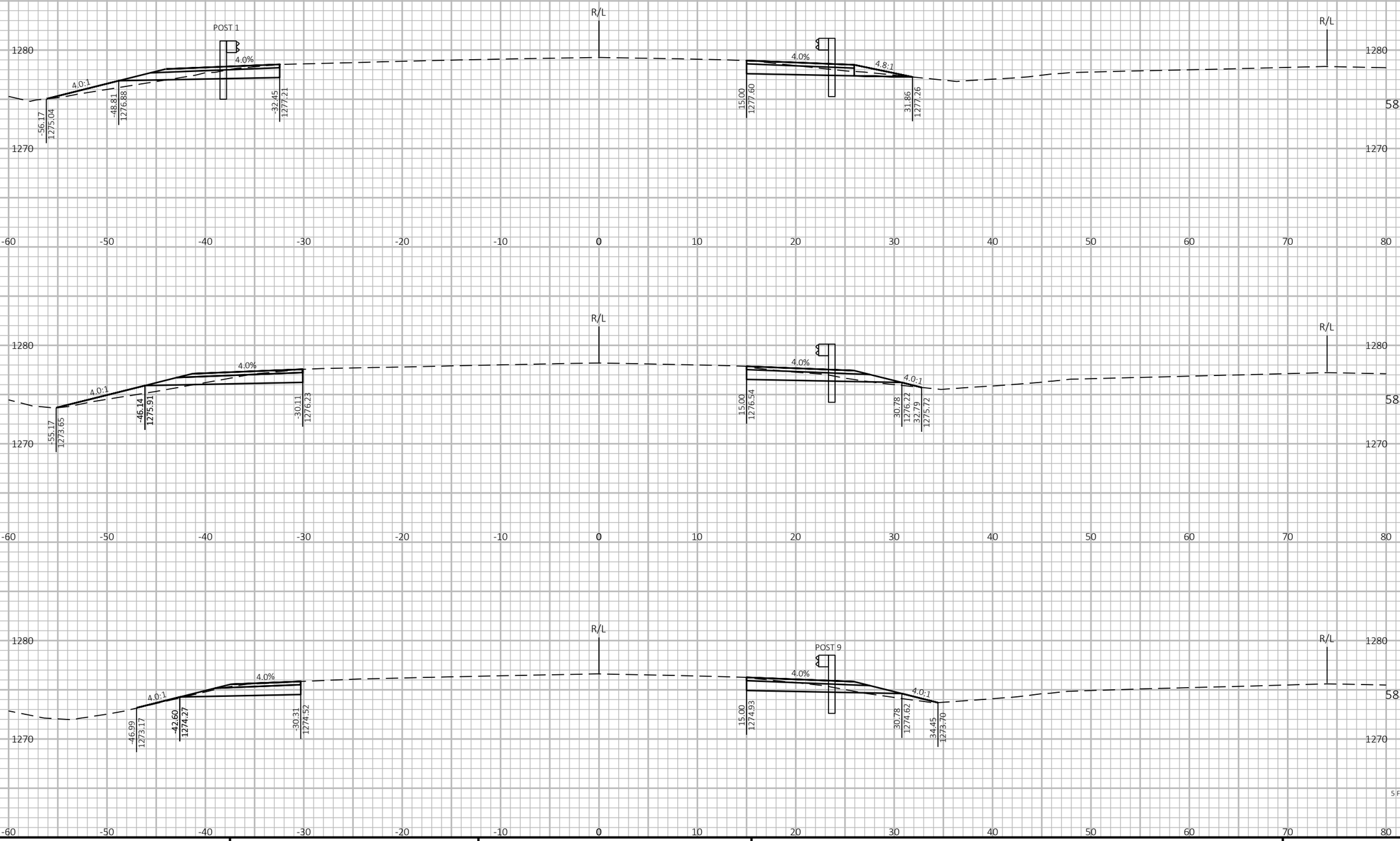
PLOT DATE : 1/12/2022 7:33 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP GUARDRAIL - CTH V	SHEET 432	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090204-XS-S1.DWG
LAYOUT NAME - 03

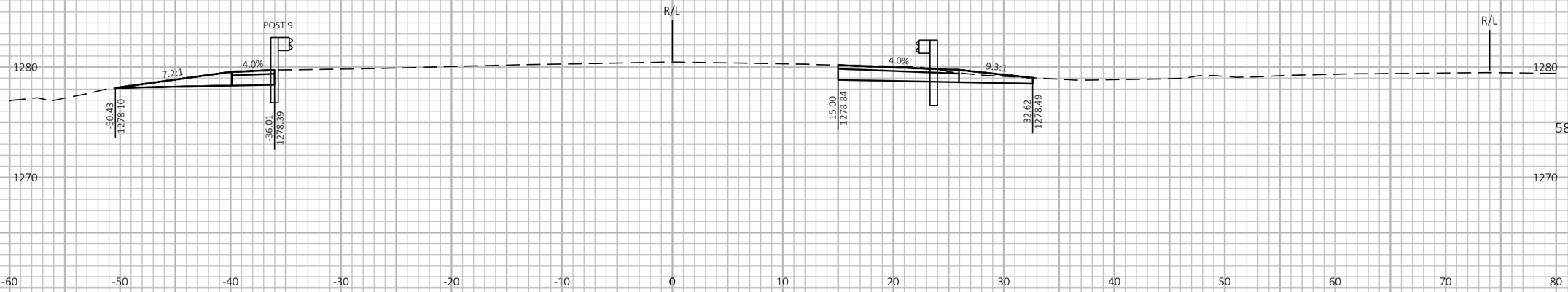
PLOT DATE : 1/12/2022 7:33 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

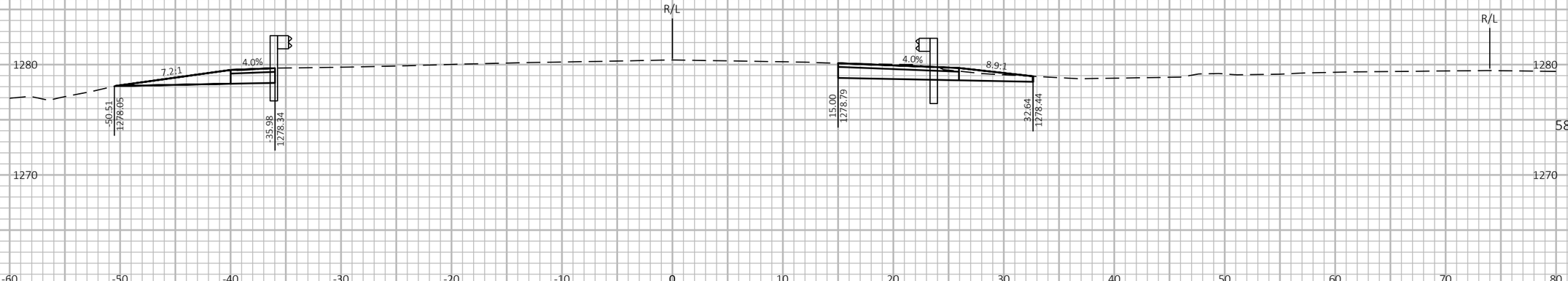
WISDOT/CADDS SHEET 49

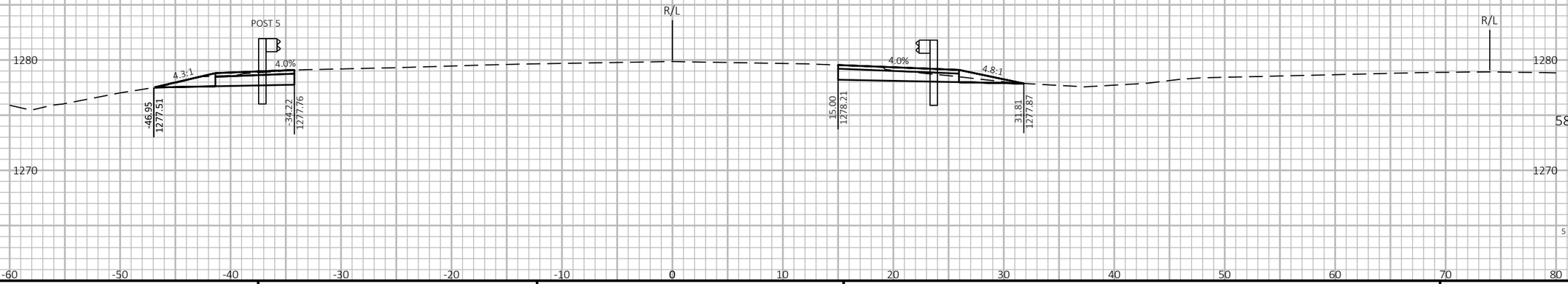
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP GUARDRAIL - CTH V	SHEET 433	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090204-XS-S1.DWG
LAYOUT NAME - 04

PLOT DATE : 1/12/2022 7:33 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

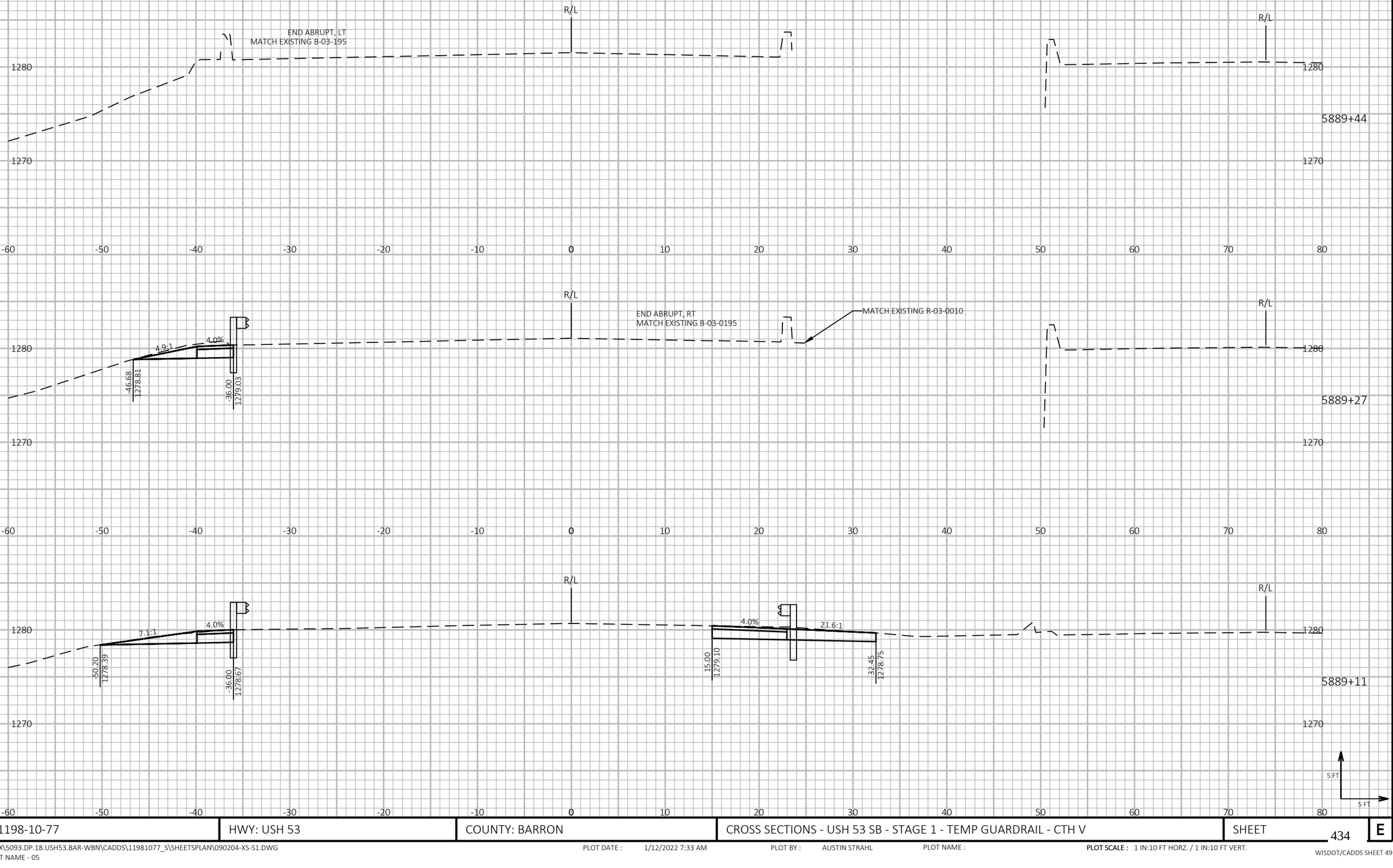
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP GUARDRAIL - CTH V	SHEET 434	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090204-XS-S1.DWG
LAYOUT NAME - 05

PLOT DATE : 1/12/2022 7:33 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

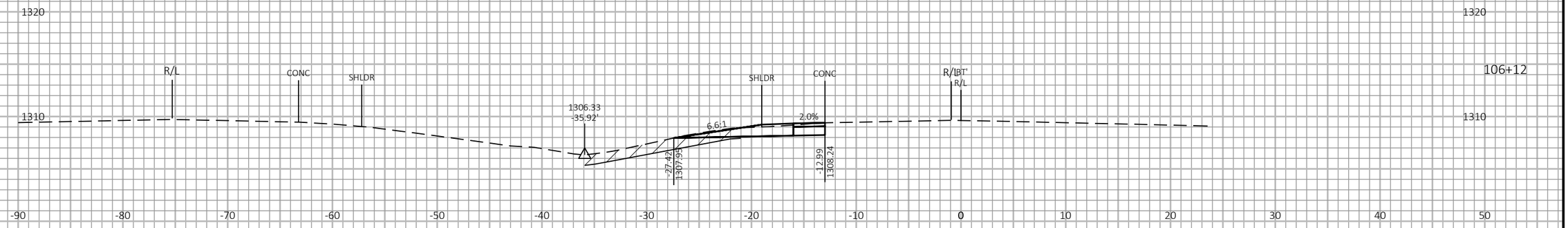
LEGEND

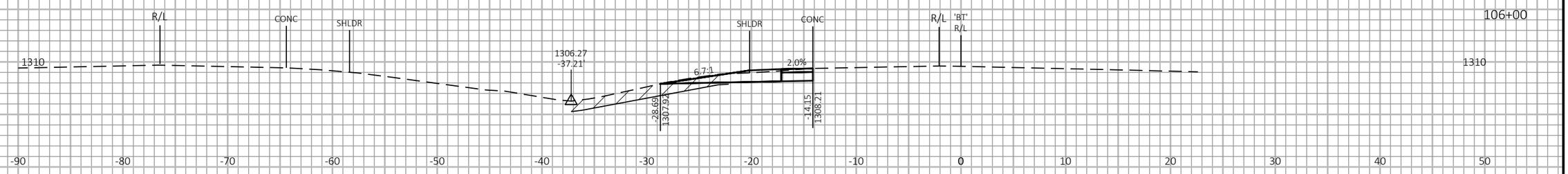
EXISTING GROUND

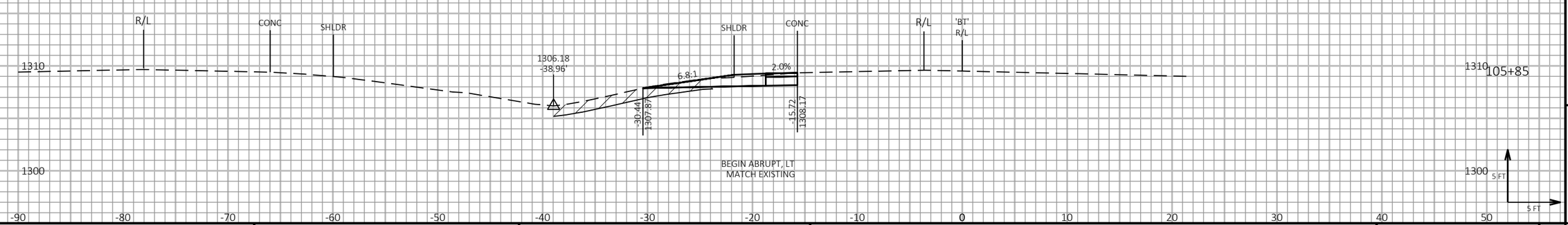
STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (NB SIDE) FROM STA 105+85 TO STA 121+97 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB ENTRANCE RAMP	SHEET 435	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090205-XS-S1.DWG
LAYOUT NAME - 01

PLOT DATE : 1/20/2022 7:55 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

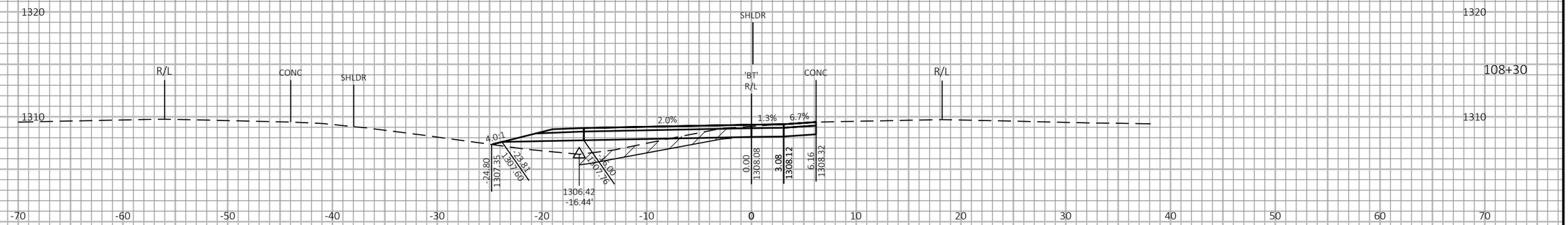
LEGEND

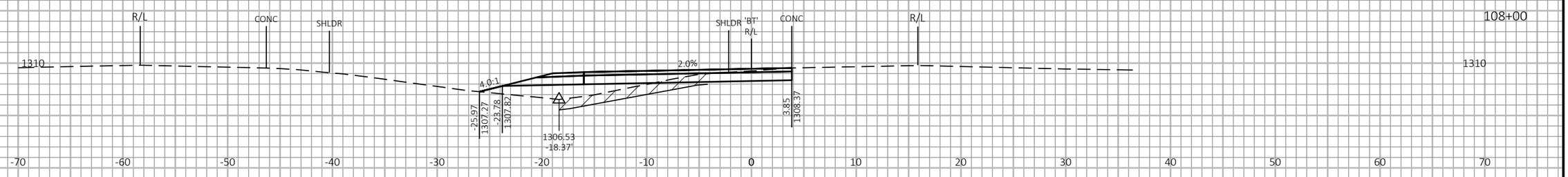
EXISTING GROUND

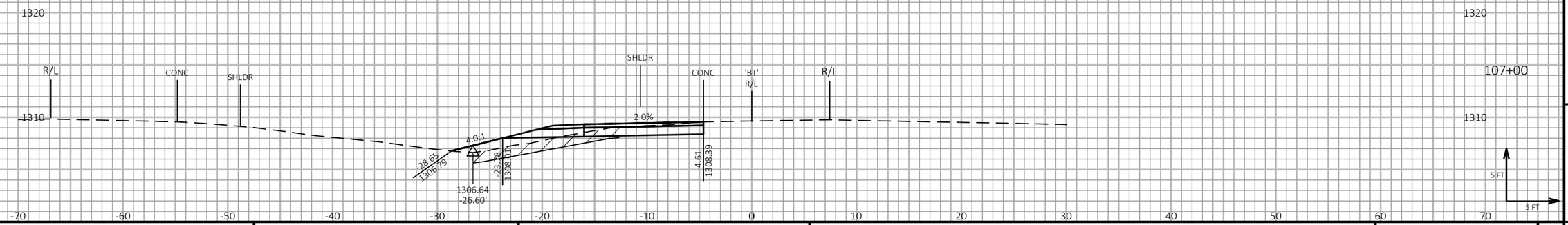
STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (NB SIDE) FROM STA 105+85 TO STA 121+97 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB ENTRANCE RAMP	SHEET 436	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090205-XS-S1.DWG
LAYOUT NAME - 02

PLOT DATE : 1/20/2022 7:55 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

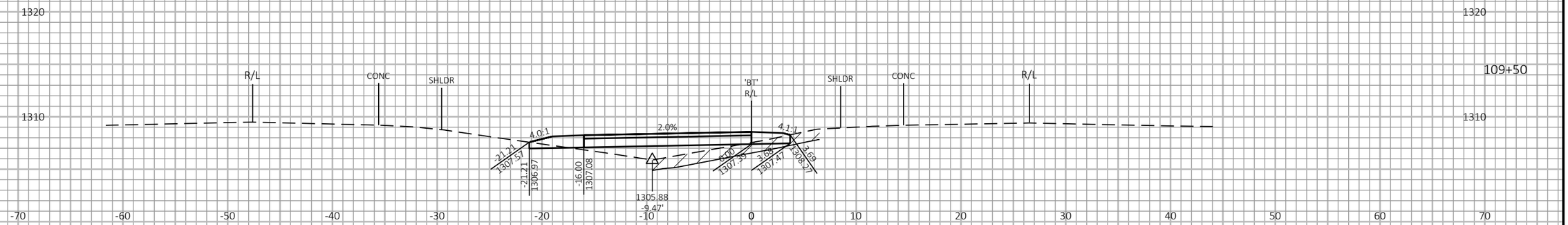
LEGEND

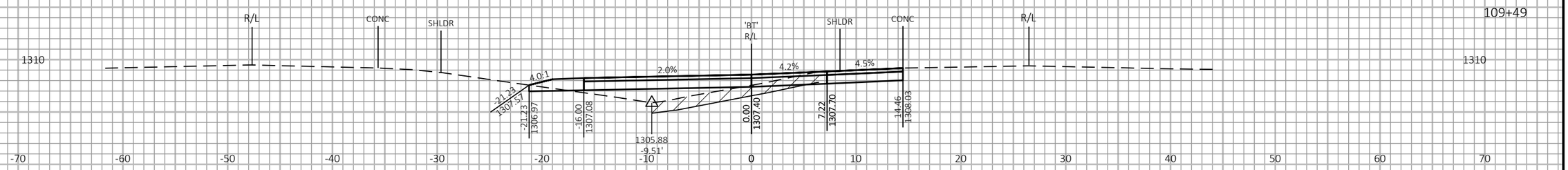
EXISTING GROUND

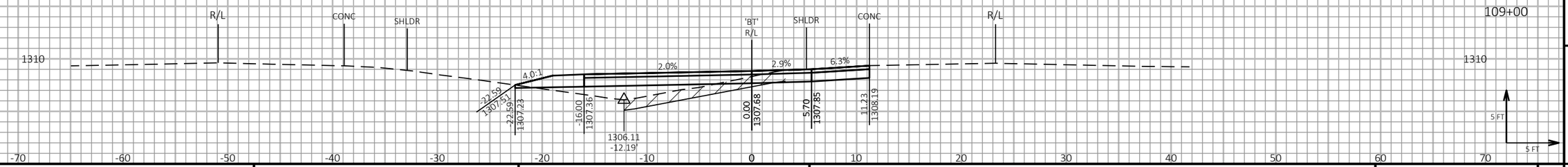
STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (NB SIDE) FROM STA 105+85 TO STA 121+97 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB ENTRANCE RAMP	SHEET 437	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090205-XS-S1.DWG
LAYOUT NAME - 03

PLOT DATE : 1/20/2022 7:55 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

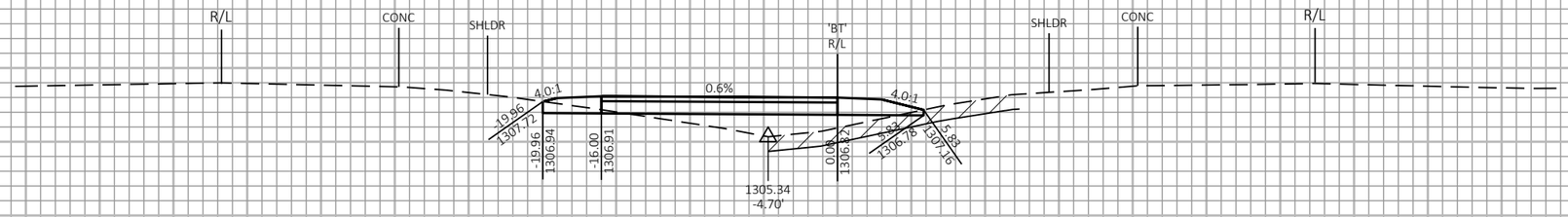
LEGEND

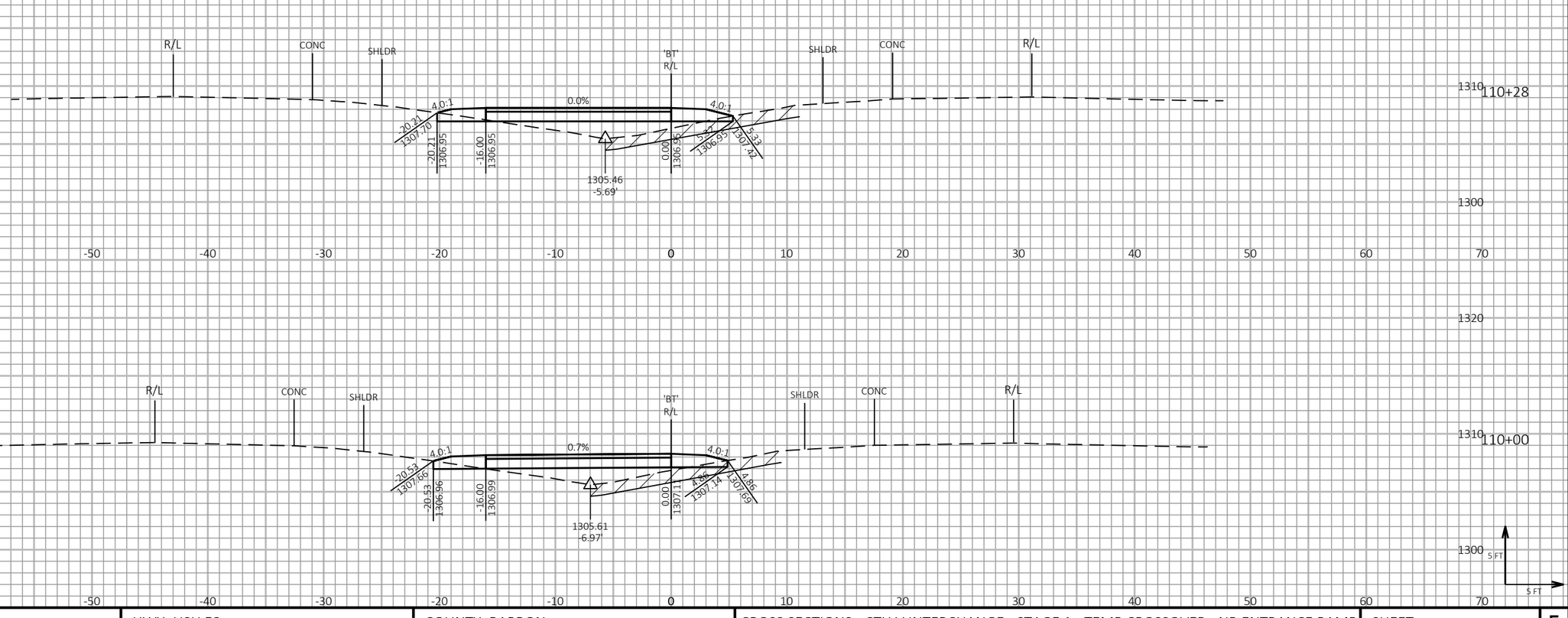
EXISTING GROUND

STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (NB SIDE) FROM STA 105+85 TO STA 121+97 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB ENTRANCE RAMP	SHEET 438	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090205-XS-S1.DWG
LAYOUT NAME - 04

PLOT DATE : 1/20/2022 7:56 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

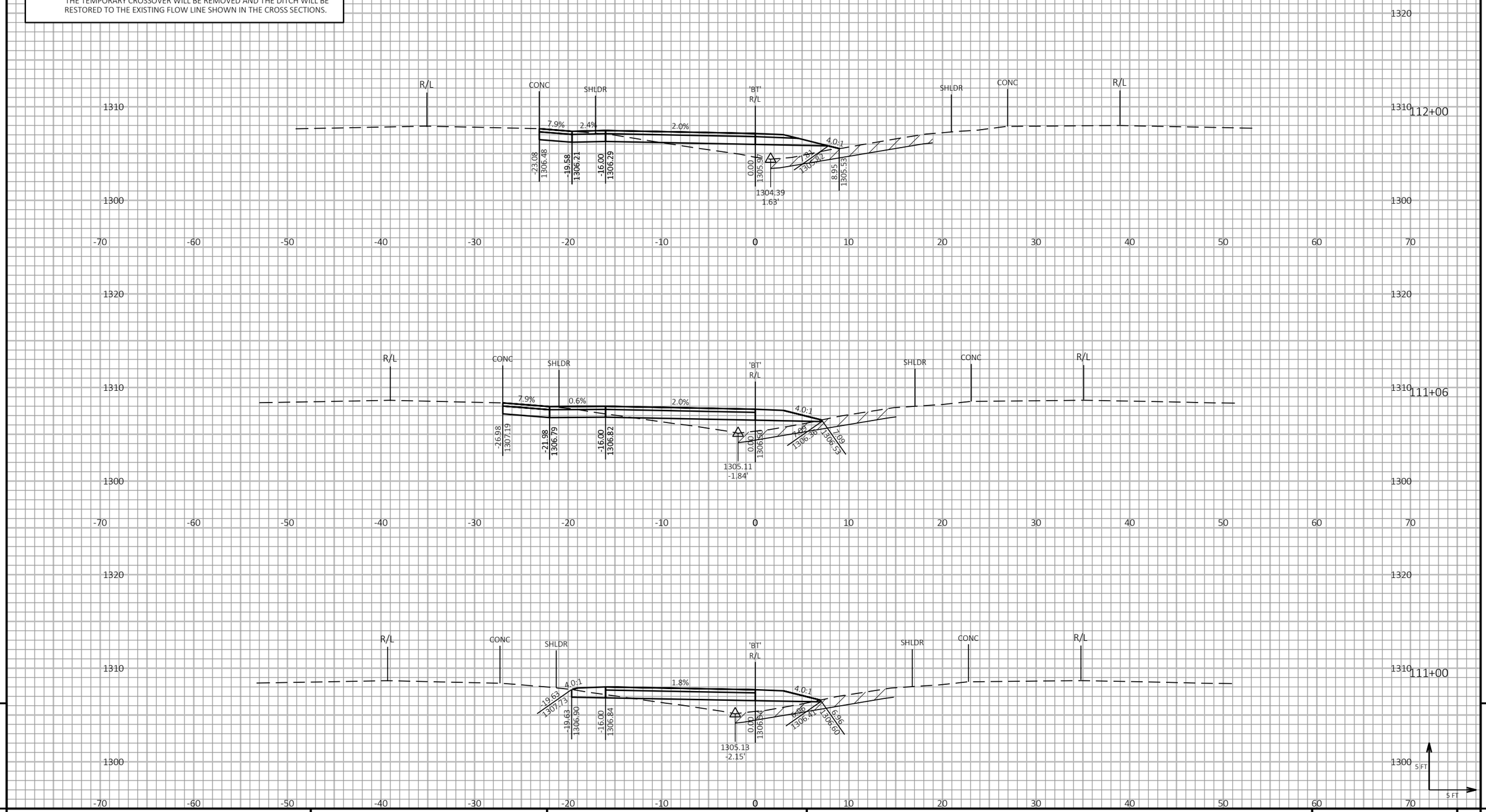
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (NB SIDE) FROM STA 105+85 TO STA 121+97 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB ENTRANCE RAMP	SHEET 439	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090205-XS-S1.DWG
LAYOUT NAME - 05

PLOT DATE : 1/20/2022 7:56 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (NB SIDE) FROM STA 105+85 TO STA 121+97 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



9

9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB ENTRANCE RAMP	SHEET 440	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090205-XS-S1.DWG
LAYOUT NAME - 06

PLOT DATE : 1/20/2022 7:56 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

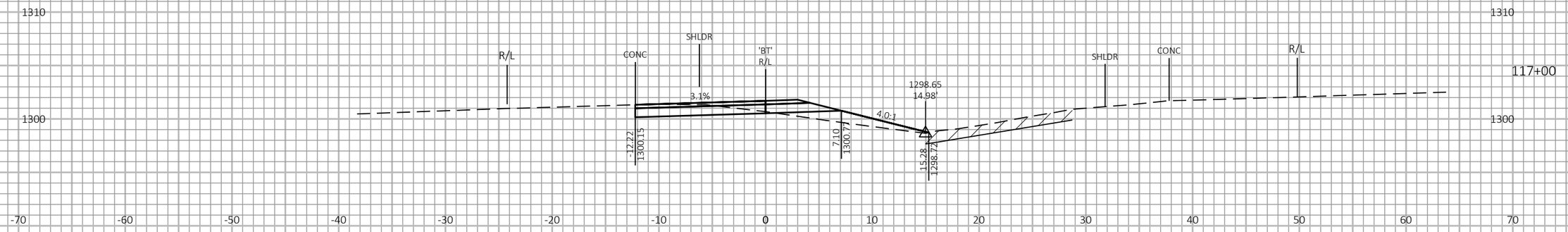
LEGEND

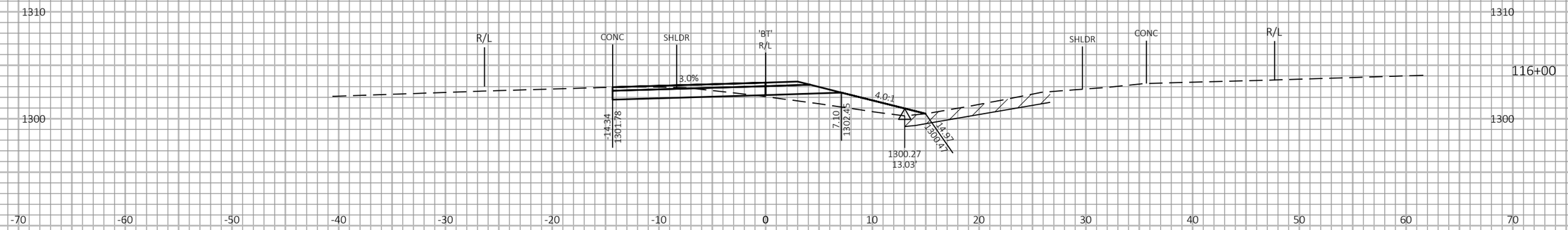
EXISTING GROUND

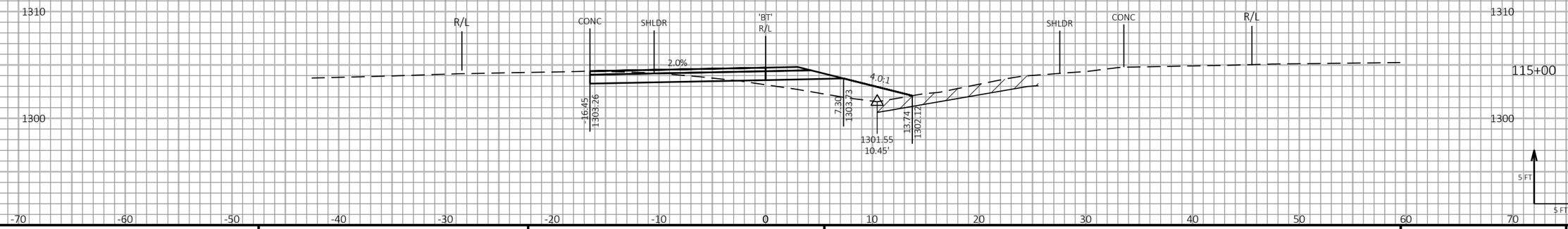
STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (NB SIDE) FROM STA 105+85 TO STA 121+97 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB ENTRANCE RAMP	SHEET 441	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090205-XS-S1.DWG
LAYOUT NAME - 07

PLOT DATE : 1/20/2022 7:56 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

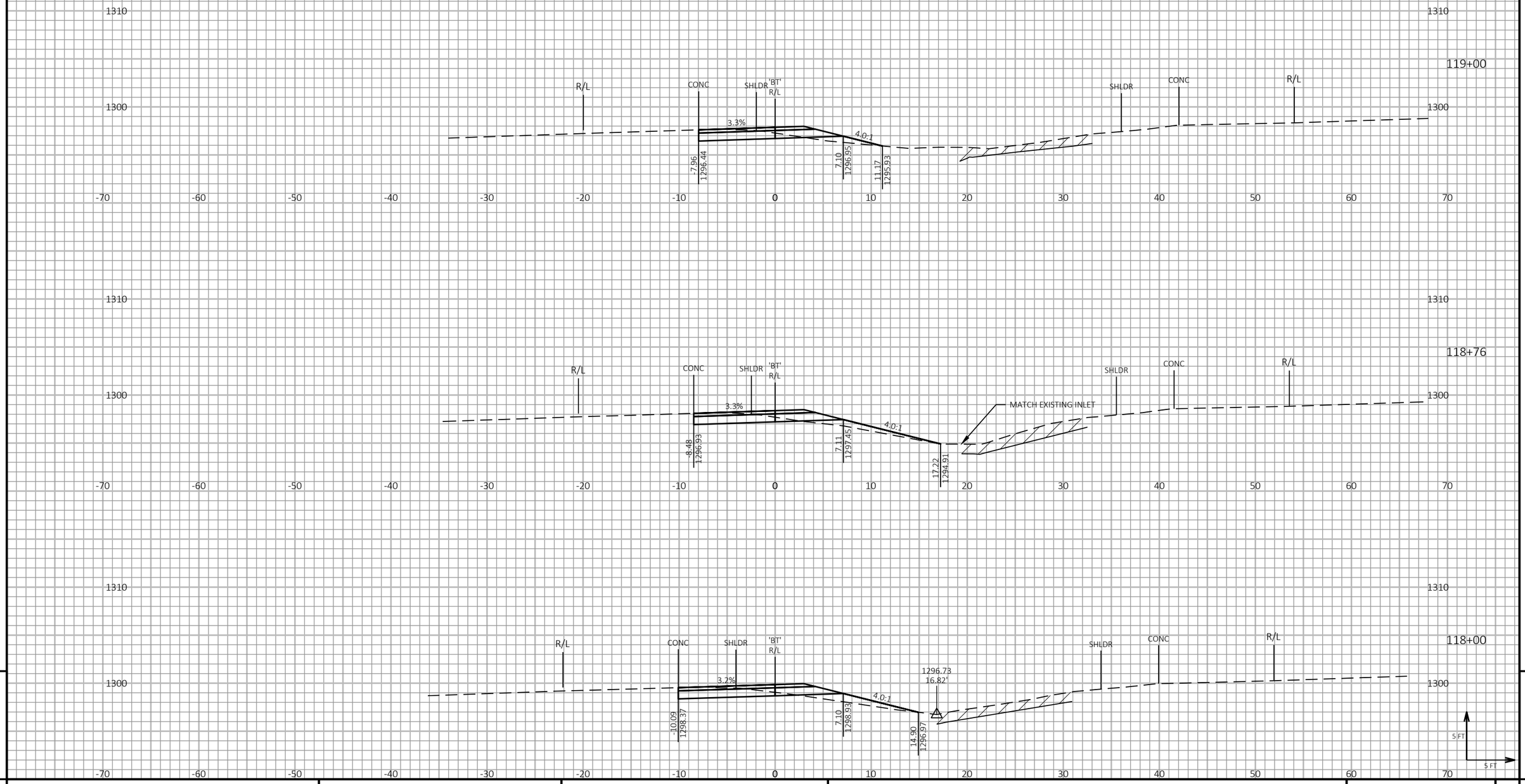
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (NB SIDE) FROM STA 105+85 TO STA 121+97 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB ENTRANCE RAMP	SHEET 442	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090205-XS-S1.DWG
LAYOUT NAME - 08

PLOT DATE : 1/20/2022 7:56 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

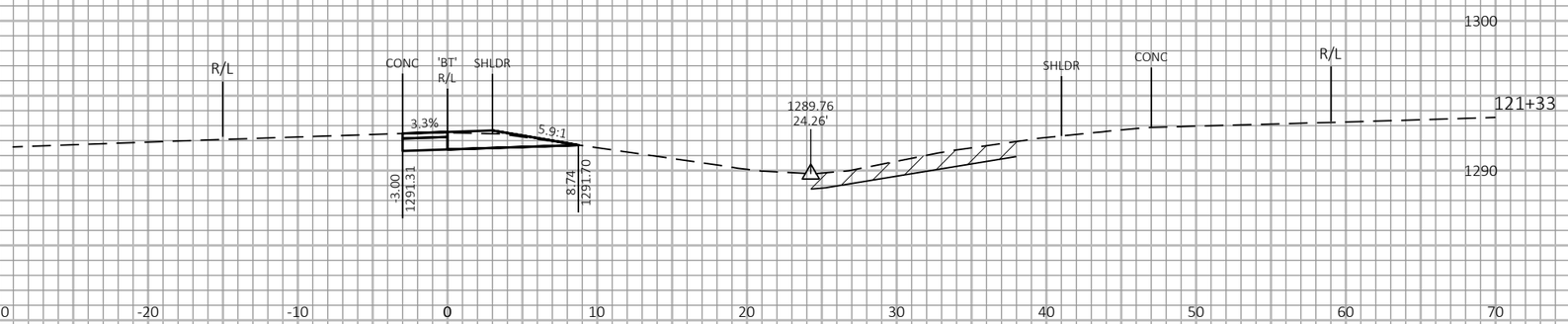
LEGEND

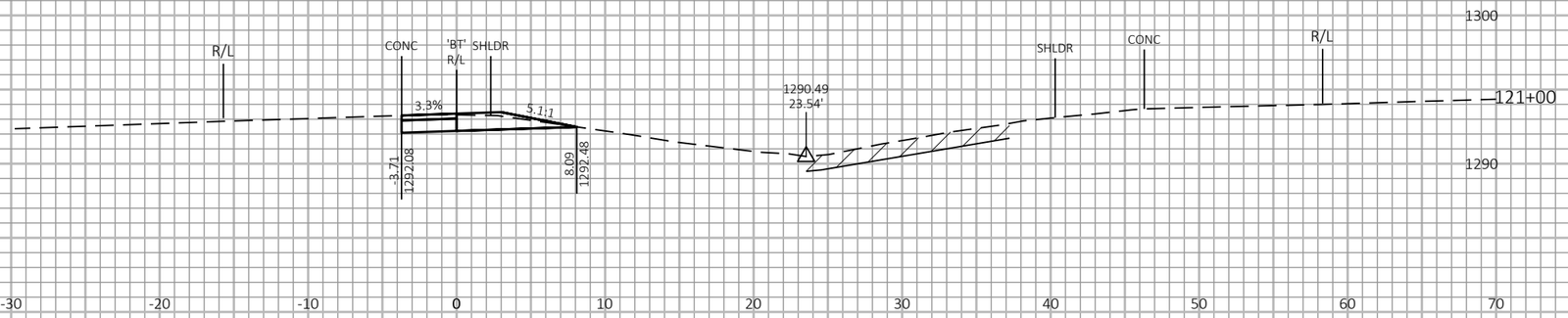
EXISTING GROUND

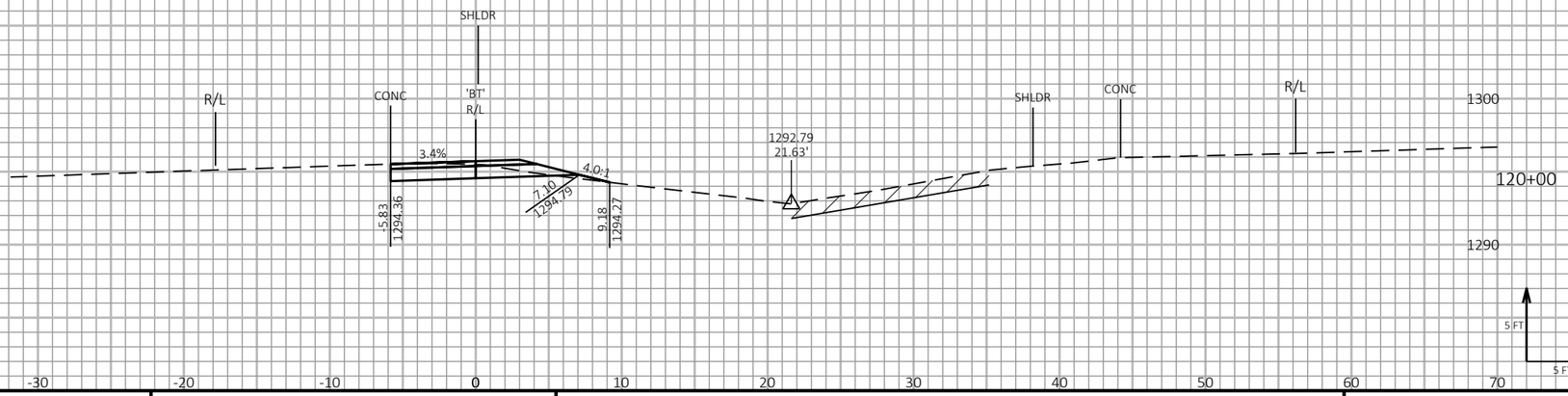
STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (NB SIDE) FROM STA 105+85 TO STA 121+97 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB ENTRANCE RAMP	SHEET 443	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090205-XS-S1.DWG
LAYOUT NAME - 09

PLOT DATE : 1/20/2022 7:56 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

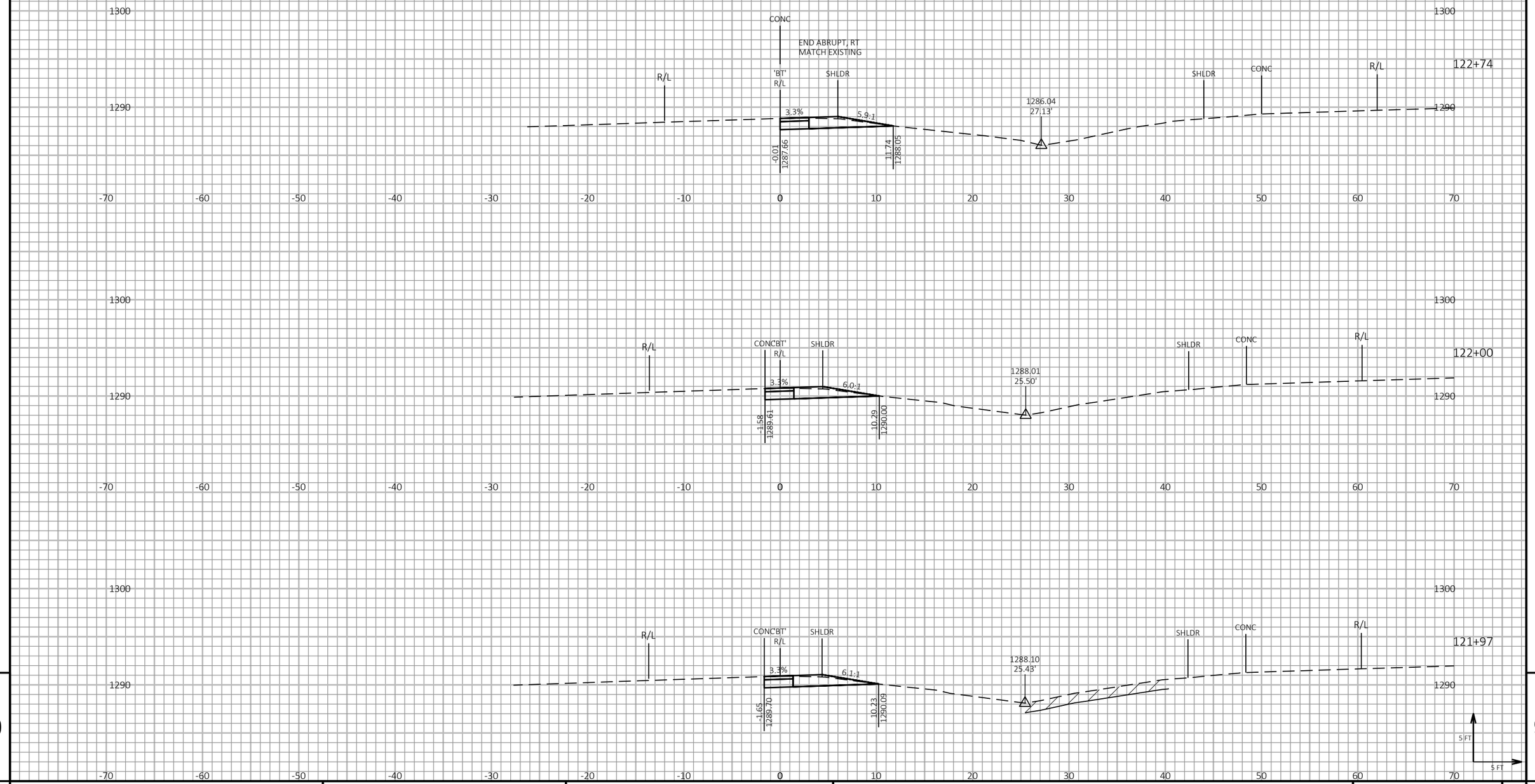
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (NB SIDE) FROM STA 105+85 TO STA 121+97 AND BACKFILL WITH GRANULAR GRADE 1 MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVER

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 1 - TEMP CROSSOVER - NB ENTRANCE RAMP	SHEET 444	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090205-XS-S1.DWG
LAYOUT NAME - 10

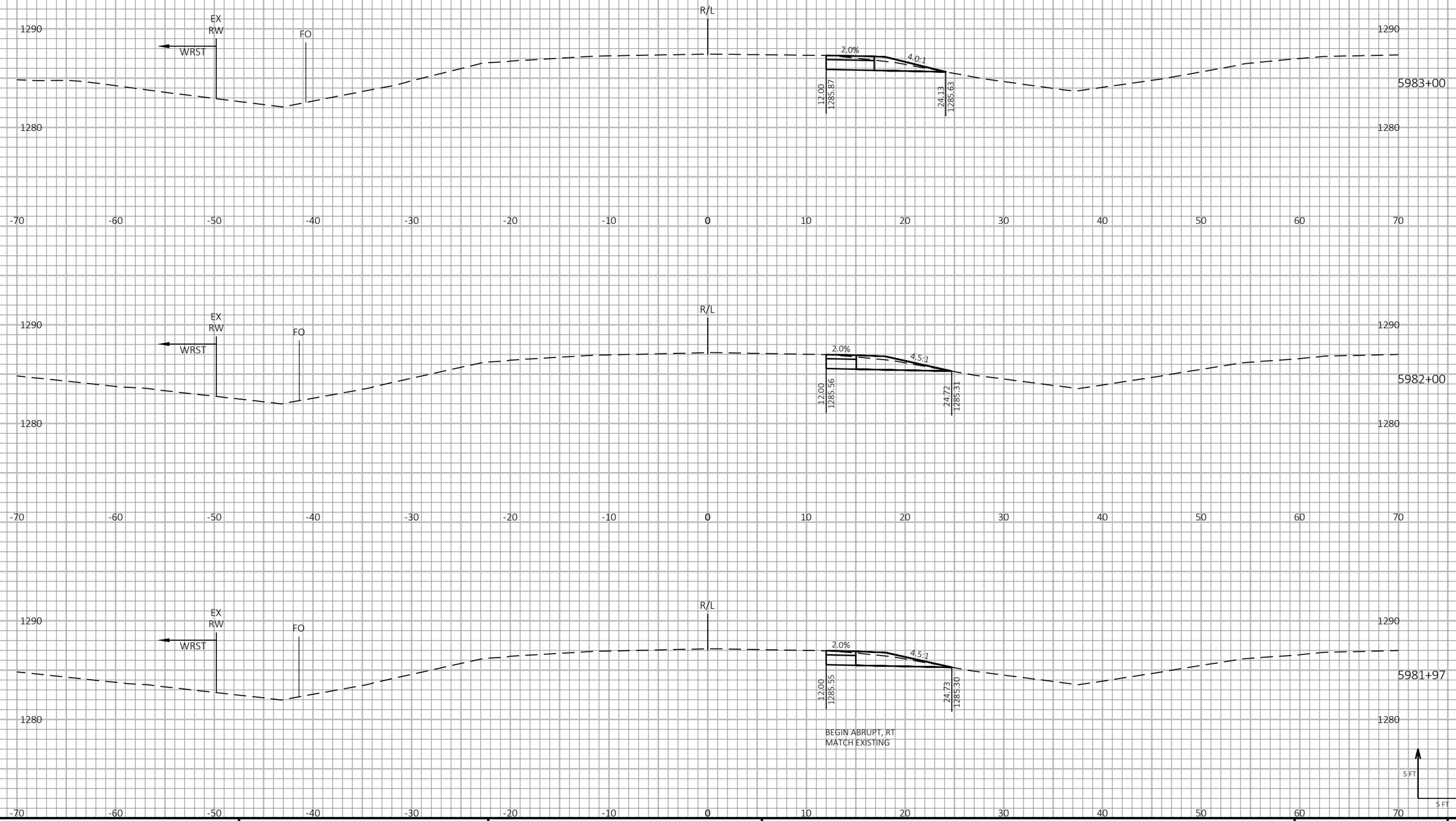
PLOT DATE : 1/20/2022 7:57 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 30TH AVE	SHEET 445	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 01

PLOT DATE : 10/4/2022 8:17 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

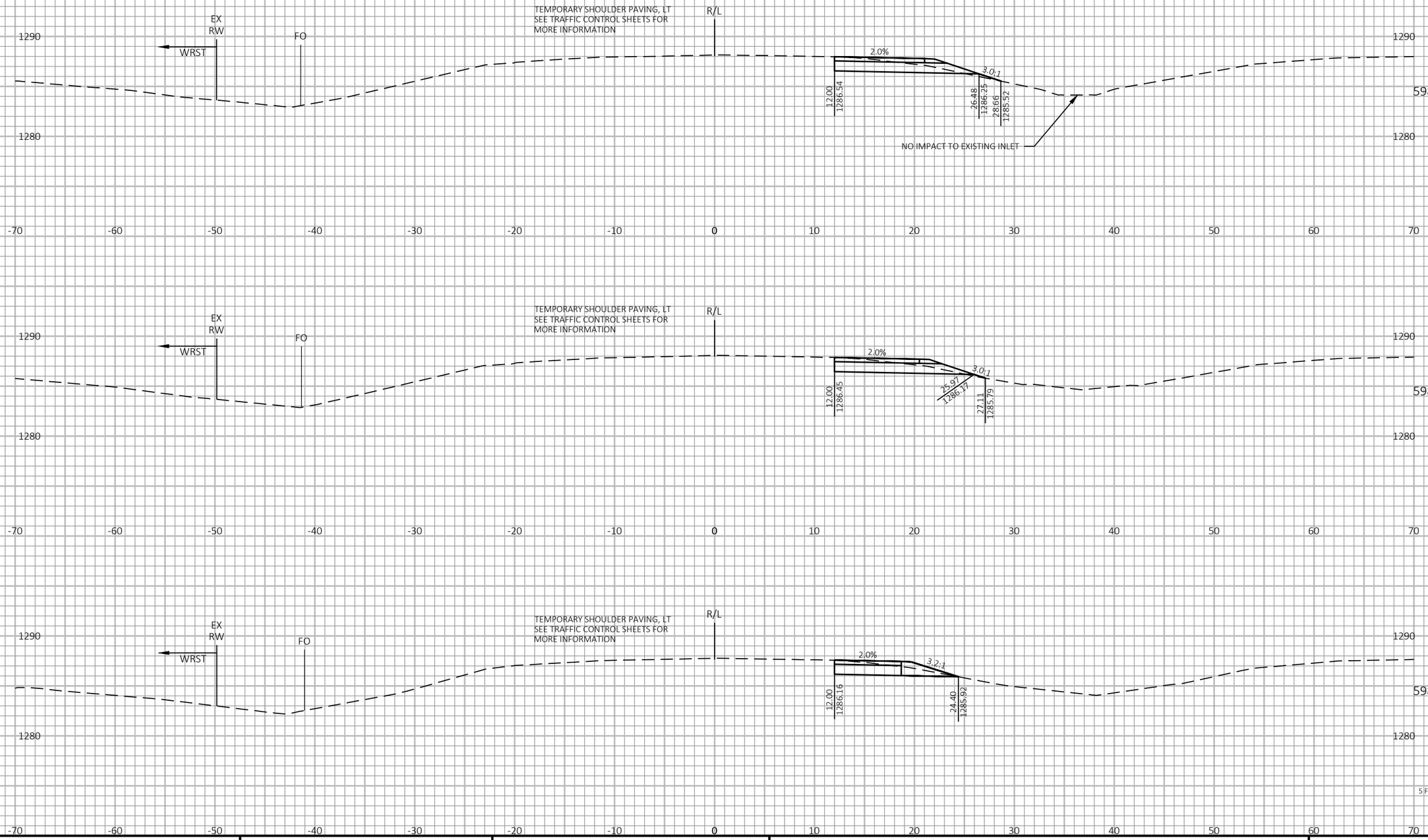
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 30TH AVE	SHEET 446	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 02

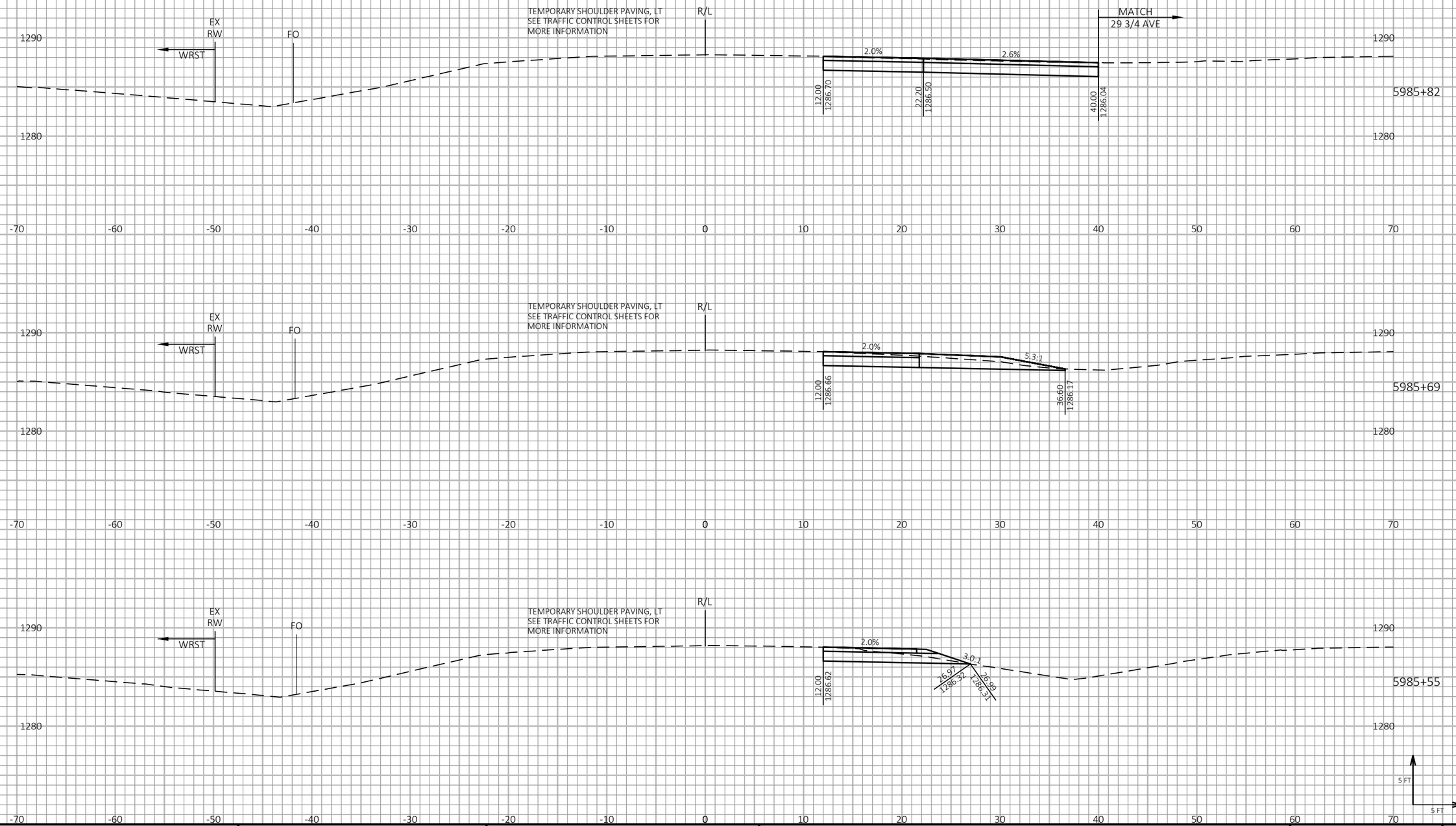
PLOT DATE : 10/4/2022 8:17 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 30TH AVE	SHEET 447	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 03

PLOT DATE : 10/4/2022 8:17 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

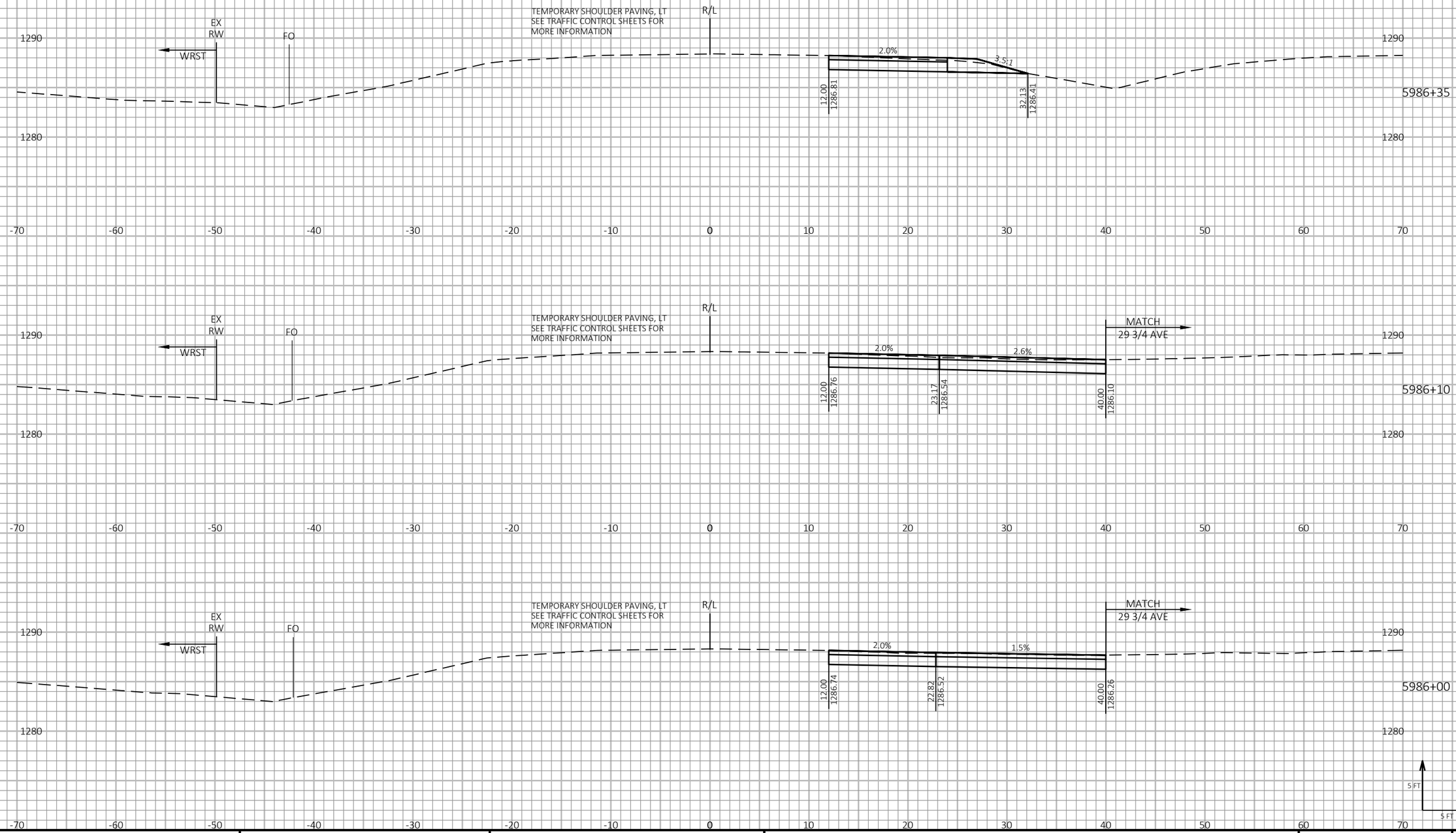
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 30TH AVE	SHEET 448	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 04

PLOT DATE : 10/4/2022 8:17 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

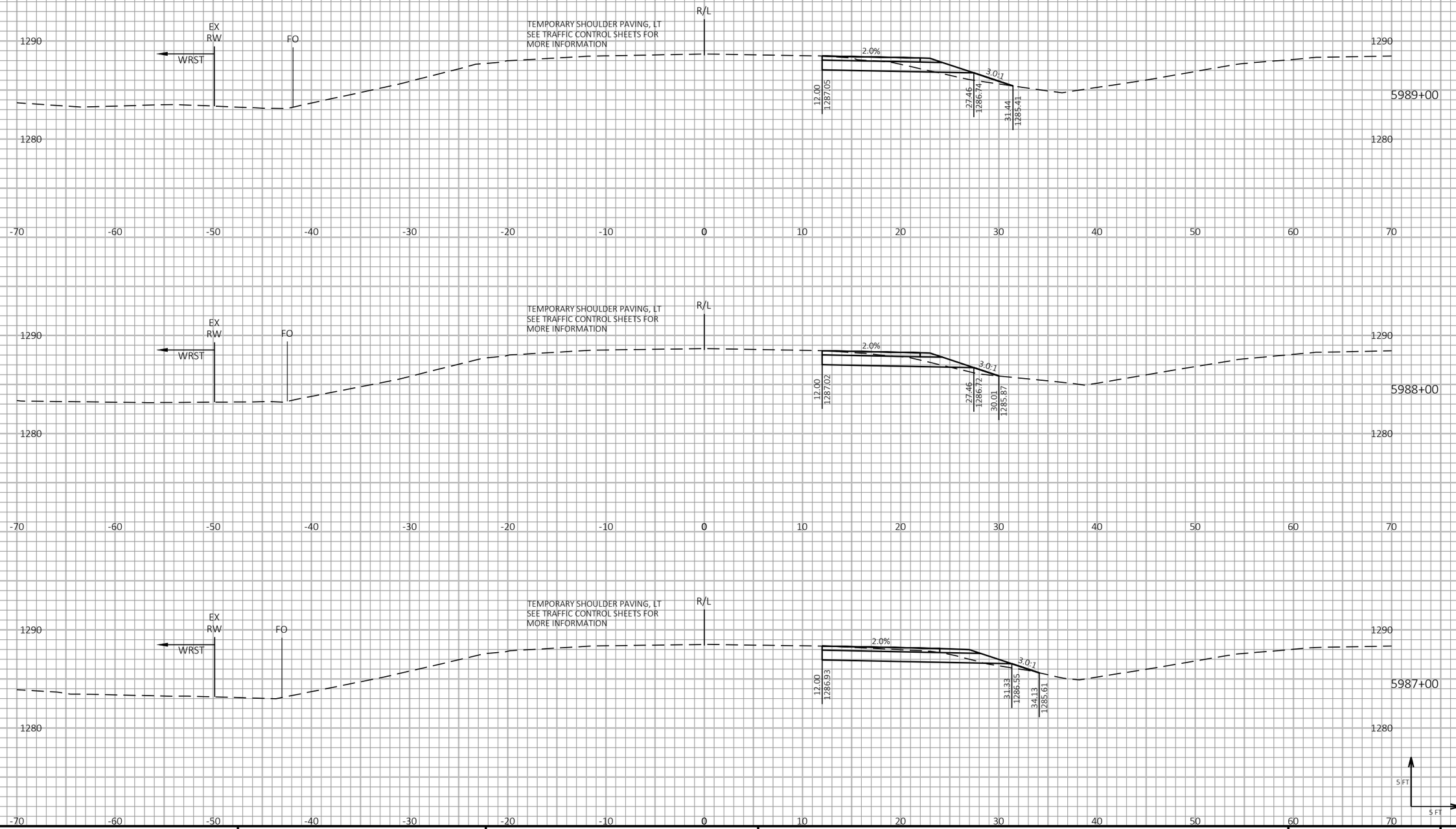
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 30TH AVE	SHEET 449	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 05

PLOT DATE : 10/4/2022 8:18 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

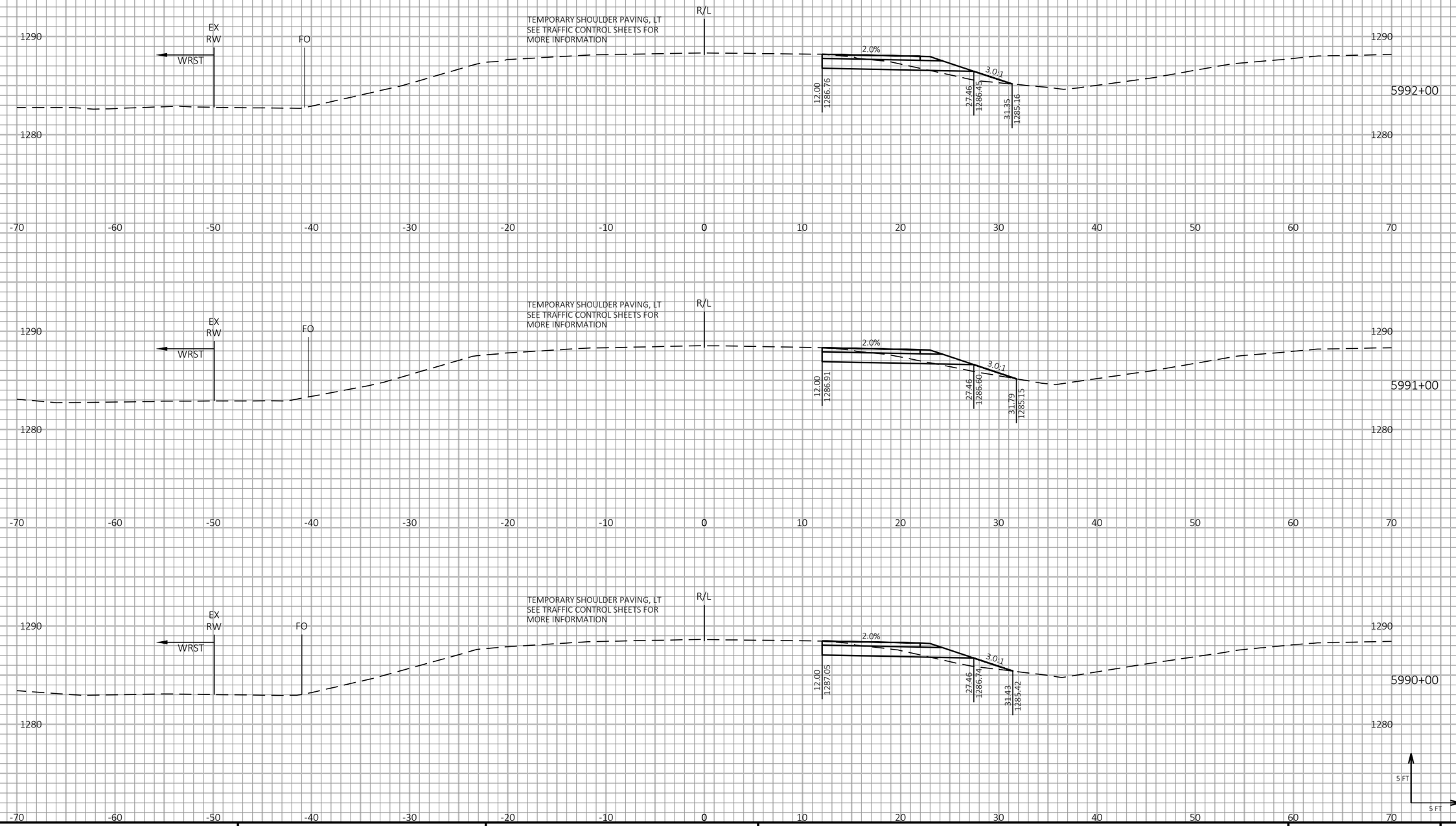
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 30TH AVE	SHEET 450	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 06

PLOT DATE : 10/4/2022 8:18 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

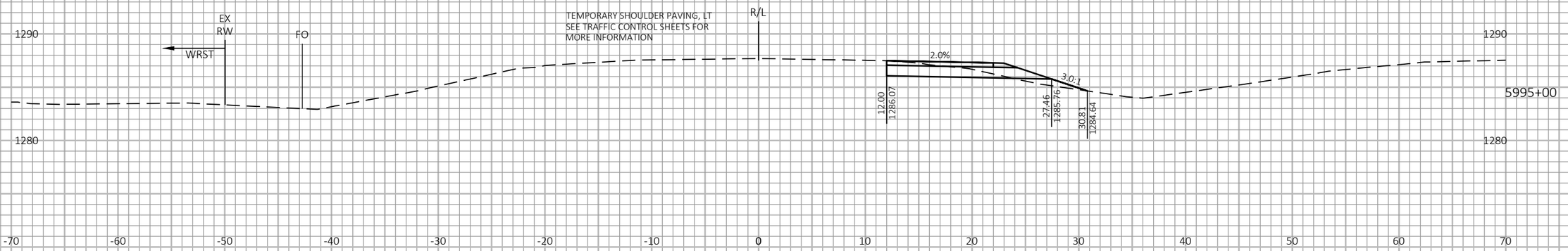
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

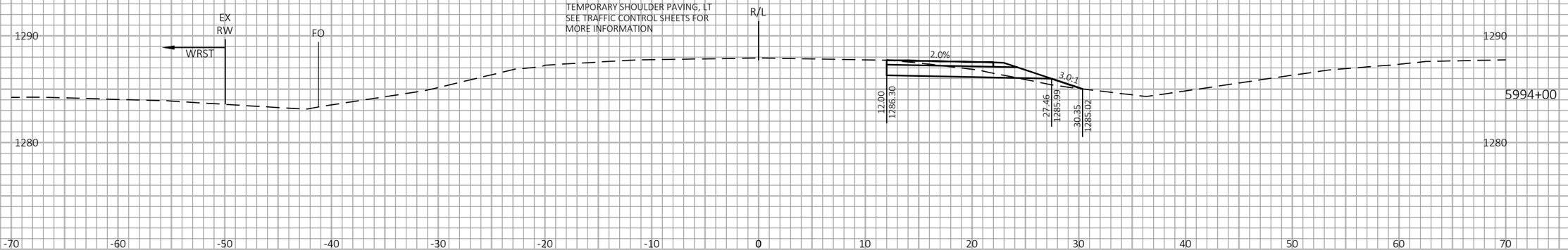
WISDOT/CADDS SHEET 49

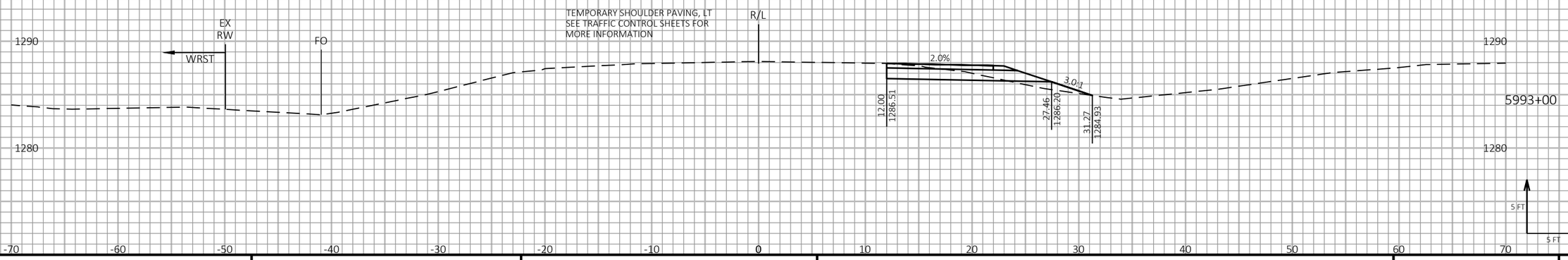
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 30TH AVE	SHEET 451	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 07

PLOT DATE : 10/4/2022 8:18 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

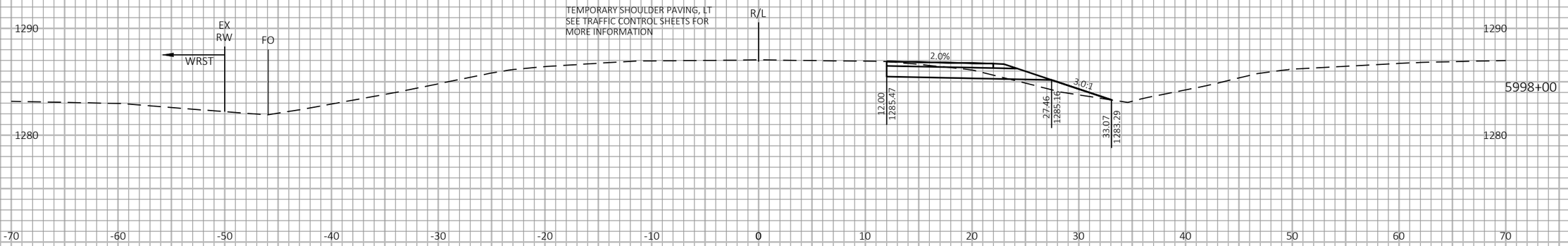
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

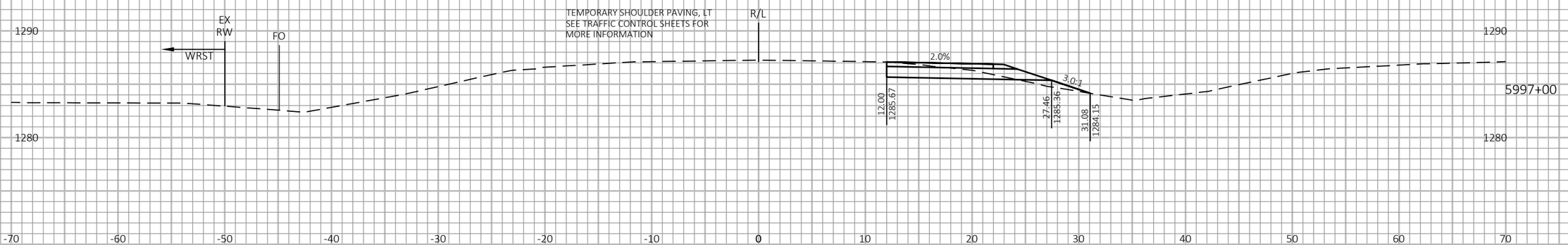
WISDOT/CADDS SHEET 49

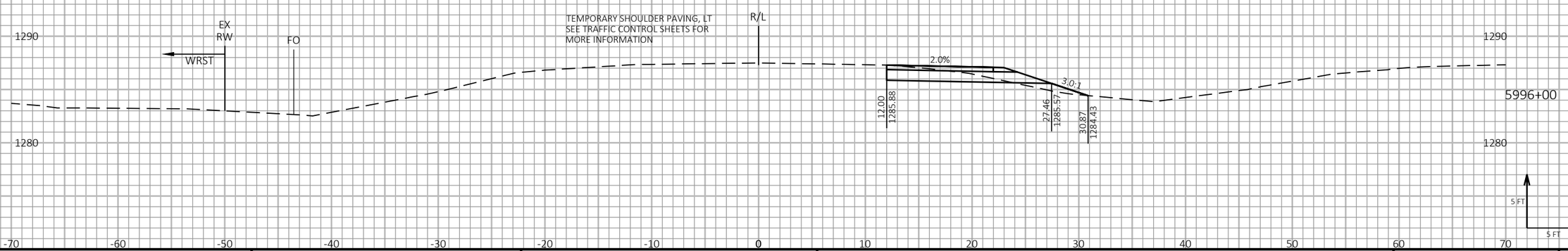
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 30TH AVE	SHEET 452	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 08

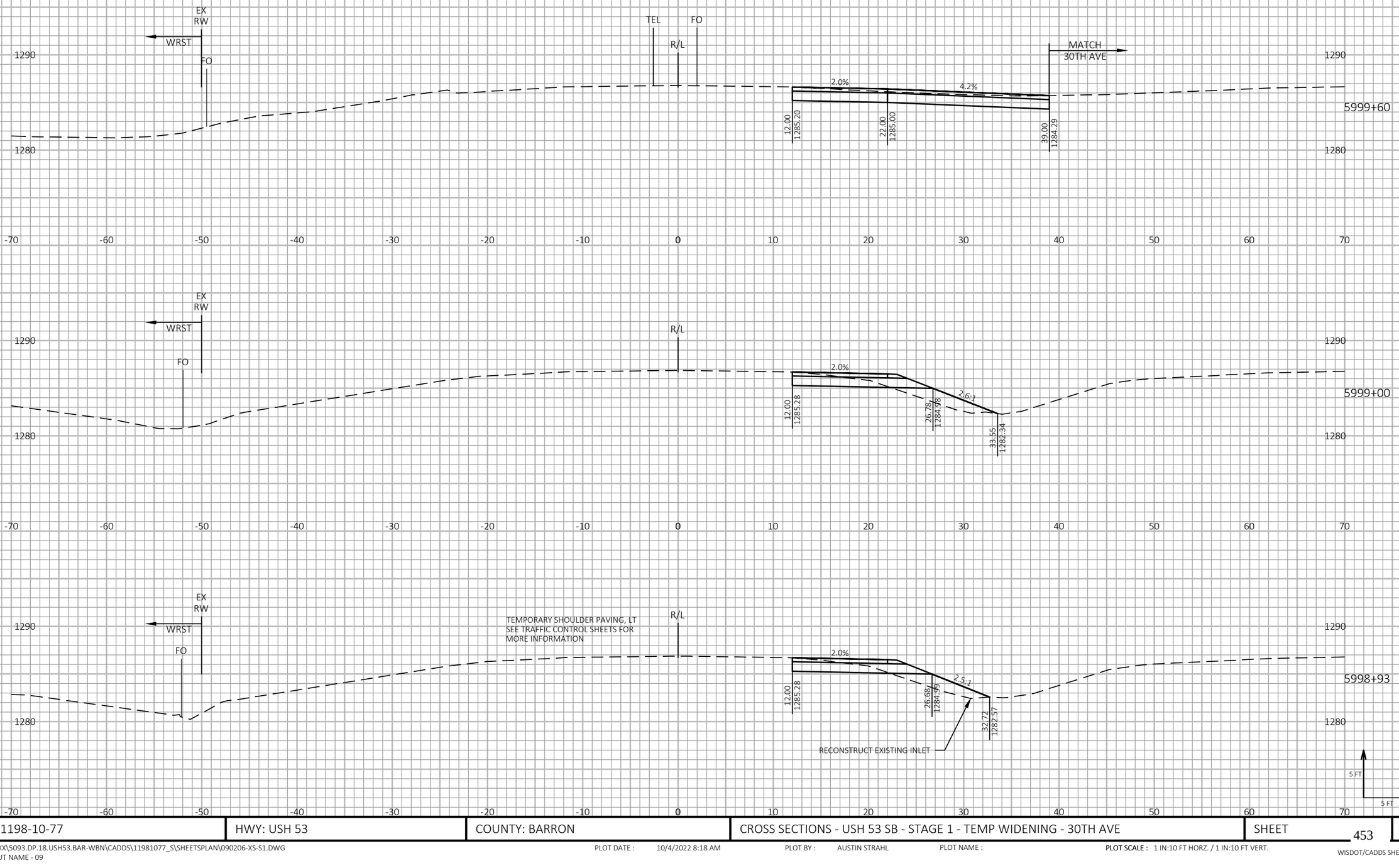
PLOT DATE : 10/4/2022 8:18 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 30TH AVE	SHEET 453	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 09

PLOT DATE : 10/4/2022 8:18 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

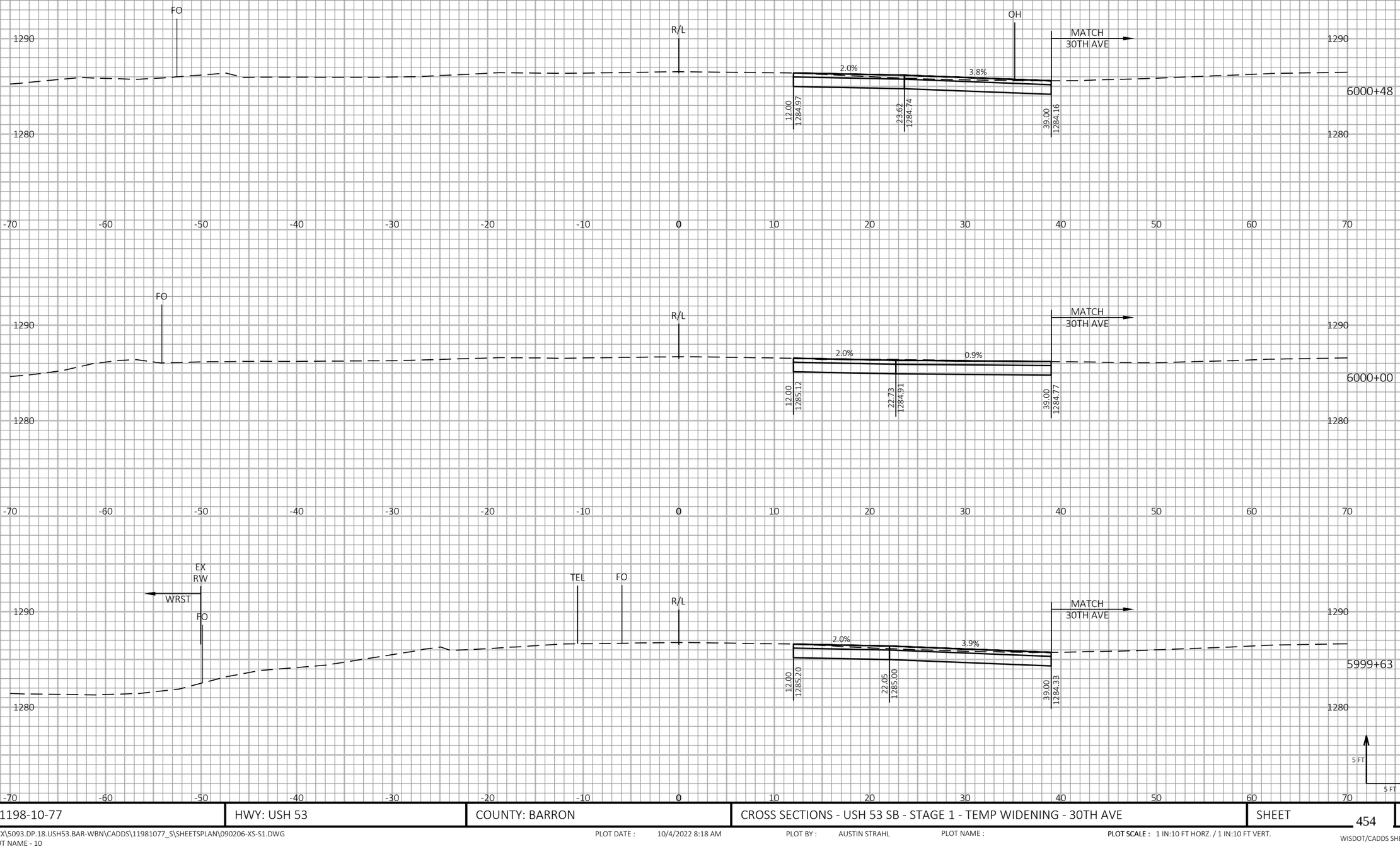
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 30TH AVE	SHEET 454	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 10

PLOT DATE : 10/4/2022 8:18 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

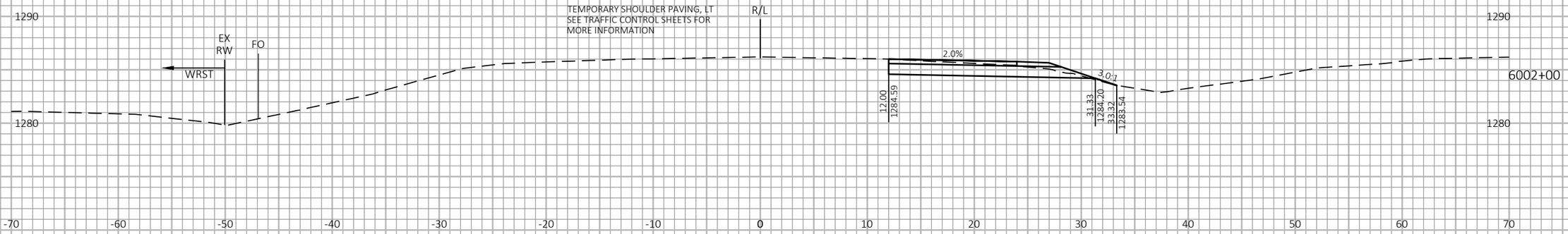
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

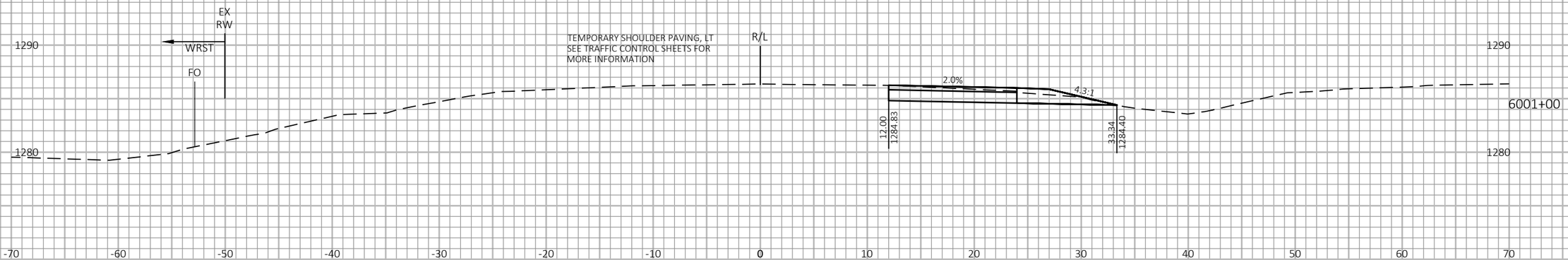
WISDOT/CADDS SHEET 49

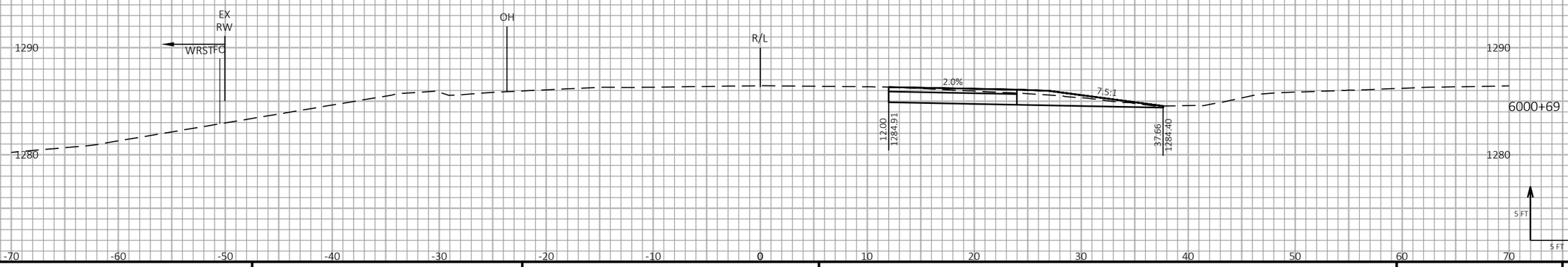
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 30TH AVE	SHEET 455	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 11

PLOT DATE : 10/4/2022 8:18 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

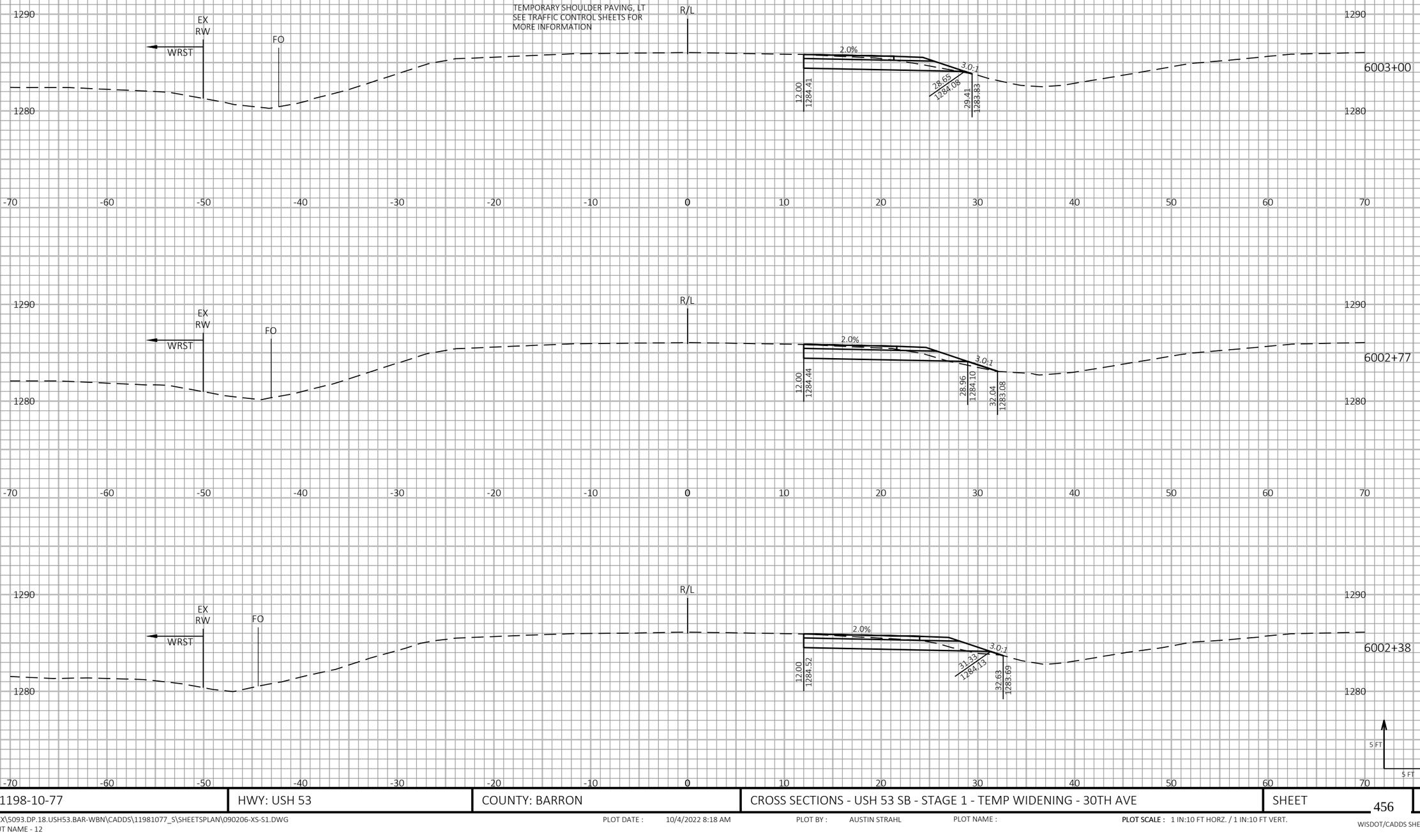
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 30TH AVE	SHEET 456	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 12

PLOT DATE : 10/4/2022 8:18 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

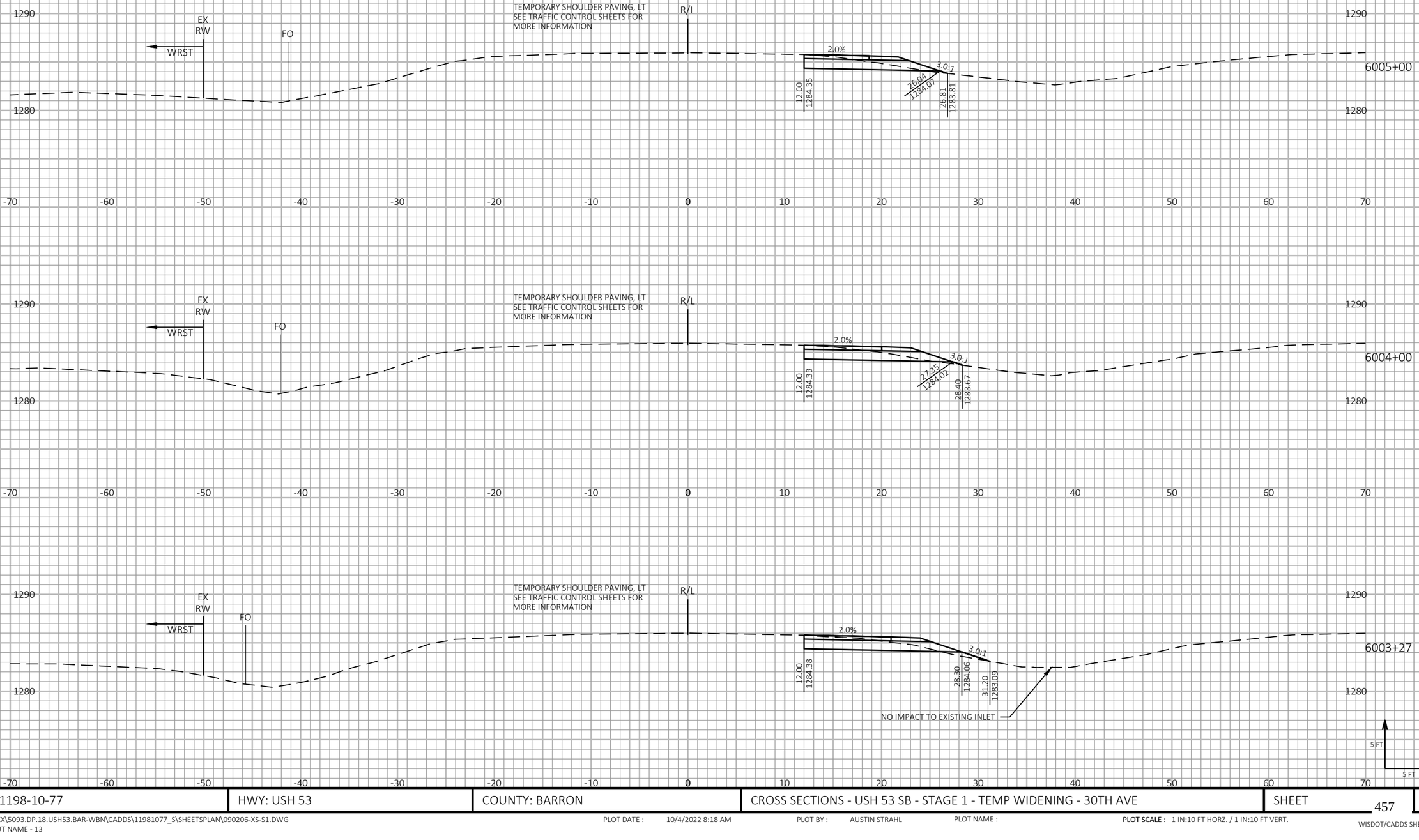
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 30TH AVE	SHEET 457	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 13

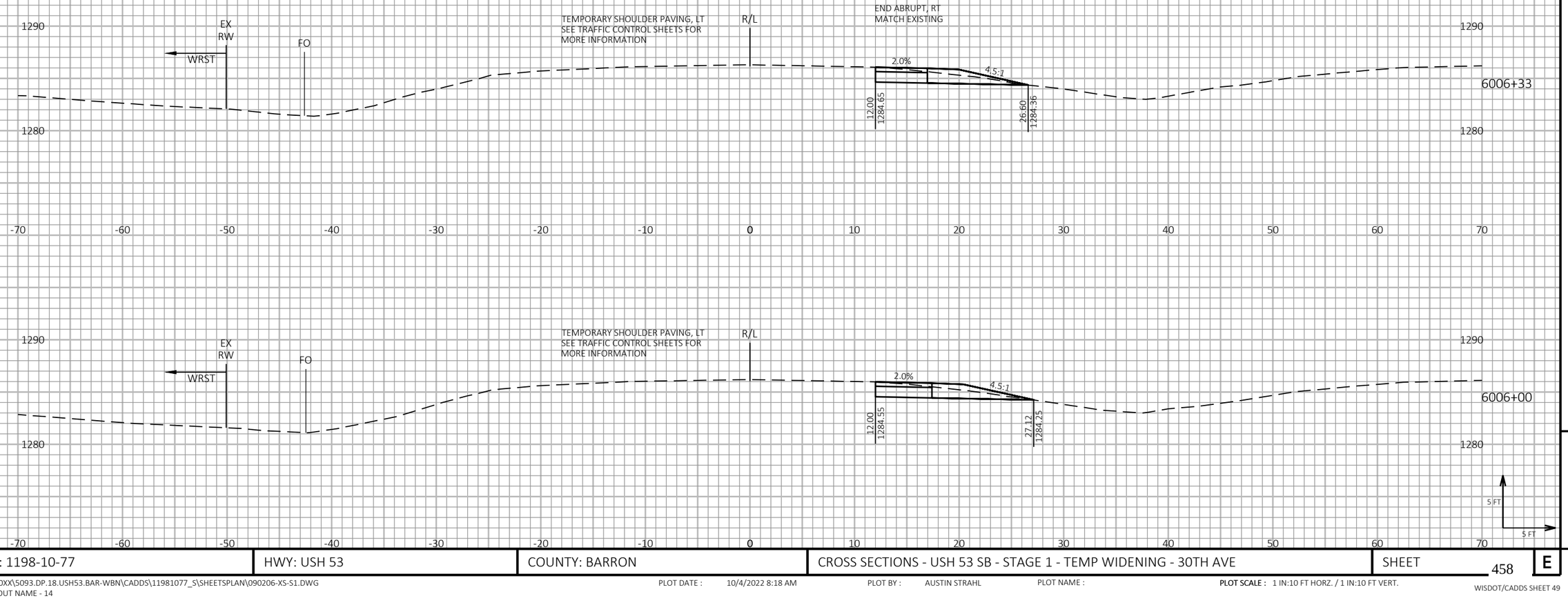
PLOT DATE : 10/4/2022 8:18 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMP WIDENING - 30TH AVE	SHEET 458	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 14

PLOT DATE : 10/4/2022 8:18 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

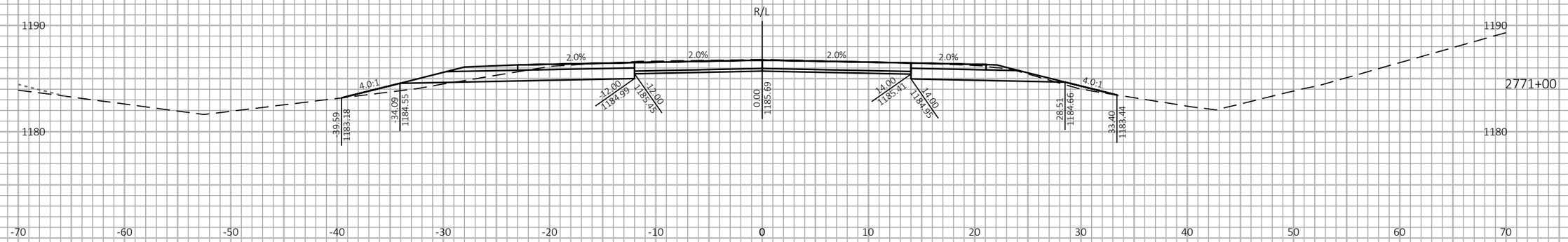
WISDOT/CADDS SHEET 49

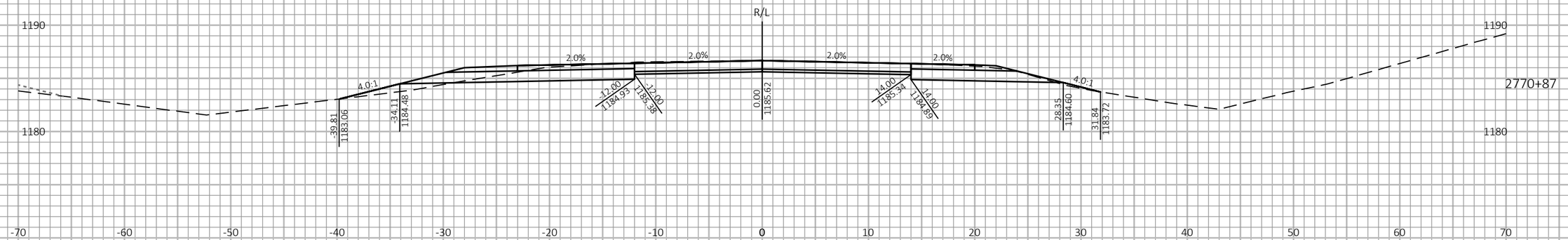
LEGEND

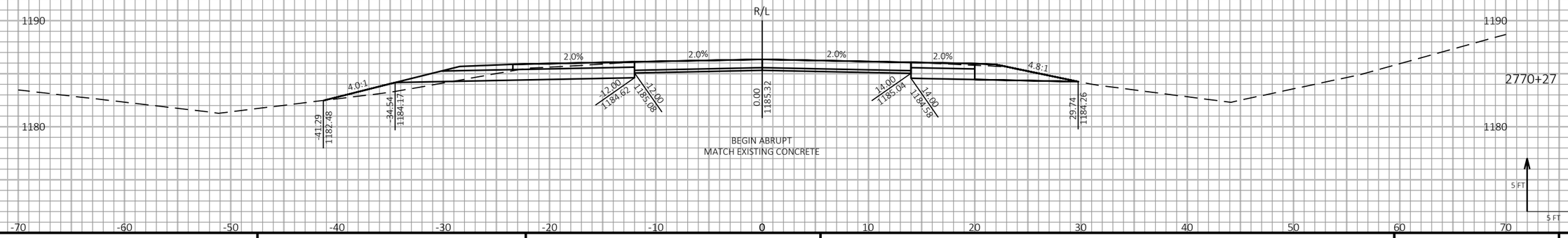
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 459	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 10/7/2022 1:24 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 460	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 10/7/2022 1:24 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

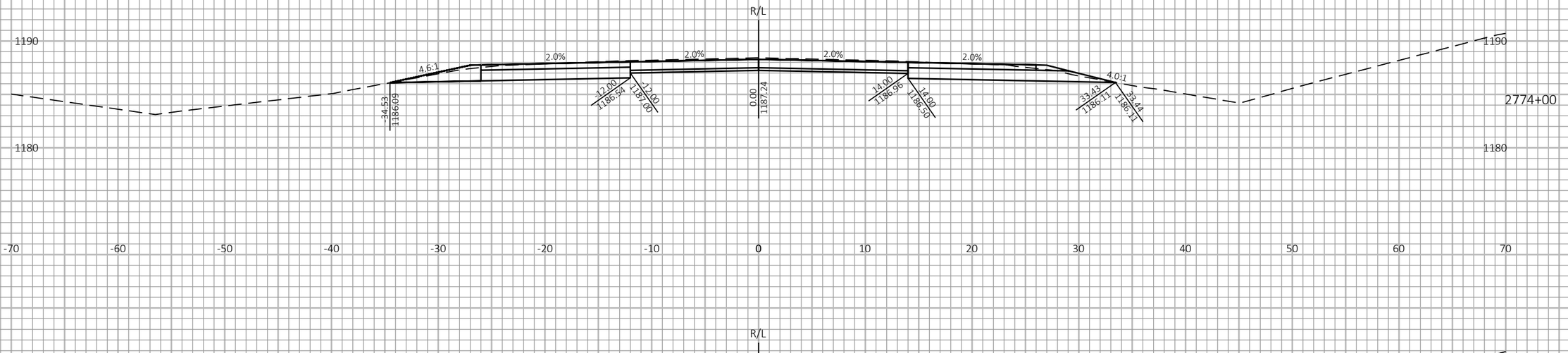
WISDOT/CADDS SHEET 49

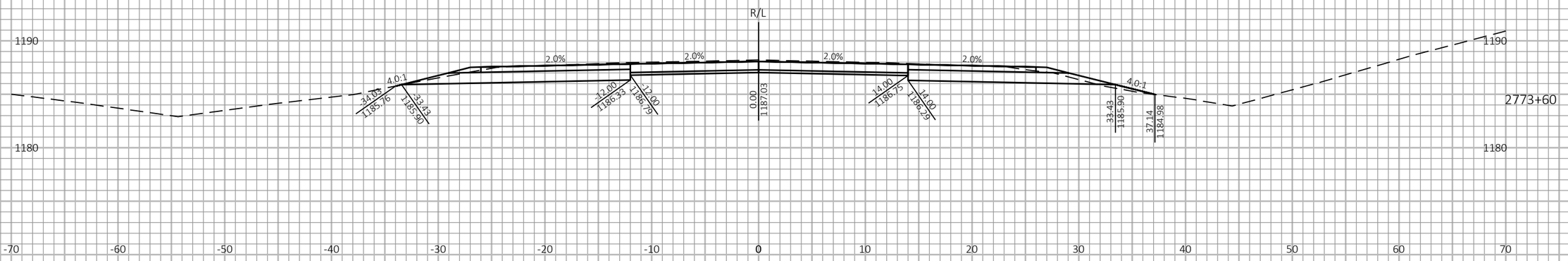
LEGEND

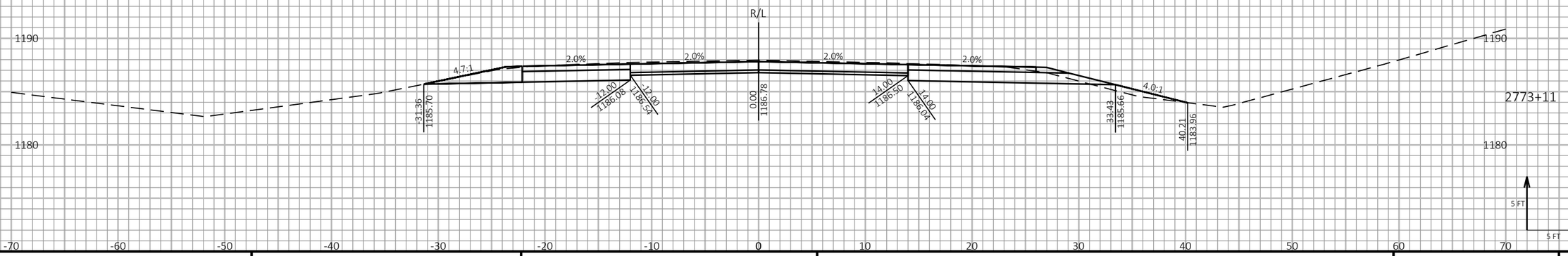
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 461	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 10/7/2022 1:25 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

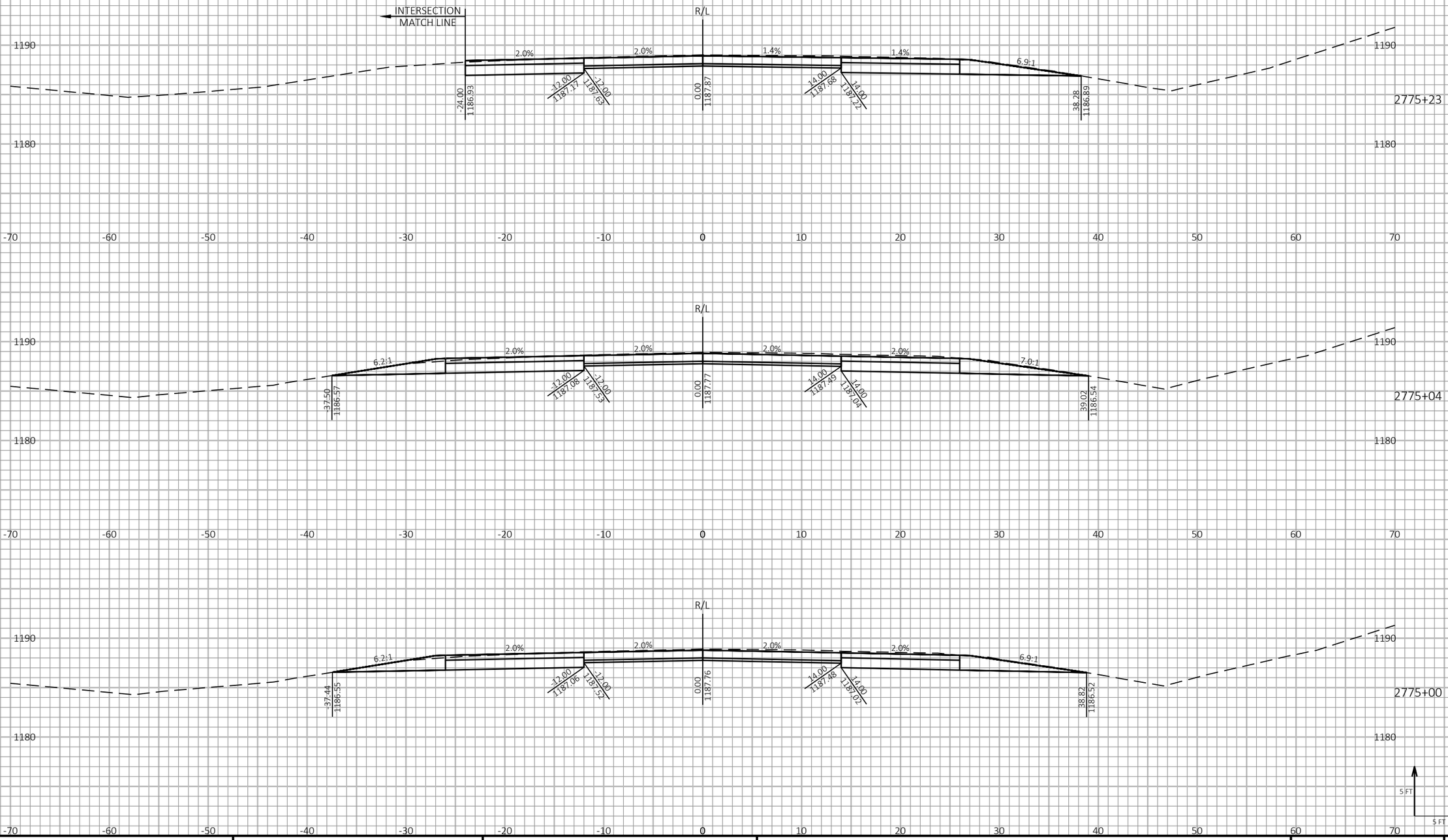
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 462 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 10/7/2022 1:25 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

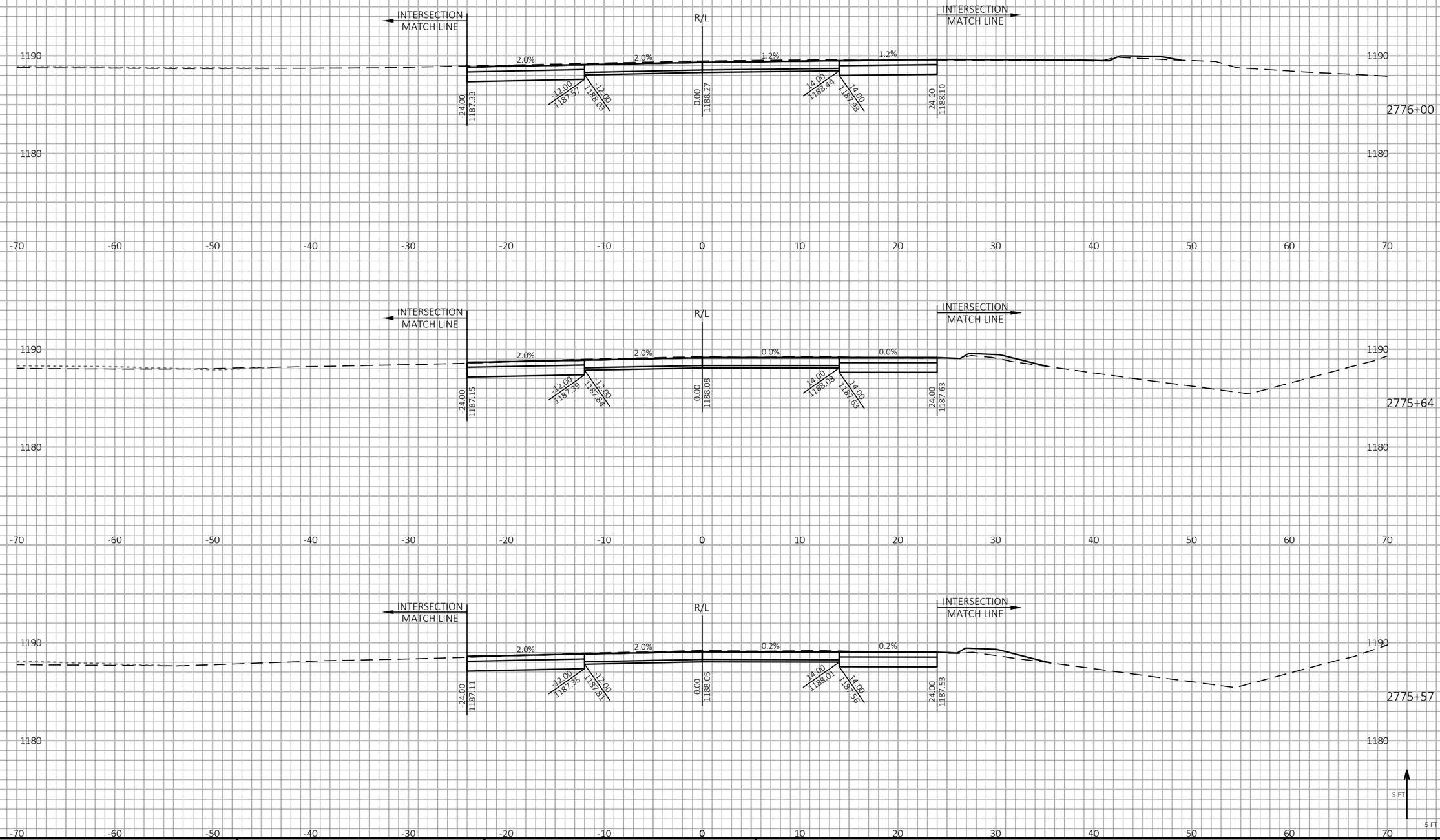
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 463	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 10/7/2022 1:25 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

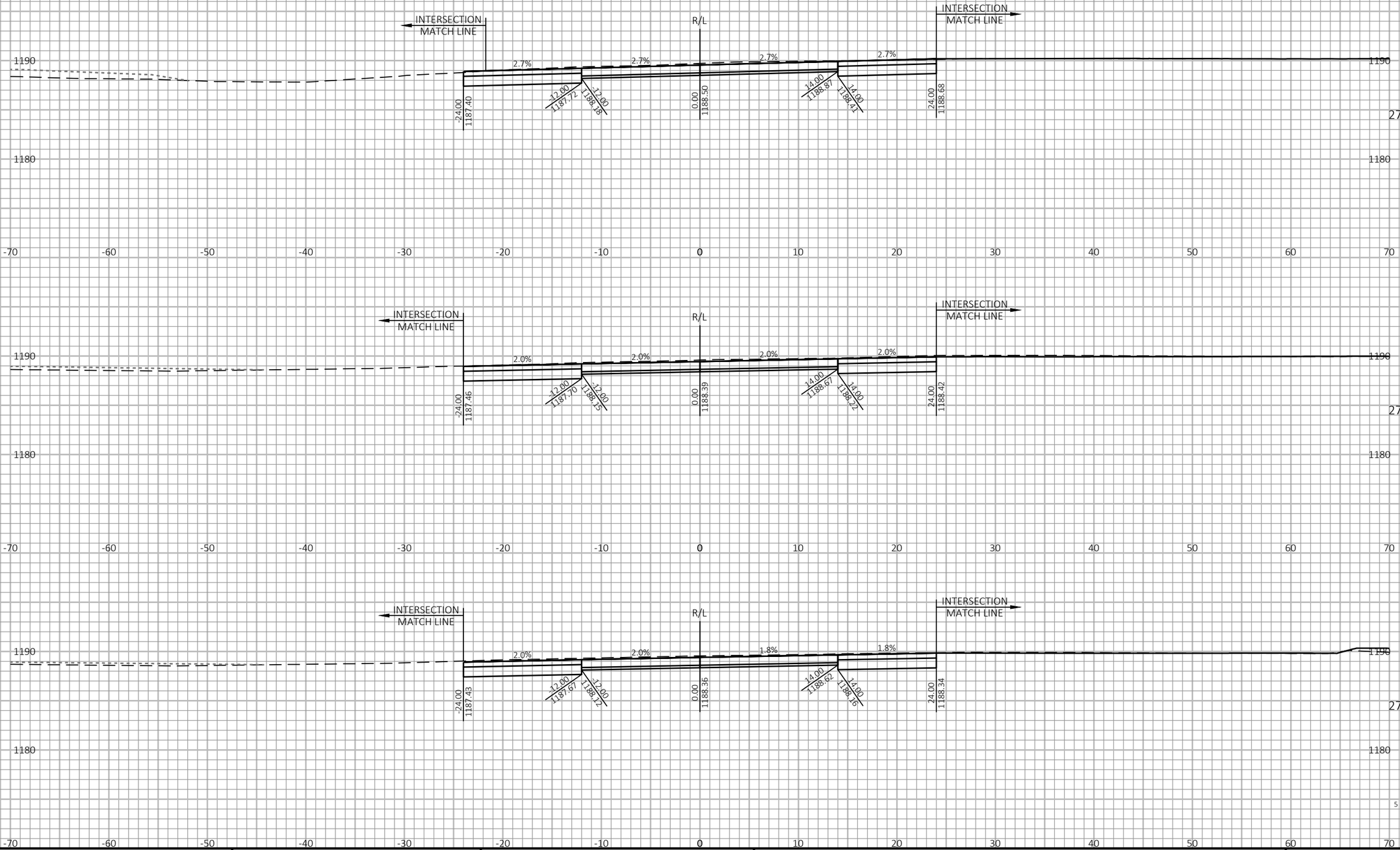
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 464	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 10/7/2022 1:25 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

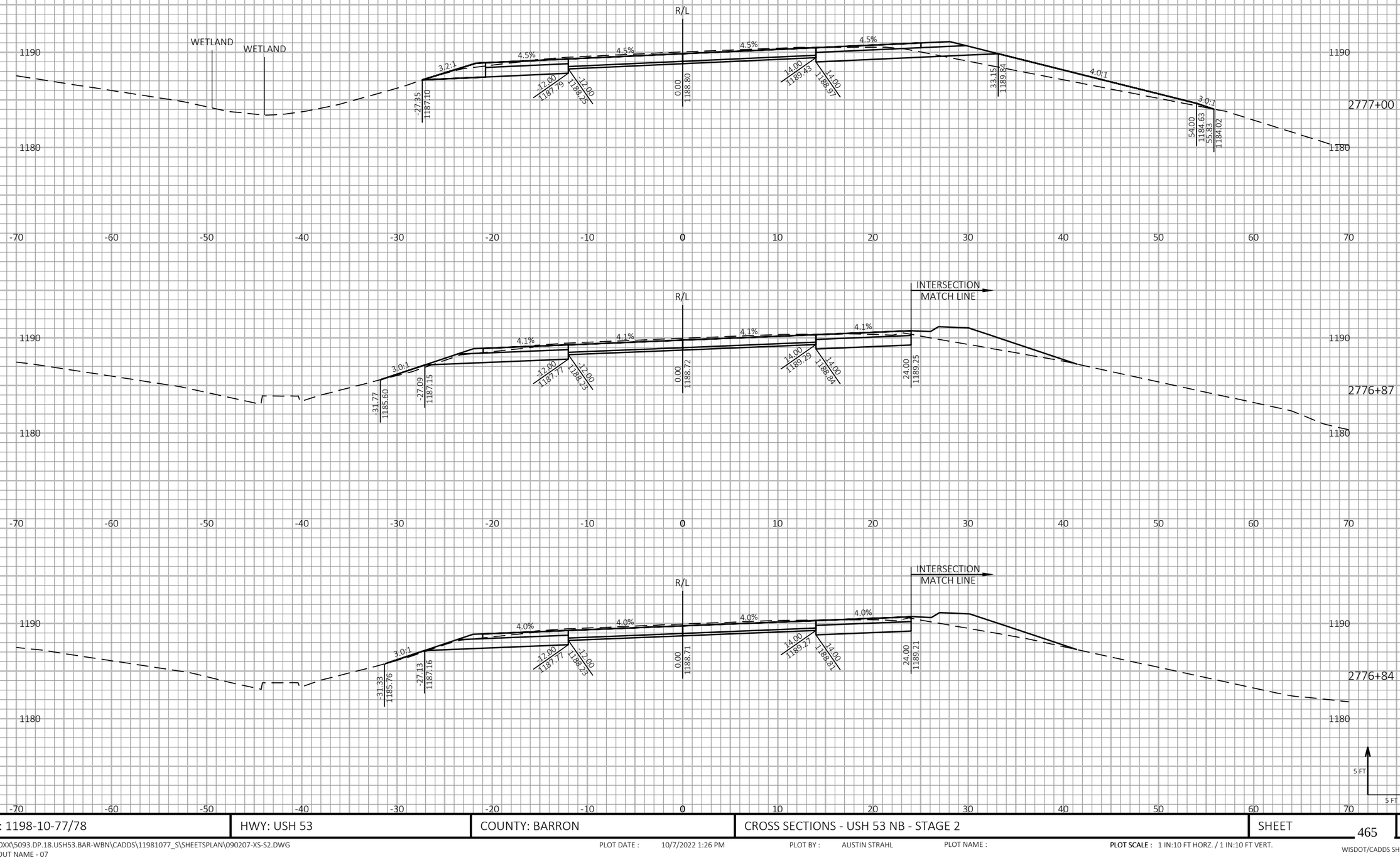
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 465	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 10/7/2022 1:26 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 466	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 10/7/2022 1:26 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

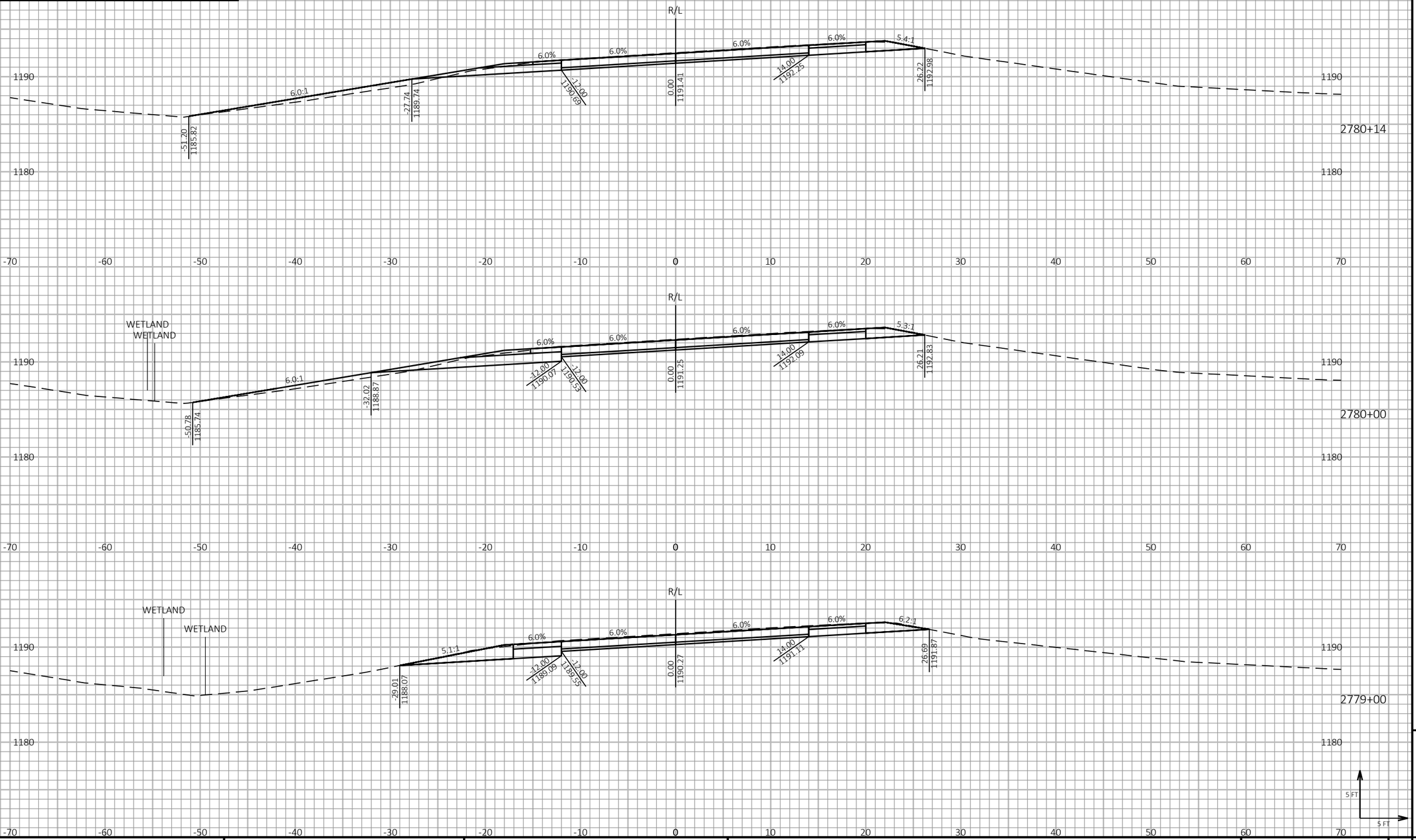
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 467	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 10/7/2022 1:26 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

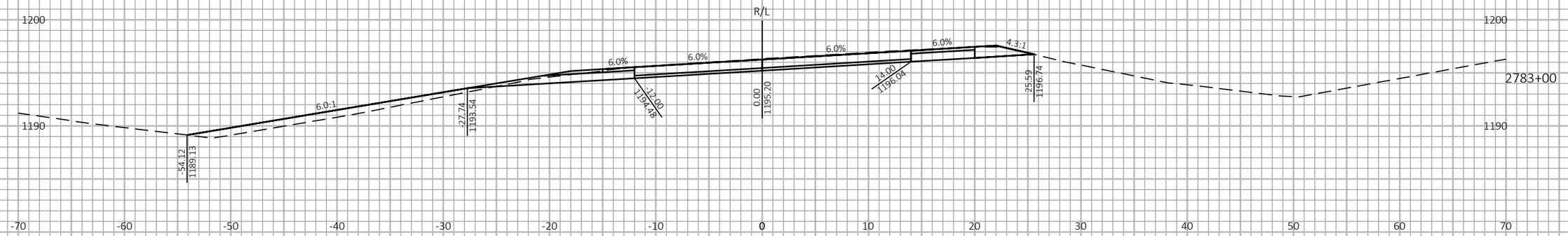
WISDOT/CADDS SHEET 49

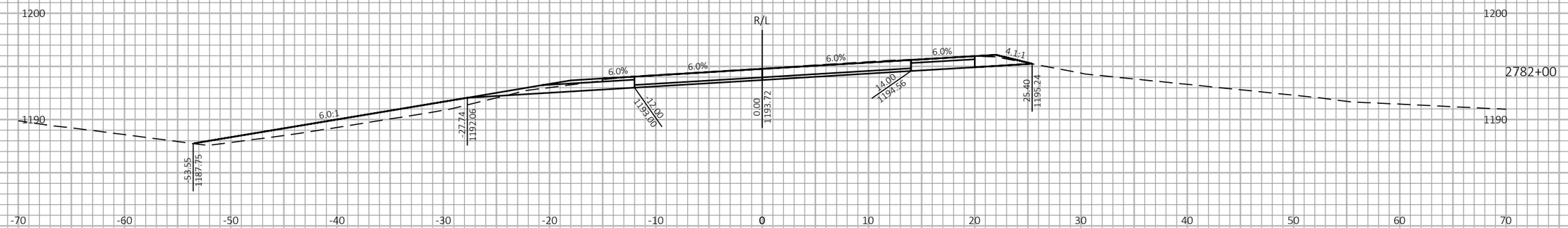
LEGEND

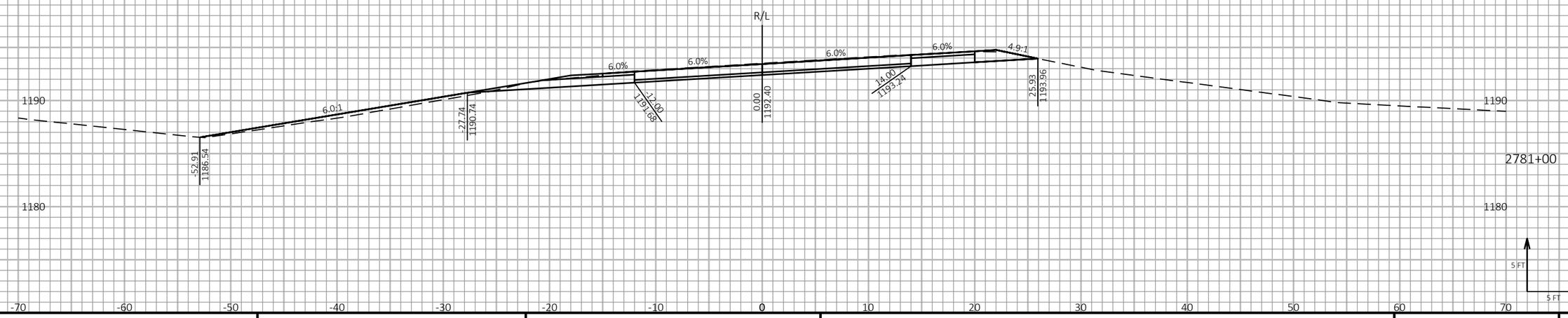
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 468	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 10

PLOT DATE : 10/7/2022 1:27 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

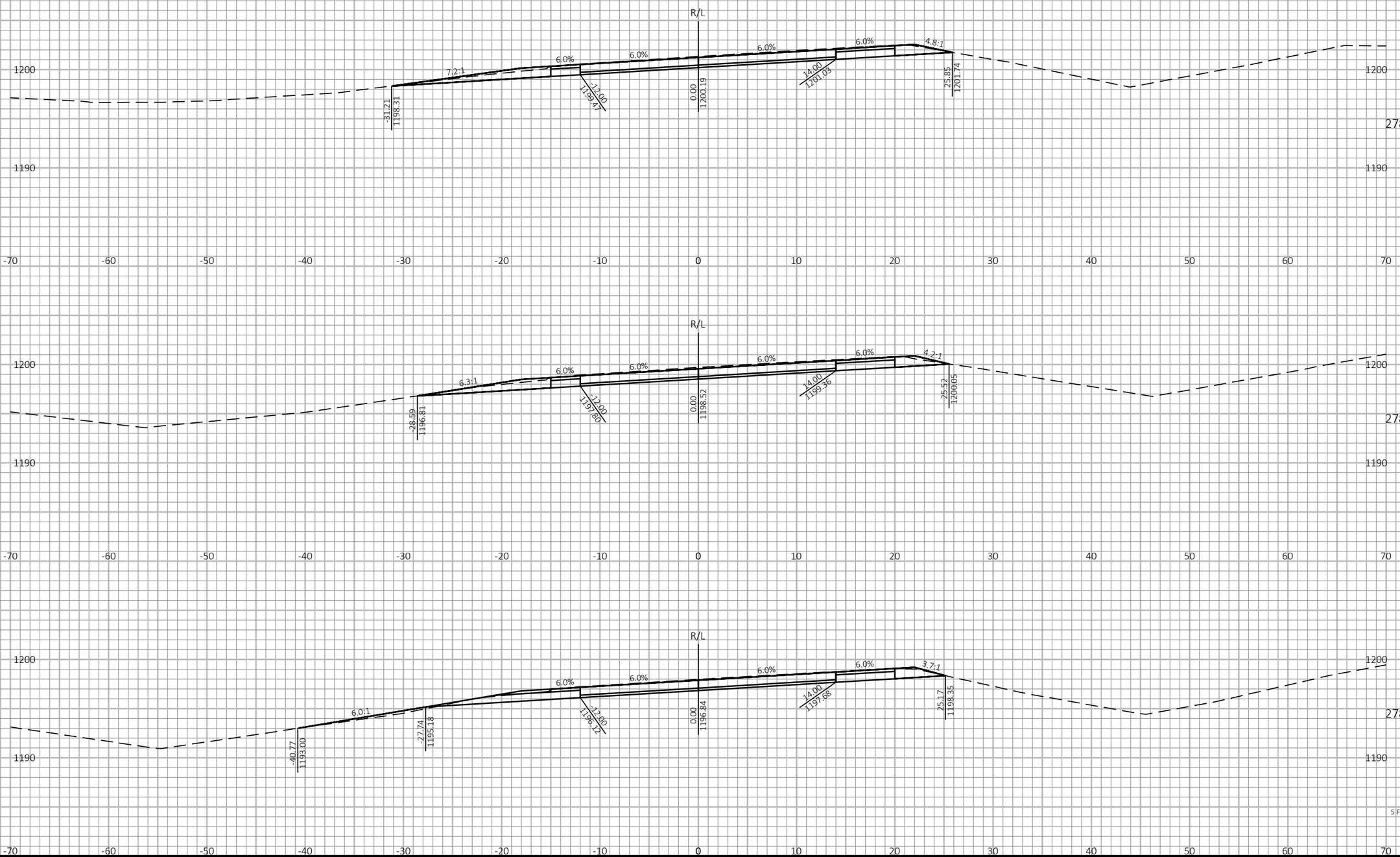
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 469	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 11

PLOT DATE : 10/7/2022 1:27 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

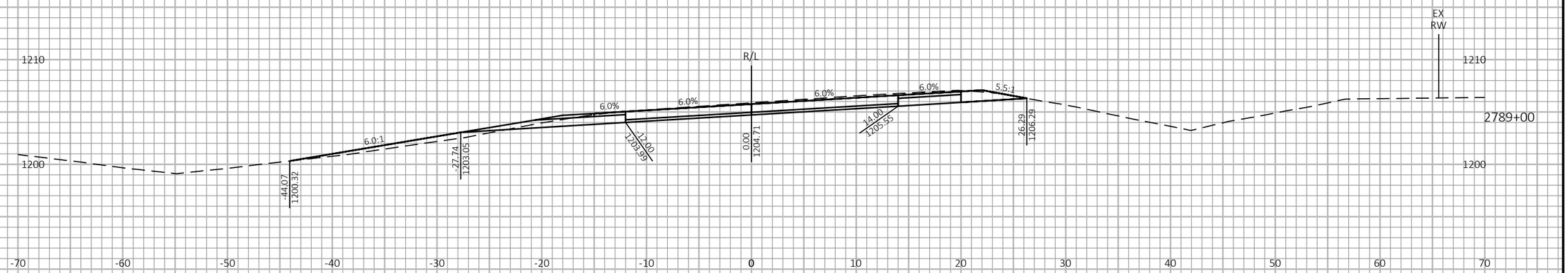
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 470	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 12

PLOT DATE : 10/7/2022 1:27 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

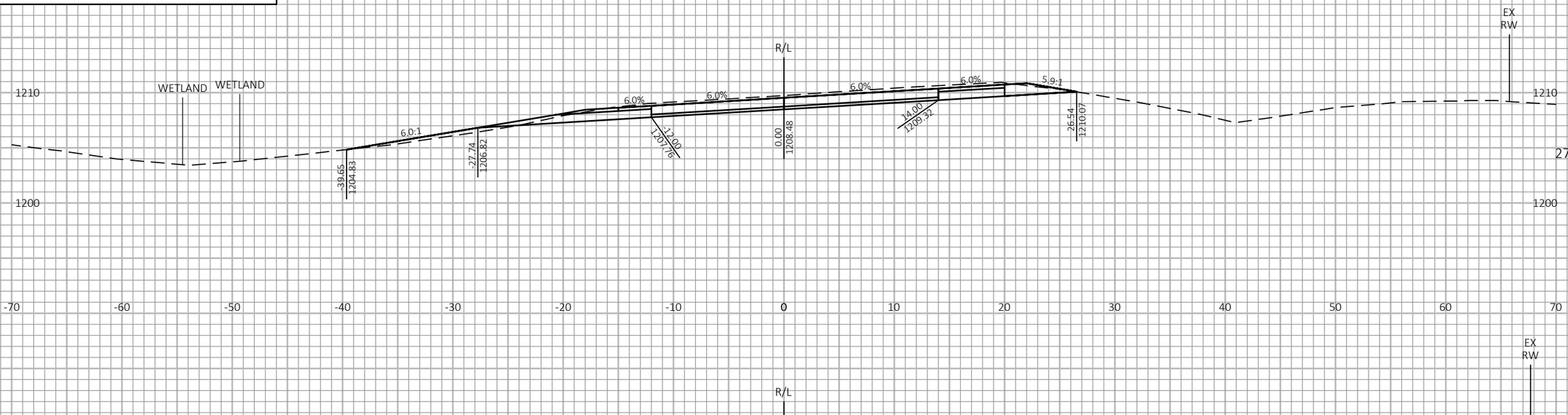
WISDOT/CADDS SHEET 49

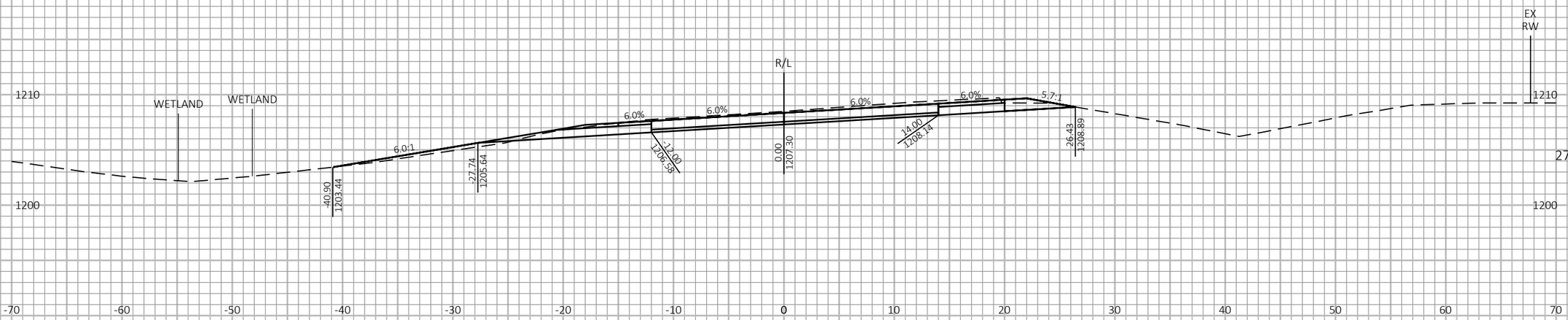
LEGEND

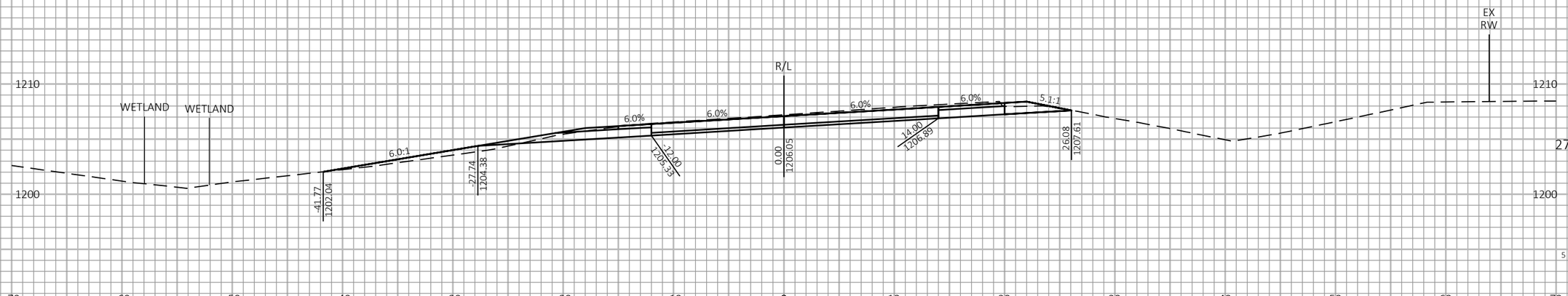
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 471	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 13

PLOT DATE : 10/7/2022 1:28 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

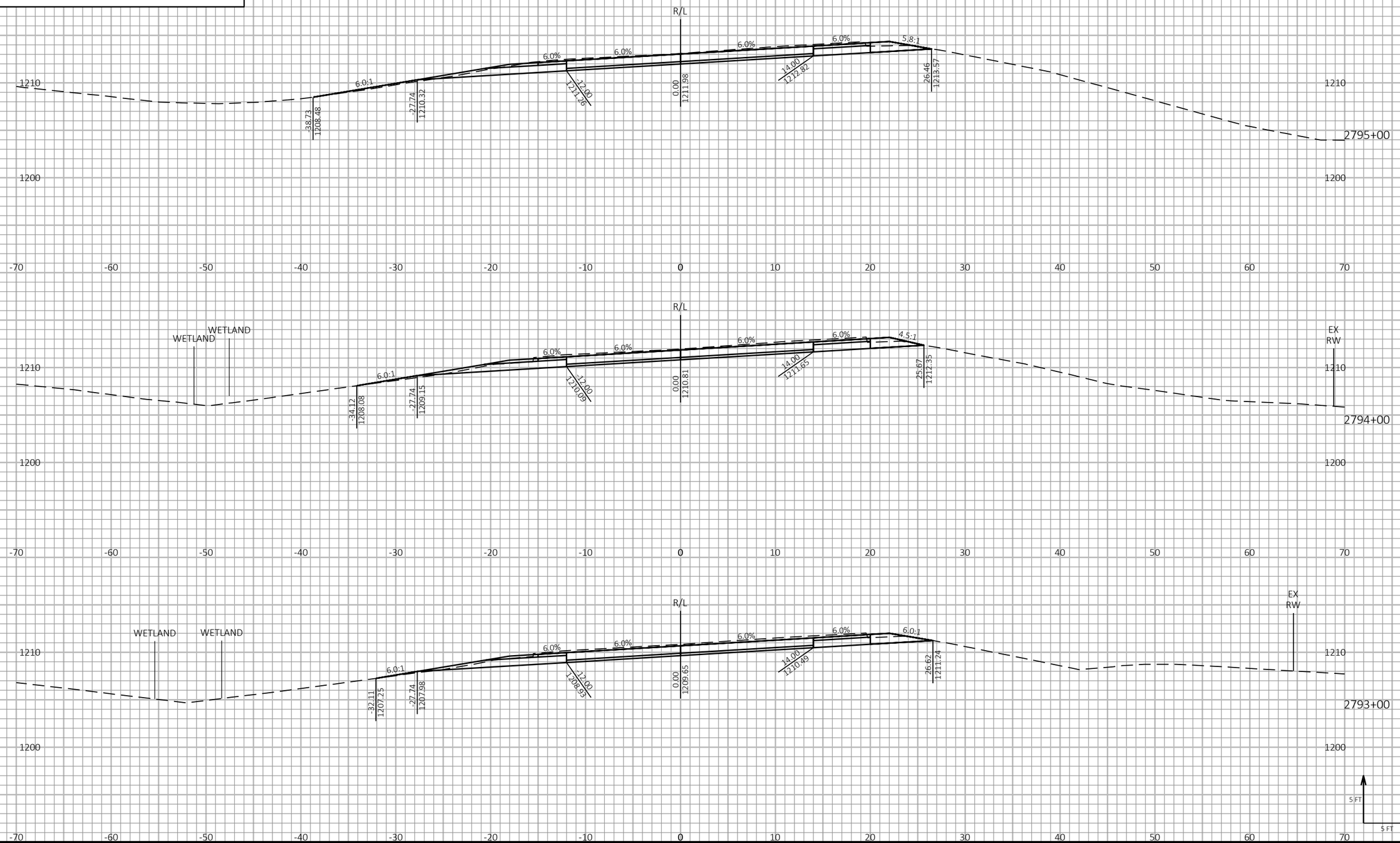
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 472	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 14

PLOT DATE : 10/7/2022 1:28 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

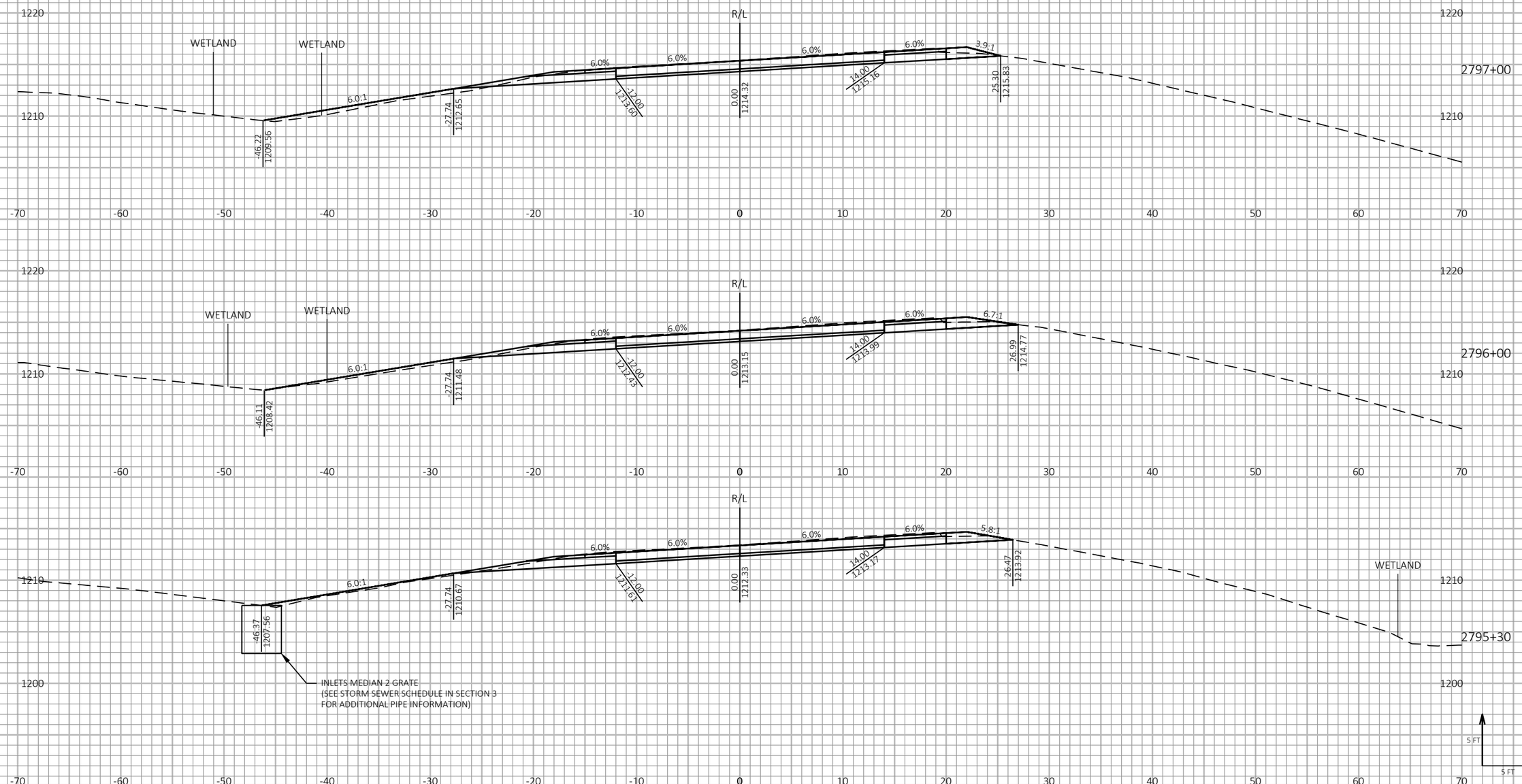
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 473	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 15

PLOT DATE : 10/7/2022 1:28 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

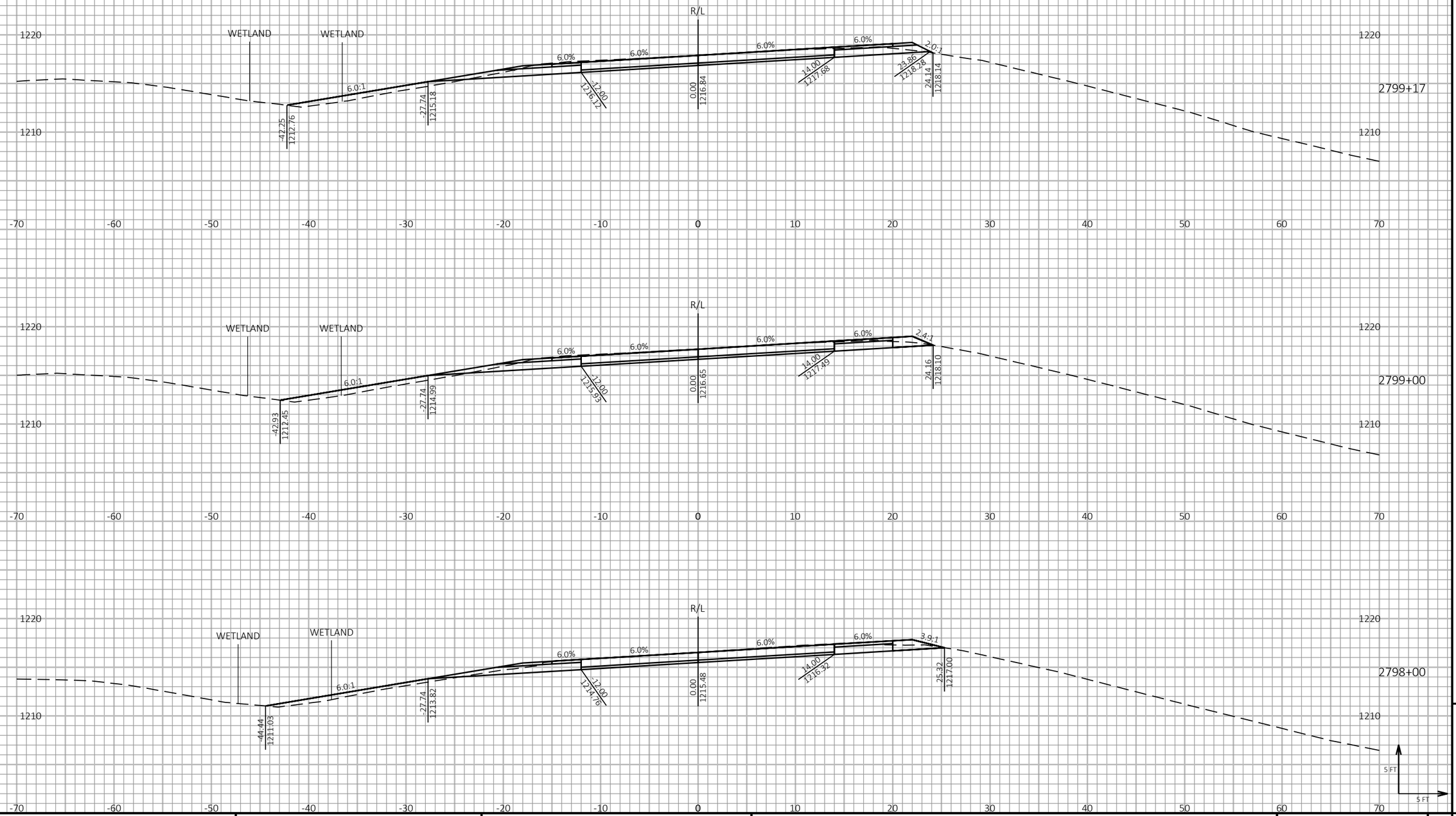
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 474	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 16

PLOT DATE : 10/7/2022 1:29 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

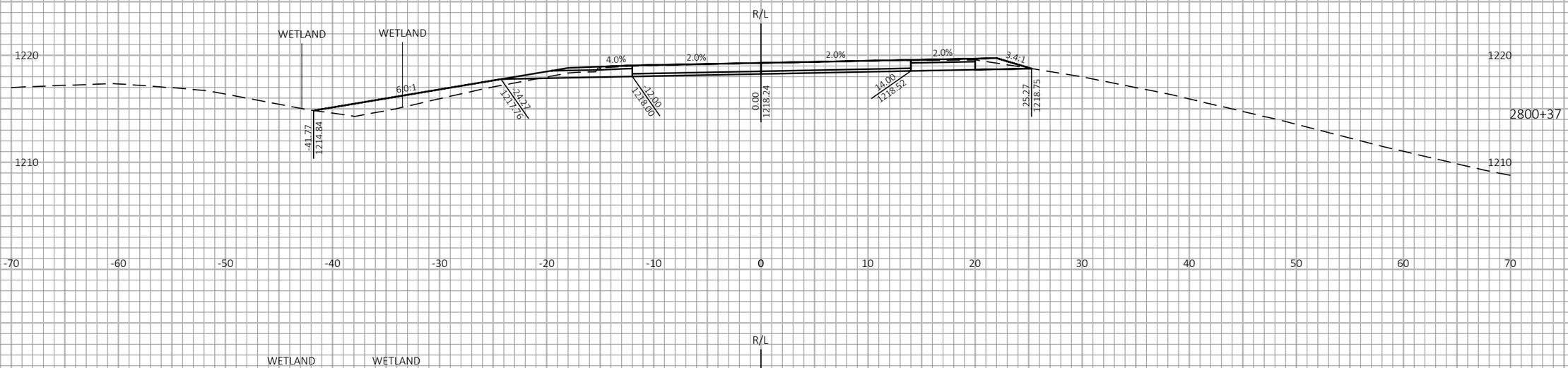
WISDOT/CADDS SHEET 49

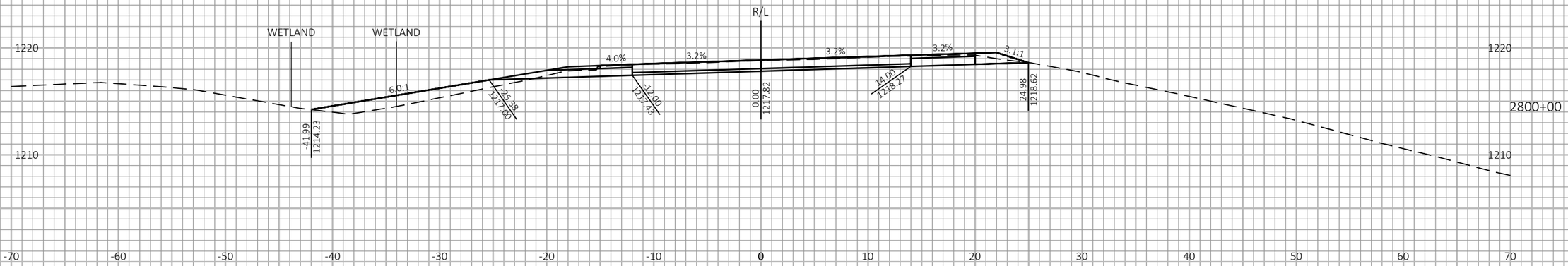
LEGEND

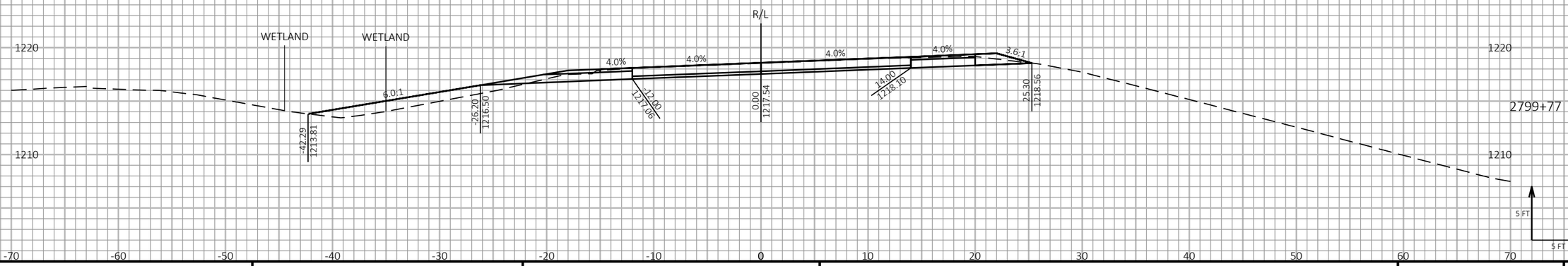
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 475	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 17

PLOT DATE : 10/7/2022 1:29 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

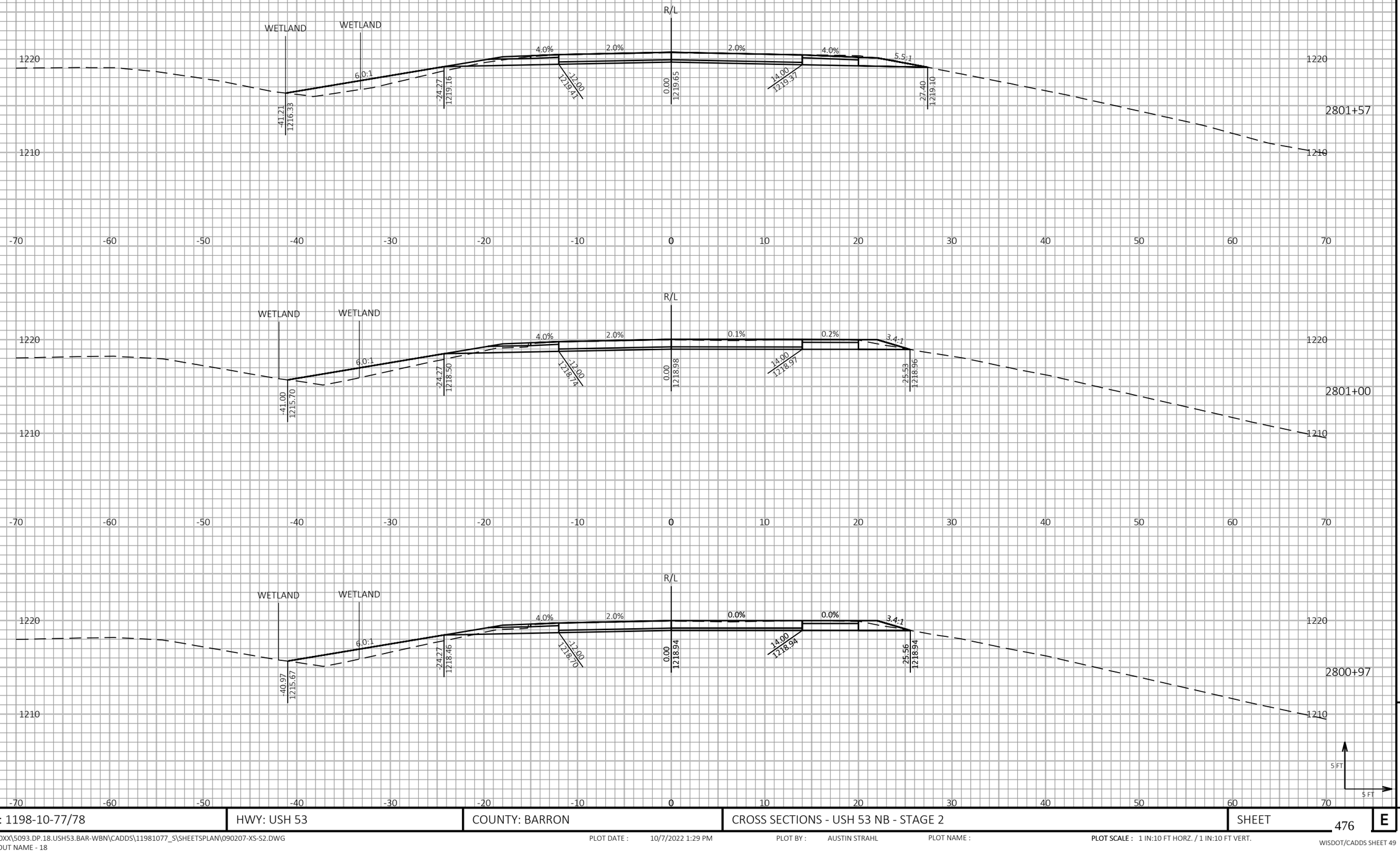
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 476	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 18

PLOT DATE : 10/7/2022 1:29 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

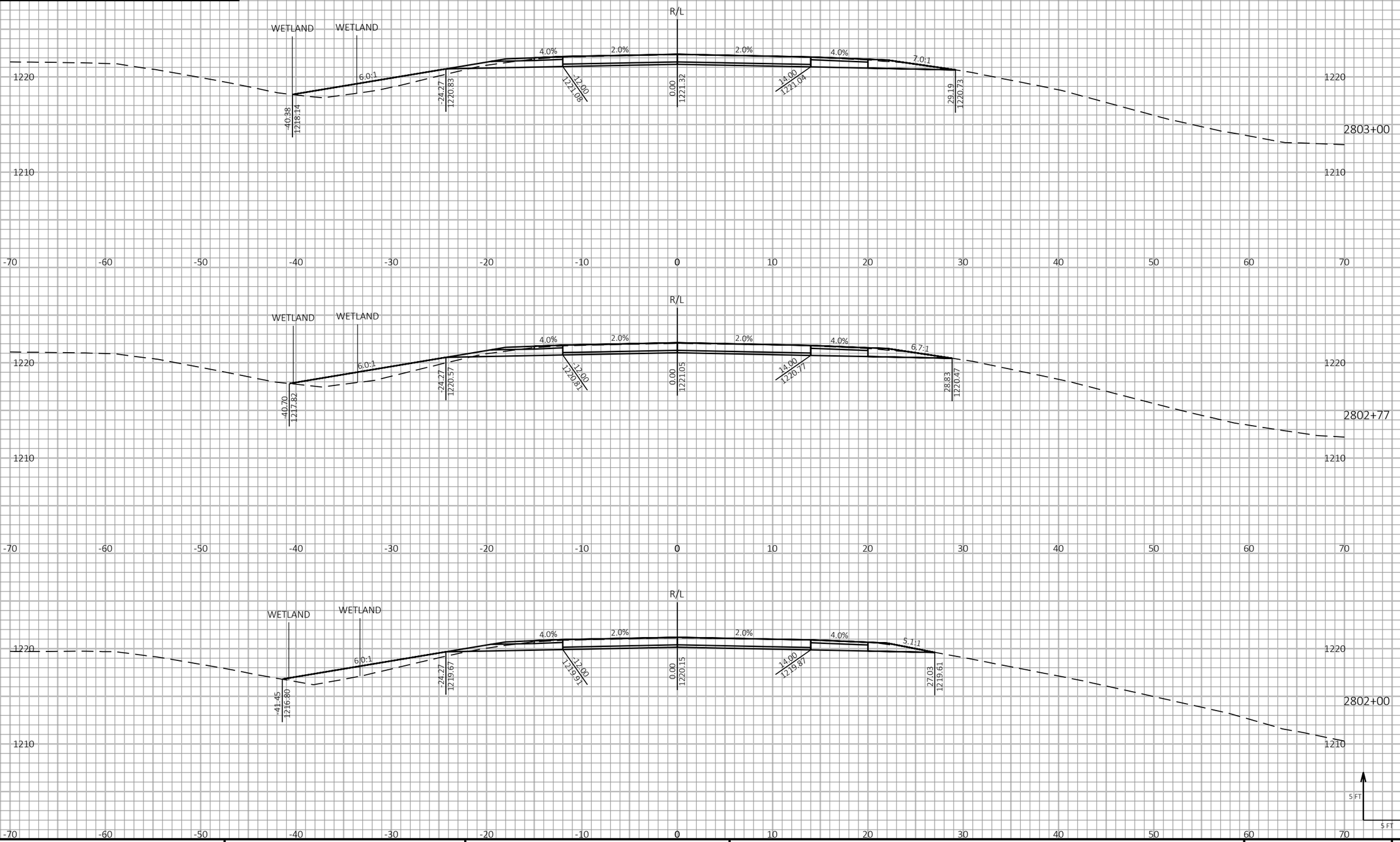
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 477	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 19

PLOT DATE : 10/7/2022 1:30 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

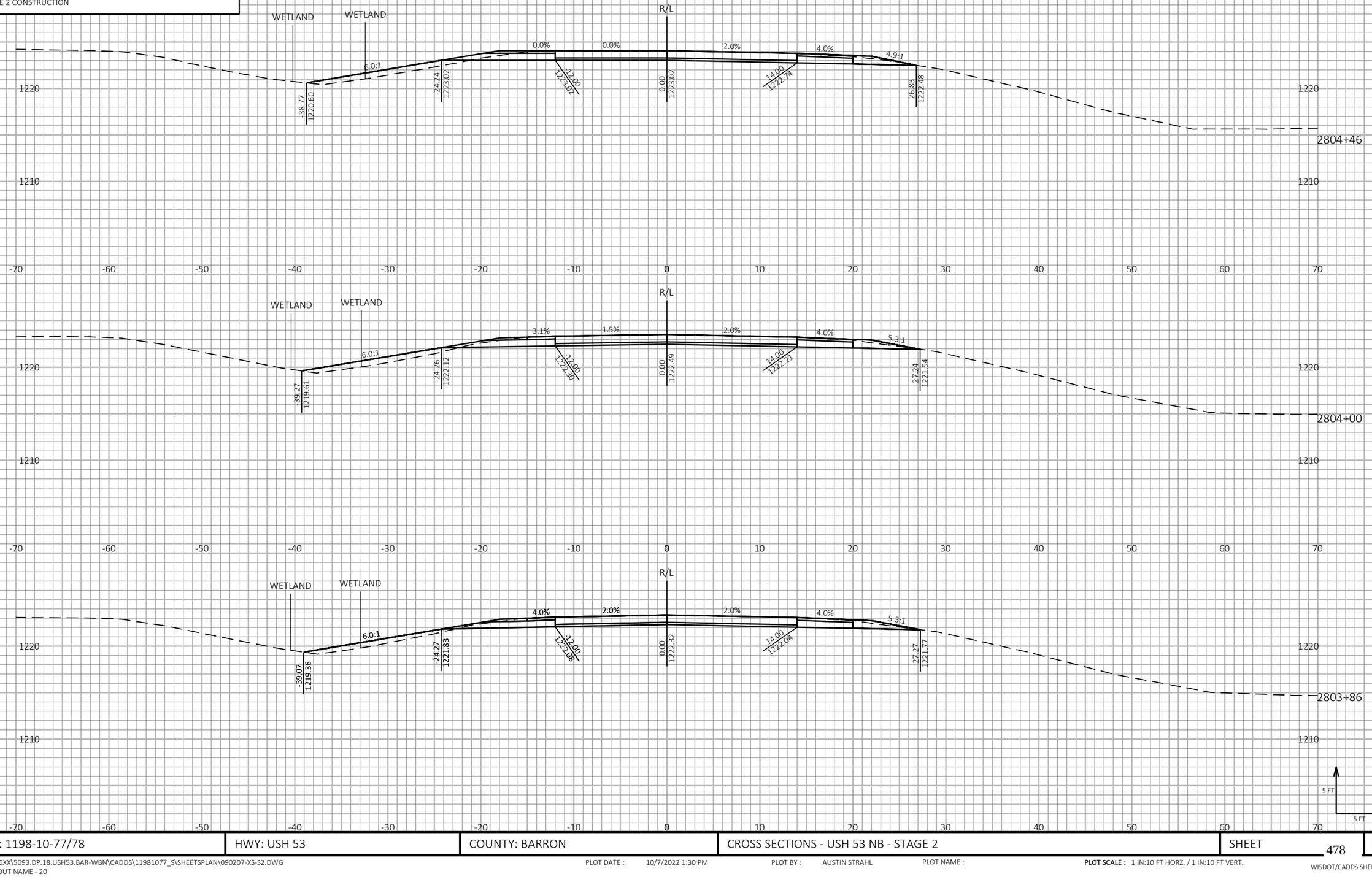
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 478	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 20

PLOT DATE : 10/7/2022 1:30 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

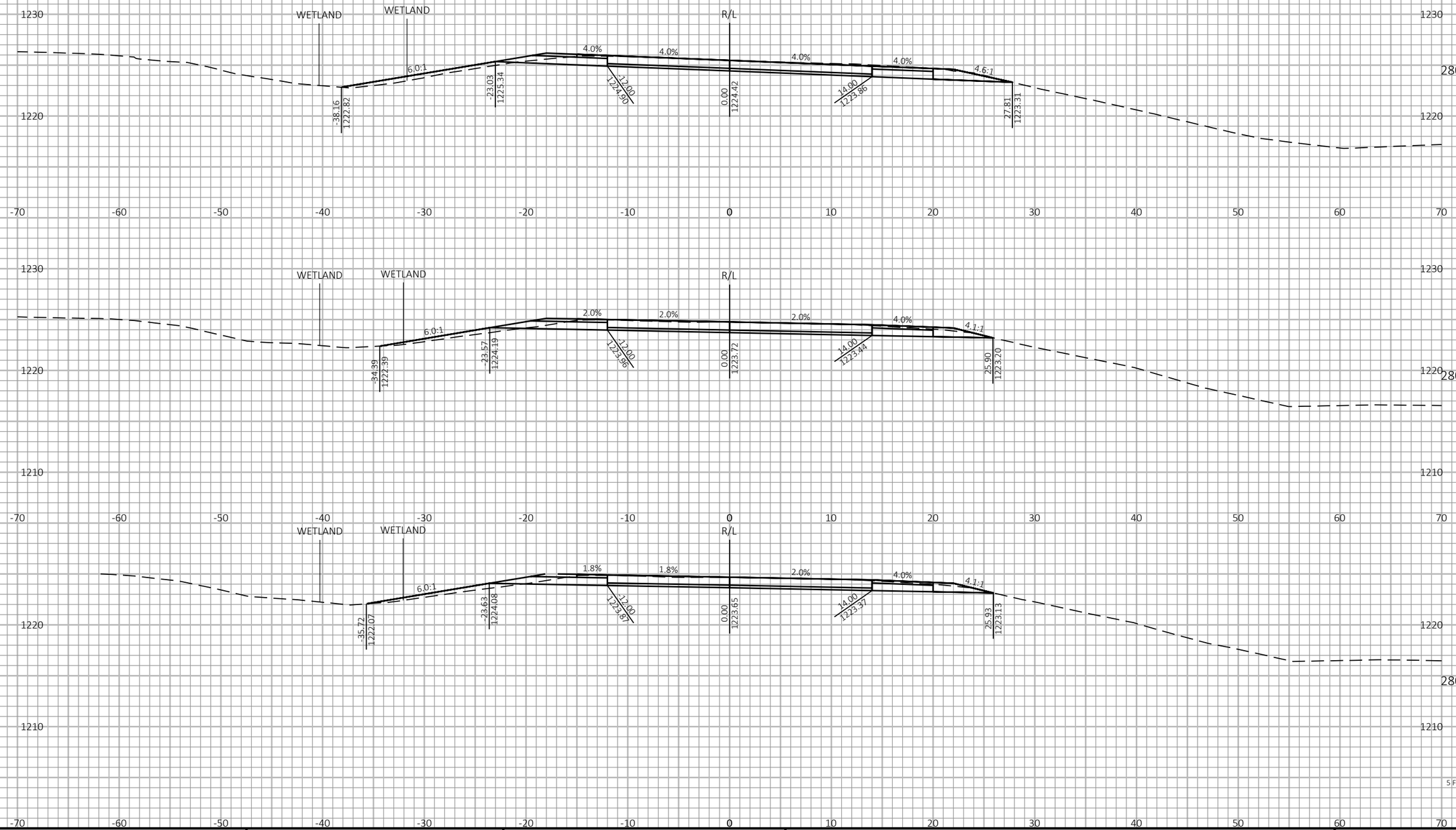
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 479	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 21

PLOT DATE : 10/7/2022 1:30 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

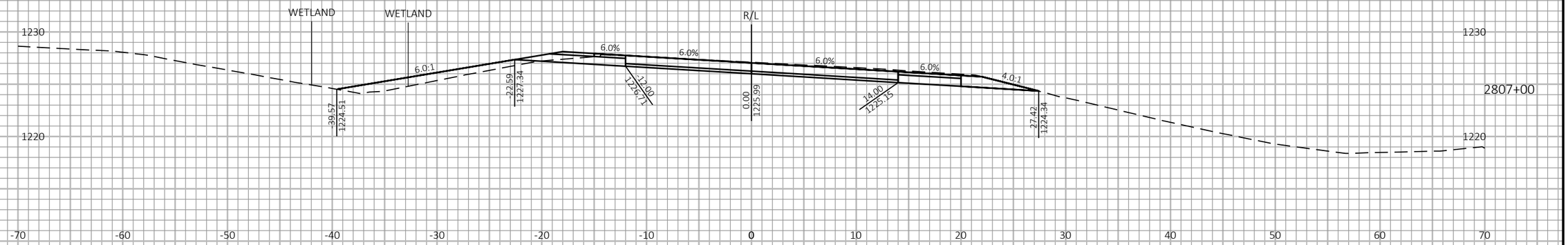
WISDOT/CADDS SHEET 49

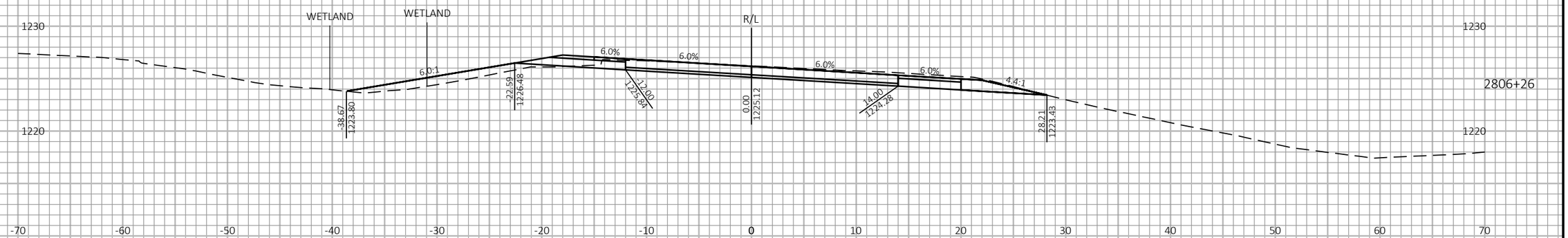
LEGEND

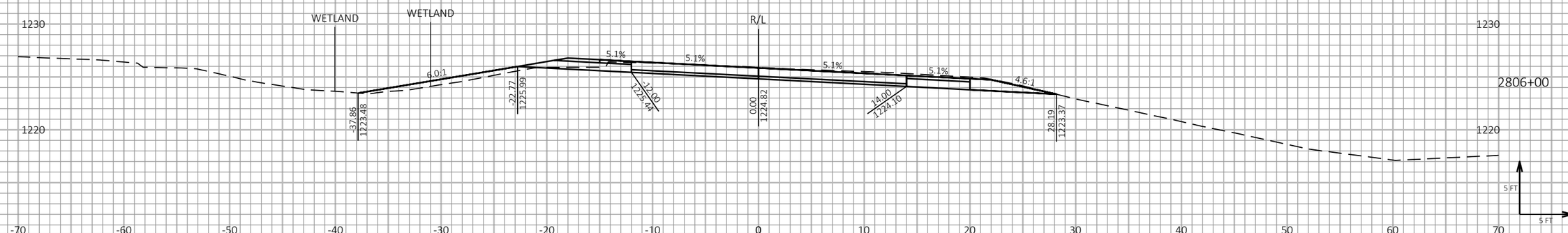
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 480	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 22

PLOT DATE : 10/7/2022 1:30 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

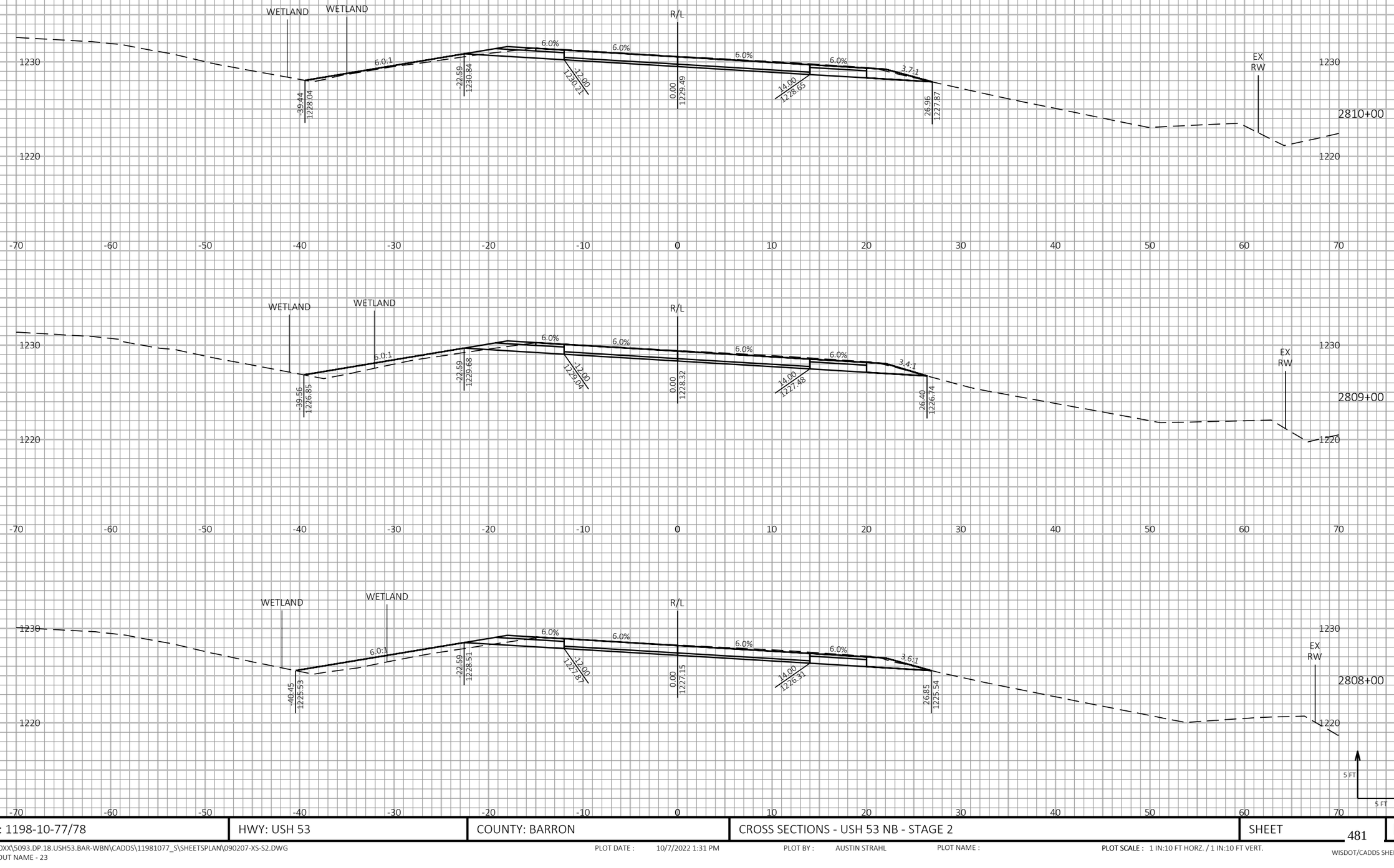
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 481	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 23

PLOT DATE : 10/7/2022 1:31 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

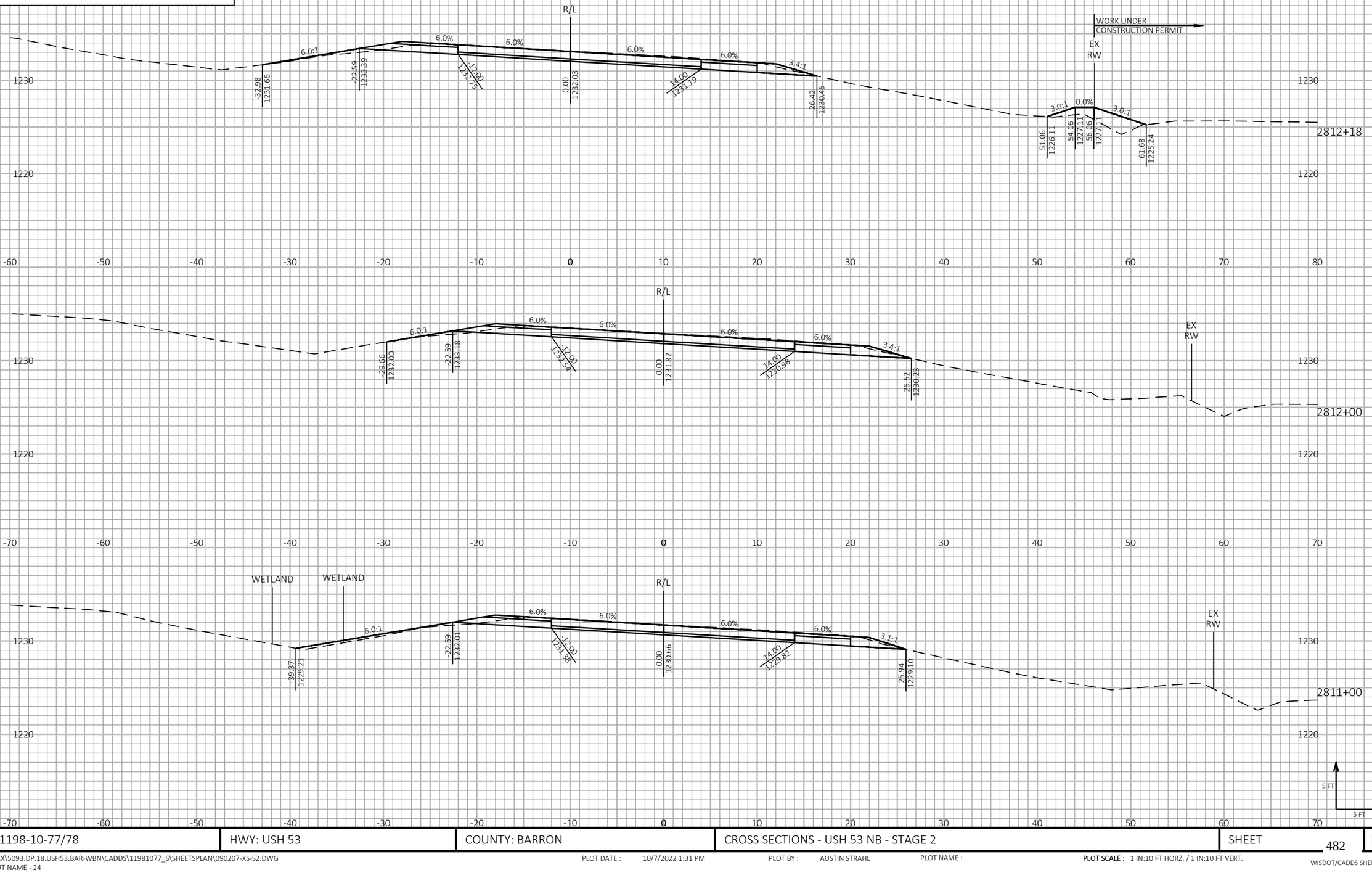
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 482	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 24

PLOT DATE : 10/7/2022 1:31 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

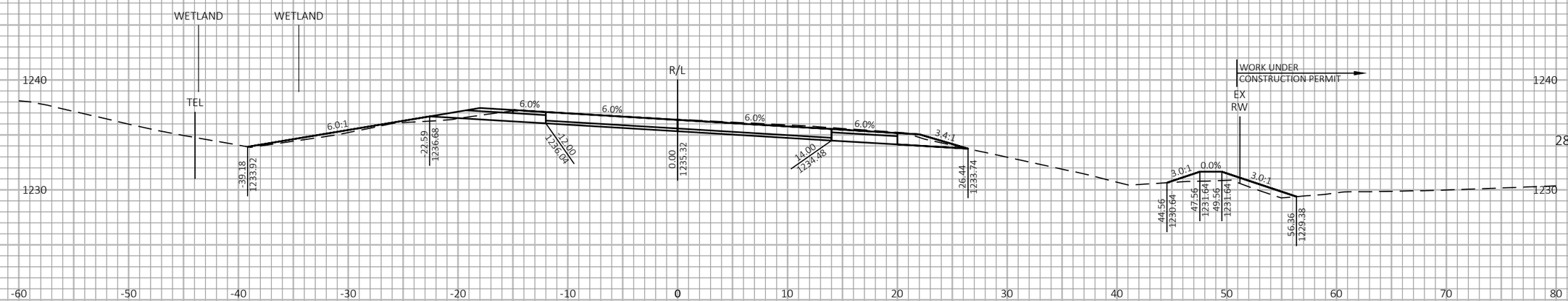
WISDOT/CADDS SHEET 49

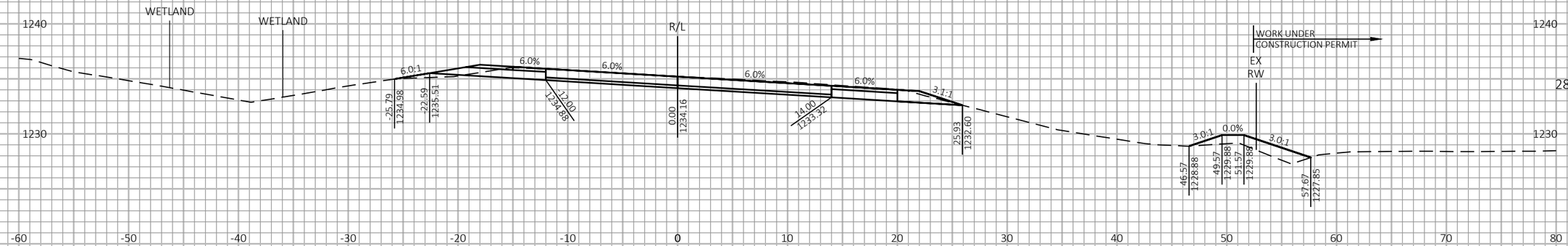
LEGEND

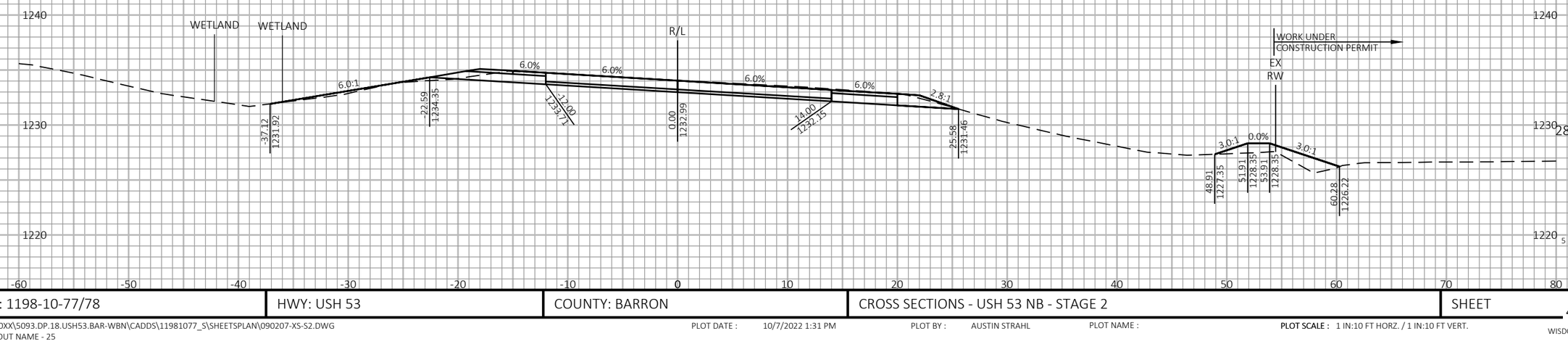
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 483	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 25

PLOT DATE : 10/7/2022 1:31 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

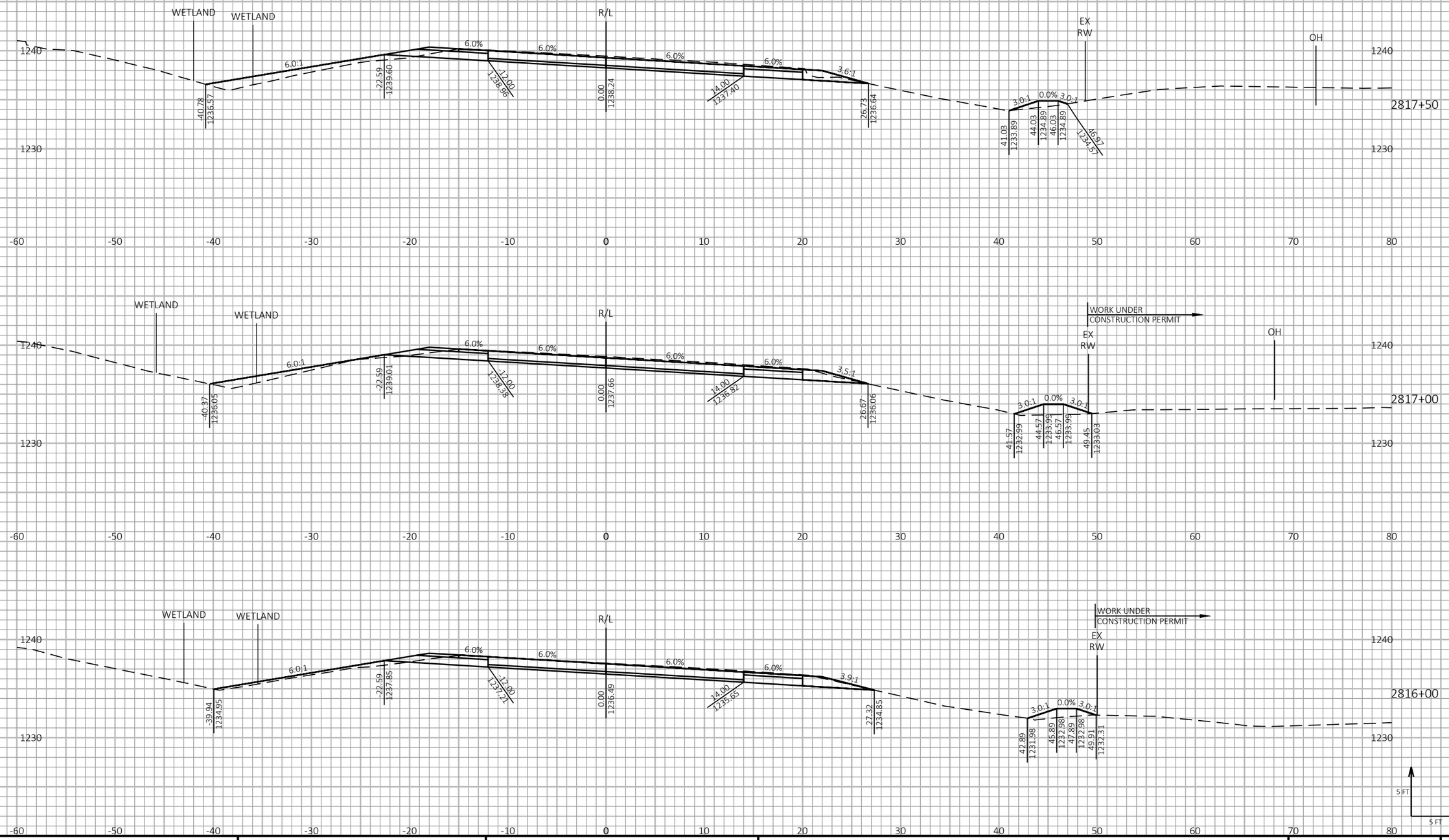
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION


WETLAND
WETLAND
R/L
EX RW
OH
1240
1230
6.0:1
6.0%
6.0%
6.0%
6.0%
3.6:1
-40.78
1236.57
22.59
1239.60
12.00
1238.86
0.00
1238.24
14.00
1237.40
26.73
1236.64
3.0:1
0.0%
3.0:1
41.08
1233.89
44.03
1234.89
46.03
1234.89
46.97
1234.57
2817+50
-60
-50
-40
-30
-20
-10
0
10
20
30
40
50
60
70
80
WETLAND
WETLAND
R/L
WORK UNDER CONSTRUCTION PERMIT
EX RW
OH
1240
1230
6.0:1
6.0%
6.0%
6.0%
6.0%
3.5:1
-40.37
1236.05
22.59
1239.01
12.00
1238.35
0.00
1237.66
14.00
1236.82
26.67
1236.06
3.0:1
0.0%
3.0:1
41.57
1232.99
44.57
1233.99
46.57
1233.99
49.45
1233.03
2817+00
-60
-50
-40
-30
-20
-10
0
10
20
30
40
50
60
70
80
WETLAND
WETLAND
R/L
WORK UNDER CONSTRUCTION PERMIT
EX RW
1240
1230
6.0:1
6.0%
6.0%
6.0%
6.0%
3.9:1
-39.94
1234.95
22.59
1237.85
12.00
1237.21
0.00
1236.49
14.00
1235.65
27.32
1234.85
3.0:1
0.0%
3.0:1
42.89
1231.98
45.89
1232.98
47.89
1232.98
49.91
1232.31
2816+00
5 FT
5 FT
-60
-50
-40
-30
-20
-10
0
10
20
30
40
50
60
70
80

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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 484	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 26

PLOT DATE : 10/7/2022 1:32 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

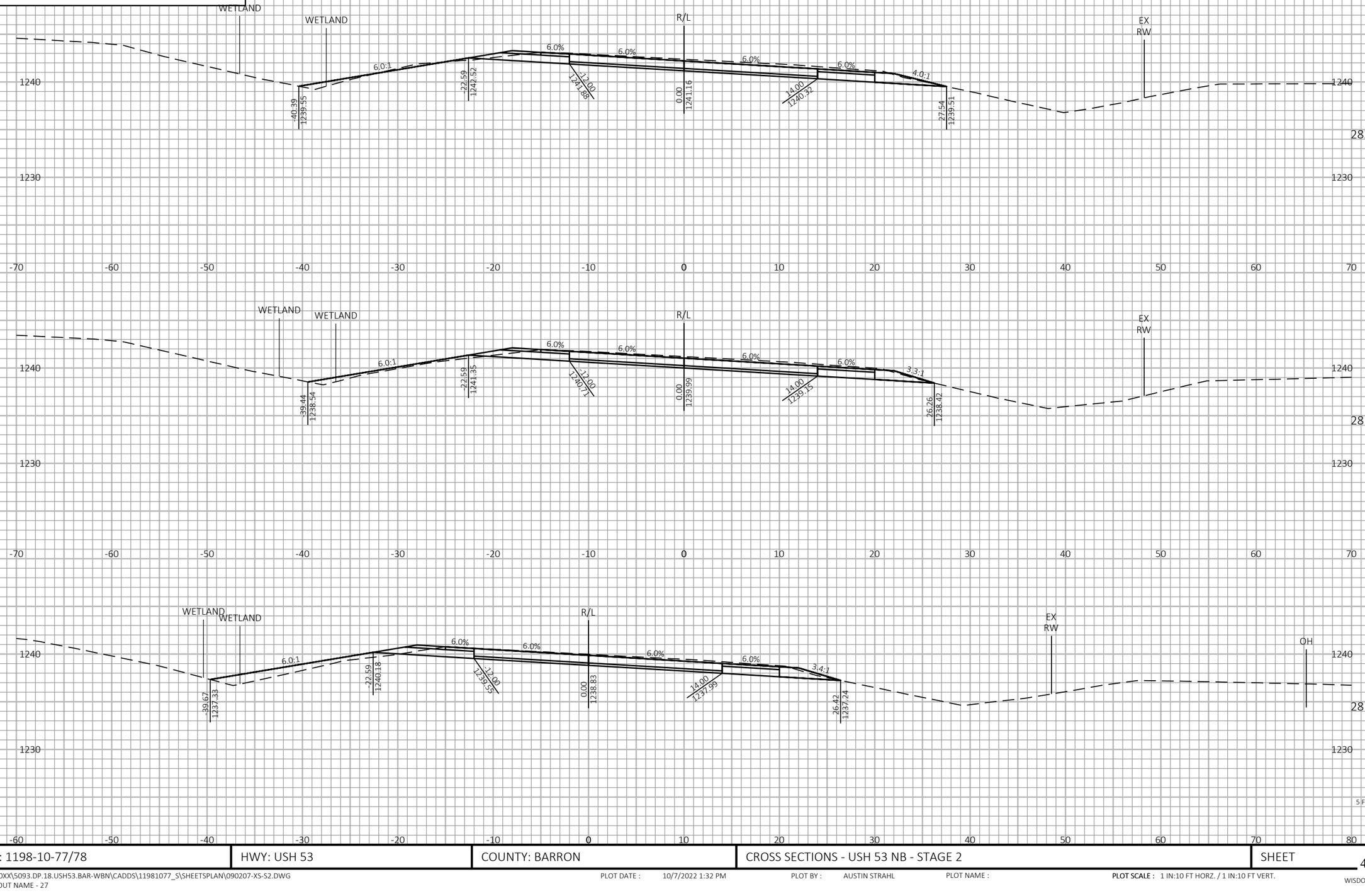
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 485	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 27

PLOT DATE : 10/7/2022 1:32 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

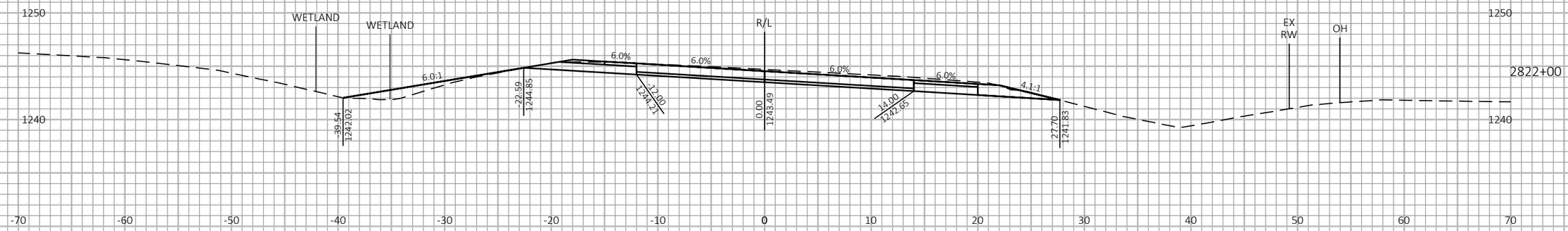
WISDOT/CADDS SHEET 49

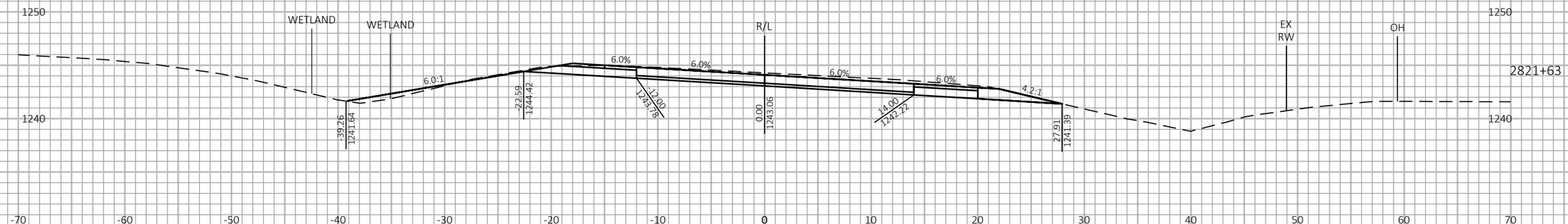
LEGEND

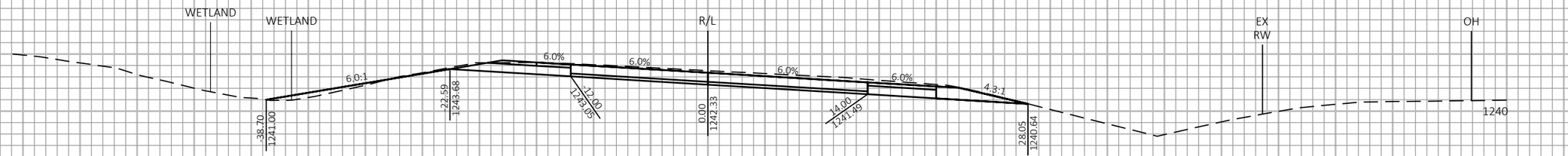
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 486	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 28

PLOT DATE : 10/7/2022 1:32 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

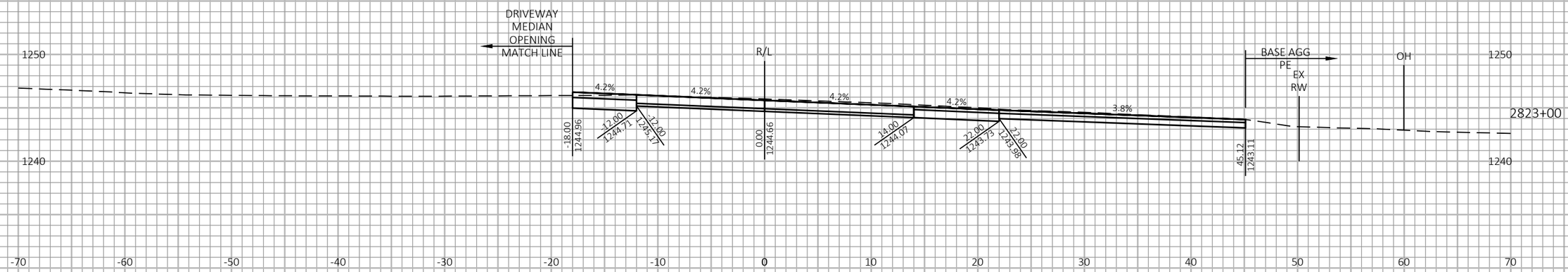
WISDOT/CADDS SHEET 49

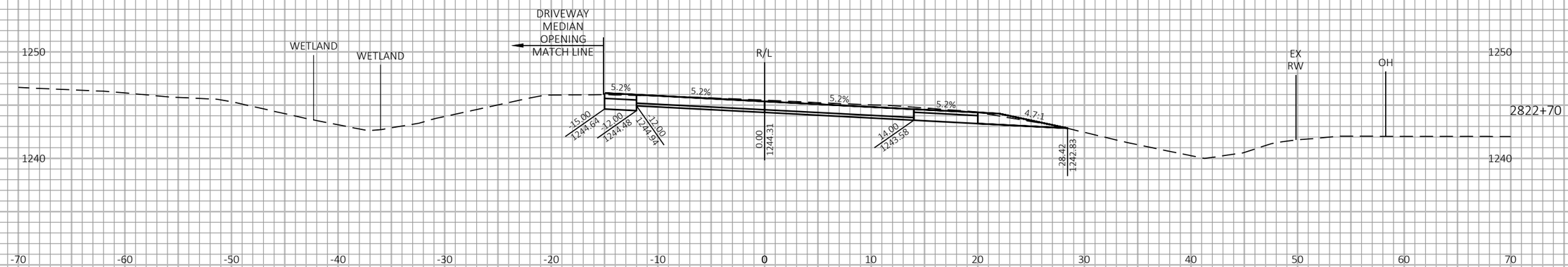
LEGEND

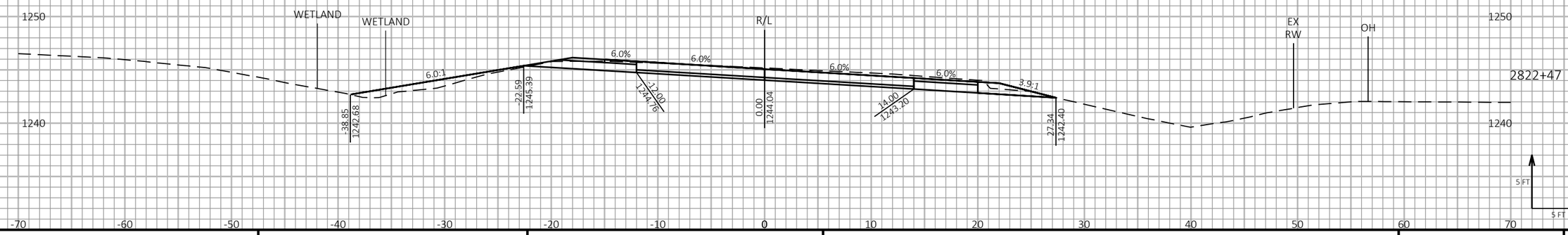
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 487	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 29

PLOT DATE : 10/7/2022 1:33 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

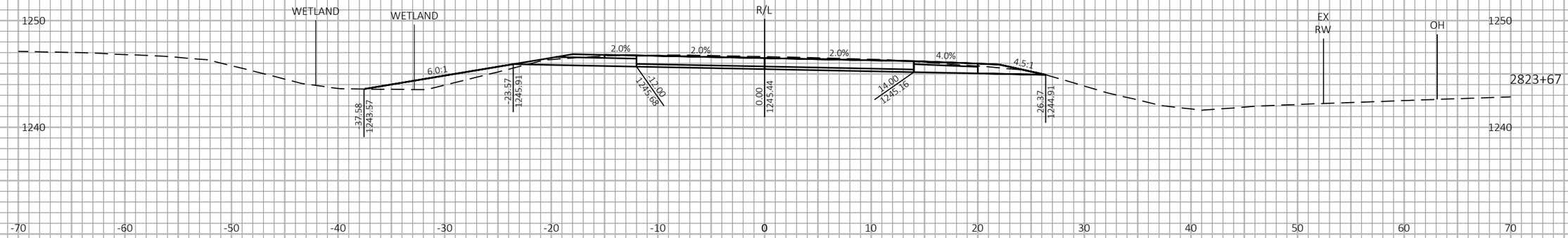
WISDOT/CADDS SHEET 49

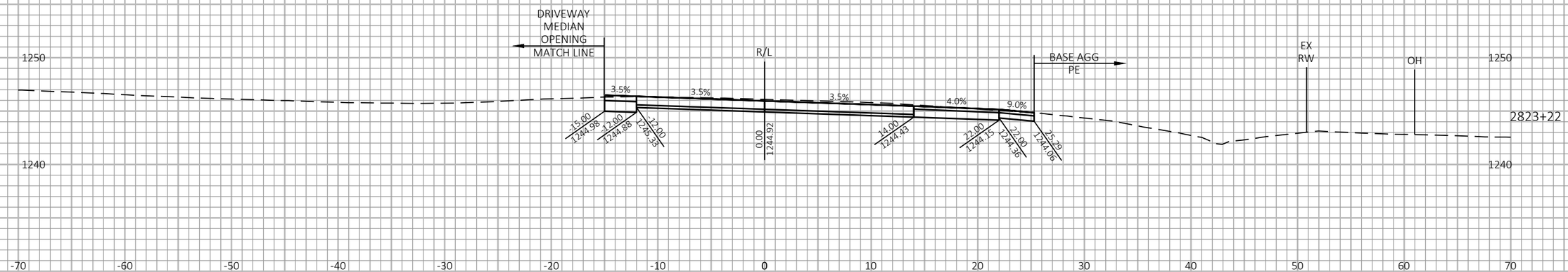
LEGEND

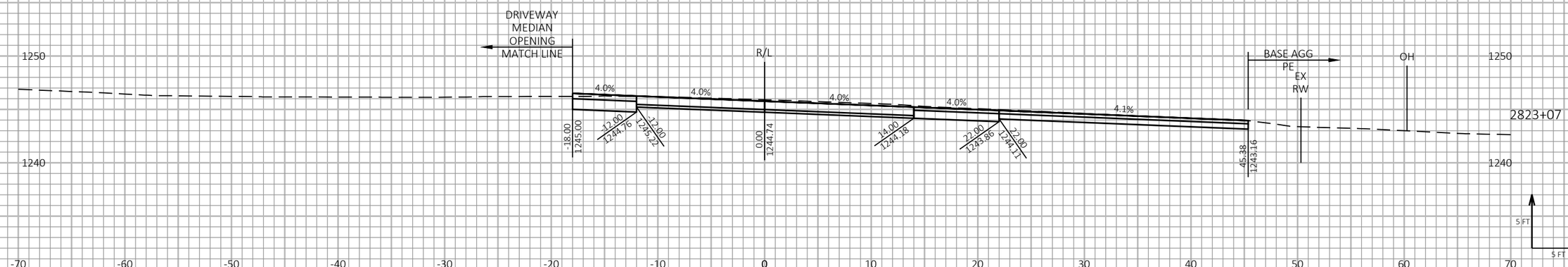
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 488	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 30

PLOT DATE : 10/7/2022 1:33 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

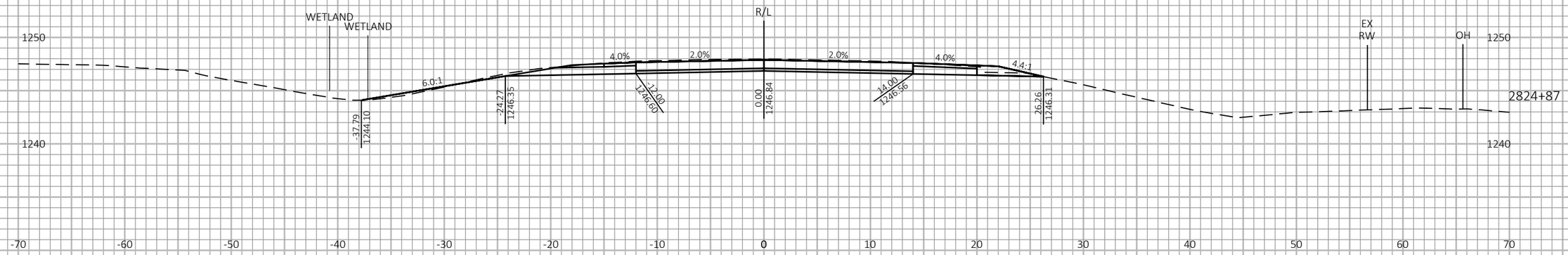
WISDOT/CADDS SHEET 49

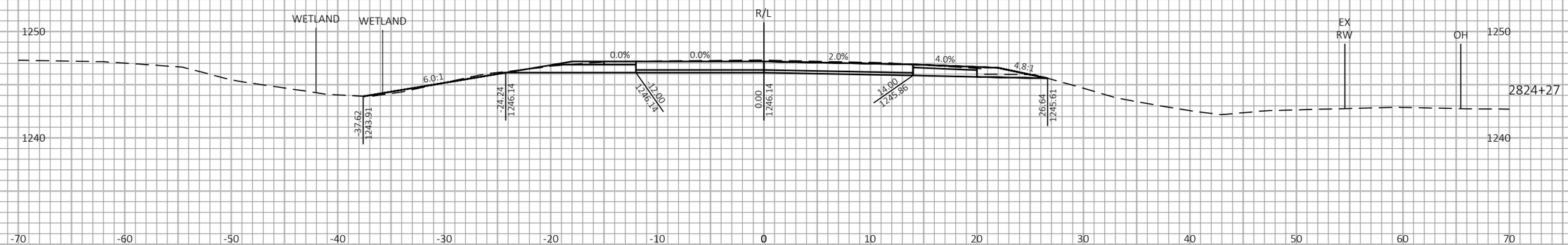
LEGEND

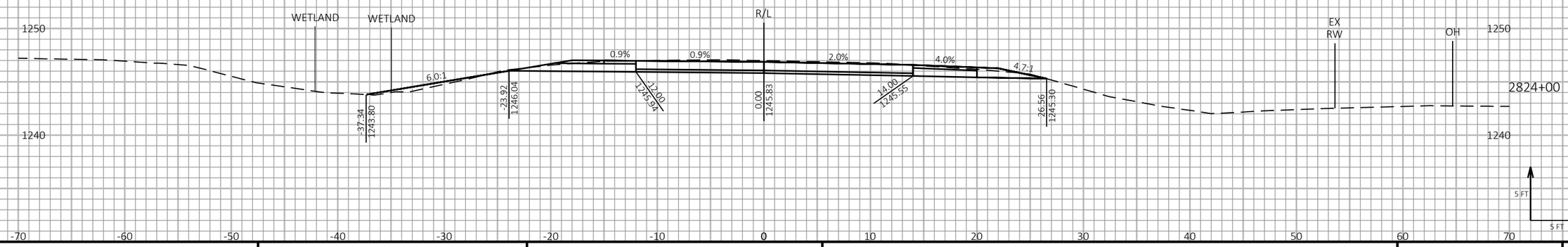
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 489	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 31

PLOT DATE : 10/7/2022 1:33 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

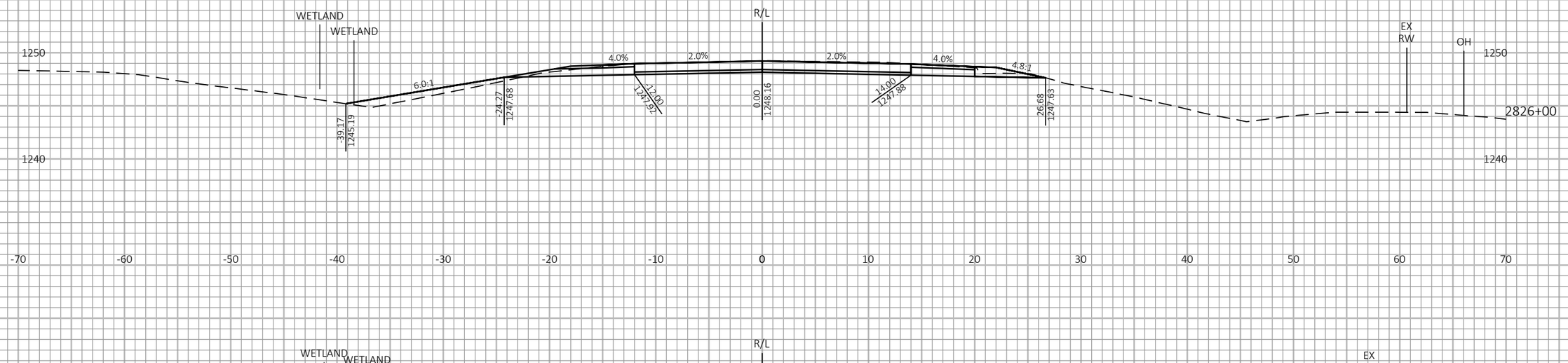
WISDOT/CADDS SHEET 49

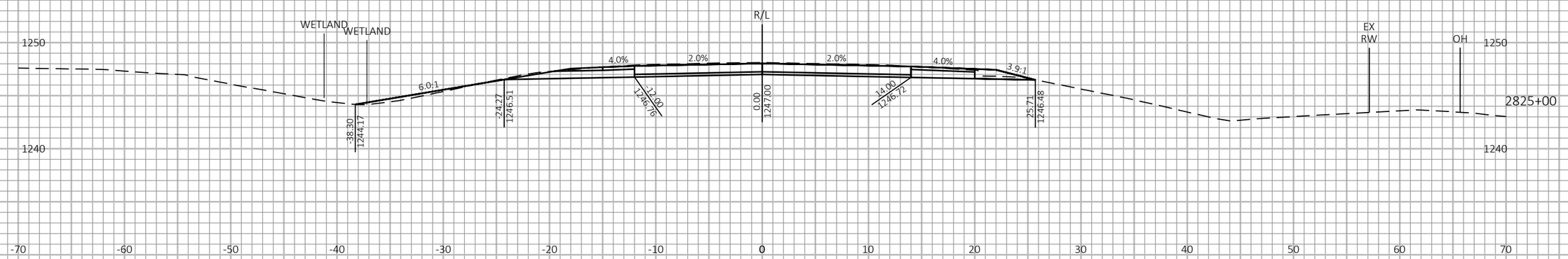
LEGEND

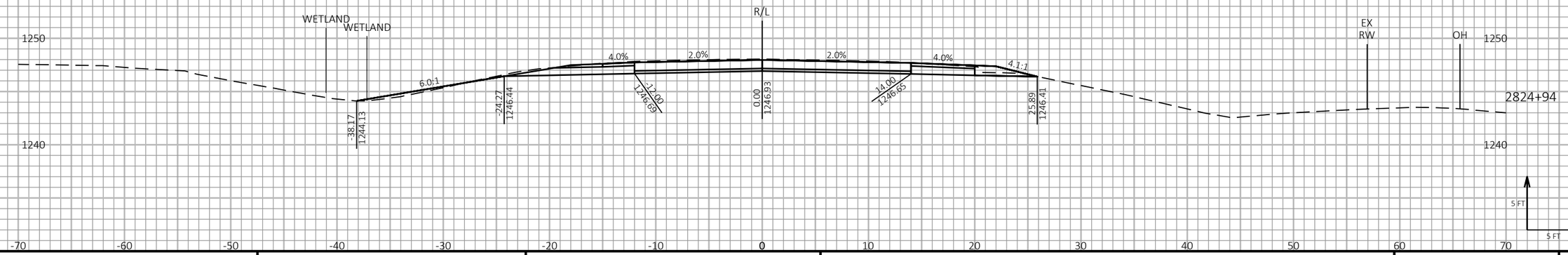
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 490	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 32

PLOT DATE : 10/7/2022 1:34 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

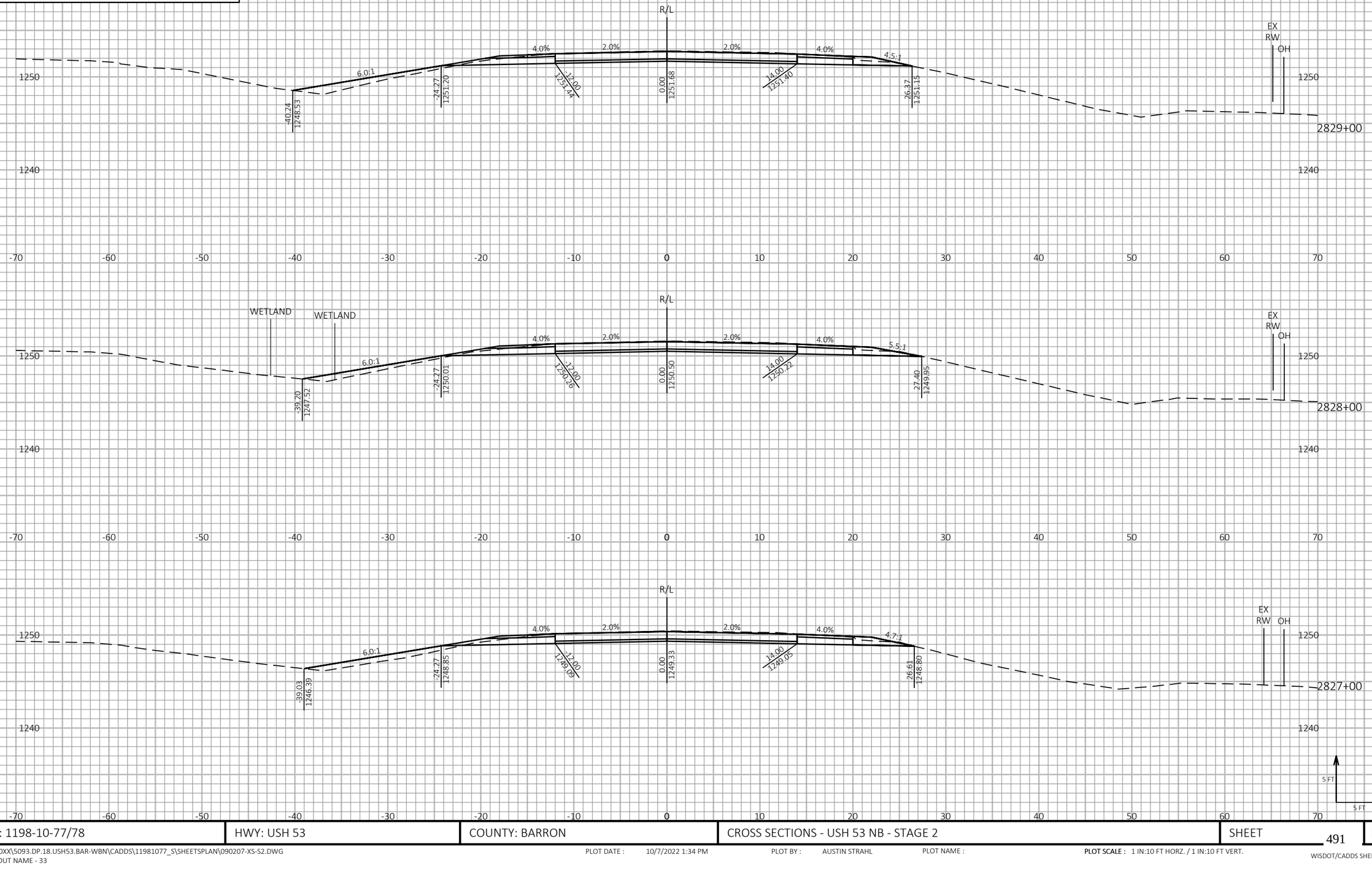
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 491	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 33

PLOT DATE : 10/7/2022 1:34 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

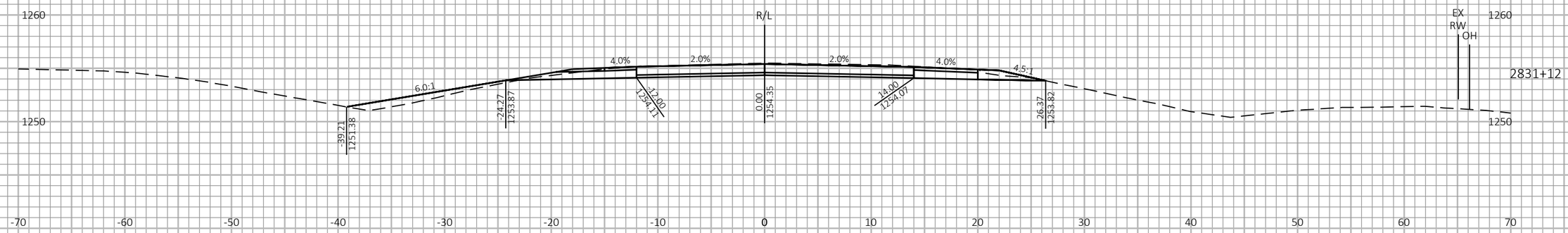
WISDOT/CADDS SHEET 49

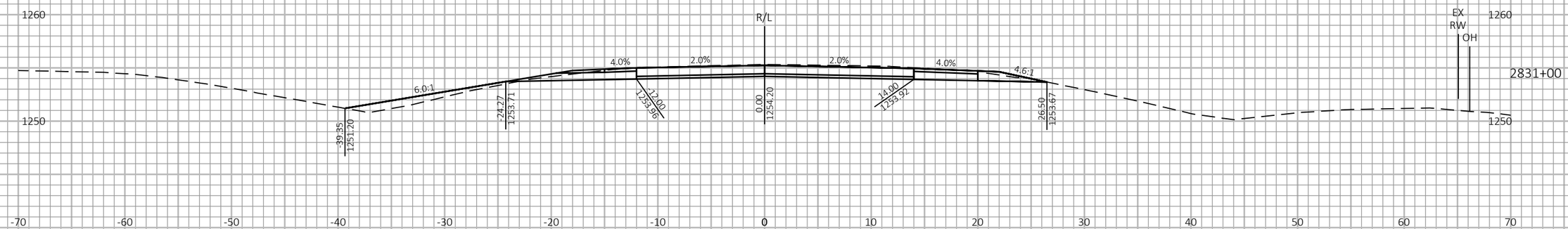
LEGEND

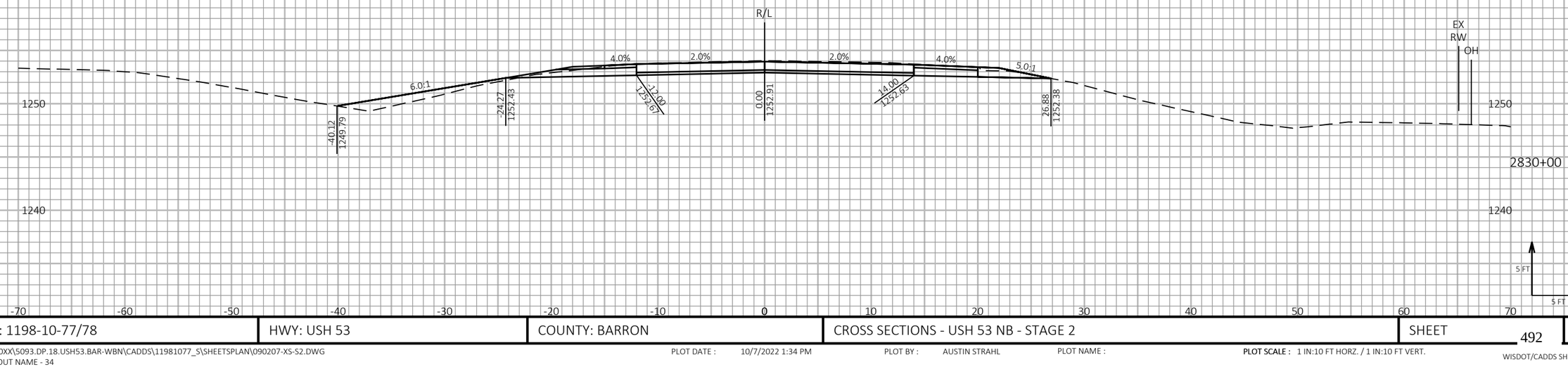
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 492	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 34

PLOT DATE : 10/7/2022 1:34 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

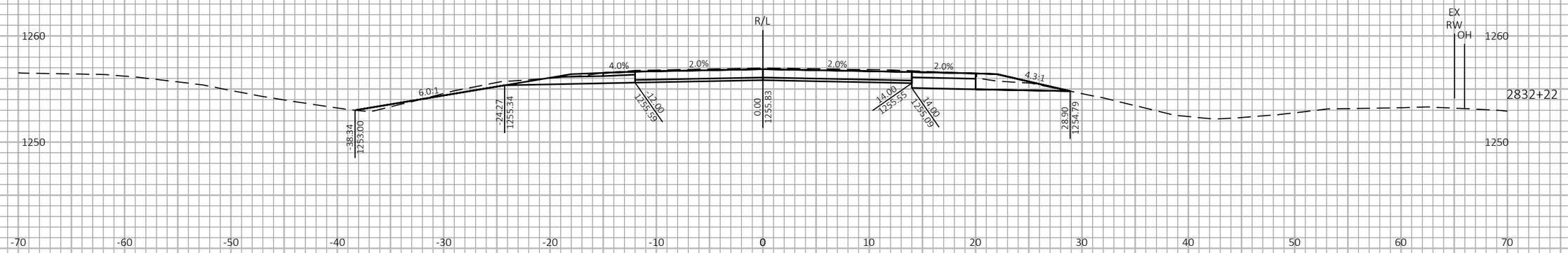
WISDOT/CADDS SHEET 49

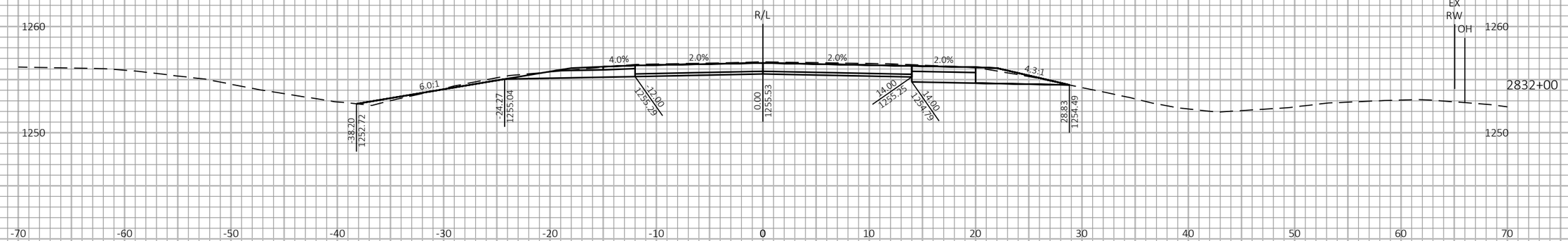
LEGEND

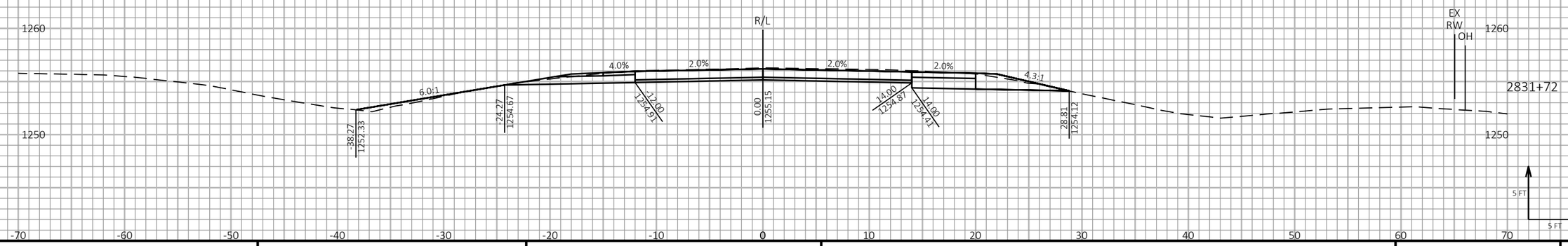
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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9

PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 493	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 35

PLOT DATE : 10/7/2022 1:35 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

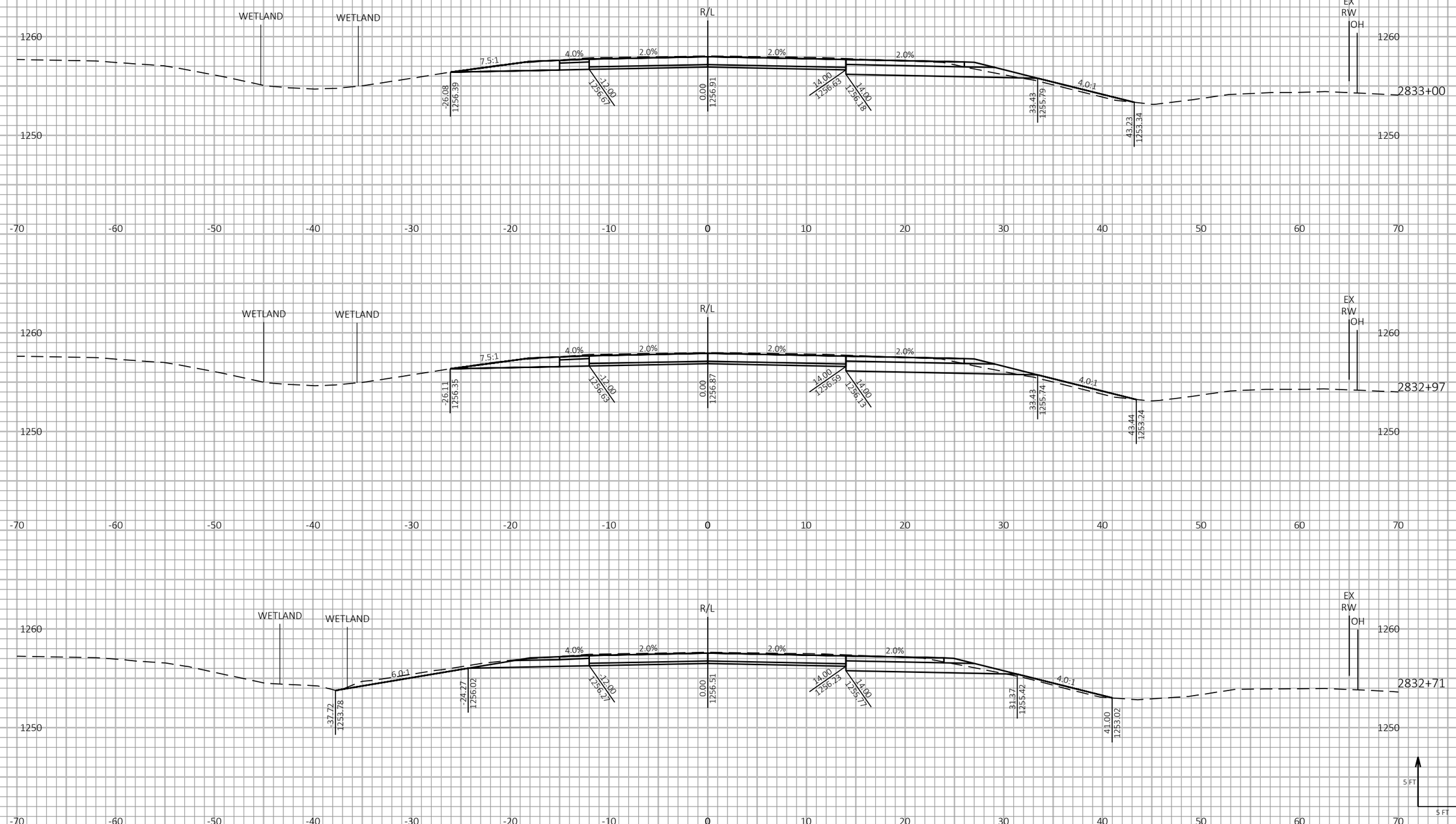
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 494	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 36

PLOT DATE : 10/7/2022 1:35 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

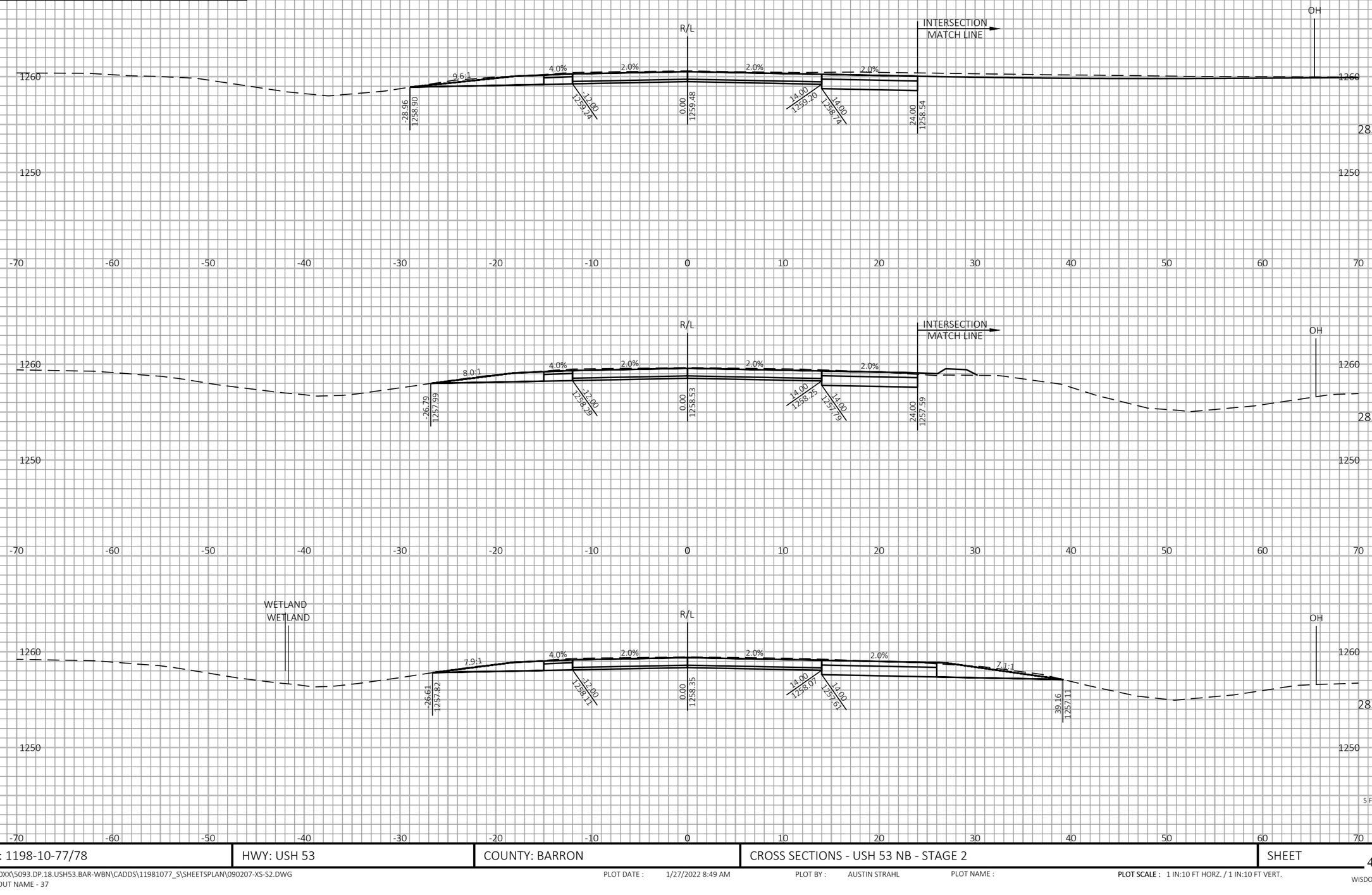
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 495	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 37

PLOT DATE : 1/27/2022 8:49 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

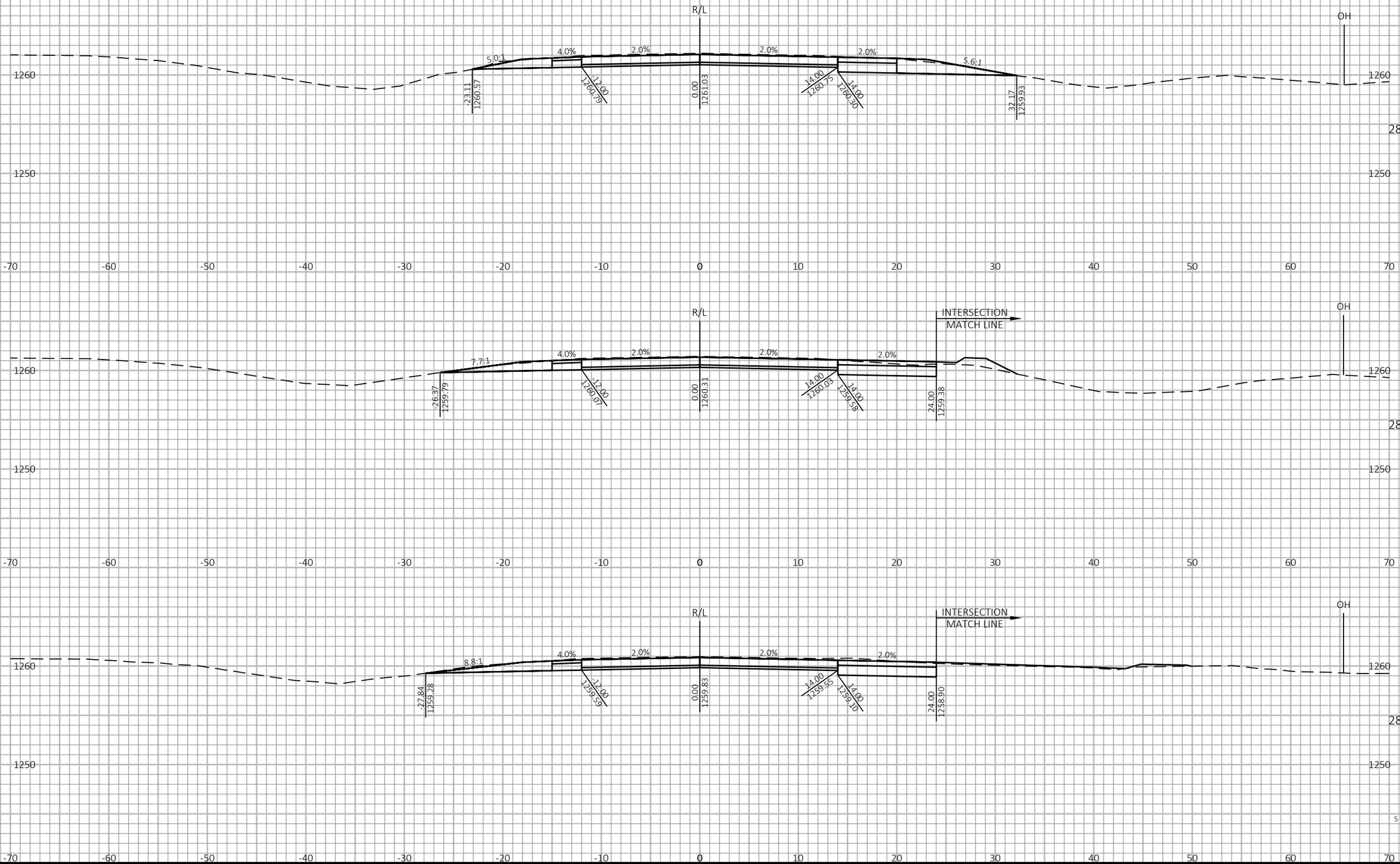
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 496	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 38

PLOT DATE : 10/7/2022 1:35 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

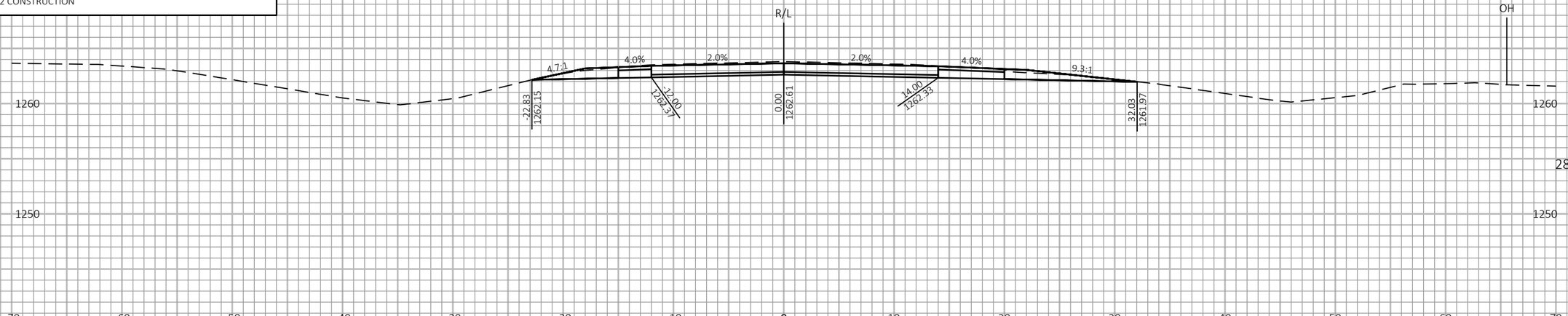
WISDOT/CADDS SHEET 49

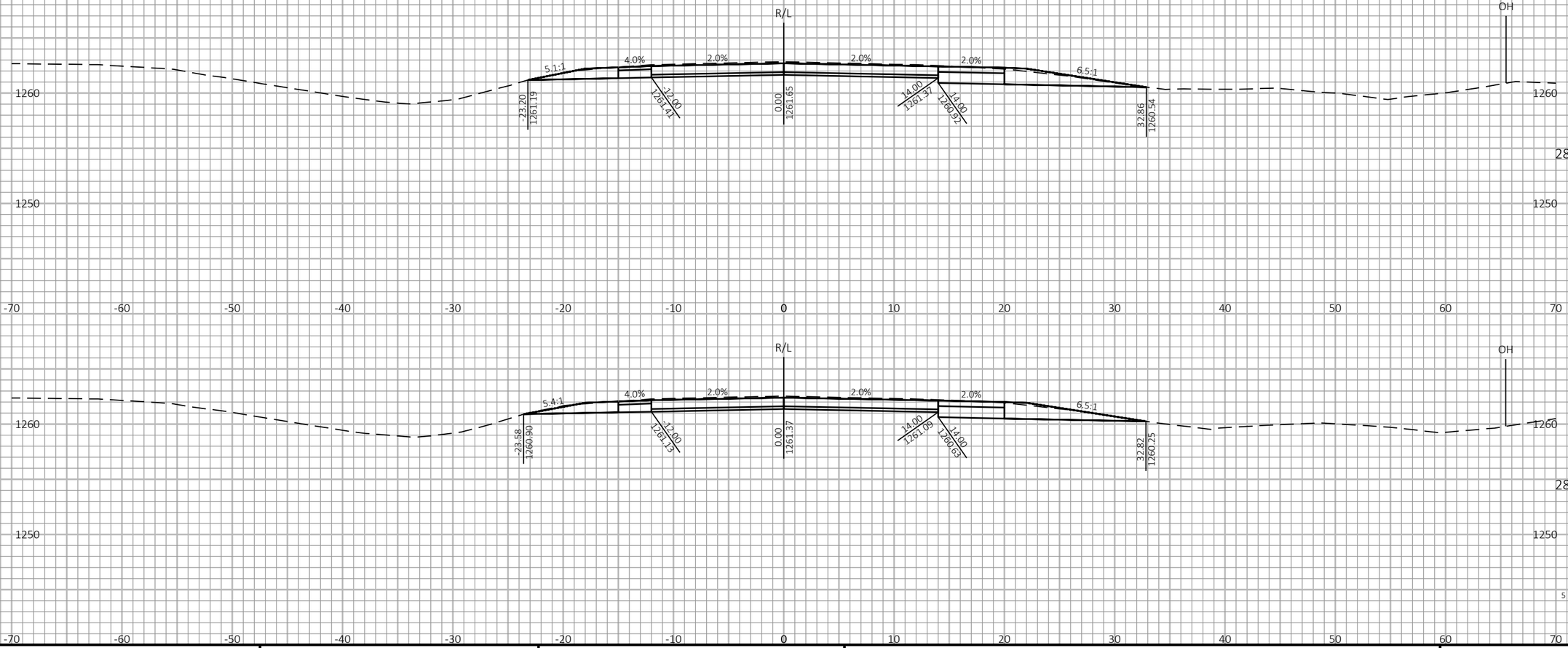
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 497	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090207-XS-S2.DWG
LAYOUT NAME - 39

PLOT DATE : 10/7/2022 1:36 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

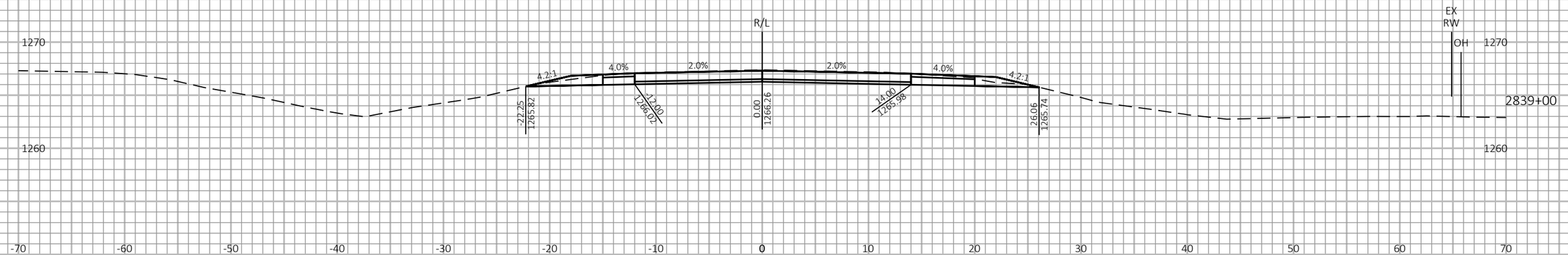
WISDOT/CADDS SHEET 49

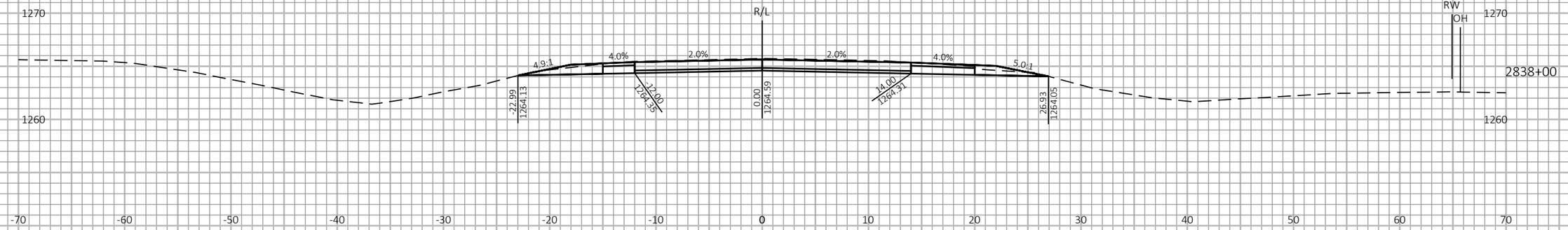
LEGEND

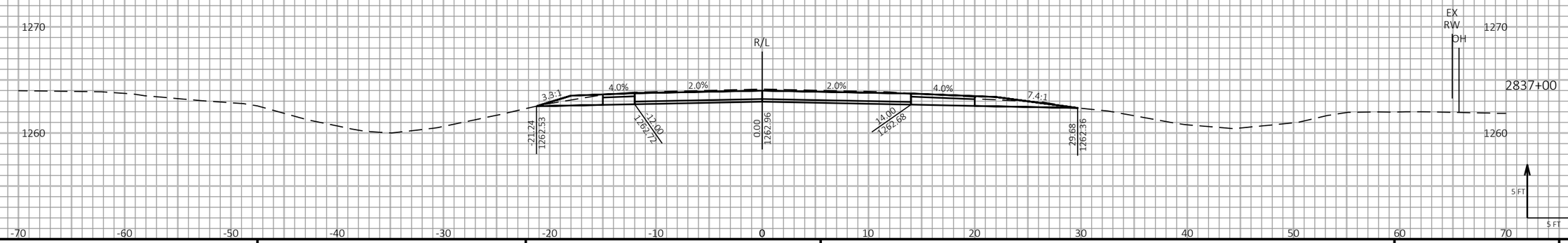
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 498	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 1/27/2022 8:58 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

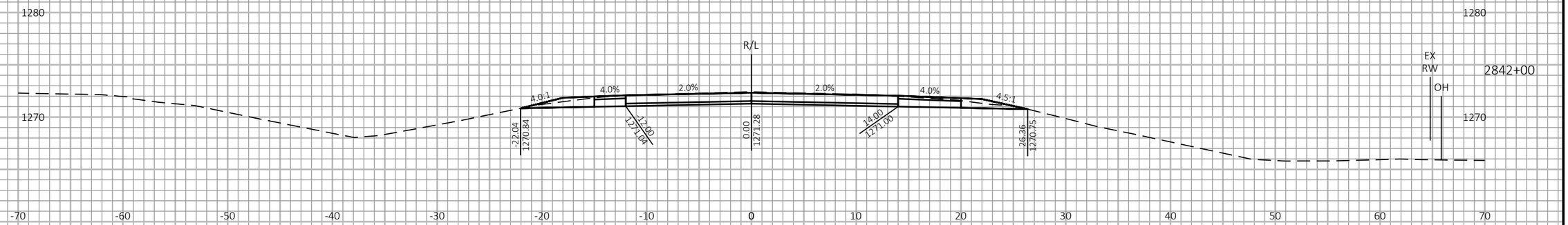
WISDOT/CADDS SHEET 49

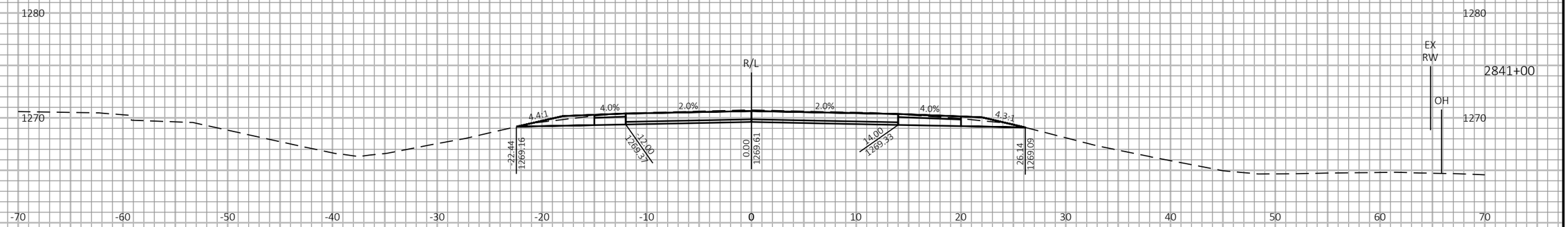
LEGEND

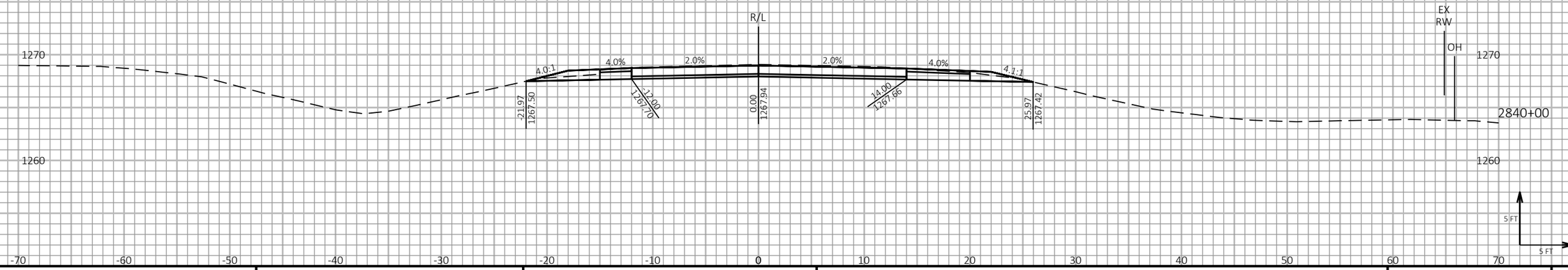
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 499	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 1/27/2022 8:58 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

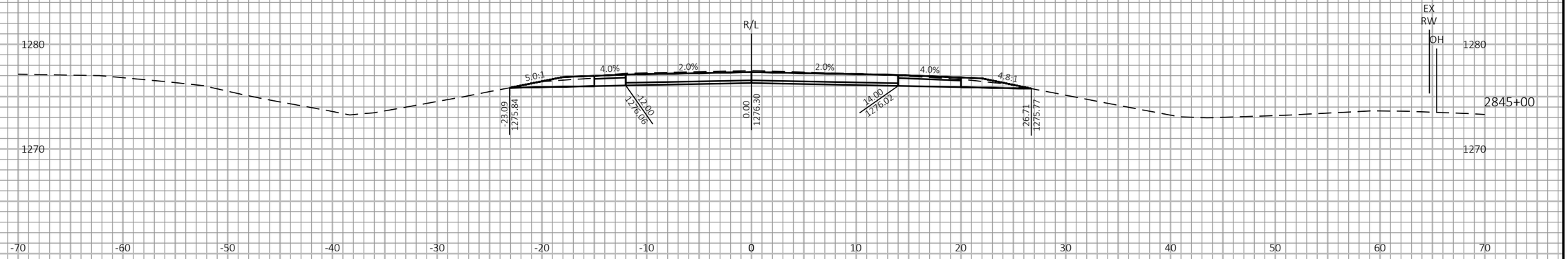
WISDOT/CADDS SHEET 49

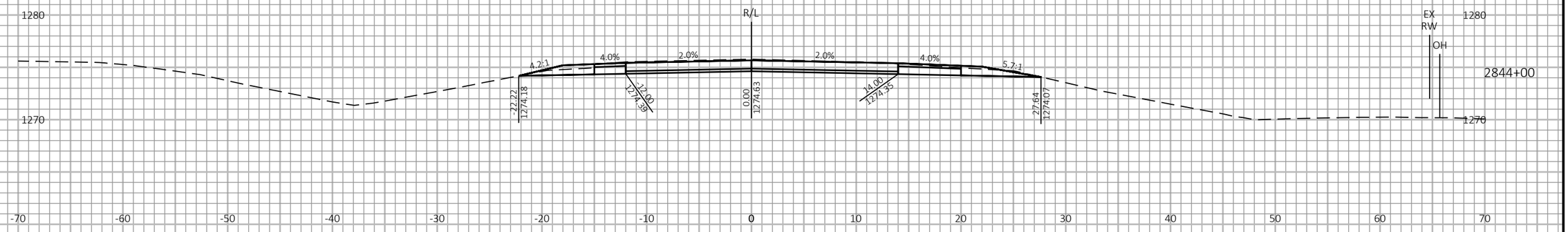
LEGEND

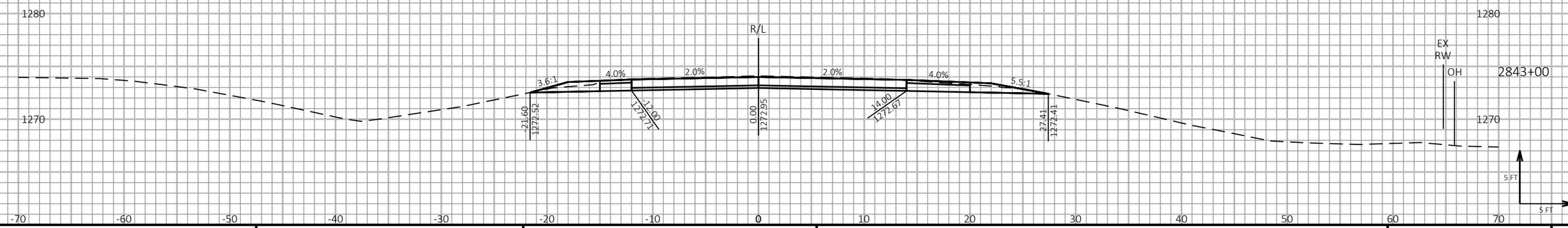
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 500	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 1/27/2022 8:58 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

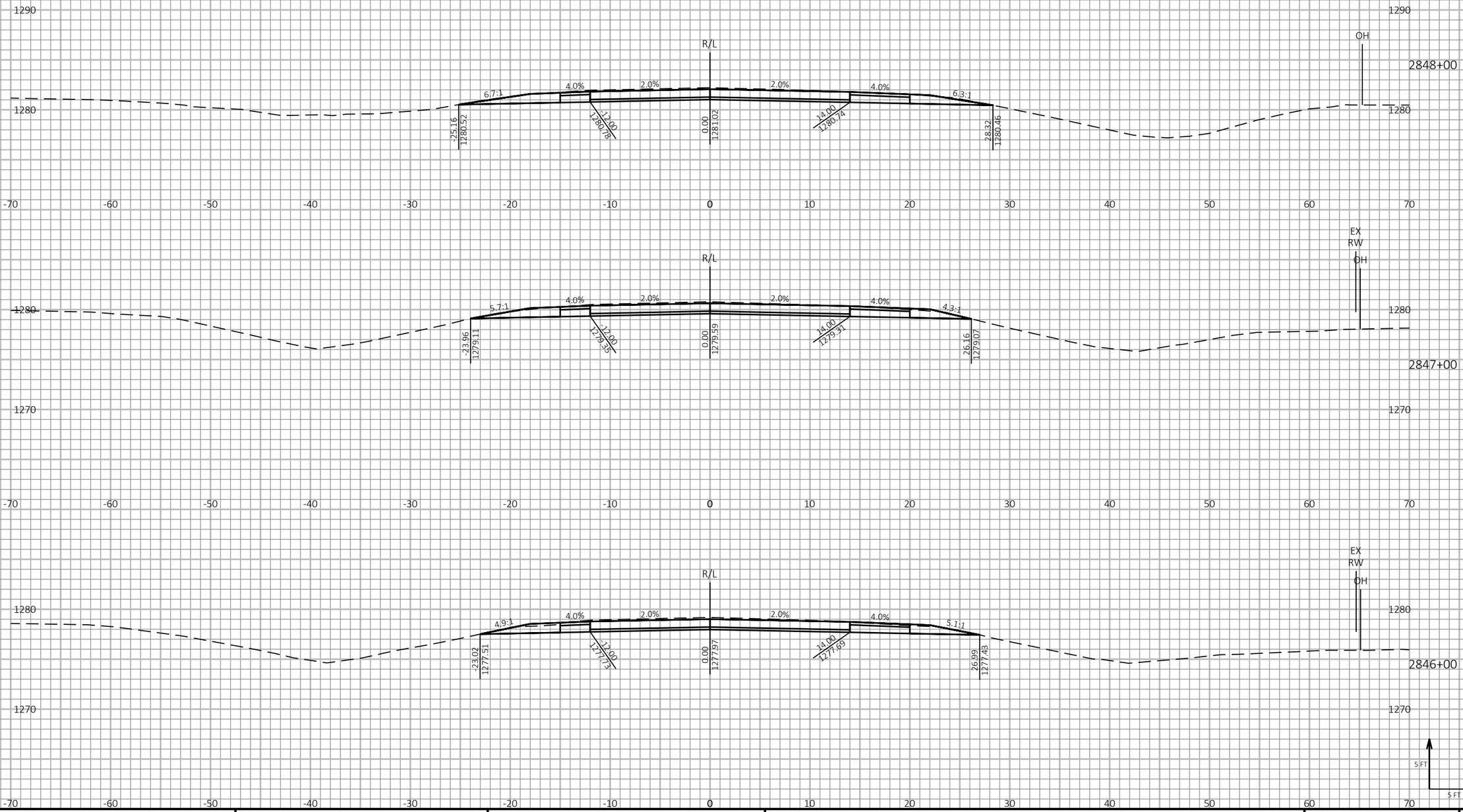
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 501	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 1/27/2022 8:59 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

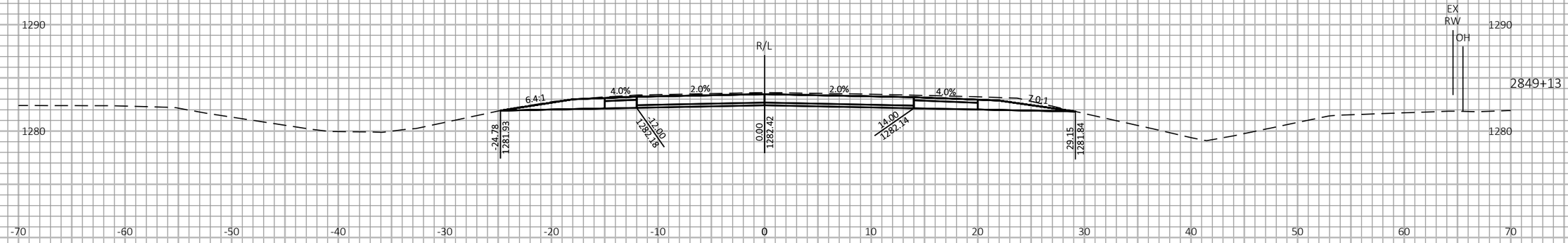
WISDOT/CADDS SHEET 49

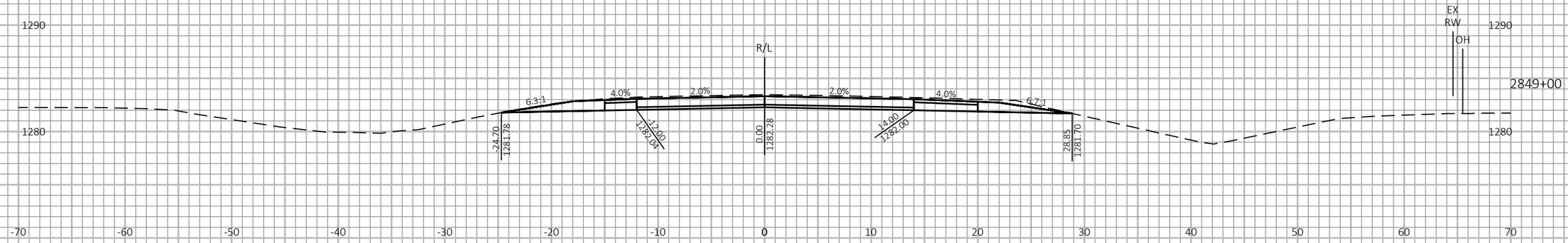
LEGEND

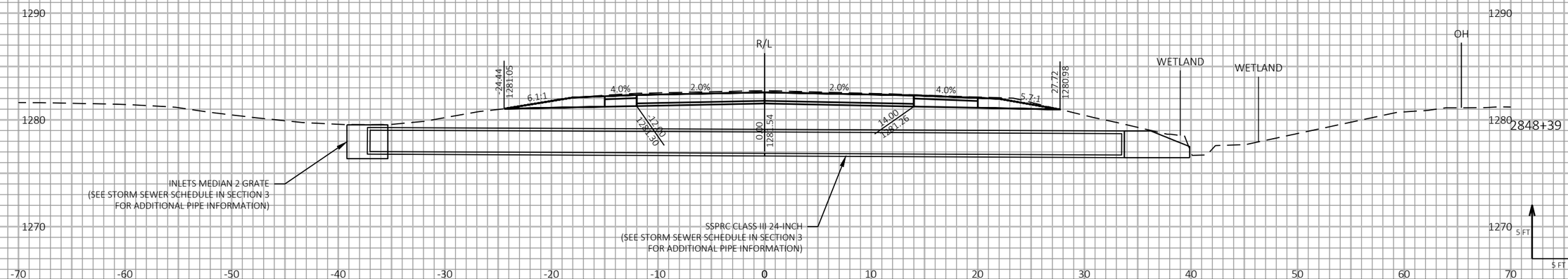
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 502	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 1/27/2022 8:59 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

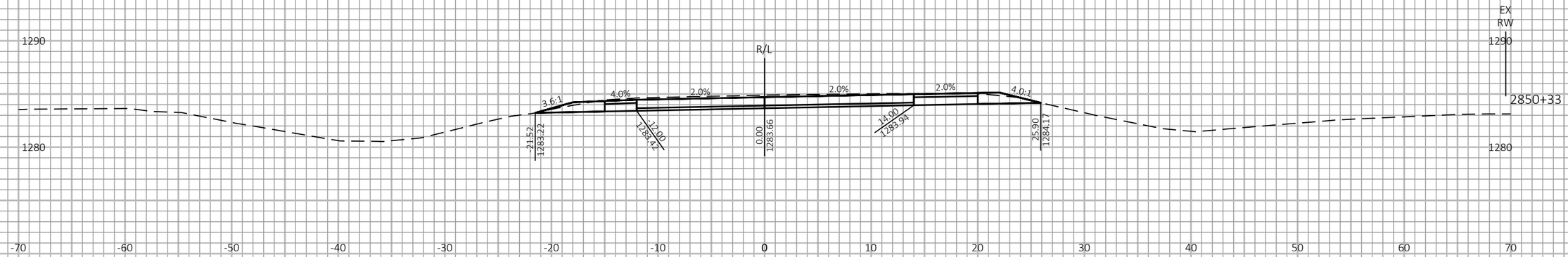
WISDOT/CADDS SHEET 49

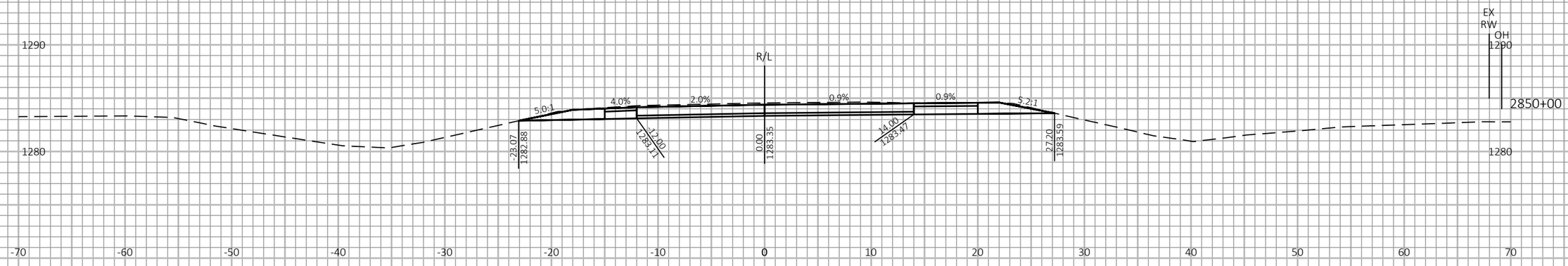
LEGEND

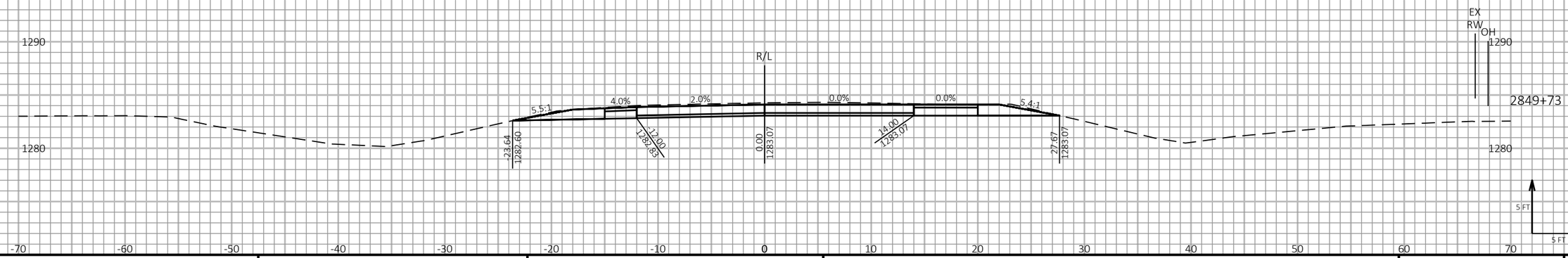
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 503	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 1/27/2022 8:59 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

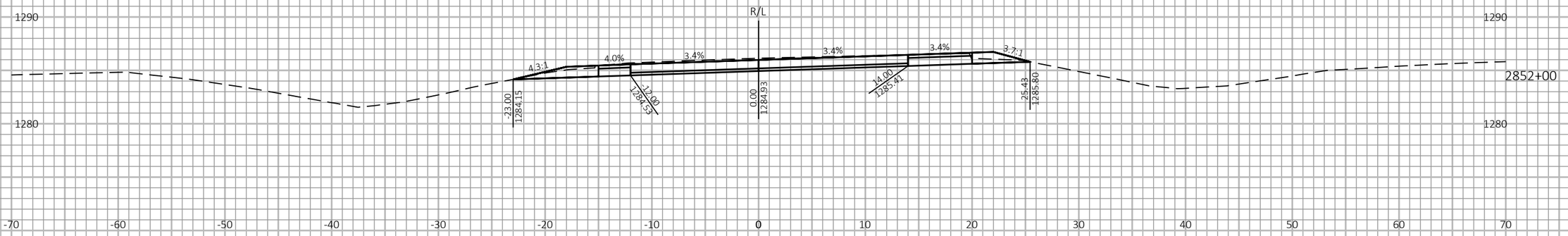
WISDOT/CADDS SHEET 49

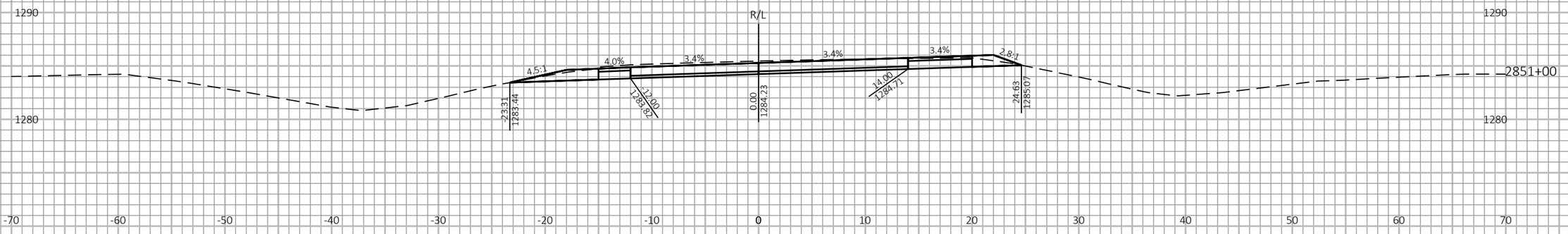
LEGEND

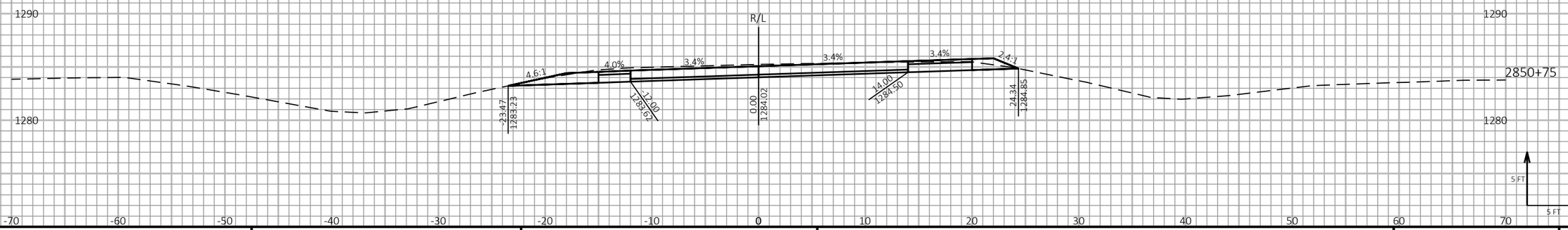
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 504	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 1/27/2022 8:59 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

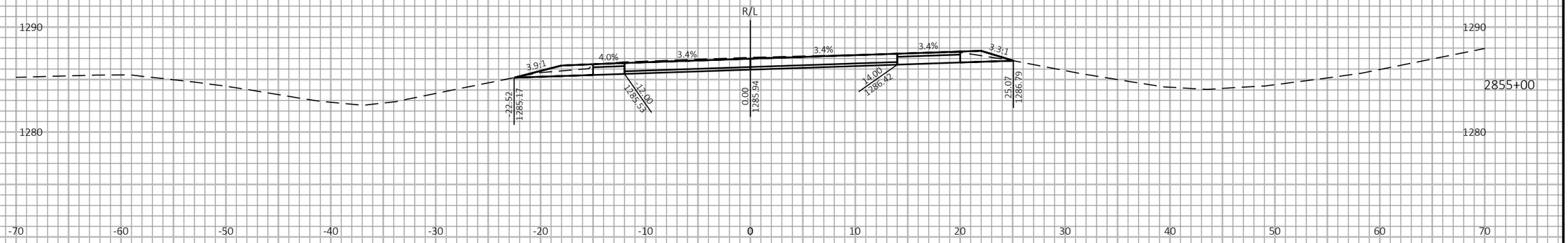
WISDOT/CADDS SHEET 49

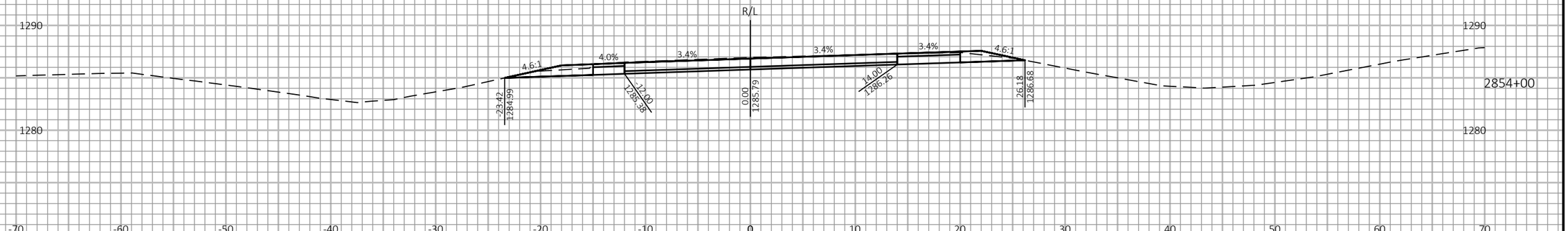
LEGEND

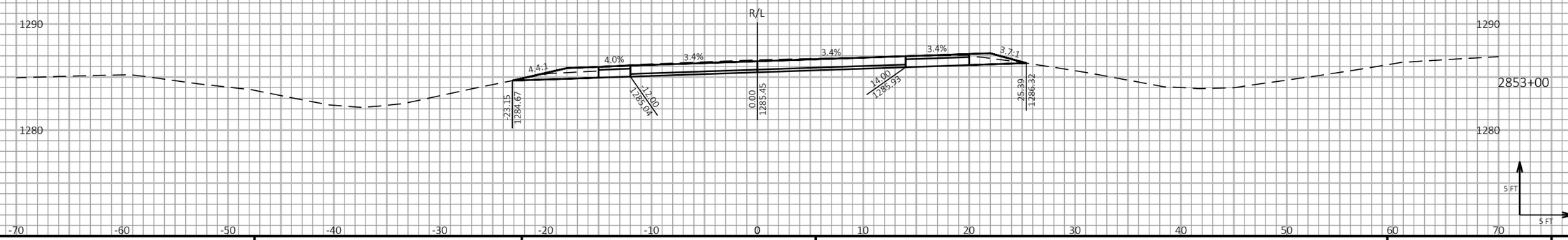
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 505	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 1/27/2022 8:59 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

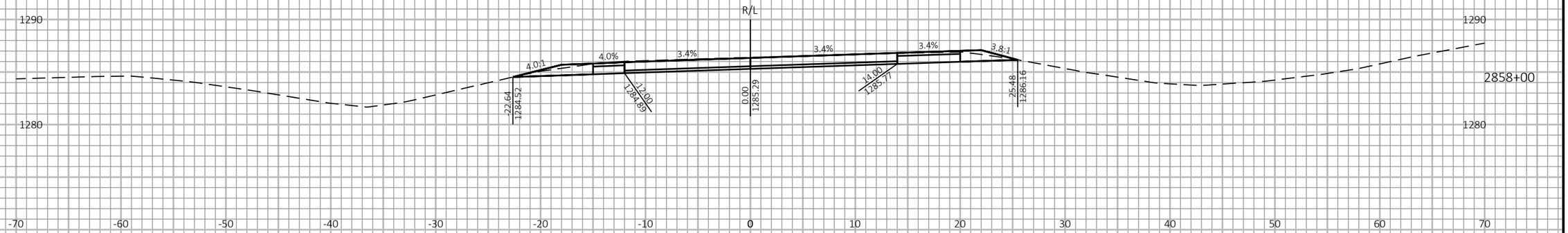
WISDOT/CADDS SHEET 49

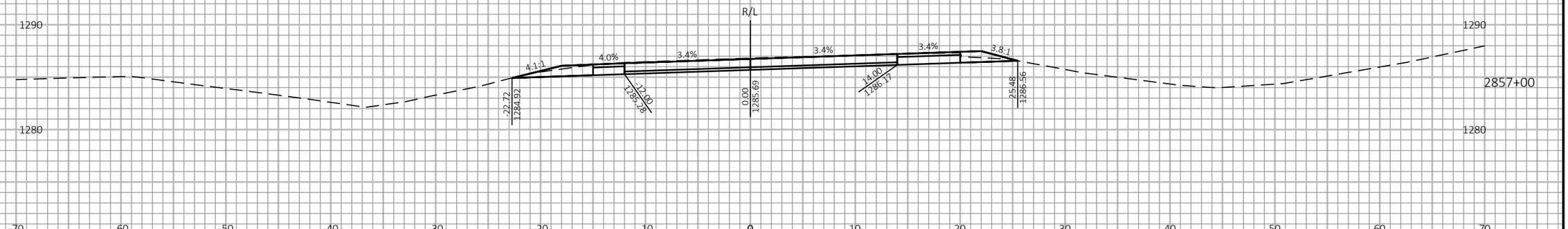
LEGEND

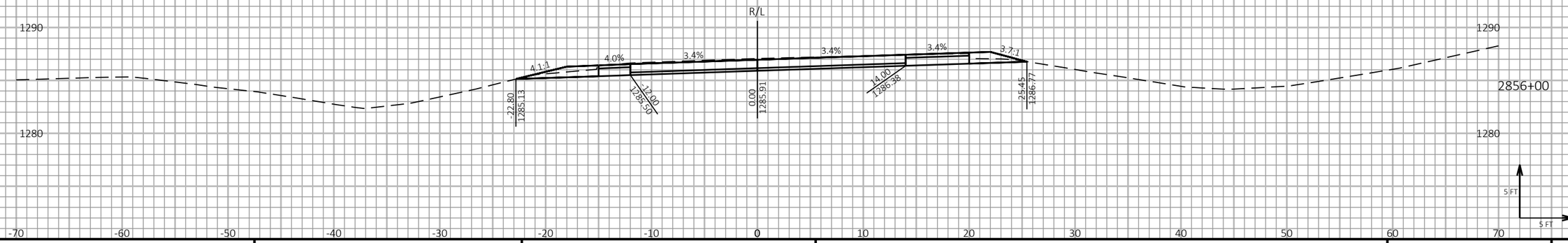
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 506	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 1/27/2022 8:59 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

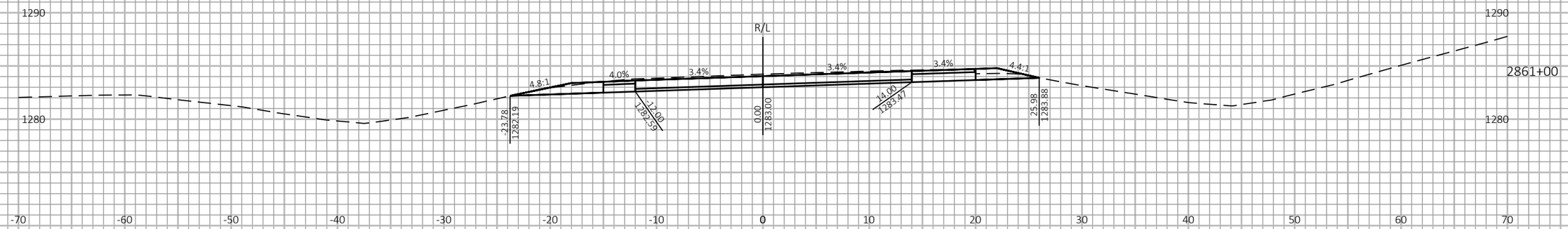
WISDOT/CADDS SHEET 49

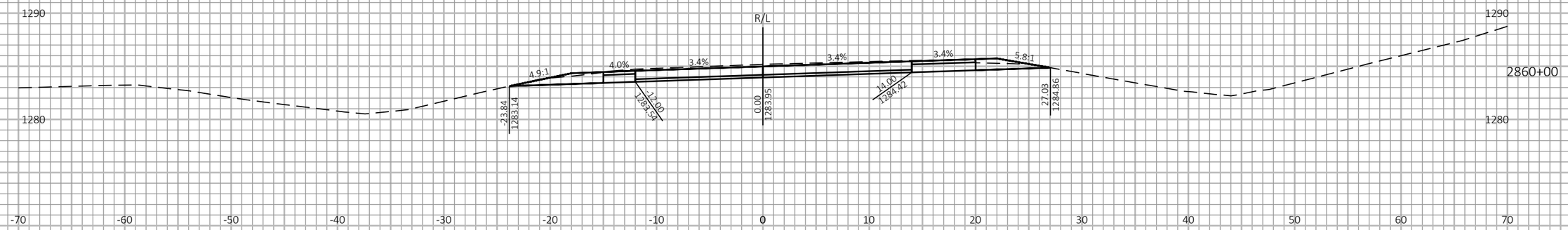
LEGEND

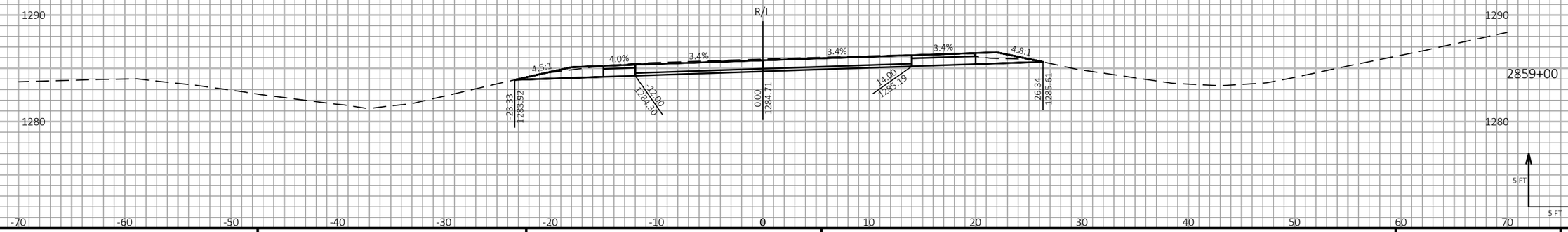
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 507	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 10

PLOT DATE : 1/27/2022 8:59 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

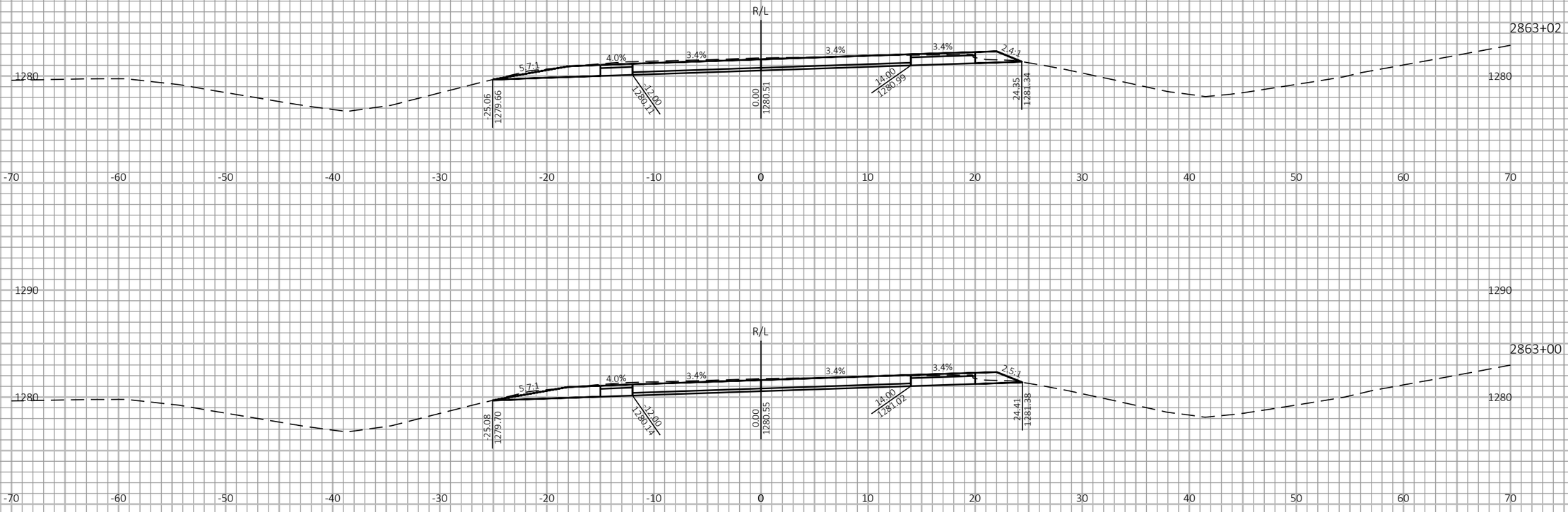
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 508	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 11

PLOT DATE : 1/27/2022 8:59 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

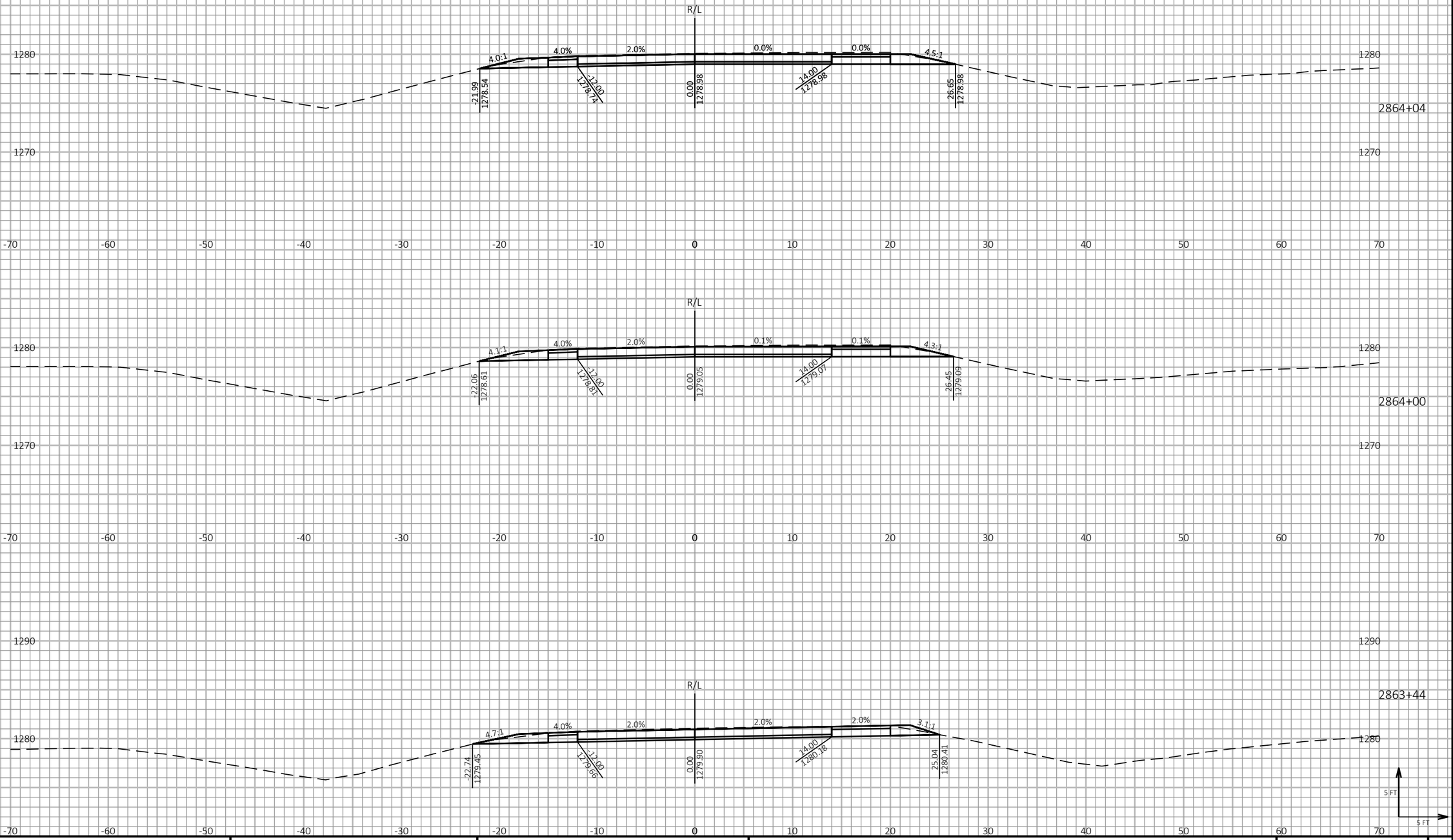
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 509	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 12

PLOT DATE : 1/27/2022 8:59 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

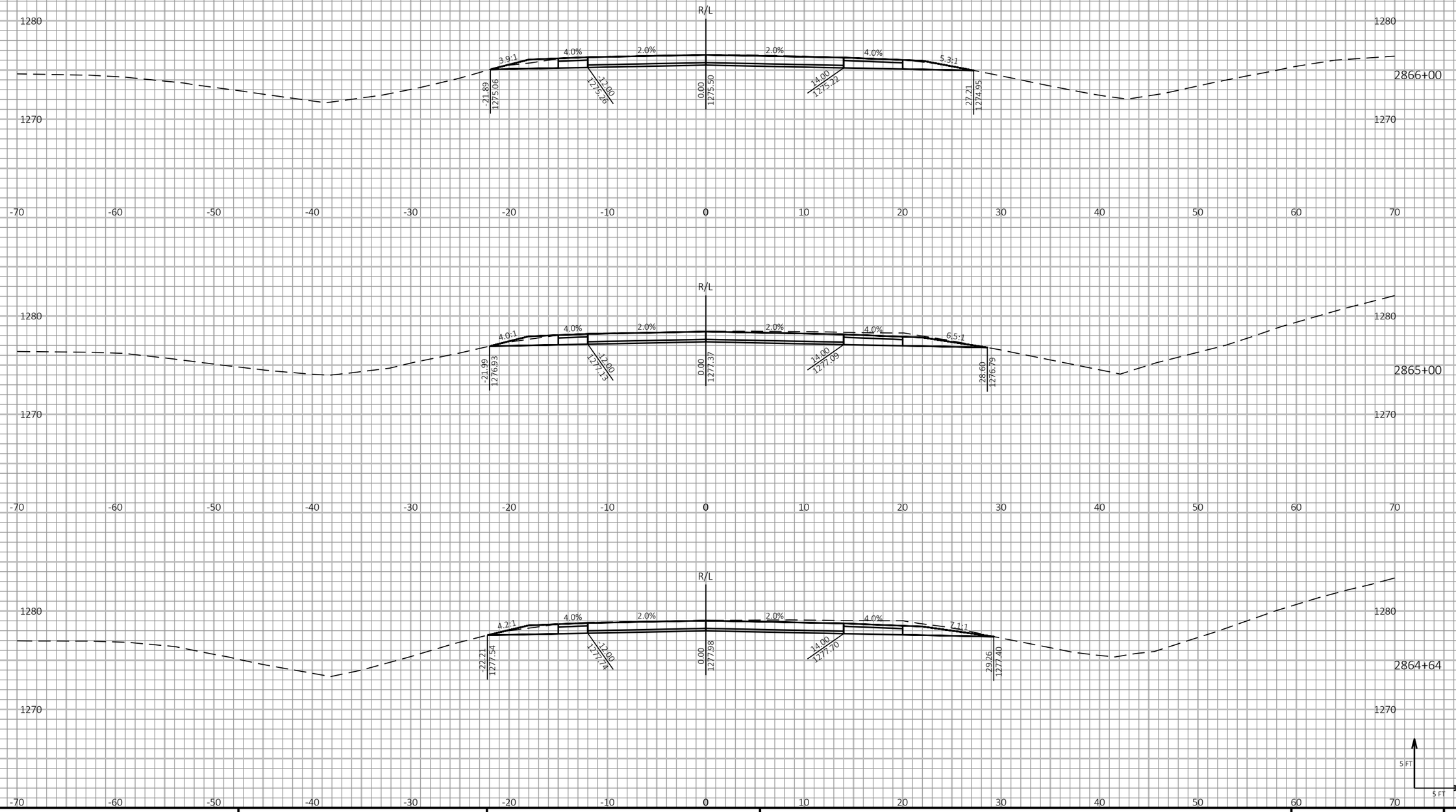
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 510	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 13

PLOT DATE : 1/27/2022 8:59 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

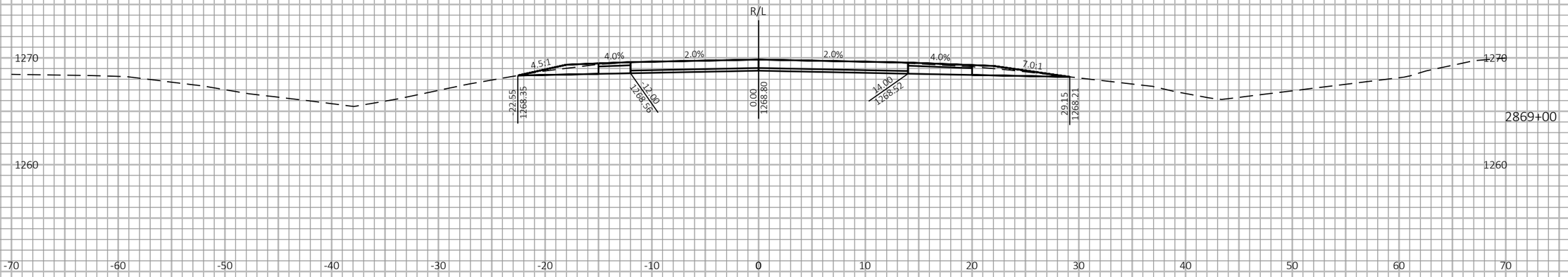
WISDOT/CADDS SHEET 49

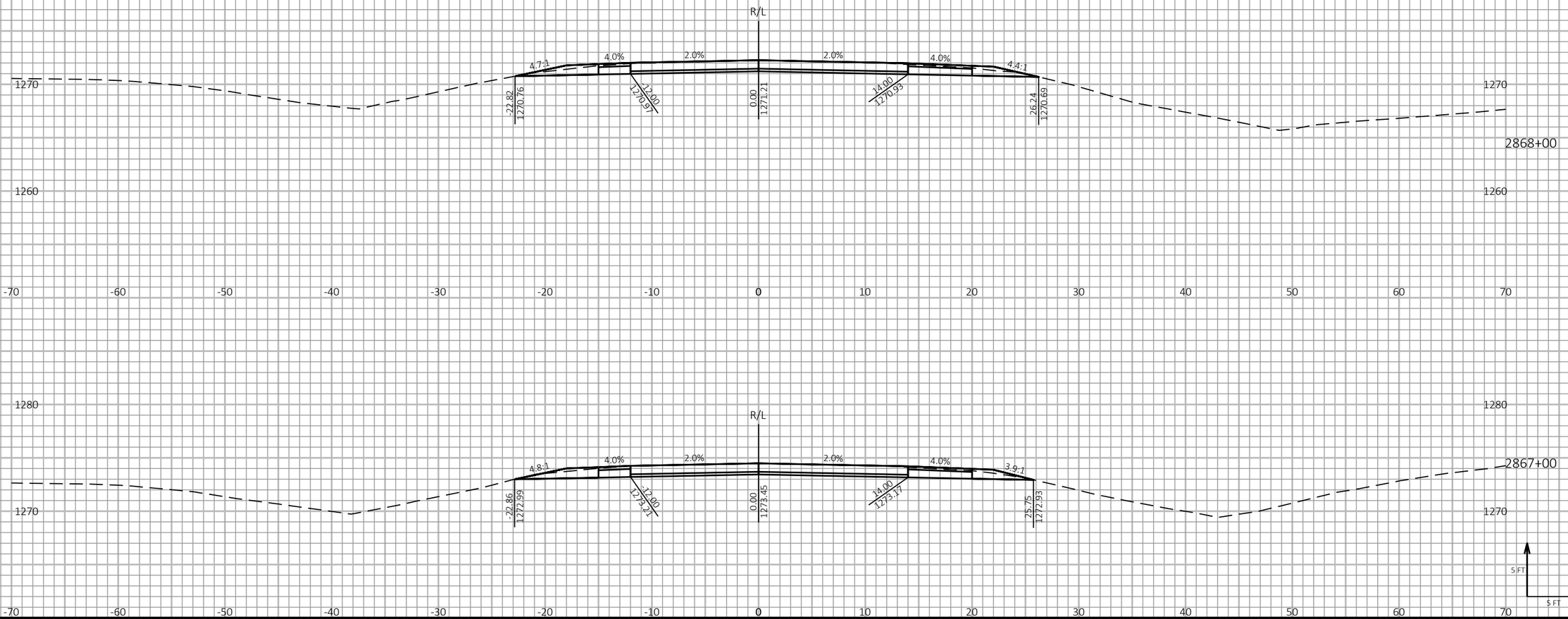
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 511	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 14

PLOT DATE : 1/27/2022 8:59 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

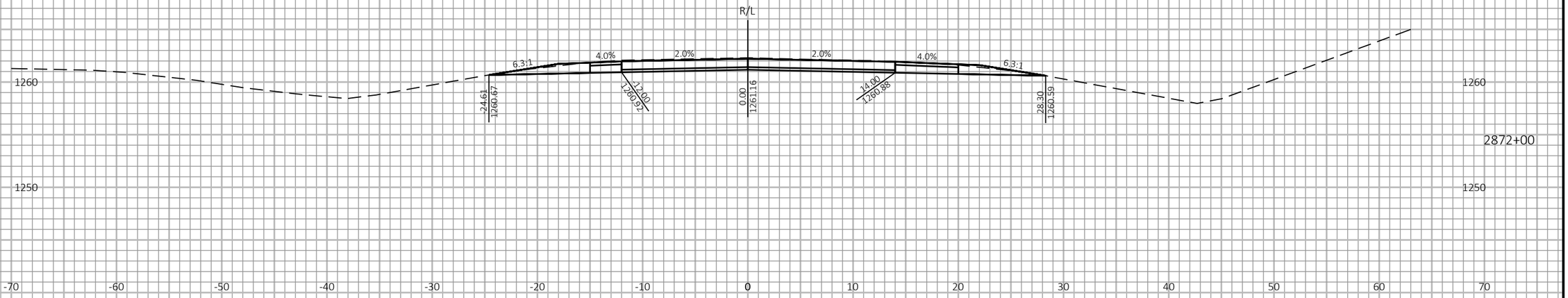
WISDOT/CADDS SHEET 49

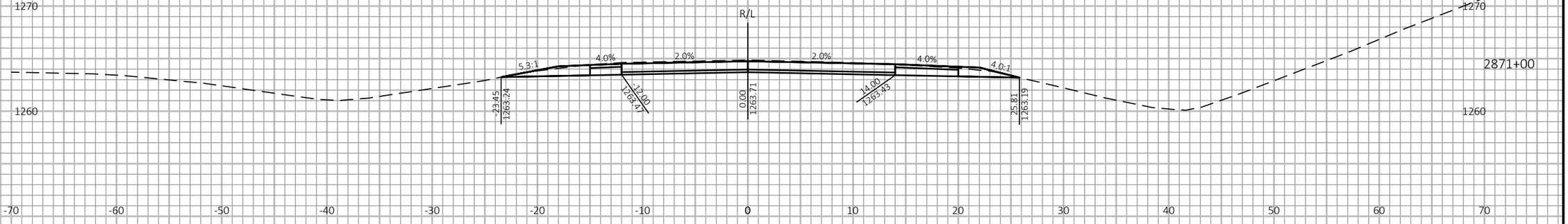
LEGEND

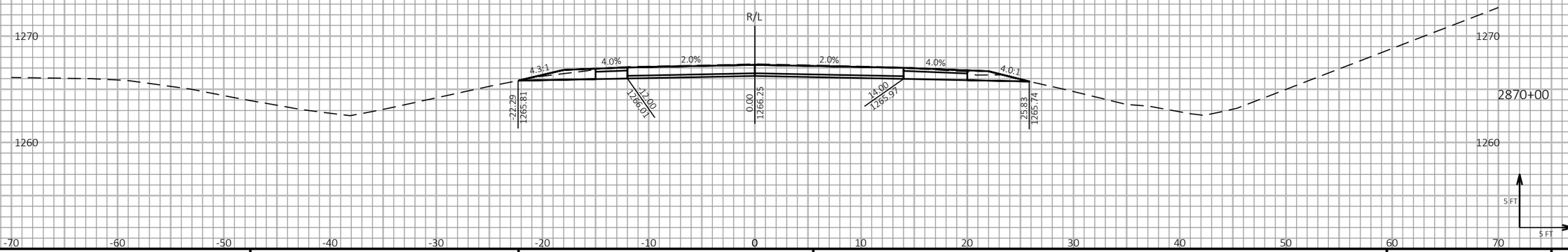
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 512	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 15

PLOT DATE : 1/27/2022 8:59 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

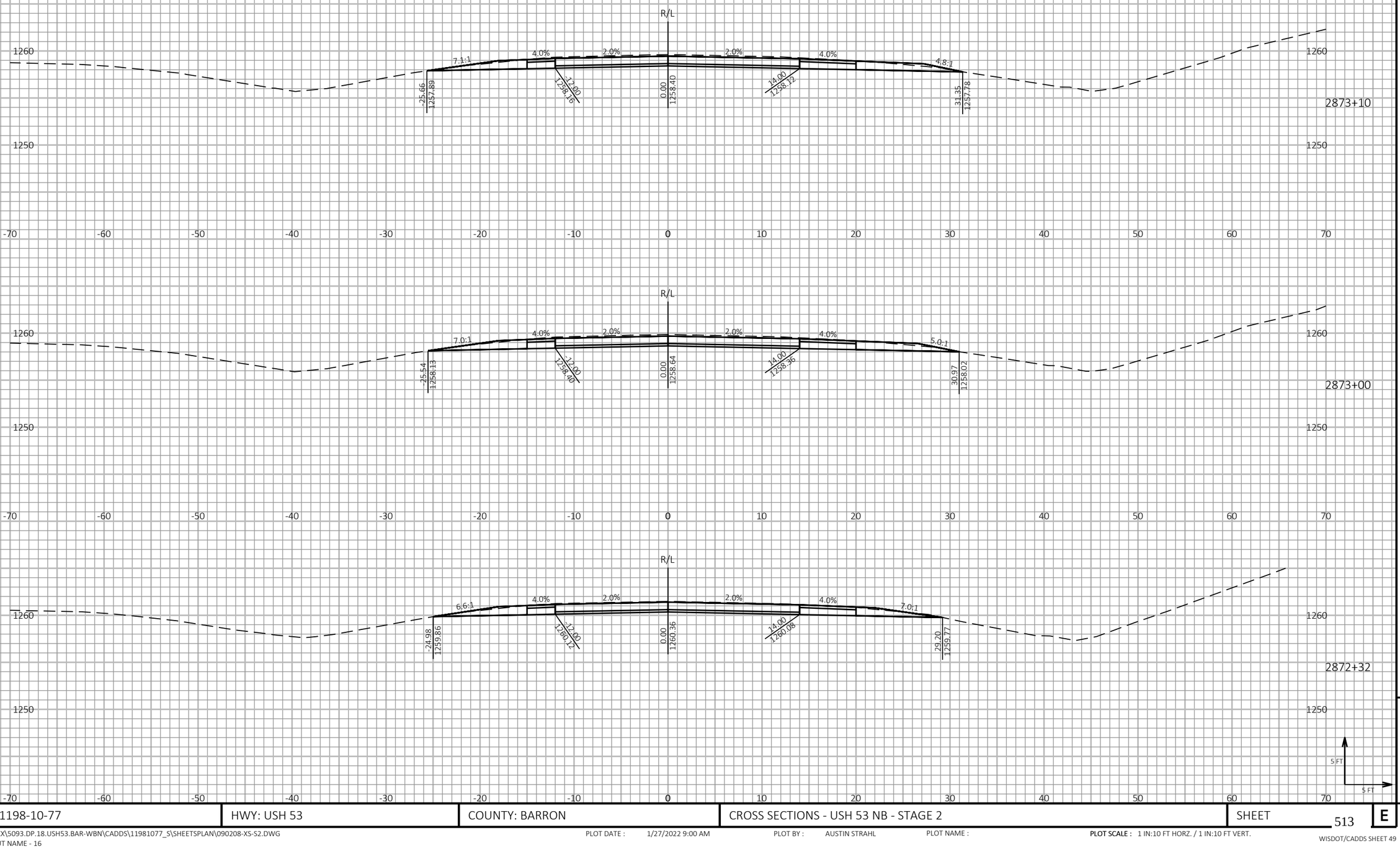
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 513	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 16

PLOT DATE : 1/27/2022 9:00 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

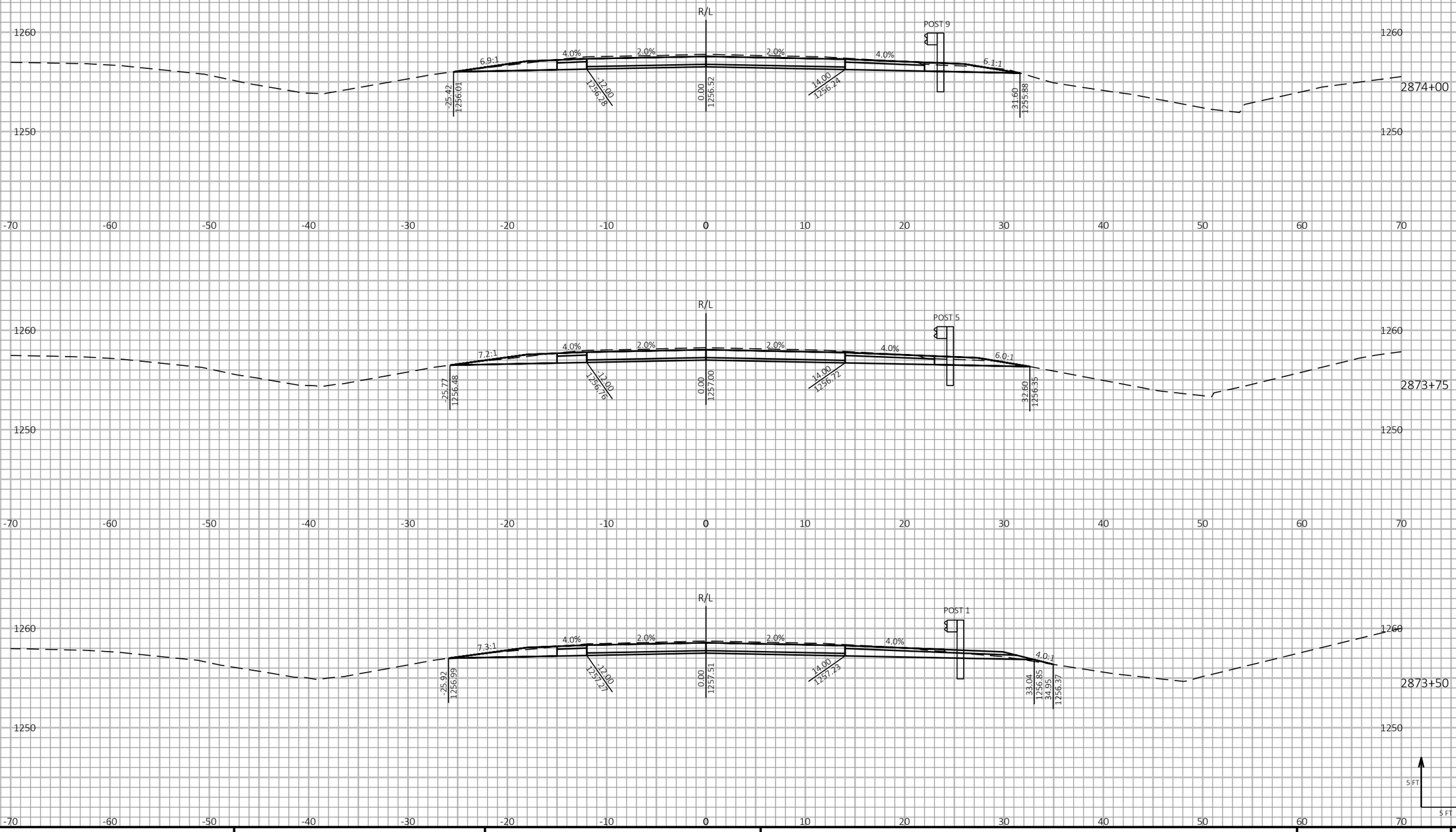
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 514	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 17

PLOT DATE : 1/27/2022 9:00 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

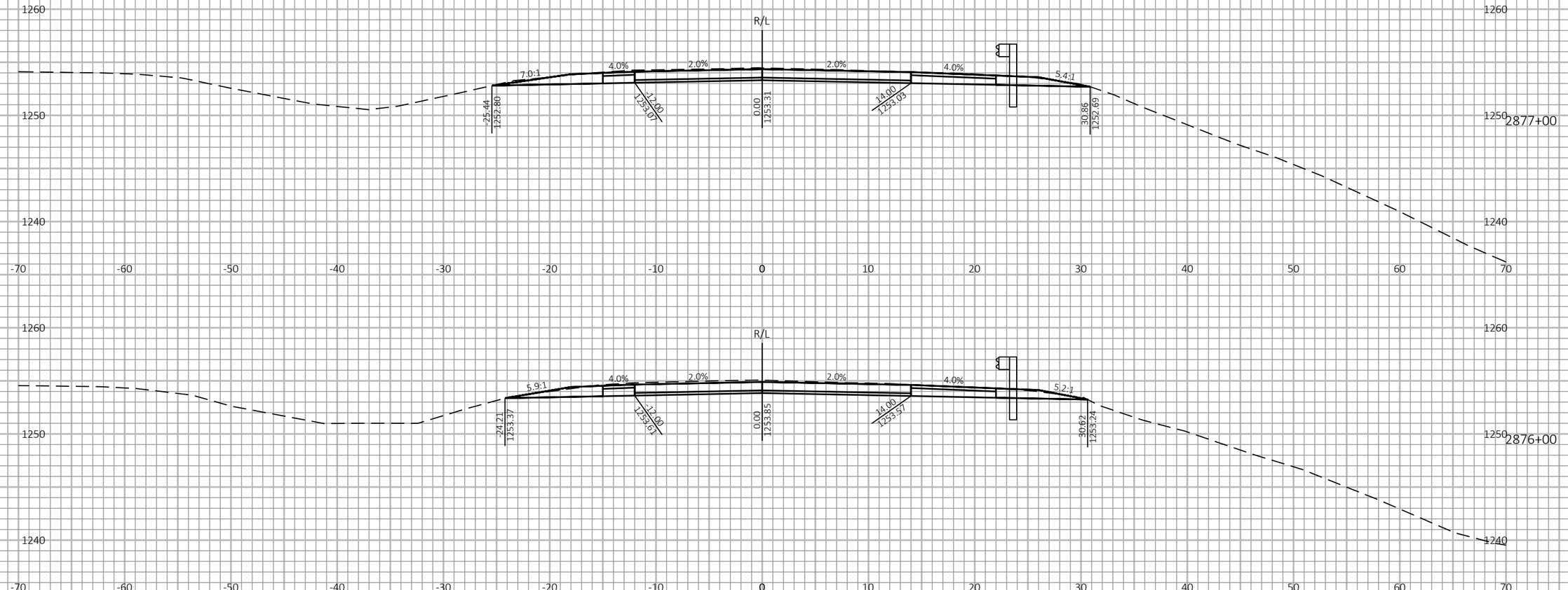
WISDOT/CADDS SHEET 49

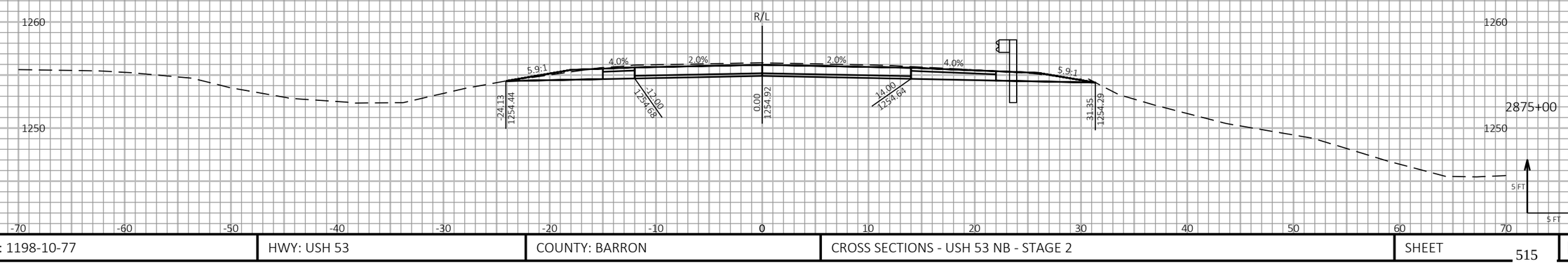
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 515	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 18

PLOT DATE : 1/27/2022 9:00 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

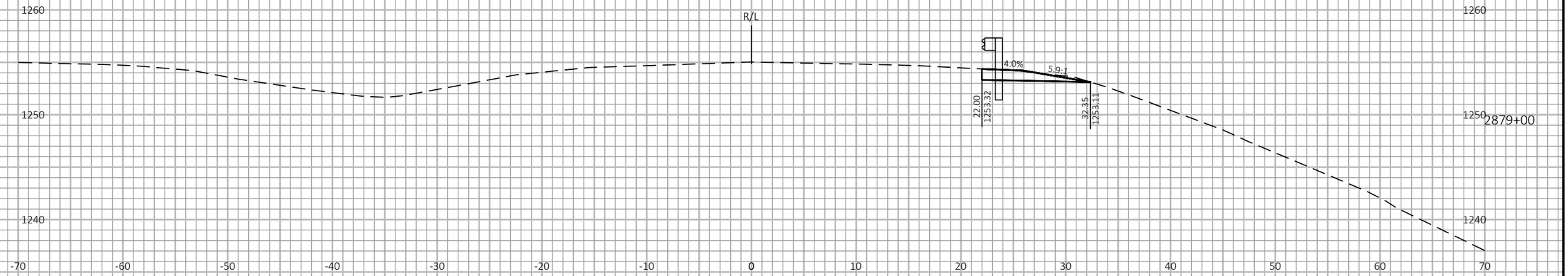
WISDOT/CADDS SHEET 49

LEGEND

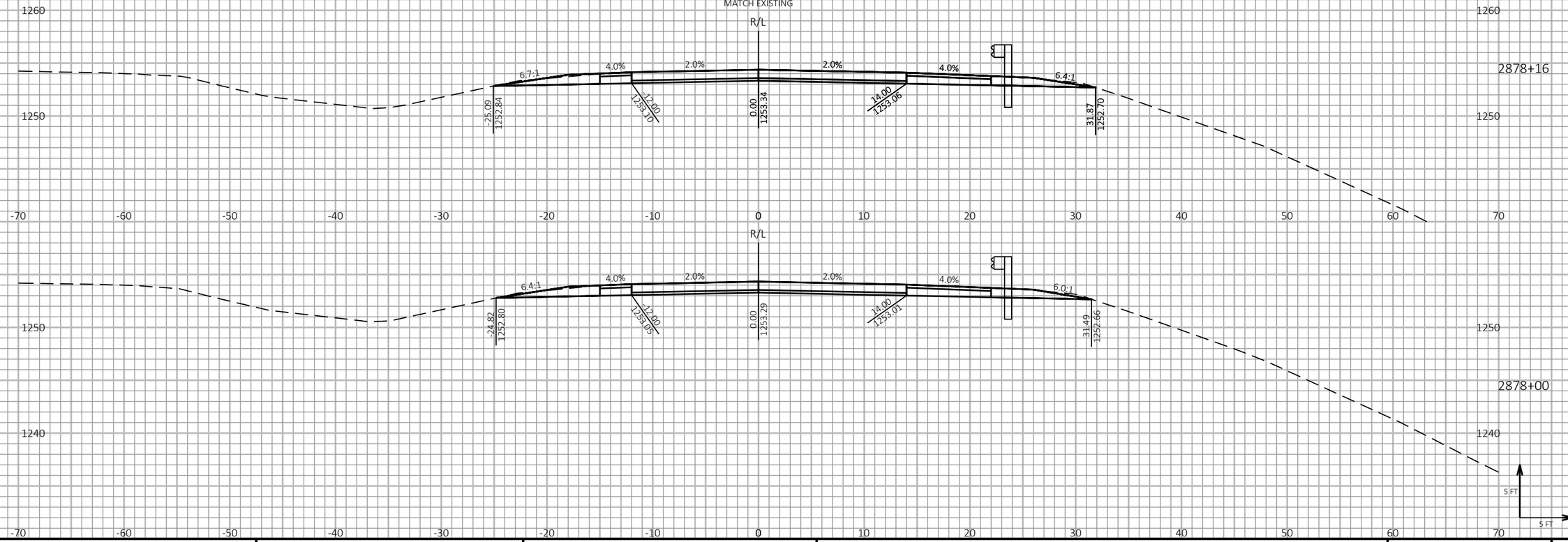
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



END CONSTRUCTION MAINLINE
MATCH EXISTING



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 516	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 19

PLOT DATE : 1/27/2022 9:00 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

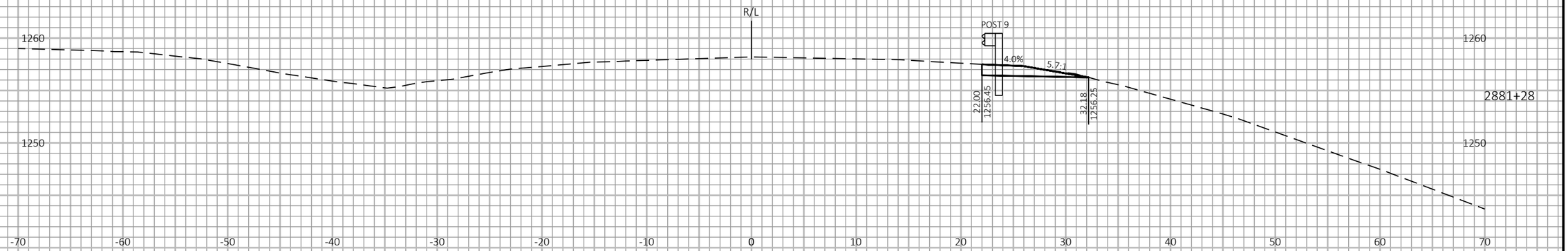
WISDOT/CADDS SHEET 49

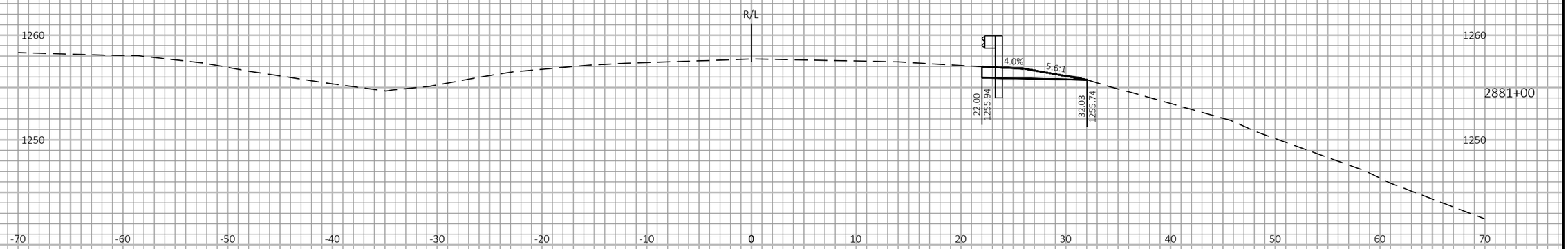
LEGEND

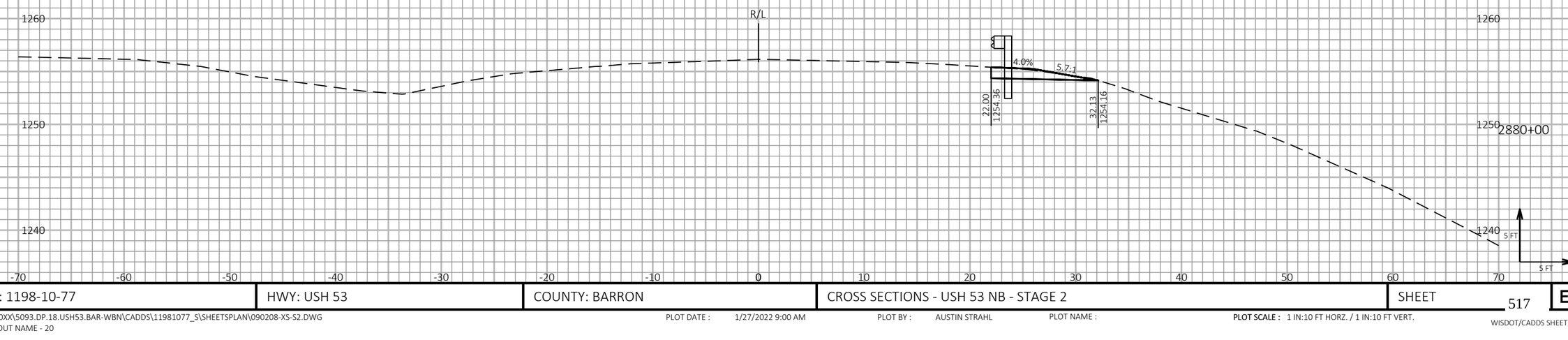
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 517	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 20

PLOT DATE : 1/27/2022 9:00 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

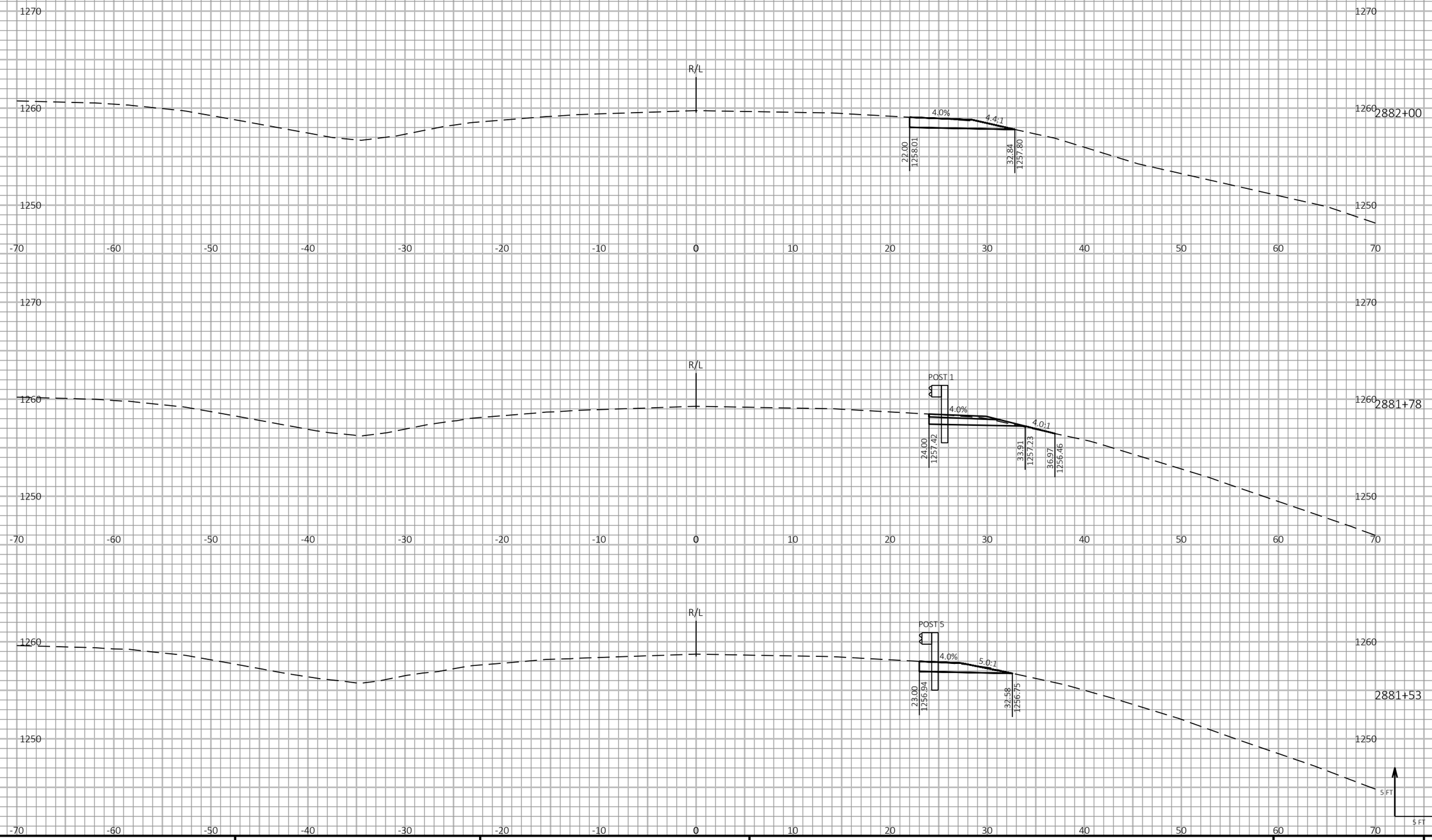
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 518	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 21

PLOT DATE : 1/27/2022 9:00 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

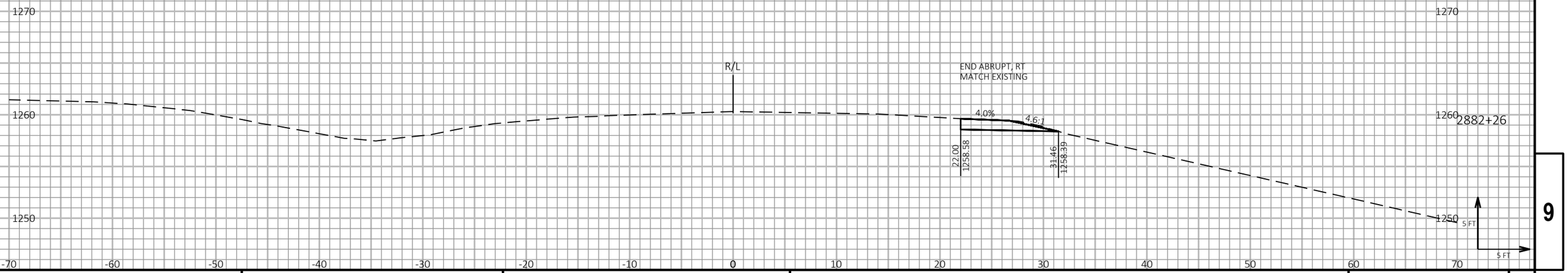
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 519	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090208-XS-S2.DWG
LAYOUT NAME - 22

PLOT DATE : 1/27/2022 9:00 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

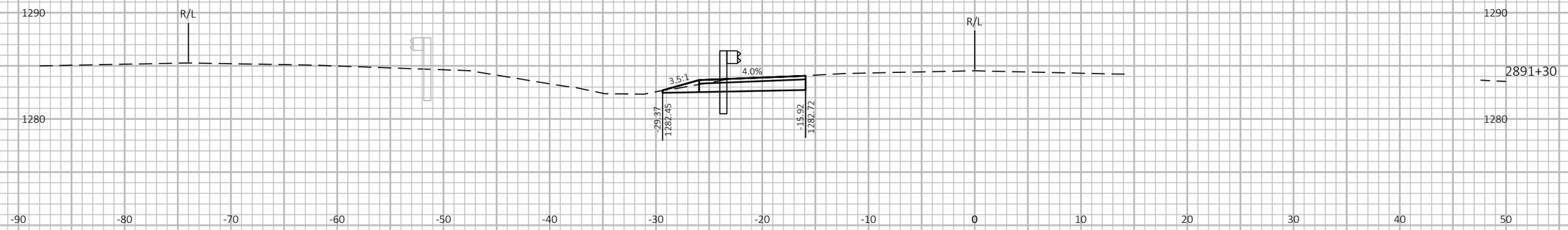
WISDOT/CADDS SHEET 49

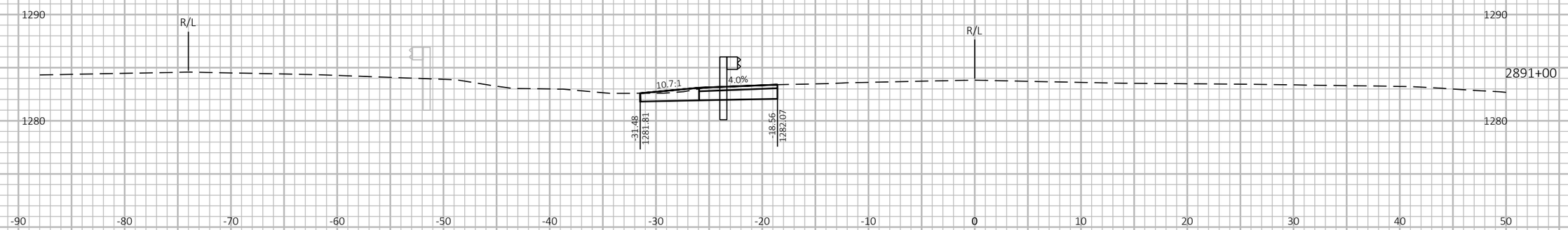
LEGEND

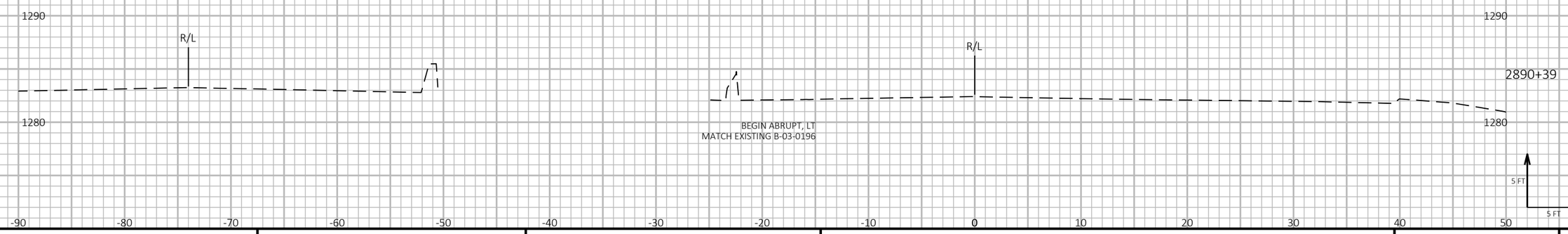
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2 - TEMP GUARDRAIL - CTH V	SHEET 520	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090209-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 1/27/2022 12:28 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

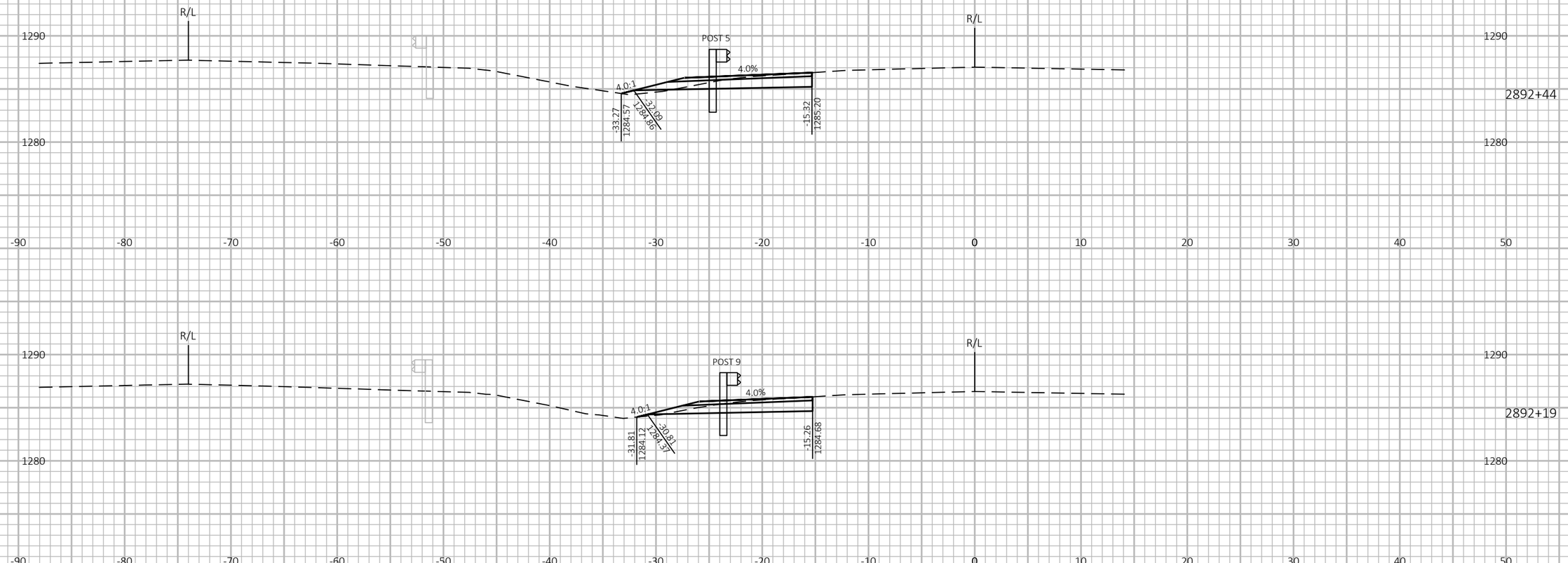
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2 - TEMP GUARDRAIL - CTH V	SHEET 521	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090209-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 1/27/2022 12:28 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

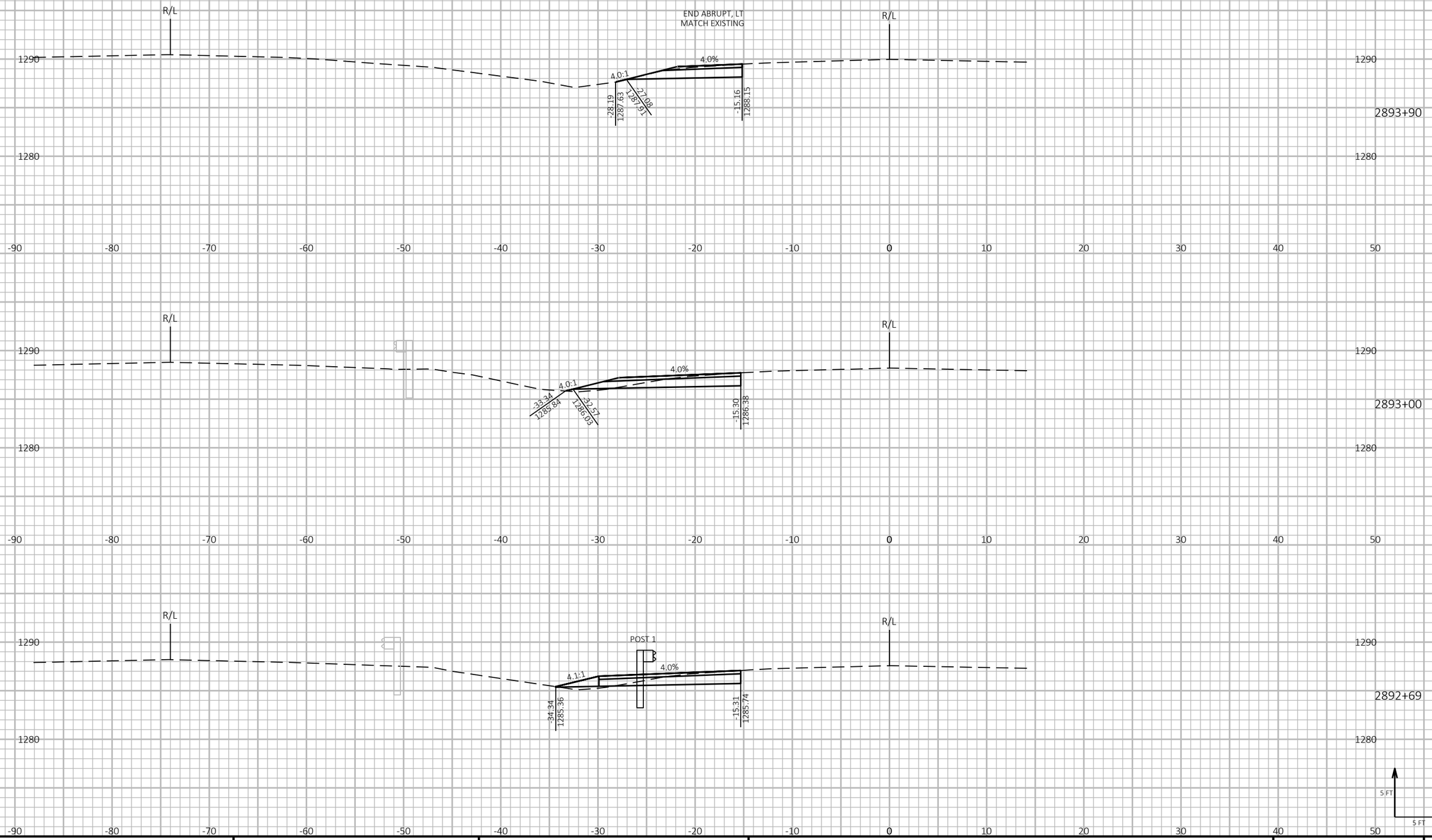
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2 - TEMP GUARDRAIL - CTH V	SHEET 522	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090209-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 1/27/2022 12:28 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

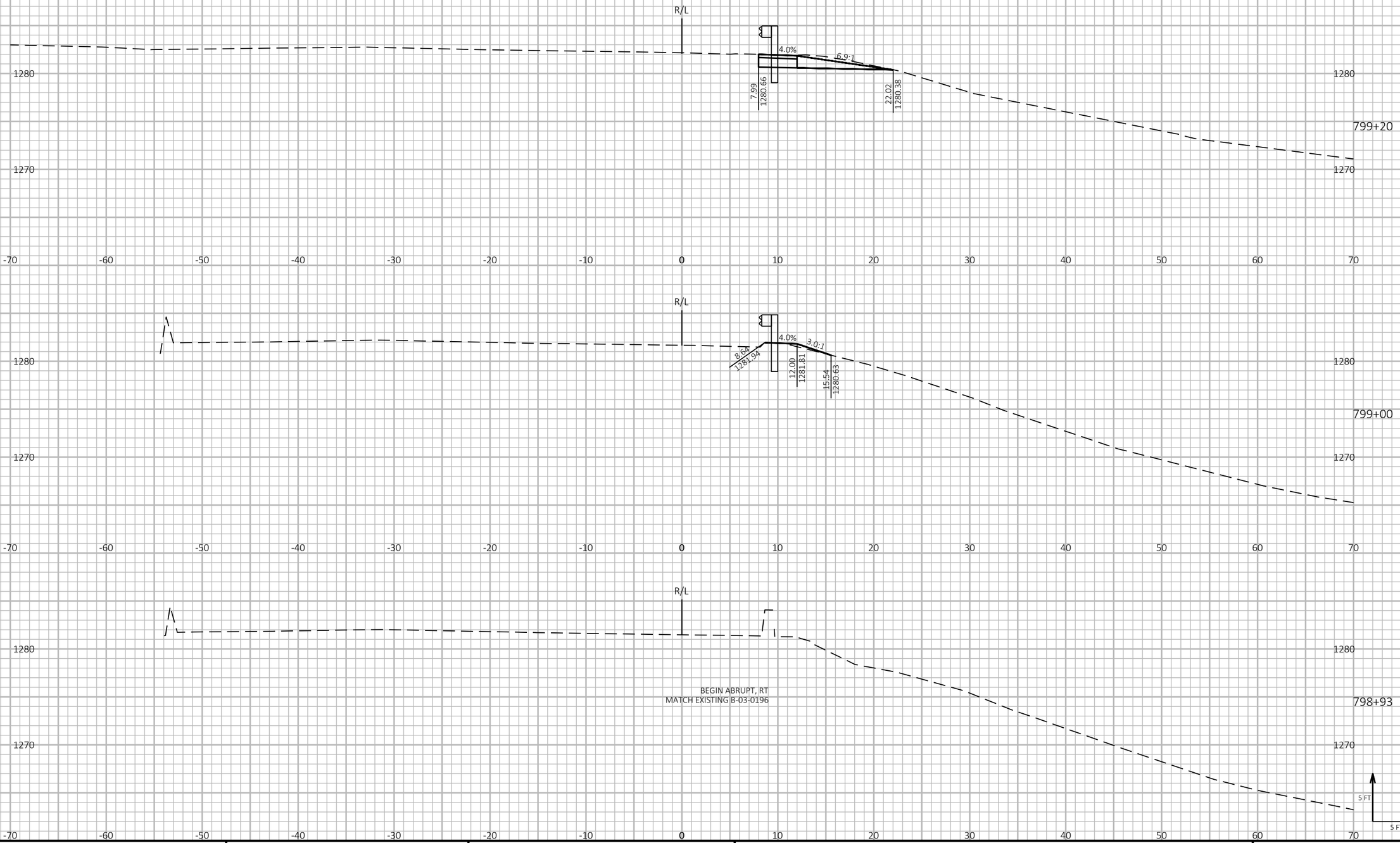
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 2 - TEMP GUARDRAIL - NB EXIT RAMP	SHEET 523	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090210-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 1/27/2022 12:30 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

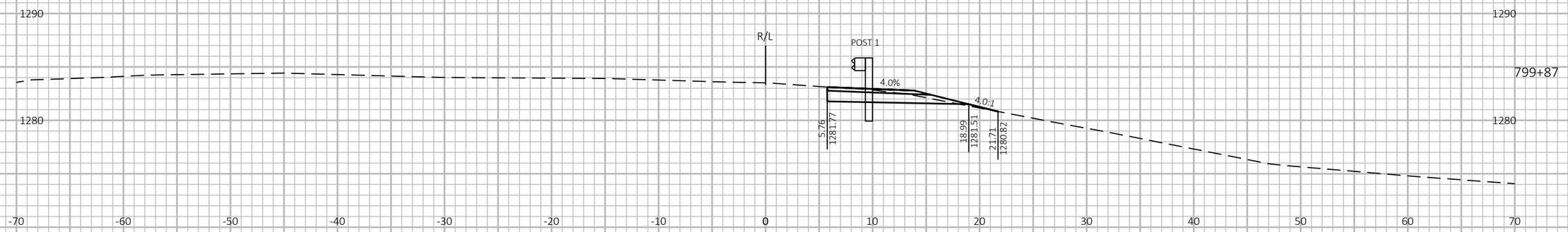
WISDOT/CADDS SHEET 49

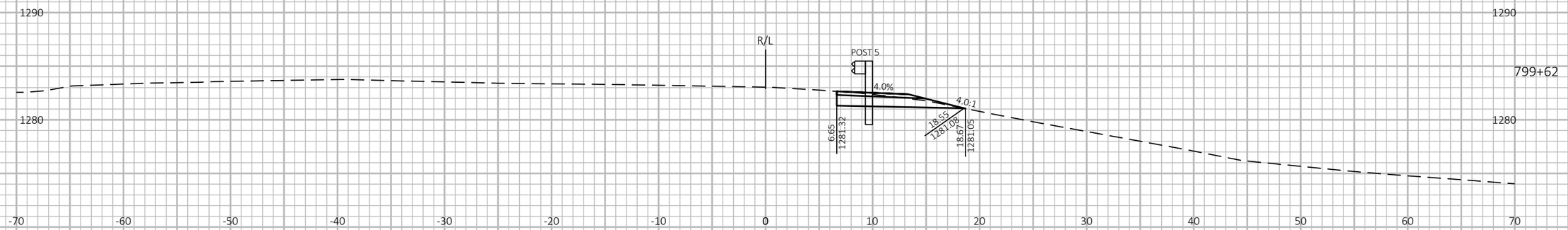
LEGEND

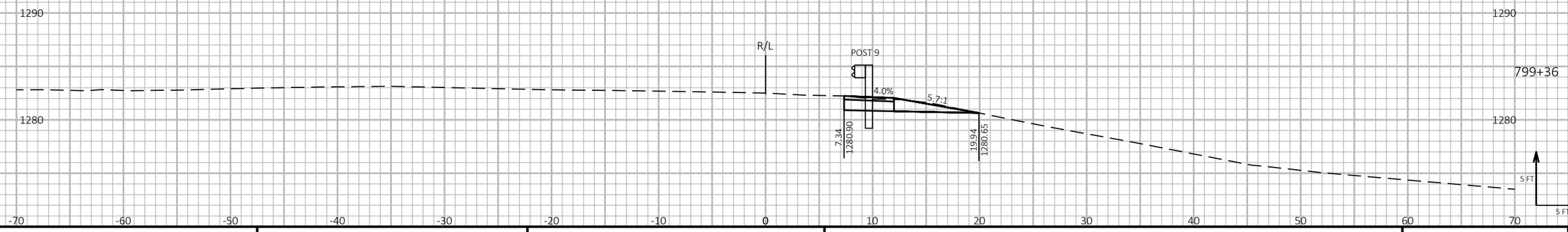
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 2 - TEMP GUARDRAIL - NB EXIT RAMP	SHEET 524	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090210-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 1/27/2022 12:30 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

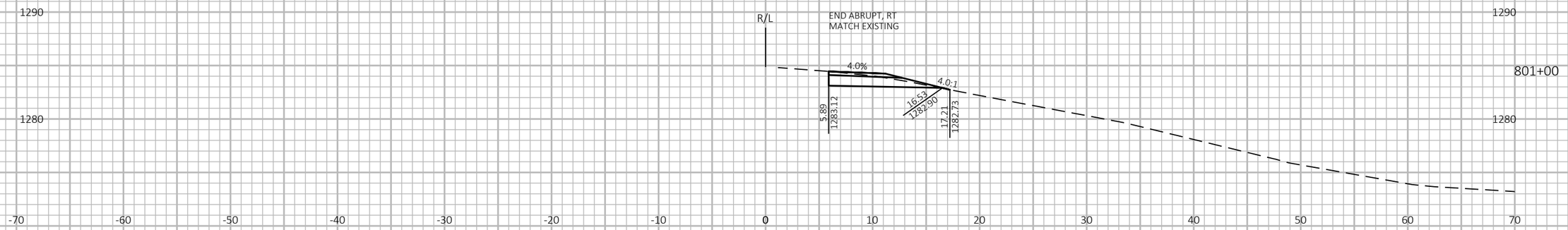
WISDOT/CADDS SHEET 49

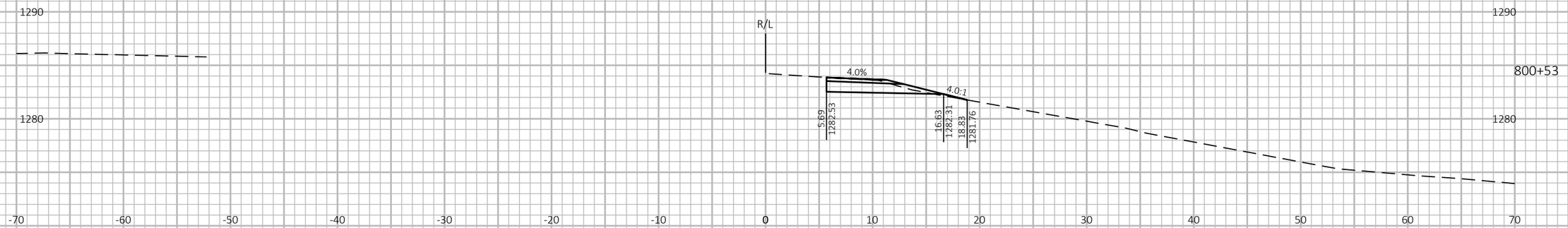
LEGEND

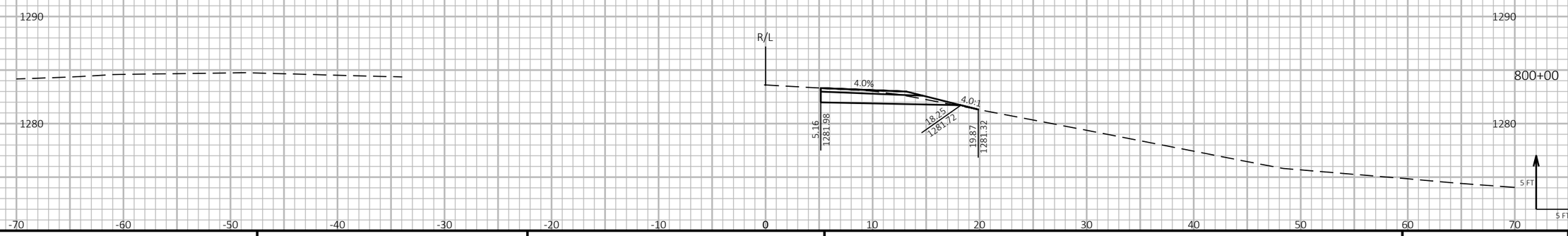
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 2 - TEMP GUARDRAIL - NB EXIT RAMP	SHEET 525	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090210-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 1/27/2022 12:30 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

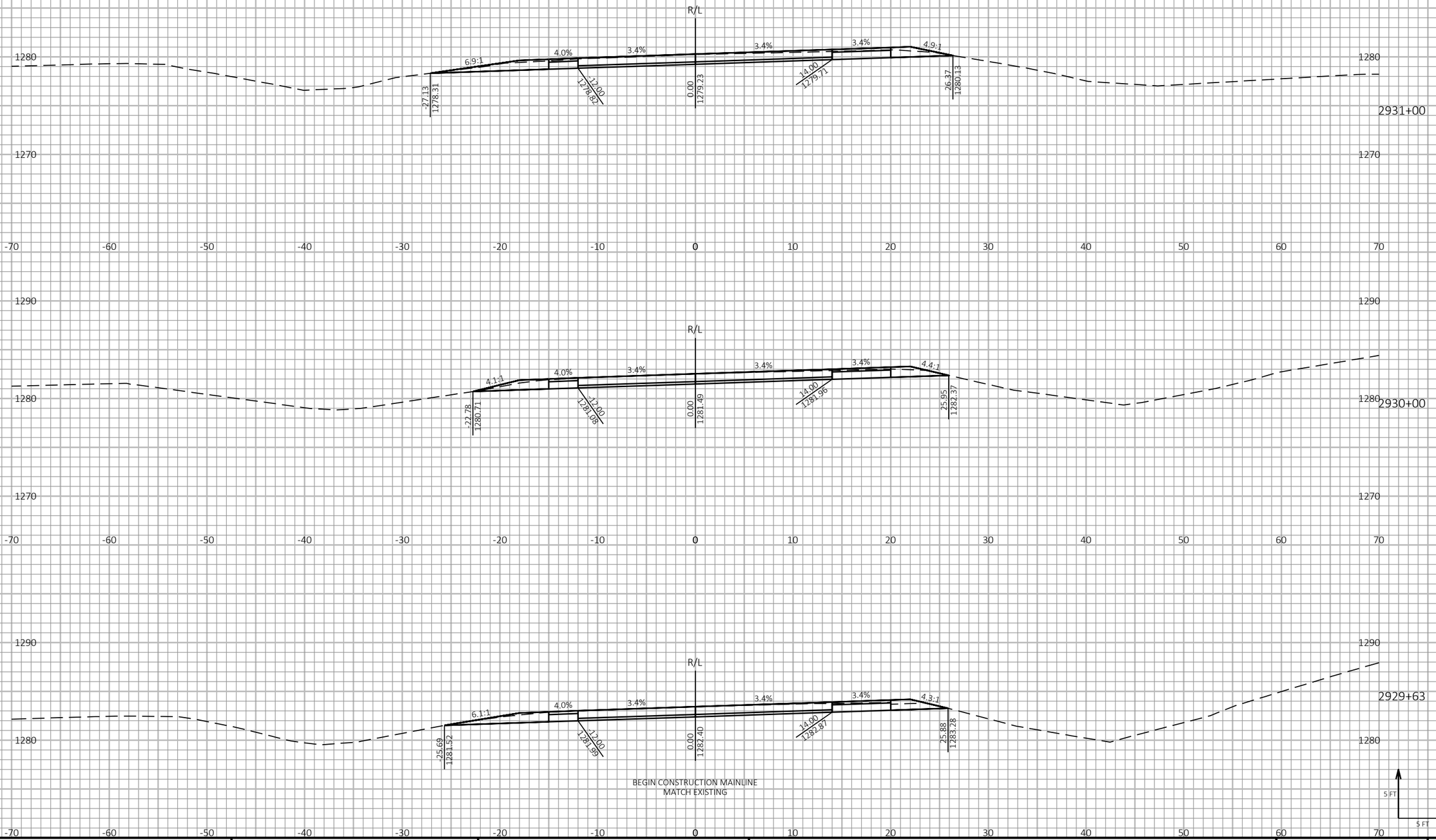
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 526	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 10/10/2022 1:10 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

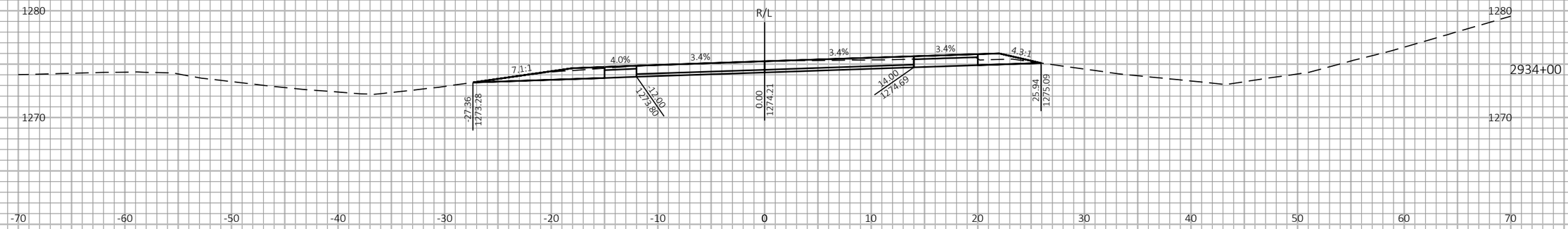
WISDOT/CADDS SHEET 49

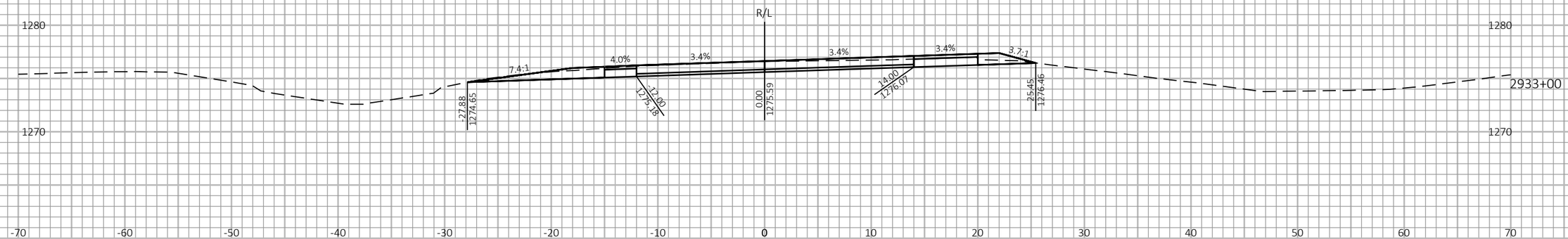
LEGEND

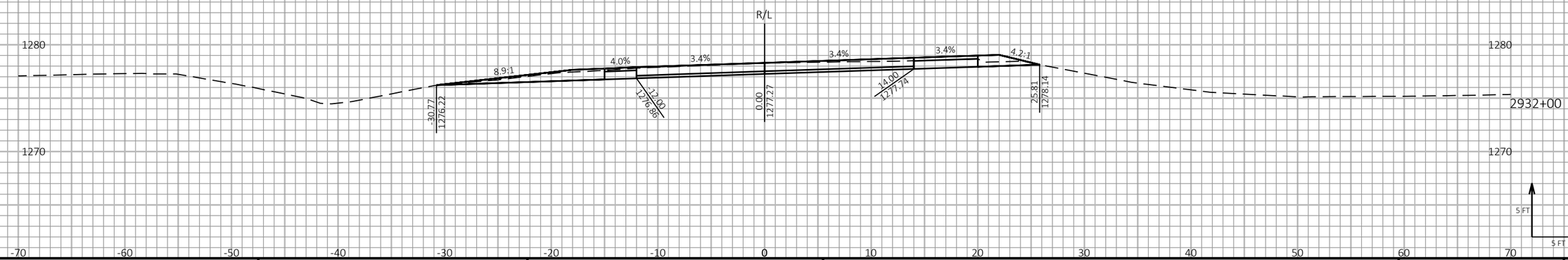
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 527	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 10/10/2022 1:11 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

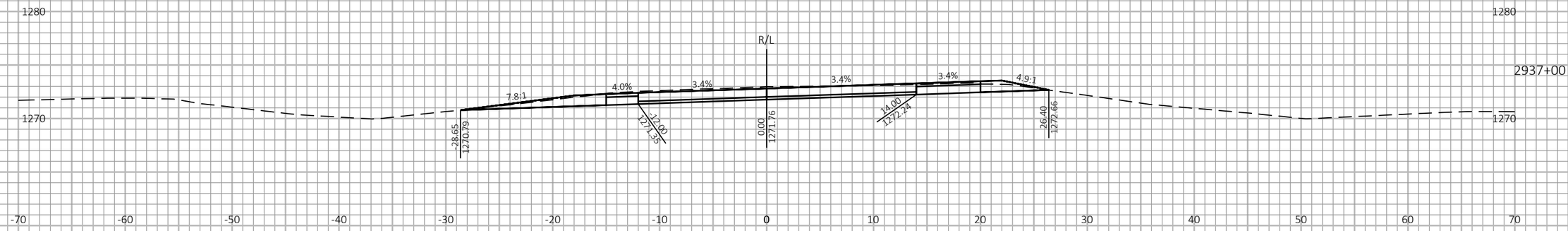
WISDOT/CADDS SHEET 49

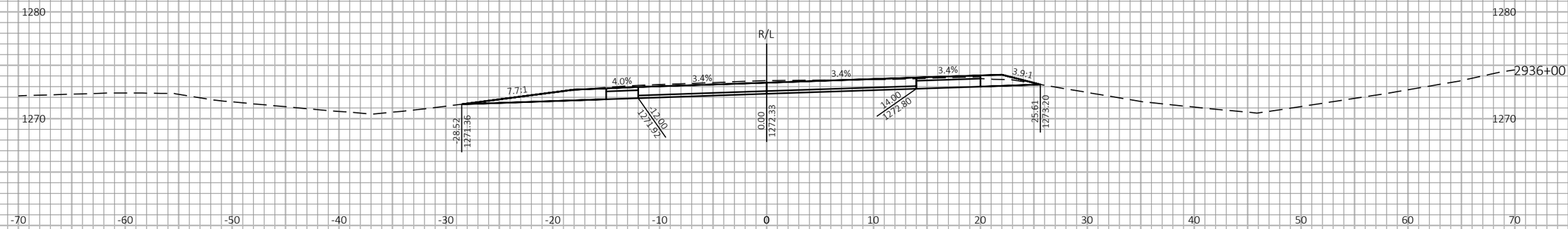
LEGEND

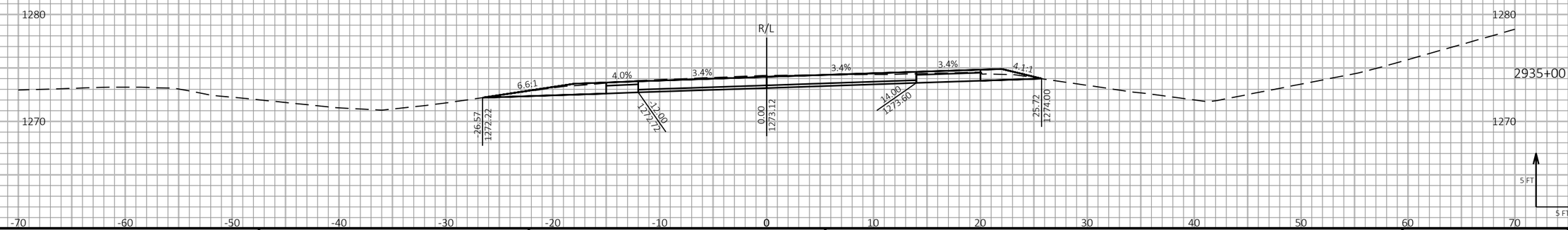
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 528	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 10/10/2022 1:11 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

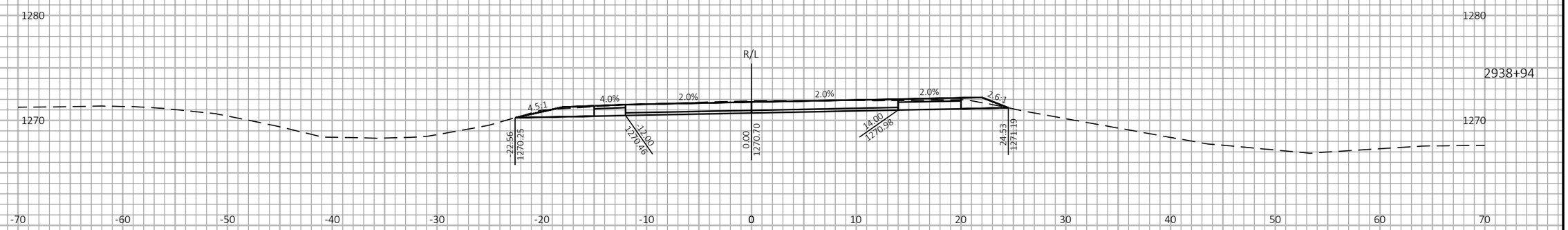
WISDOT/CADDS SHEET 49

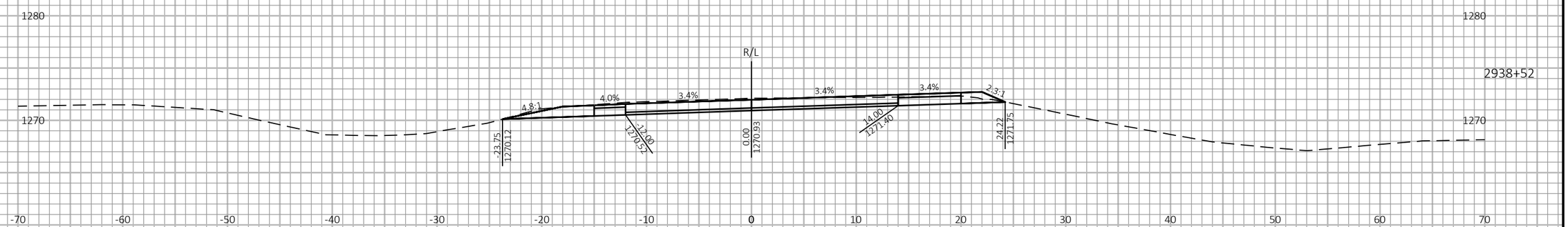
LEGEND

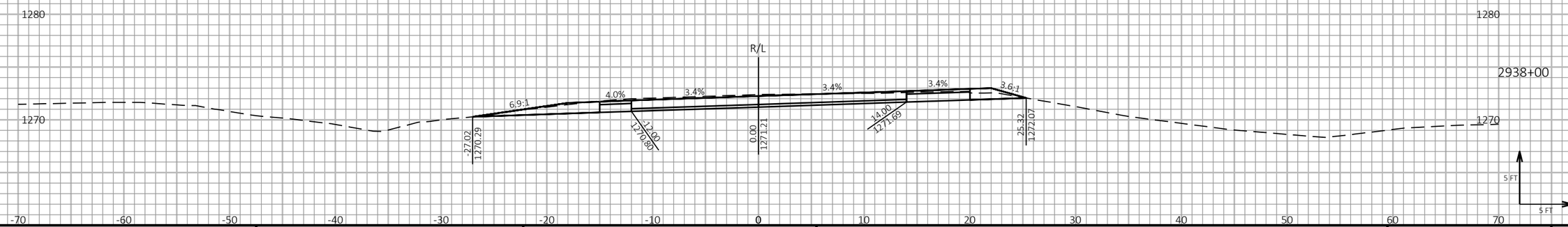
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 529	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 10/10/2022 1:11 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

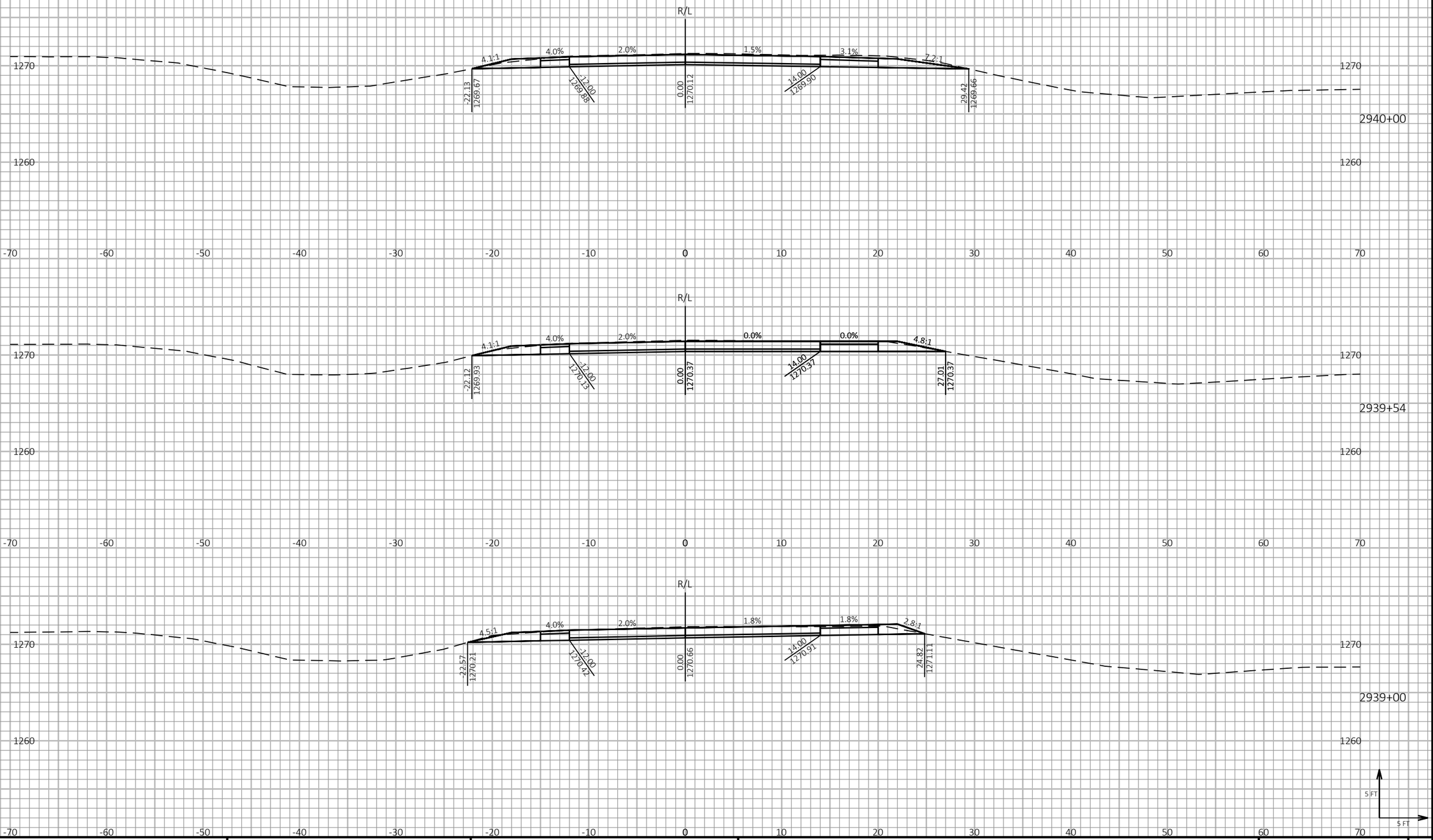
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 530	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 10/10/2022 1:11 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

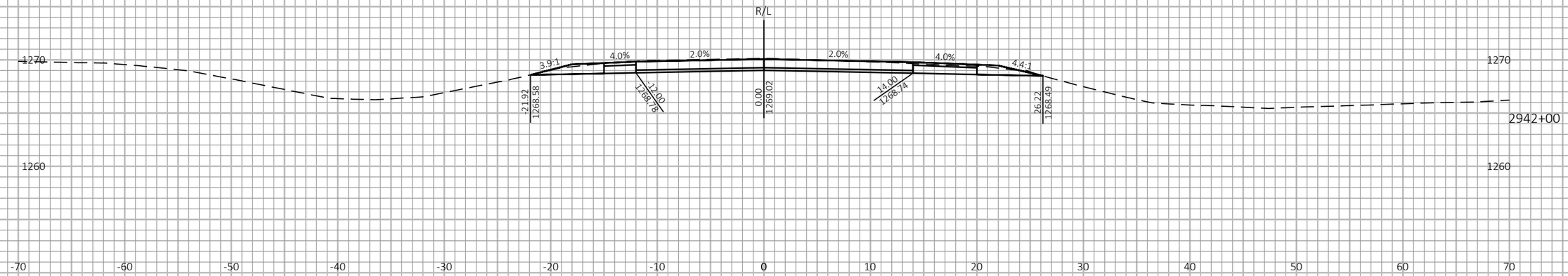
WISDOT/CADDS SHEET 49

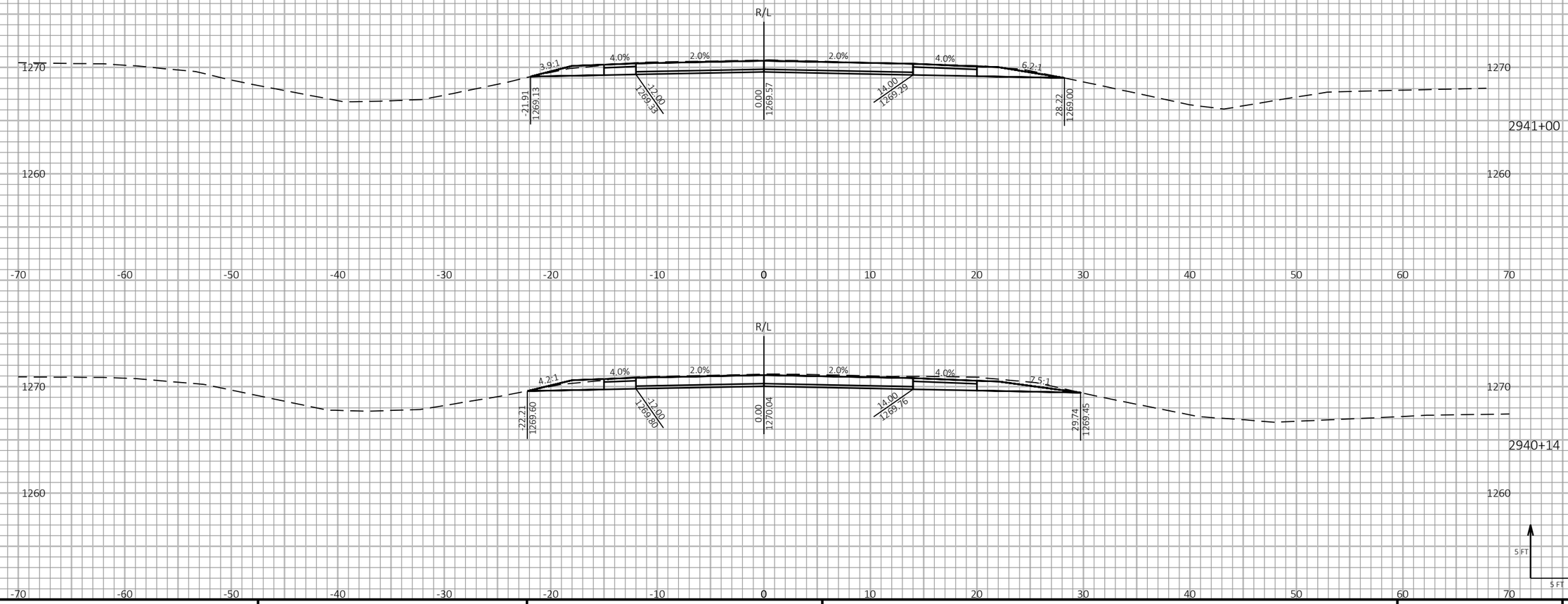
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 531	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 10/10/2022 1:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 532	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 07

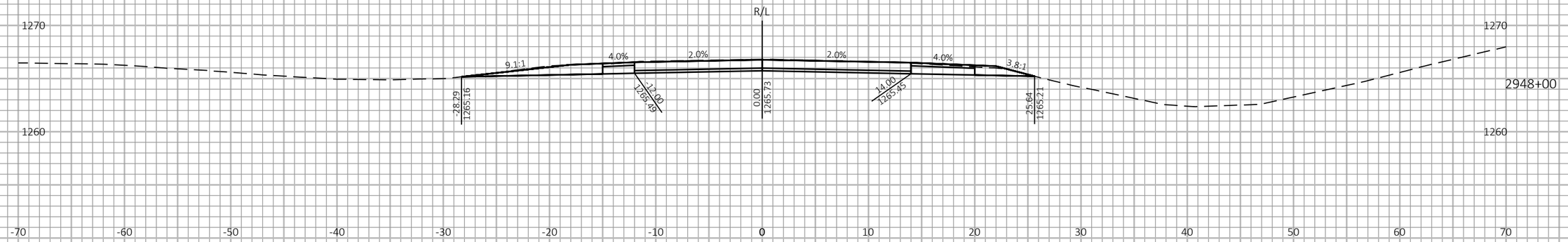
PLOT DATE : 10/10/2022 1:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

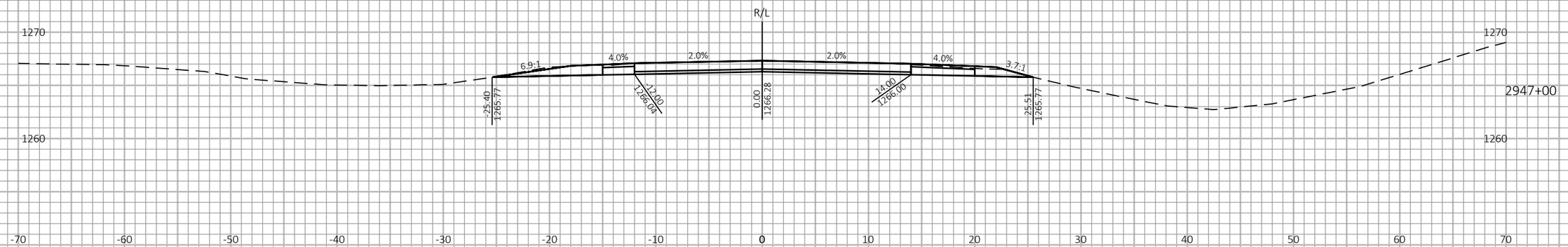
LEGEND

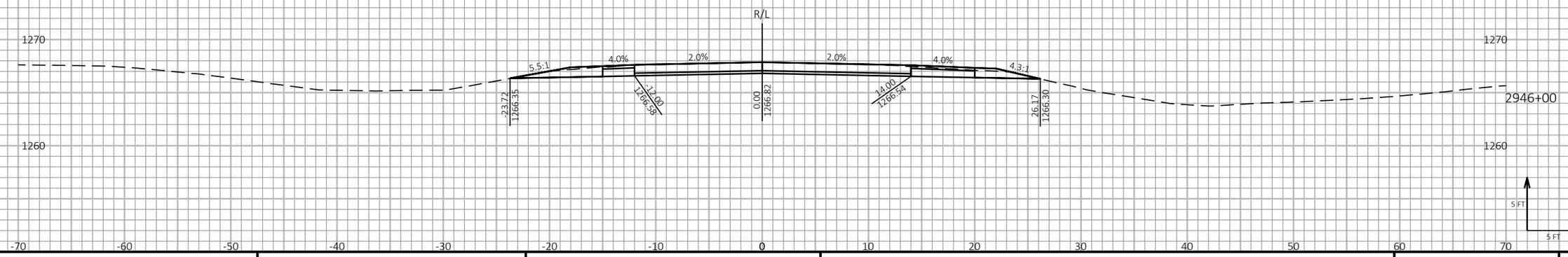
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 533	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 10/10/2022 1:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

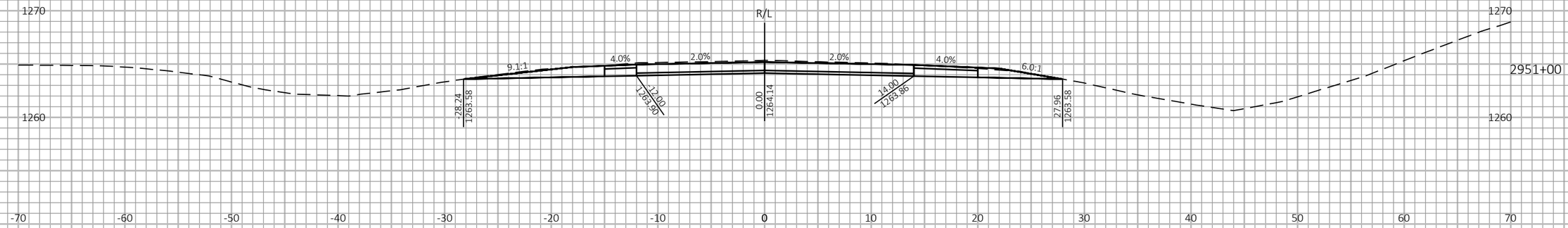
WISDOT/CADDS SHEET 49

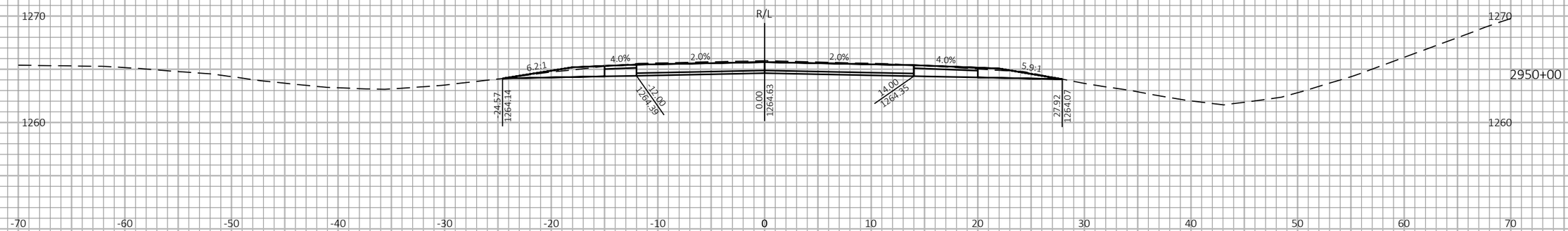
LEGEND

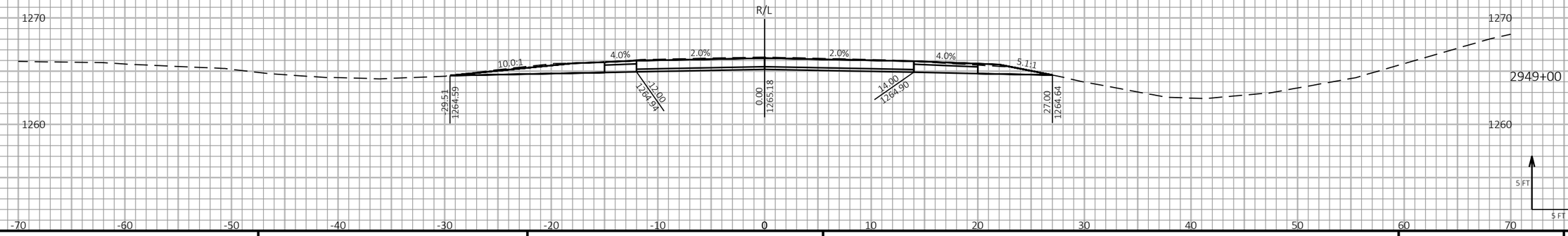
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 534	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 10/10/2022 1:12 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

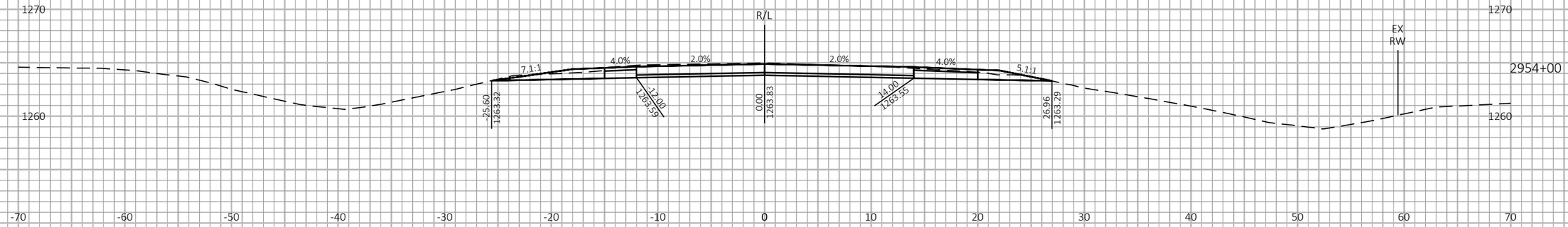
WISDOT/CADDS SHEET 49

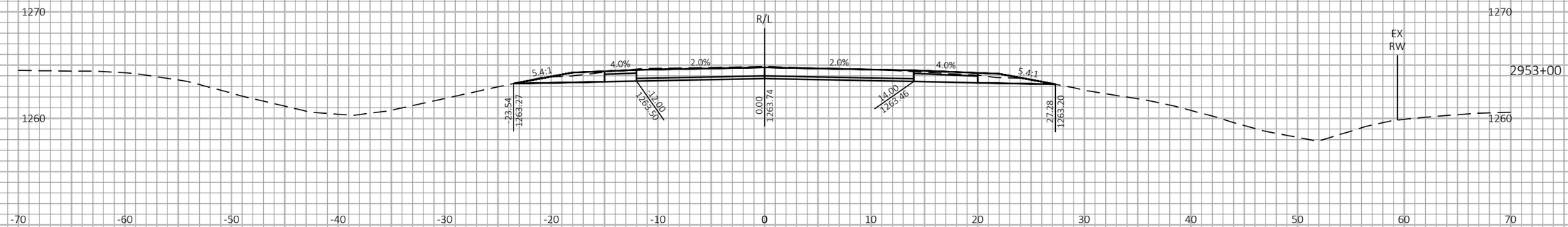
LEGEND

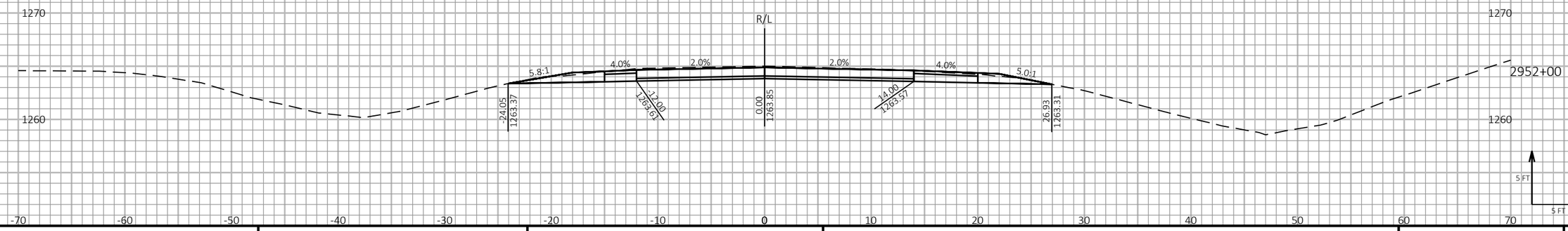
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 535	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 10

PLOT DATE : 10/10/2022 1:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

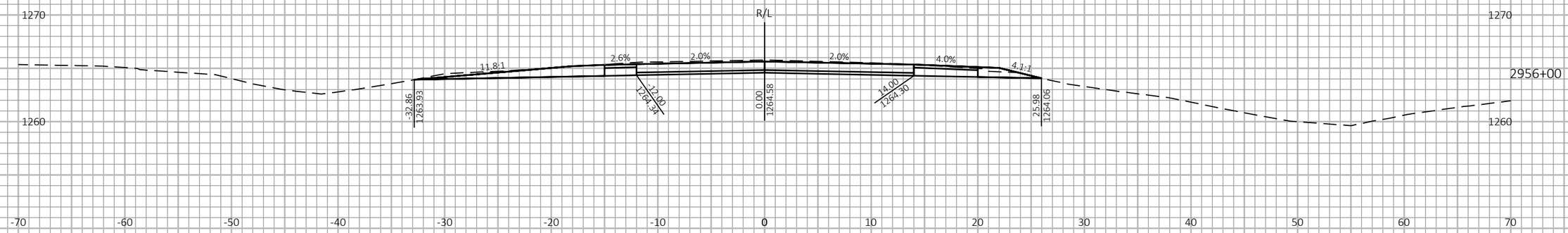
WISDOT/CADDS SHEET 49

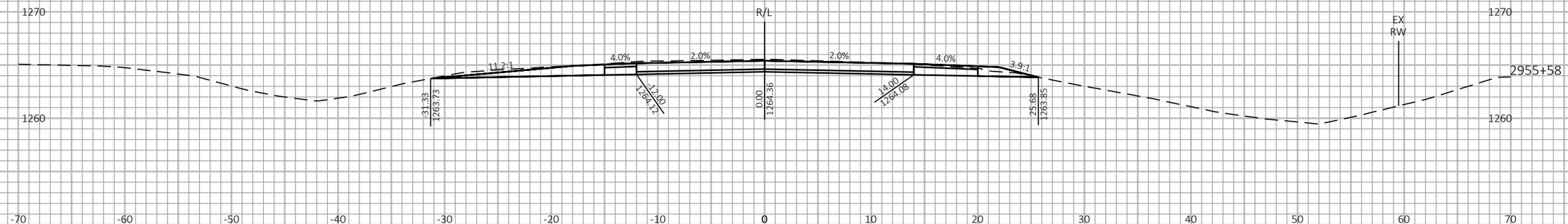
LEGEND

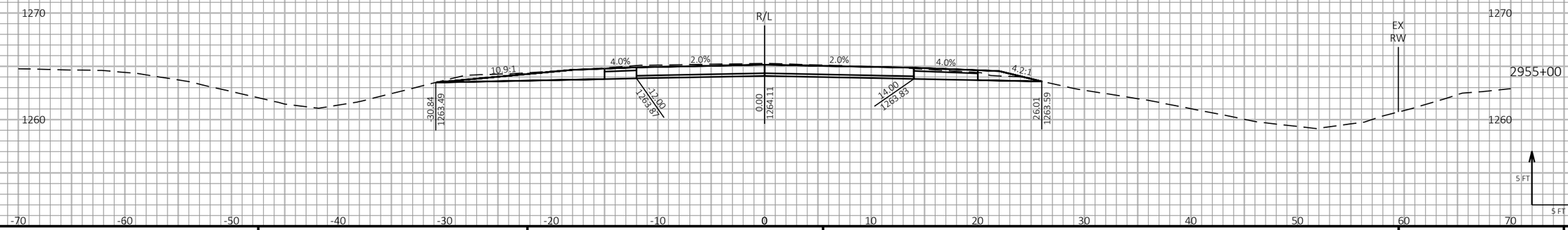
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 536	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 11

PLOT DATE : 10/10/2022 1:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

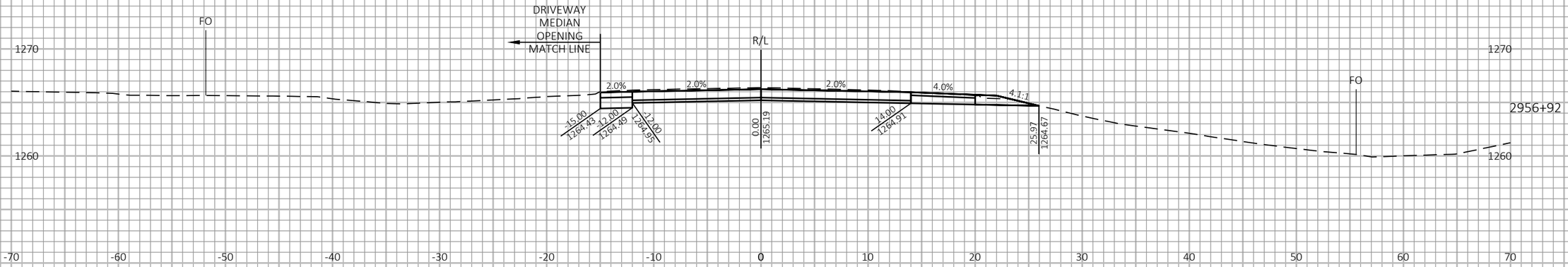
WISDOT/CADDS SHEET 49

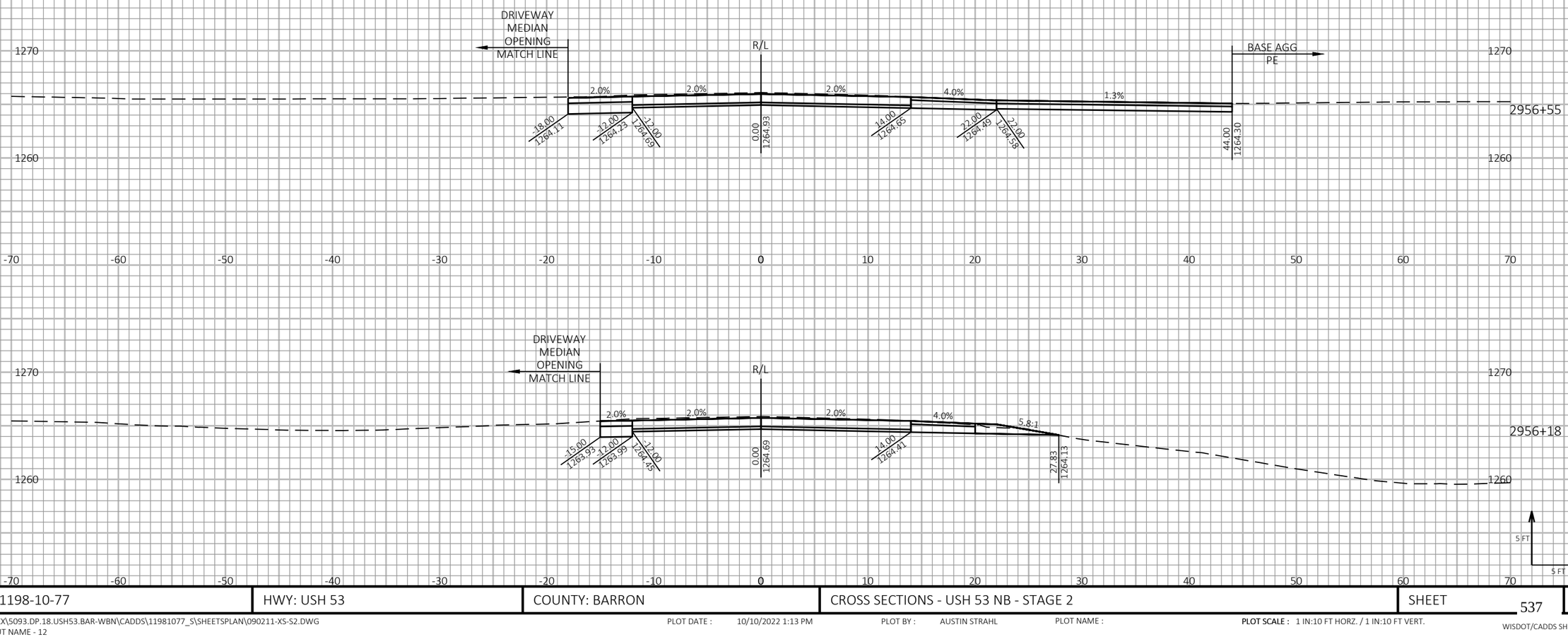
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 537	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 12

PLOT DATE : 10/10/2022 1:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

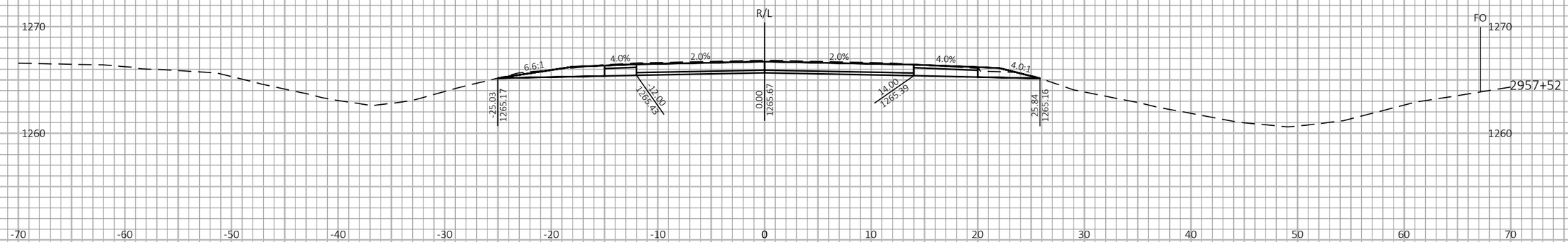
LEGEND

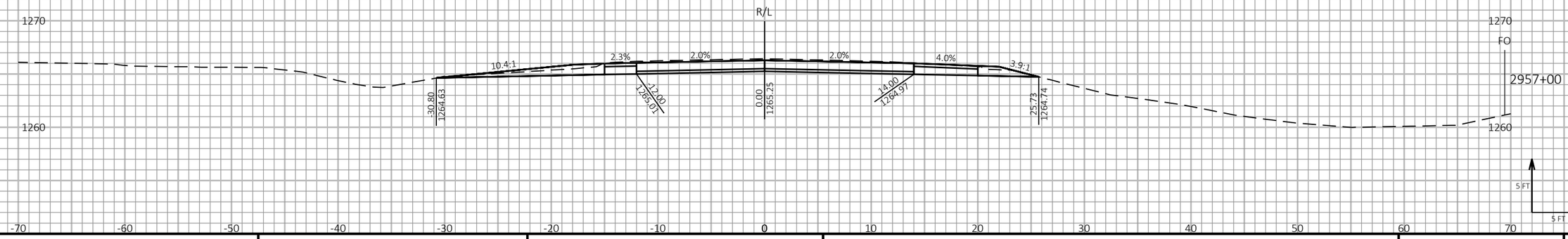
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 538	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 13

PLOT DATE : 10/10/2022 1:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

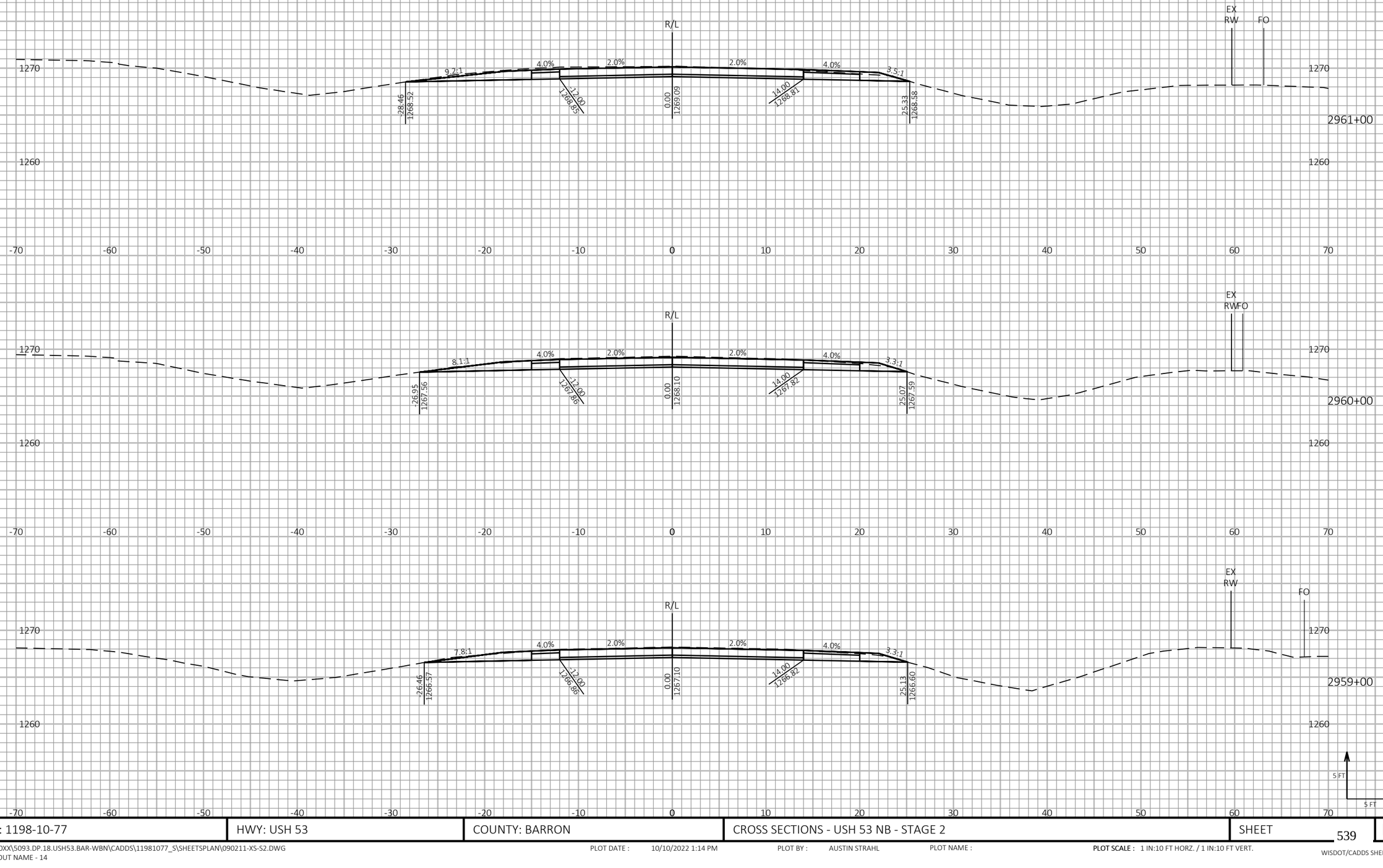
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 539	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 14

PLOT DATE : 10/10/2022 1:14 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

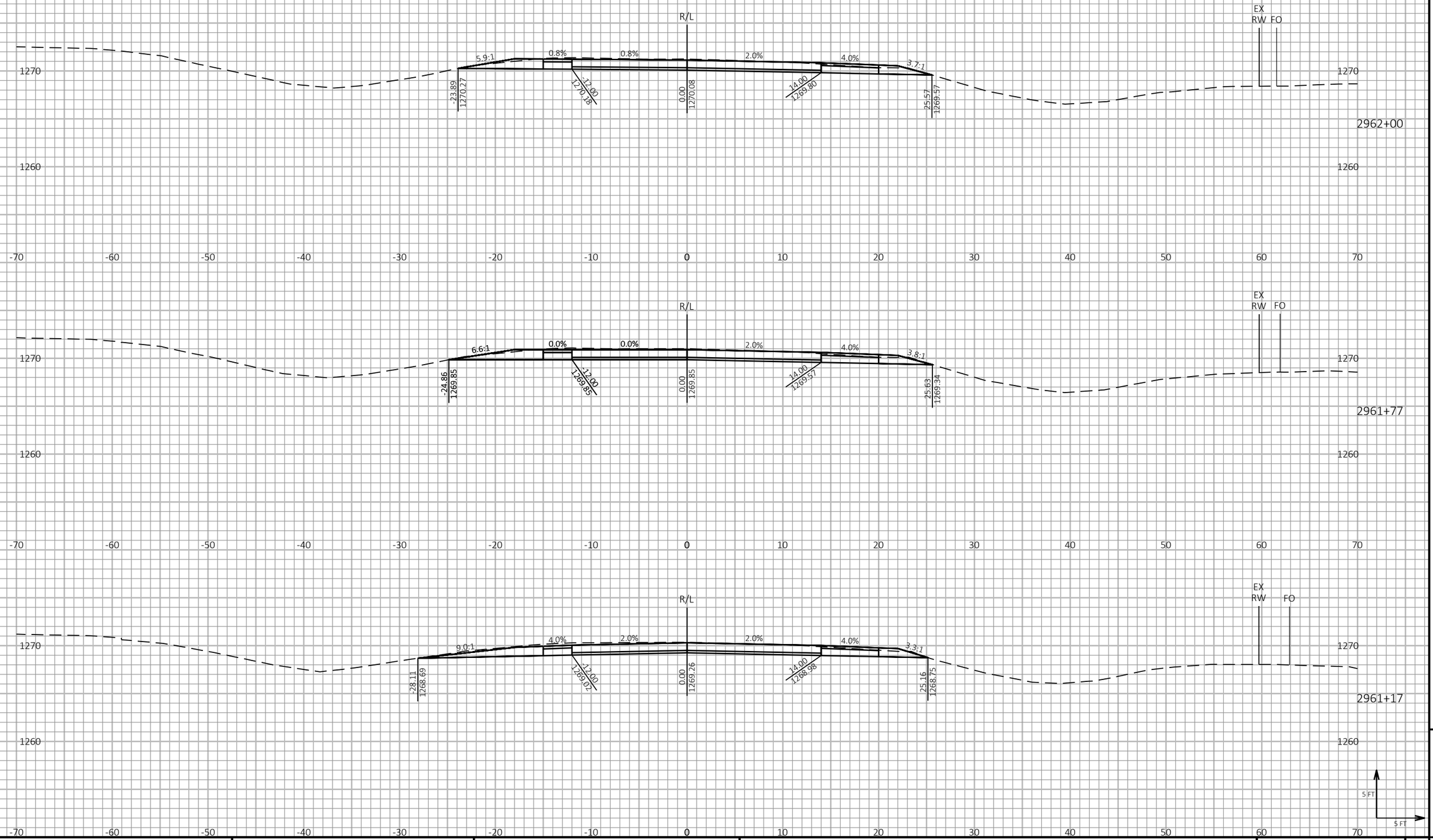
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 540	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 15

PLOT DATE : 10/10/2022 1:14 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

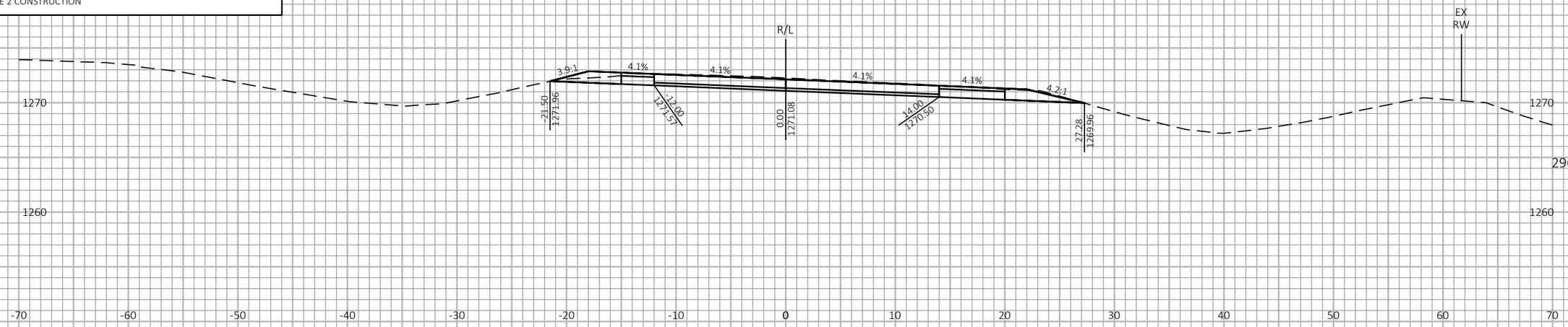
WISDOT/CADDS SHEET 49

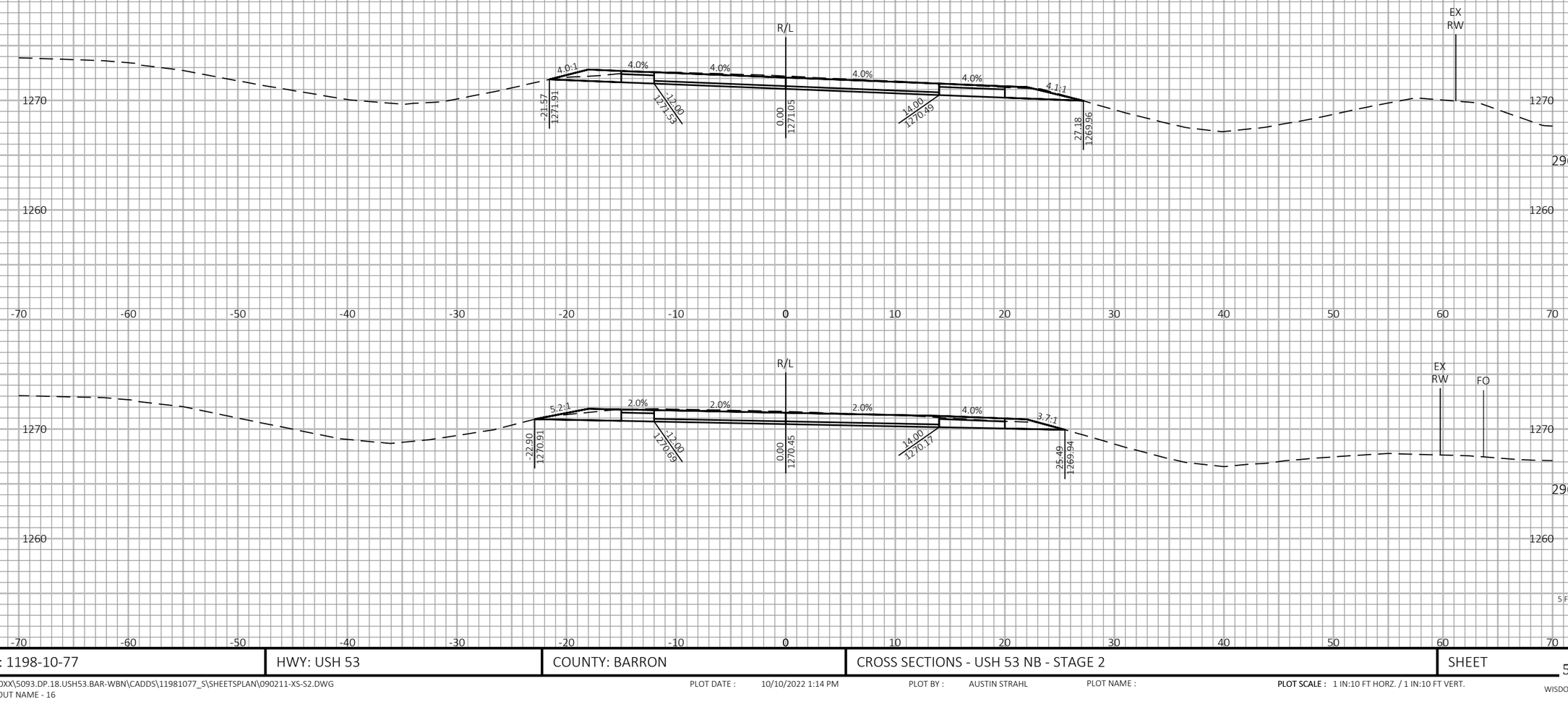
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 541	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 16

PLOT DATE : 10/10/2022 1:14 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

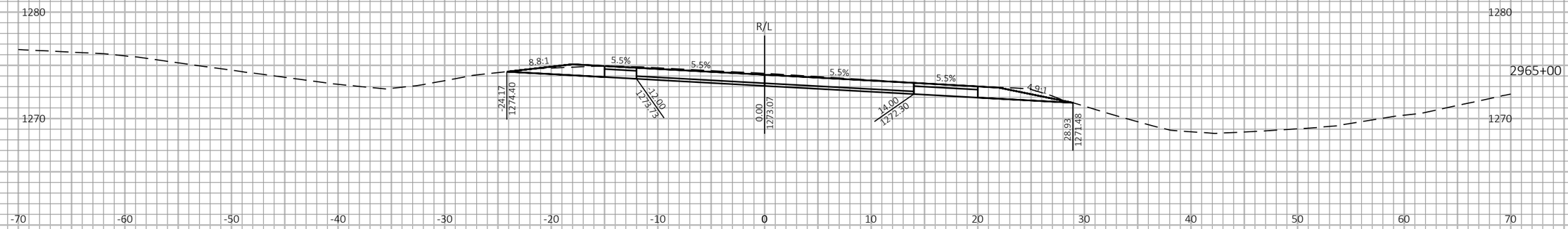
WISDOT/CADDS SHEET 49

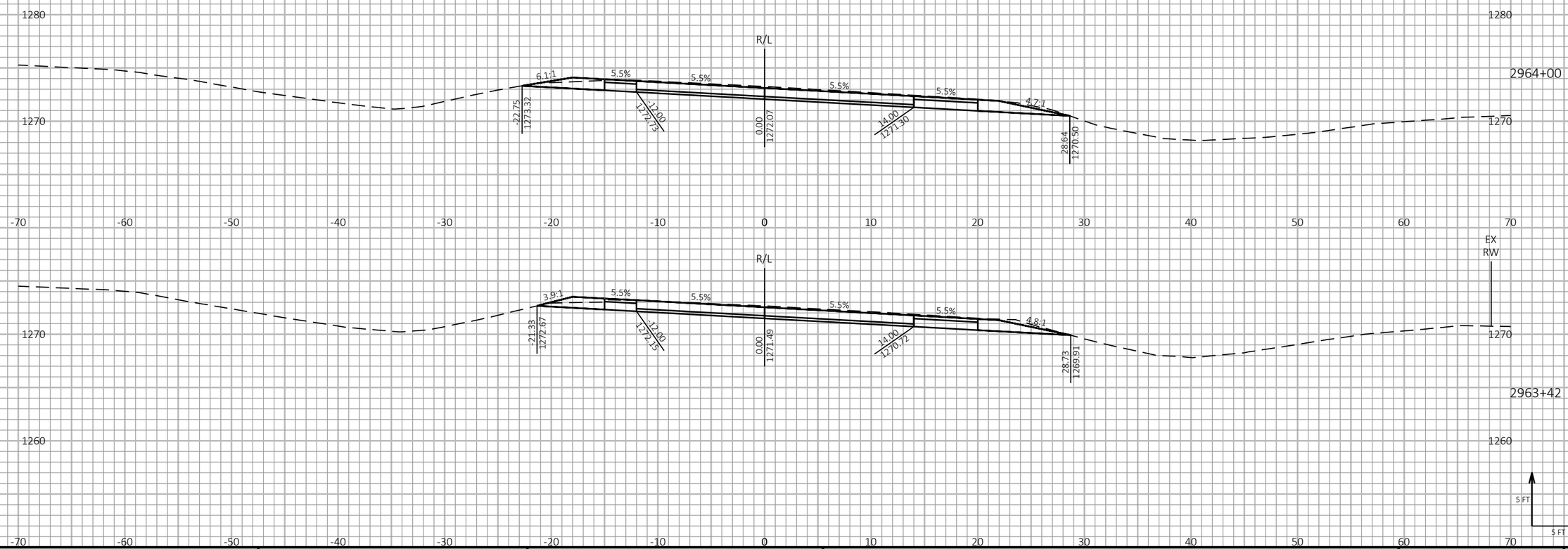
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 542	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 17

PLOT DATE : 10/10/2022 1:14 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

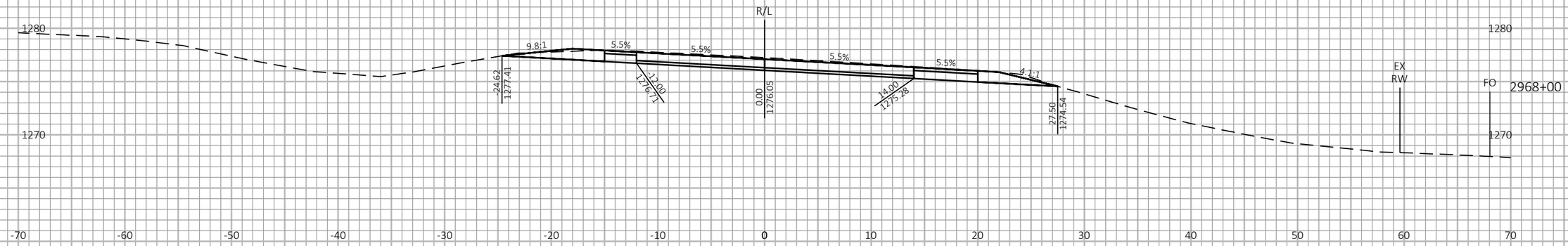
WISDOT/CADDS SHEET 49

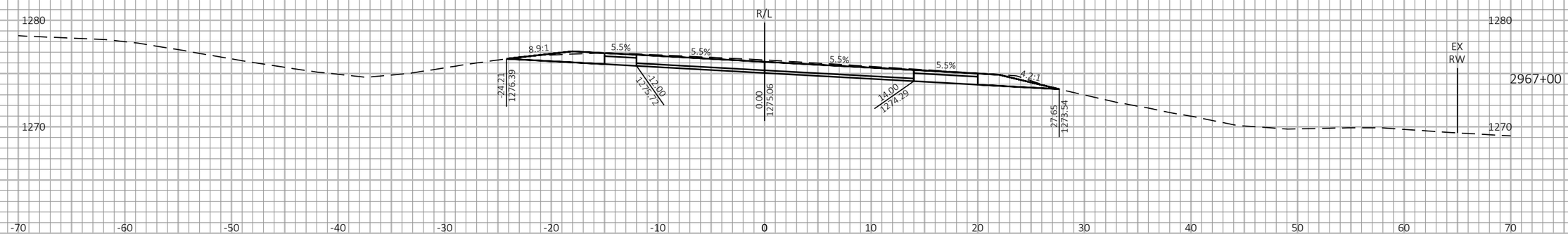
LEGEND

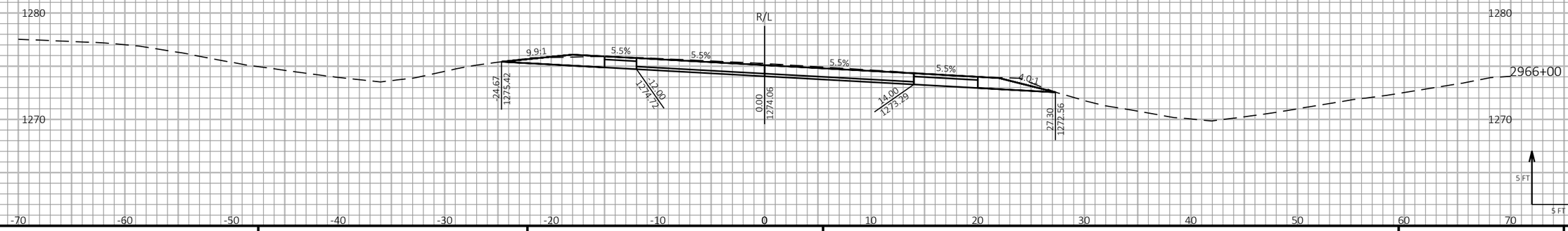
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 543	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 18

PLOT DATE : 10/10/2022 1:15 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

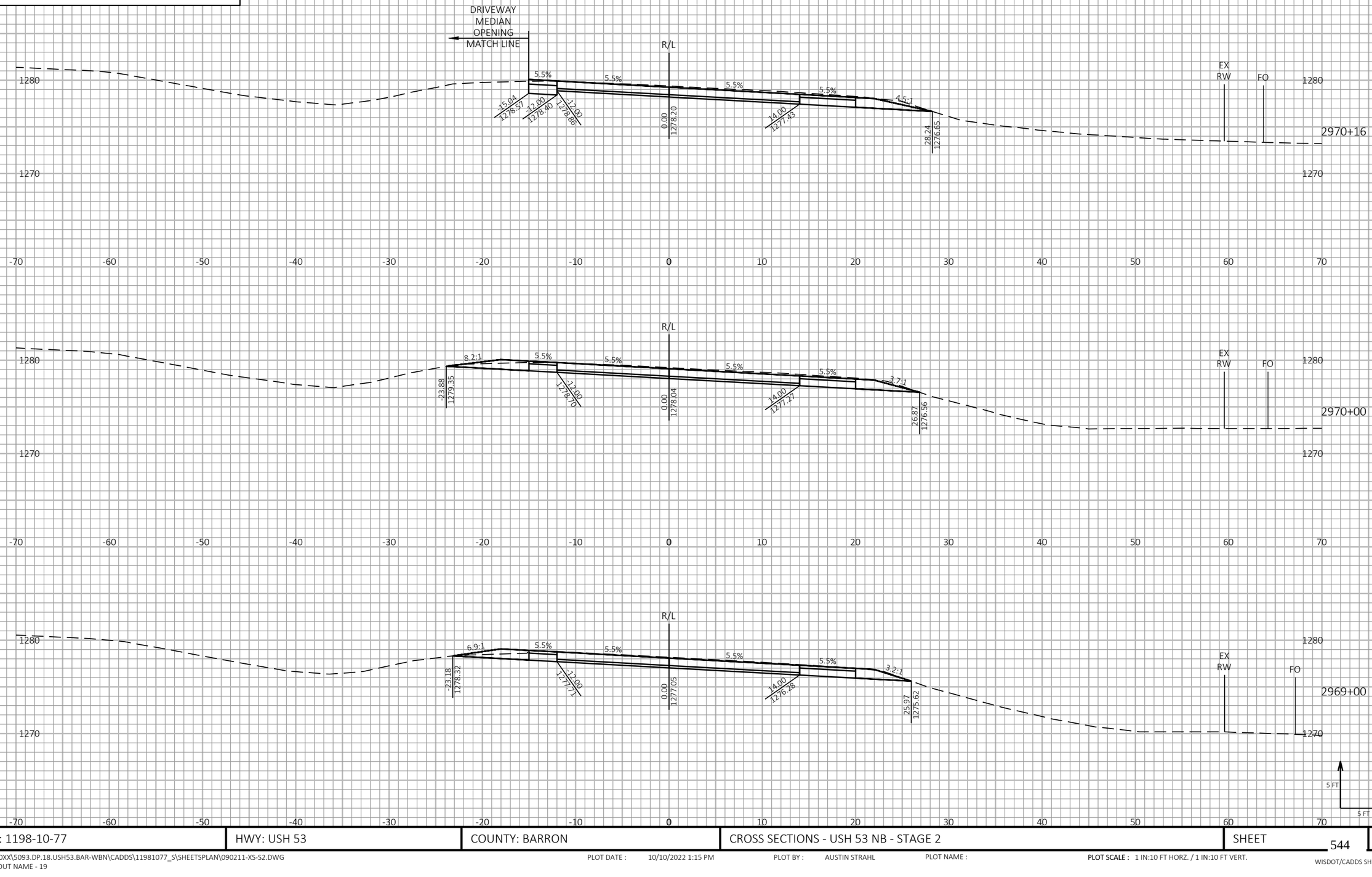
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 544	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 19

PLOT DATE : 10/10/2022 1:15 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

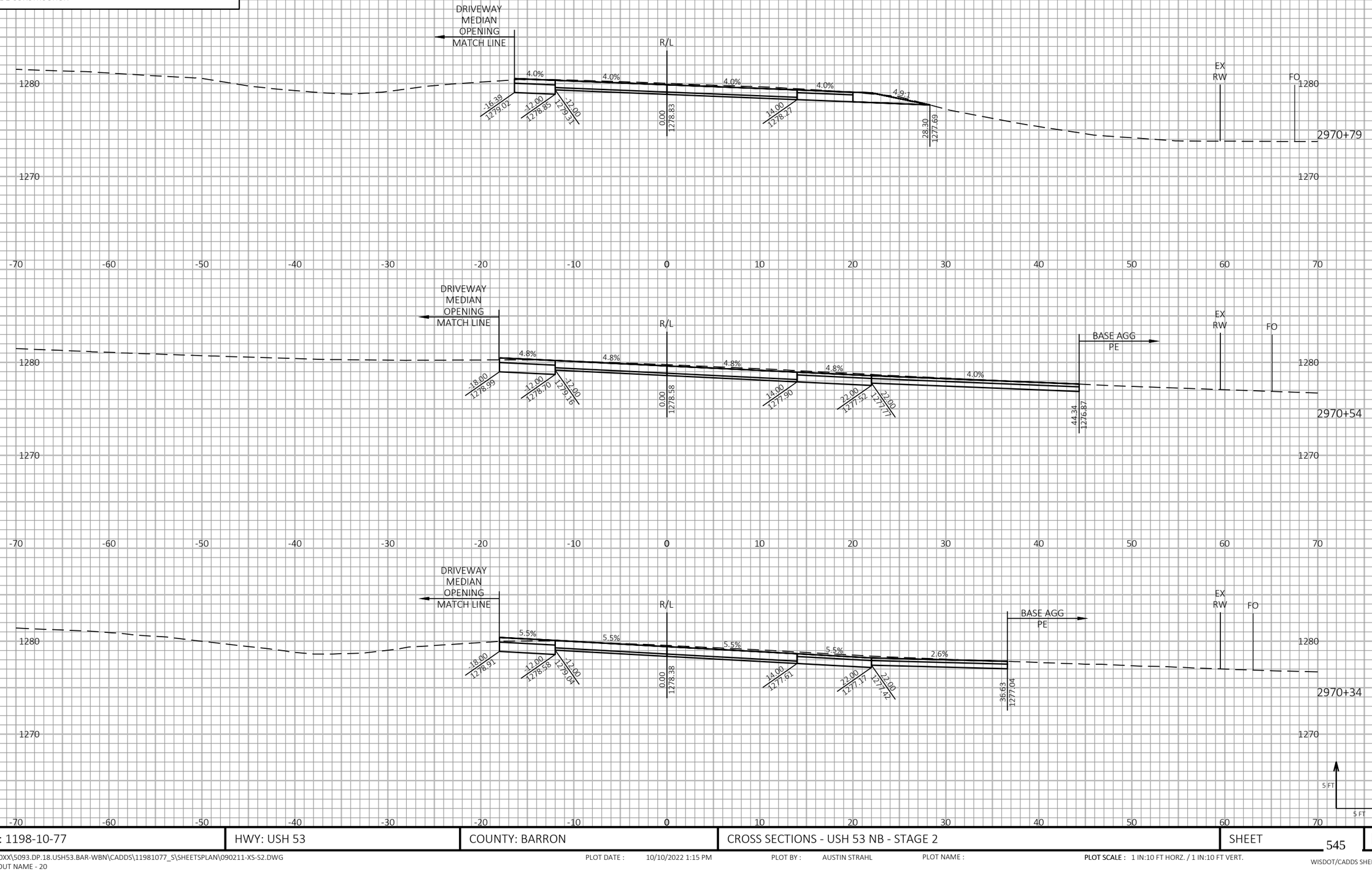
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 545	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 20

PLOT DATE : 10/10/2022 1:15 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

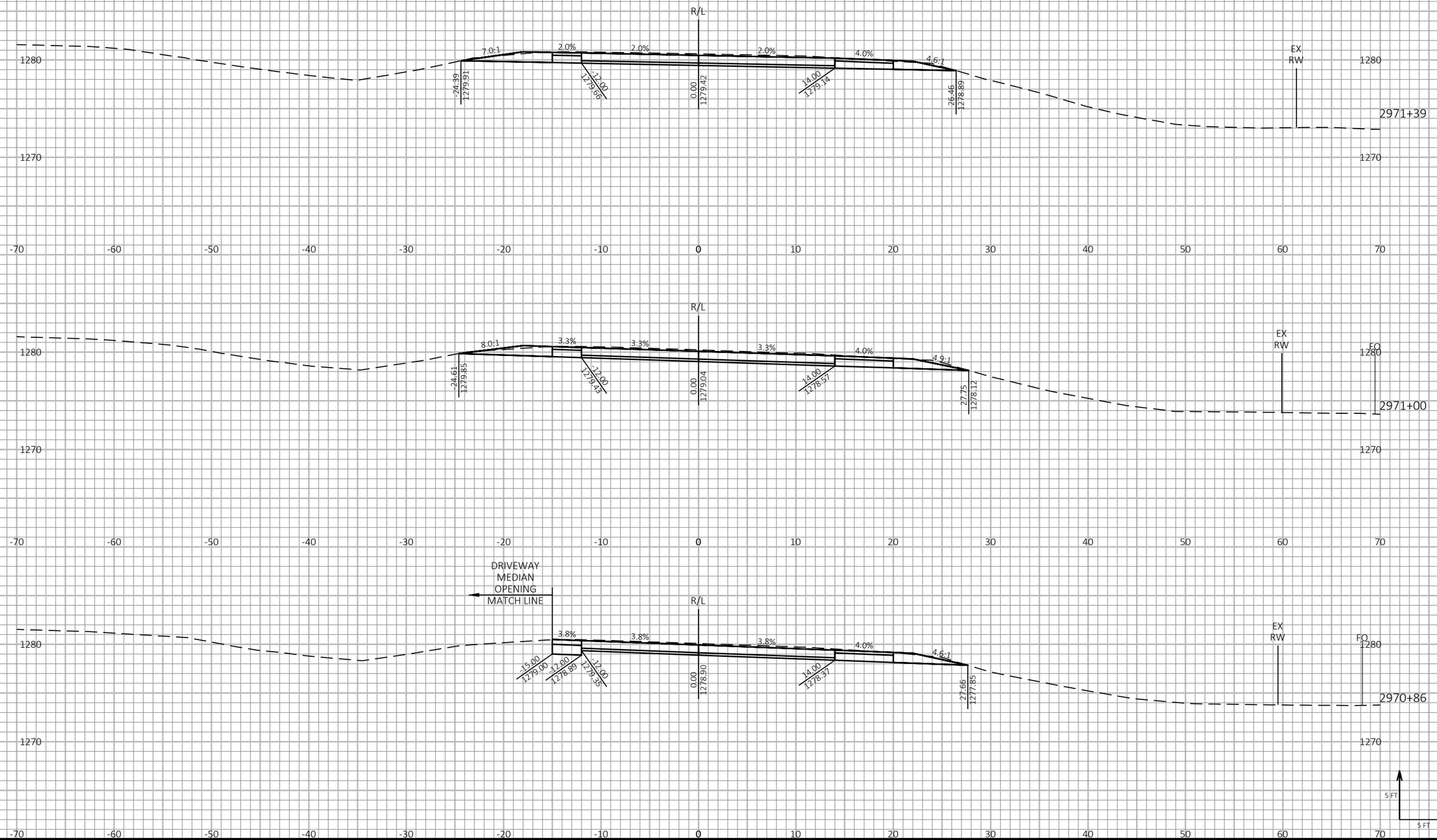
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 546	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 21

PLOT DATE : 10/10/2022 1:15 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

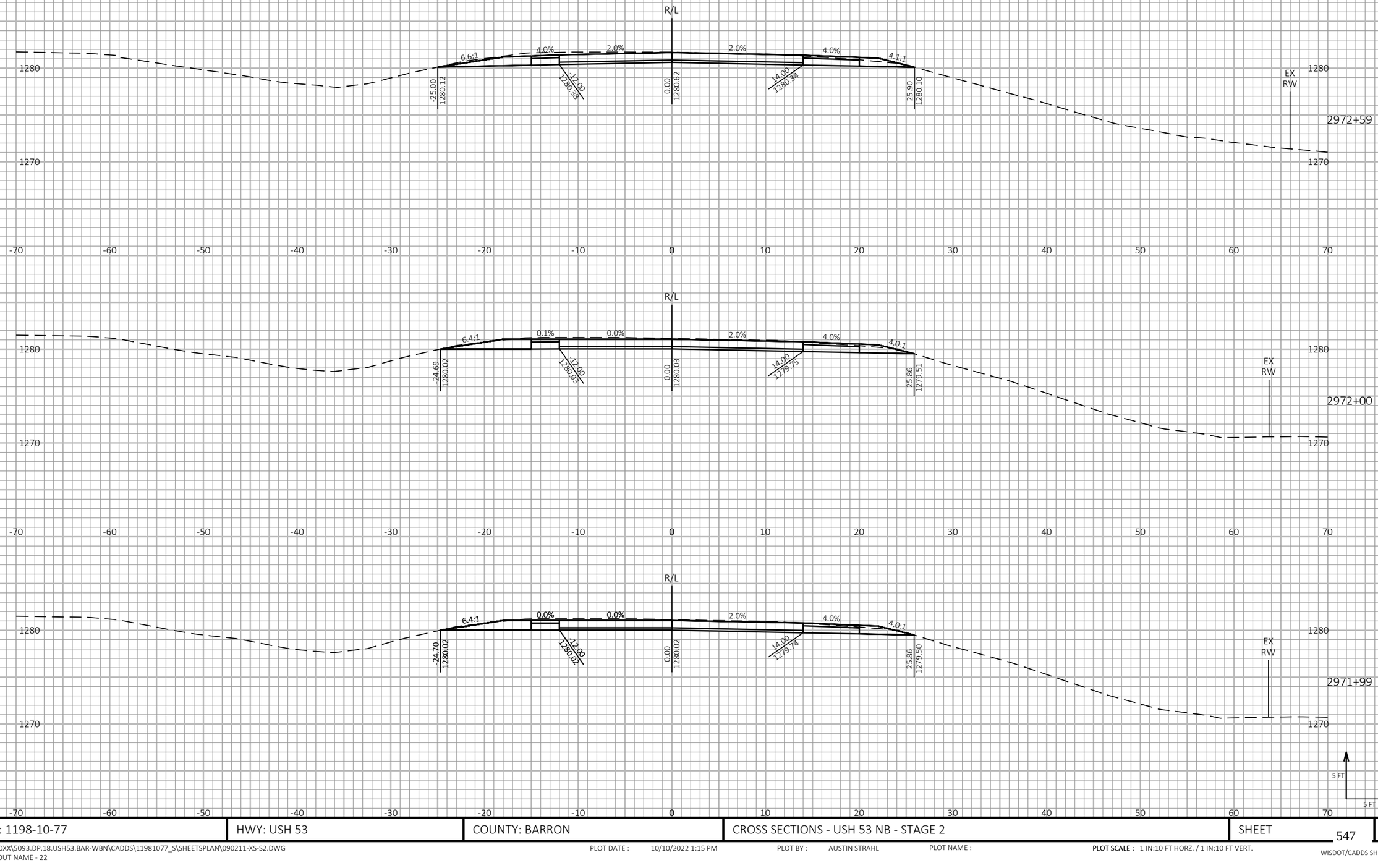
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 547	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 22

PLOT DATE : 10/10/2022 1:15 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

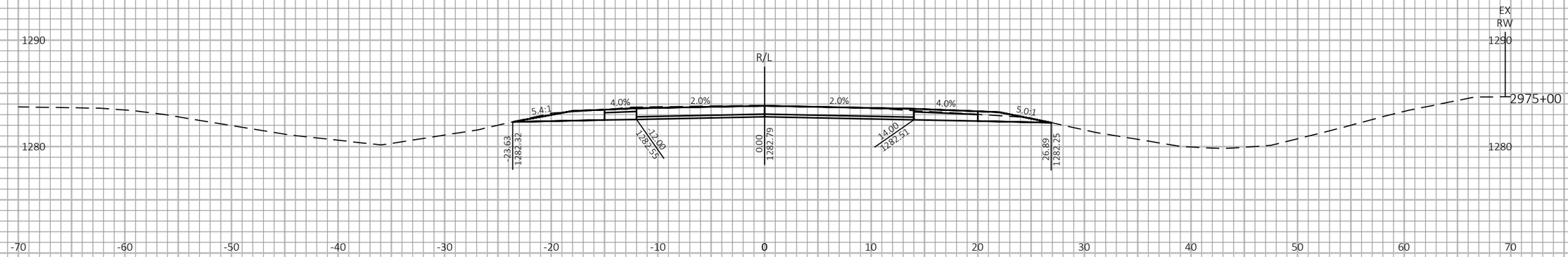
WISDOT/CADDS SHEET 49

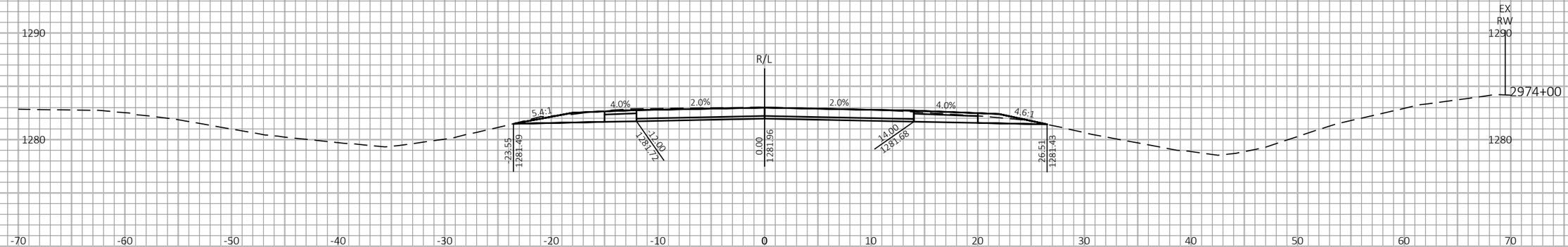
LEGEND

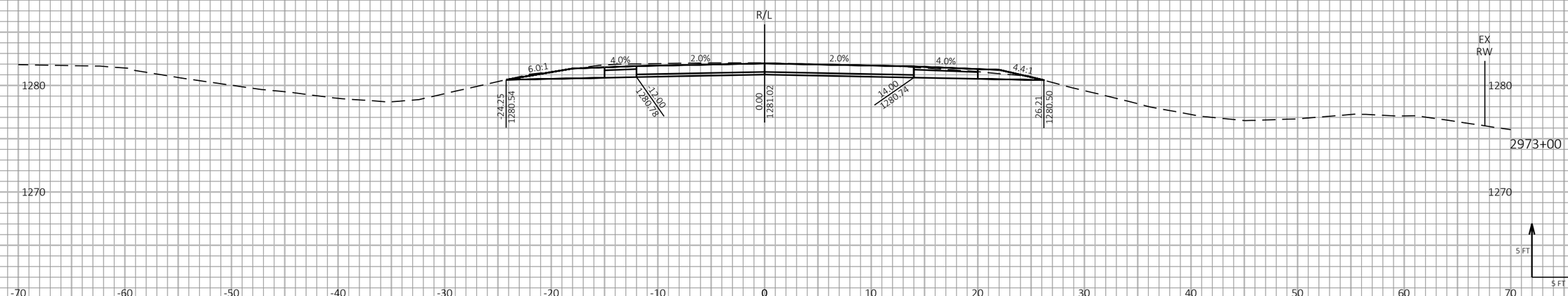
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 548	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 23

PLOT DATE : 10/10/2022 1:16 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

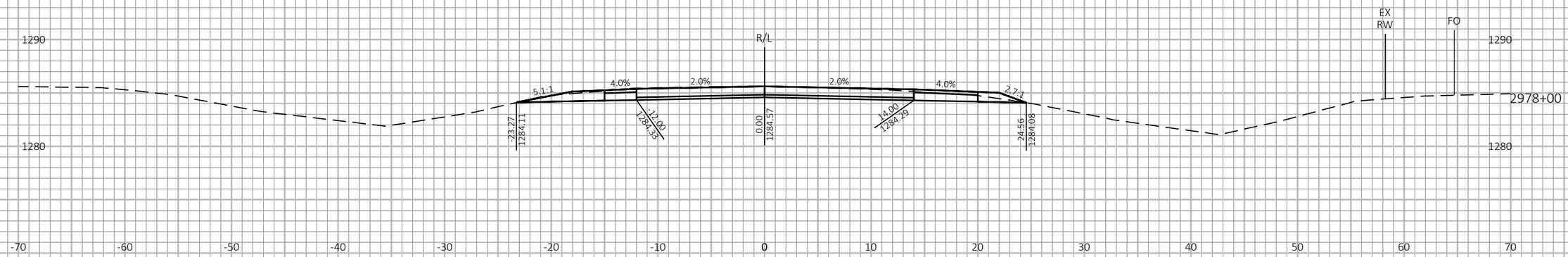
WISDOT/CADDS SHEET 49

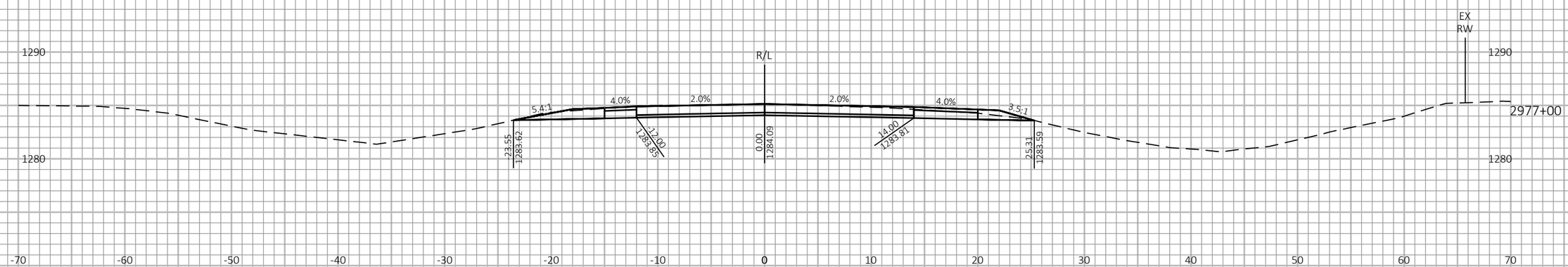
LEGEND

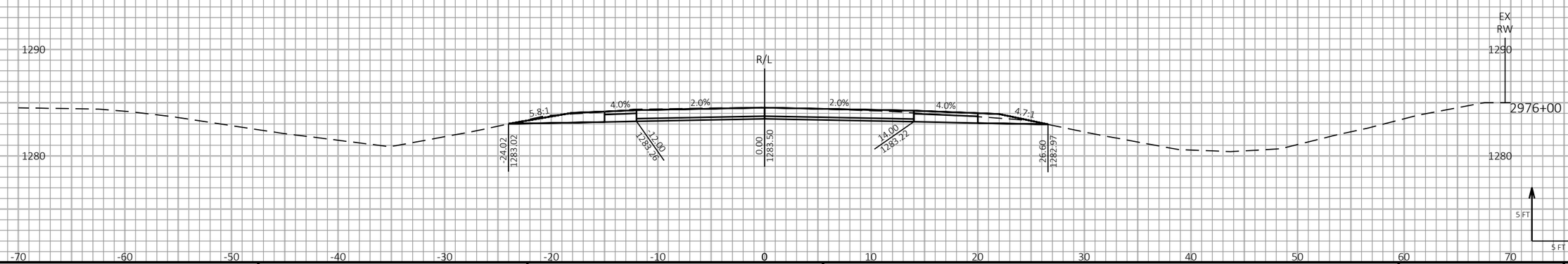
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 549	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 24

PLOT DATE : 10/10/2022 1:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

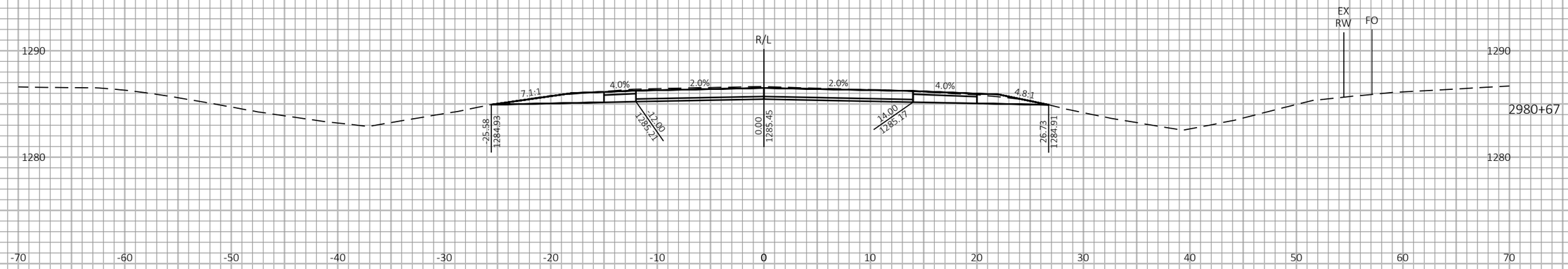
WISDOT/CADDS SHEET 49

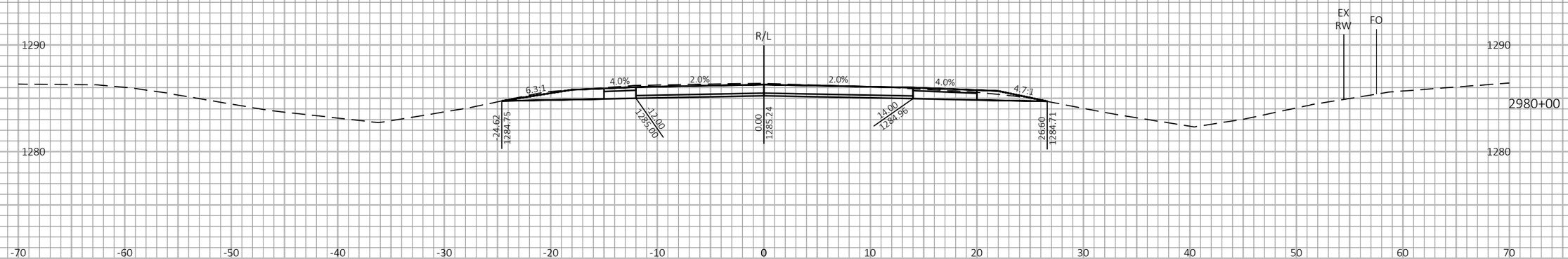
LEGEND

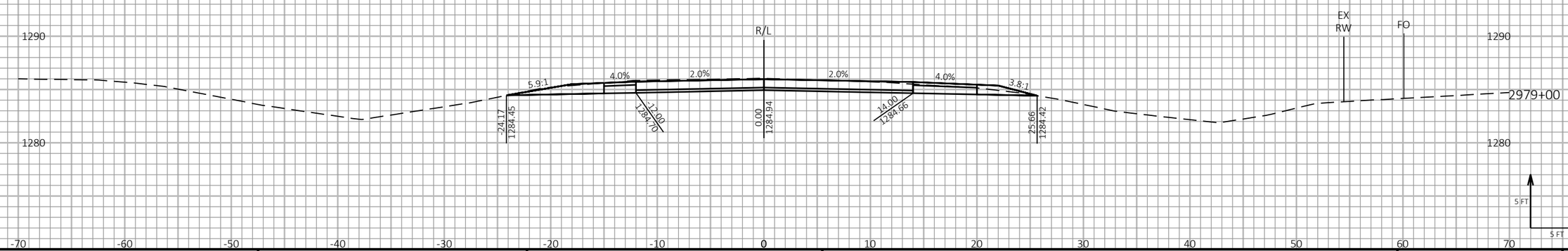
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 550	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 25

PLOT DATE : 10/10/2022 1:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

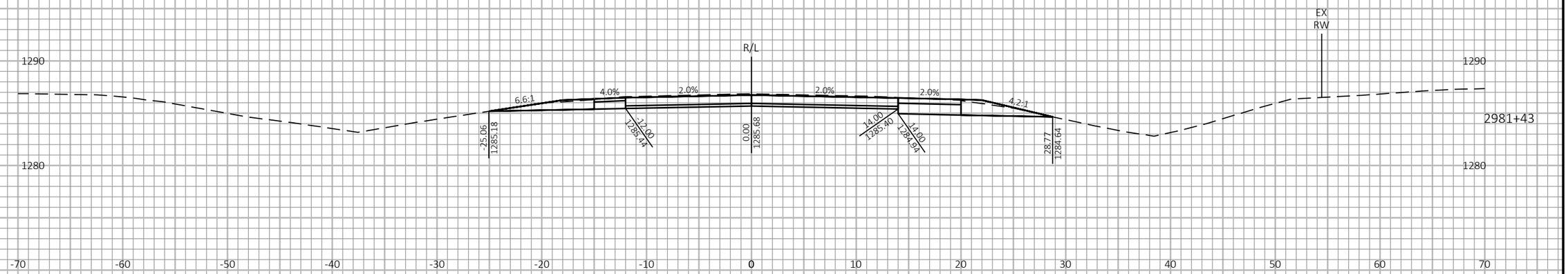
WISDOT/CADDS SHEET 49

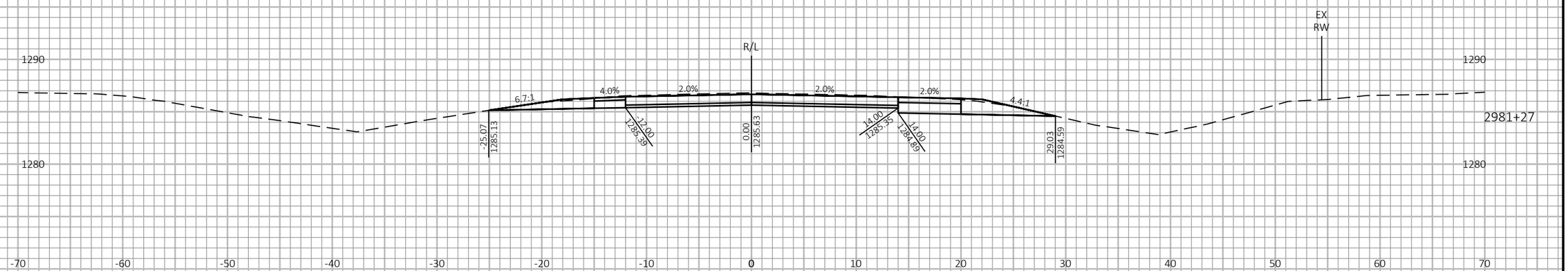
LEGEND

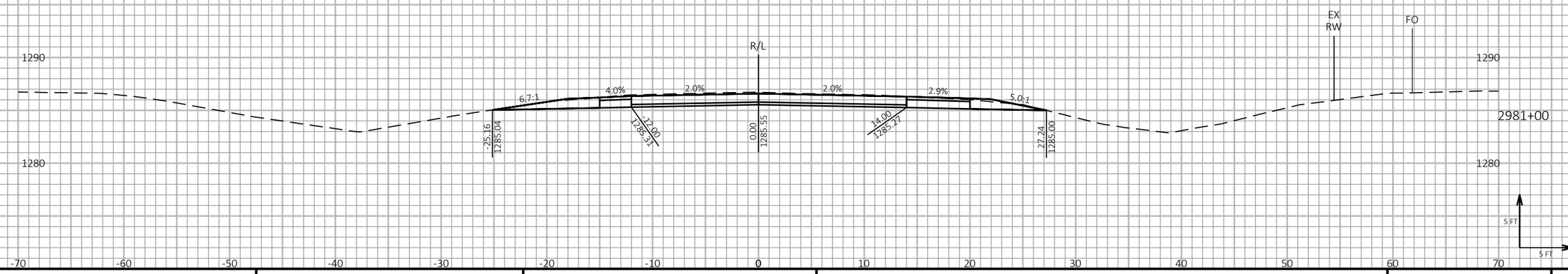
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 551	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 26

PLOT DATE : 10/10/2022 1:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

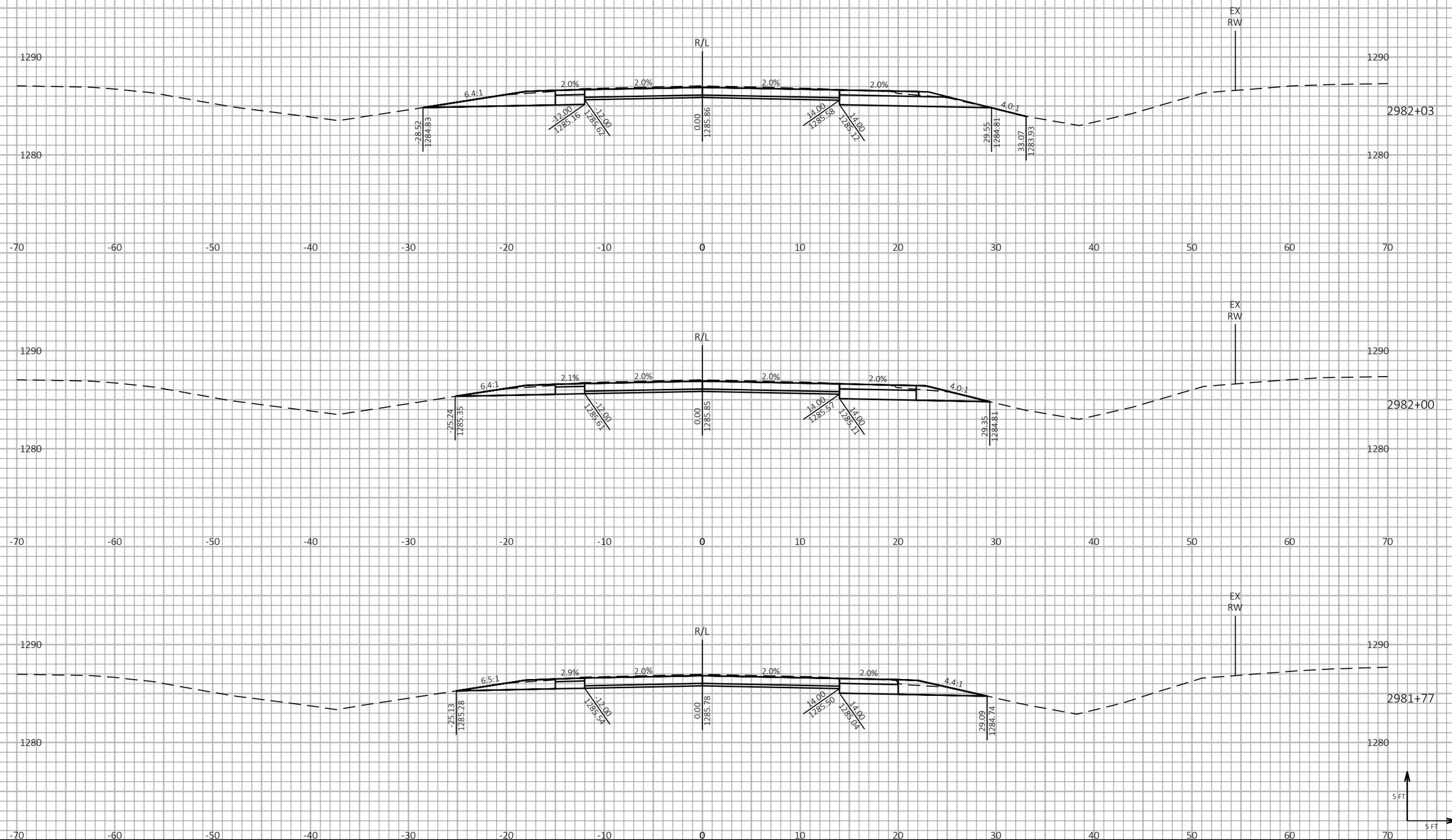
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 552	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 27

PLOT DATE : 10/10/2022 1:17 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

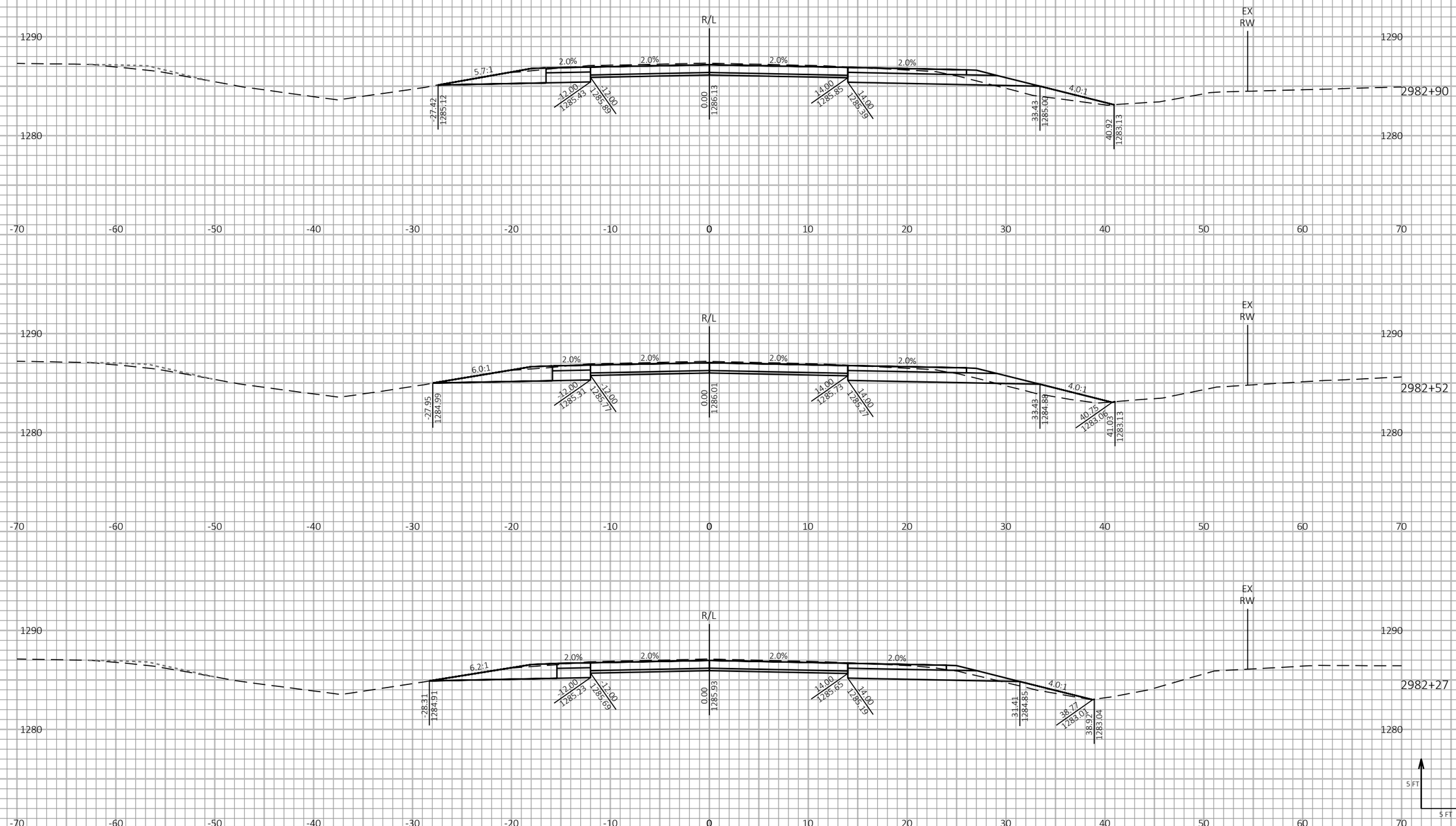
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 553	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 28

PLOT DATE : 10/10/2022 1:17 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

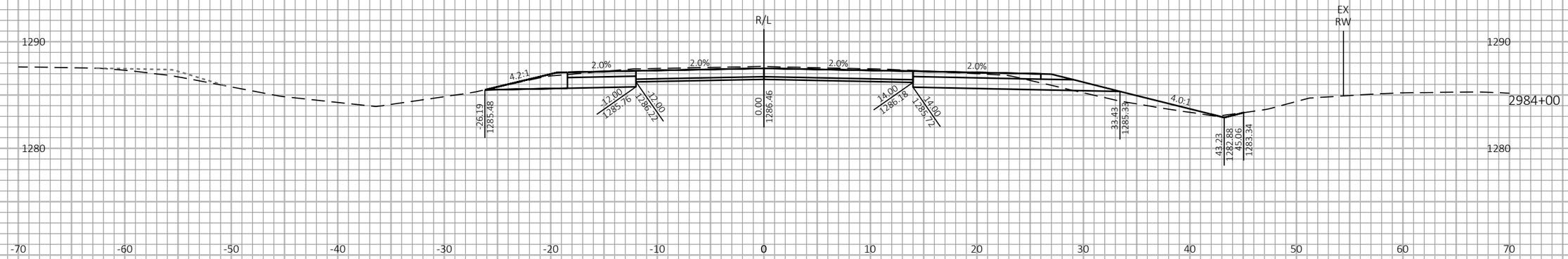
WISDOT/CADDS SHEET 49

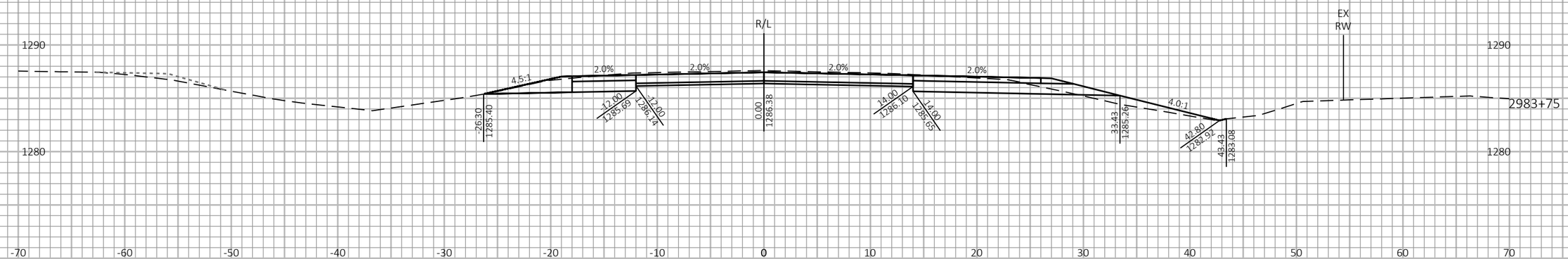
LEGEND

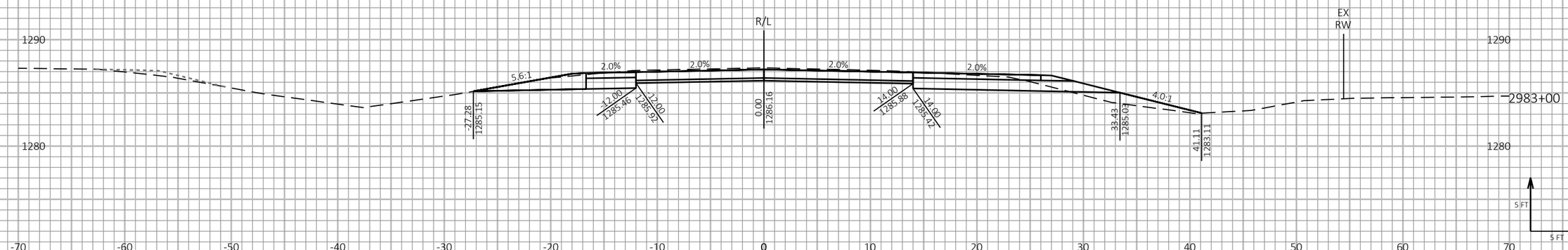
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 554	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 29

PLOT DATE : 10/10/2022 1:17 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

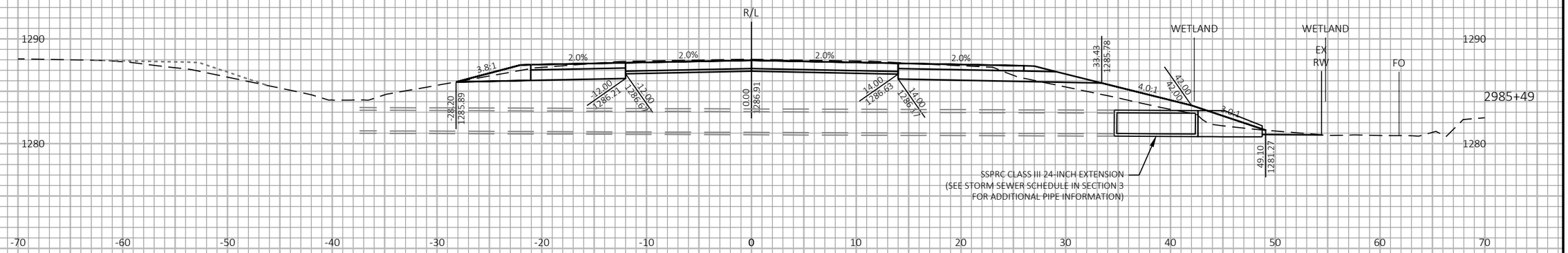
WISDOT/CADDS SHEET 49

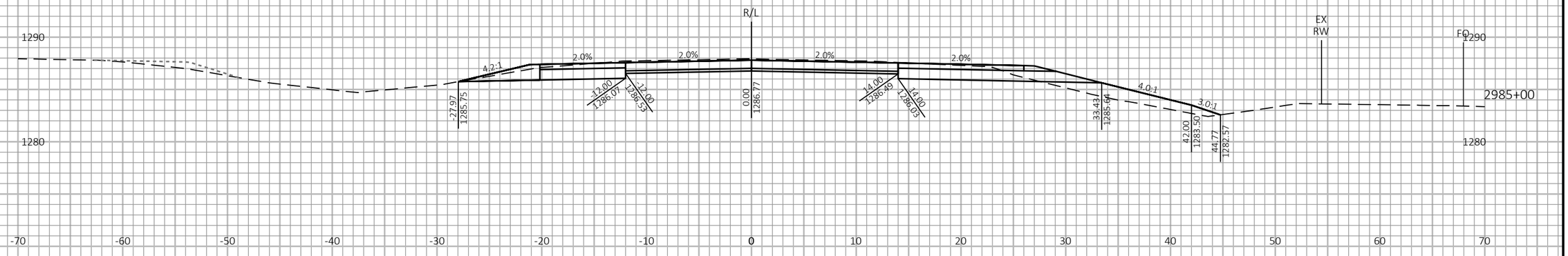
LEGEND

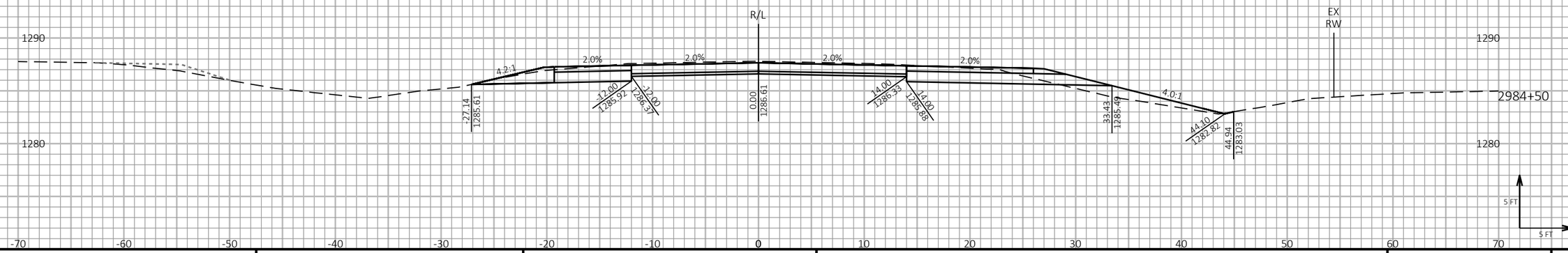
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 555	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 30

PLOT DATE : 10/10/2022 1:17 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

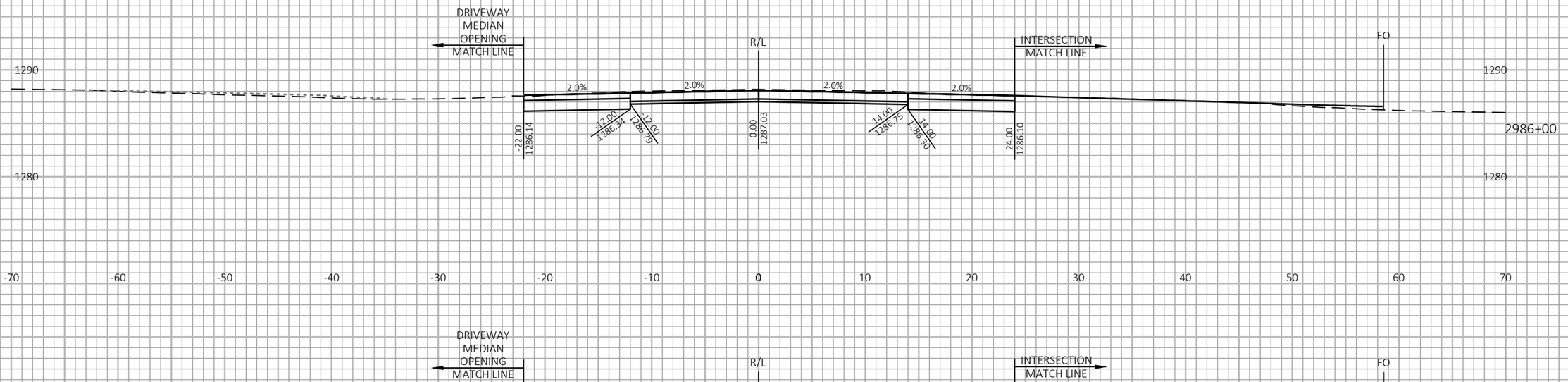
WISDOT/CADDS SHEET 49

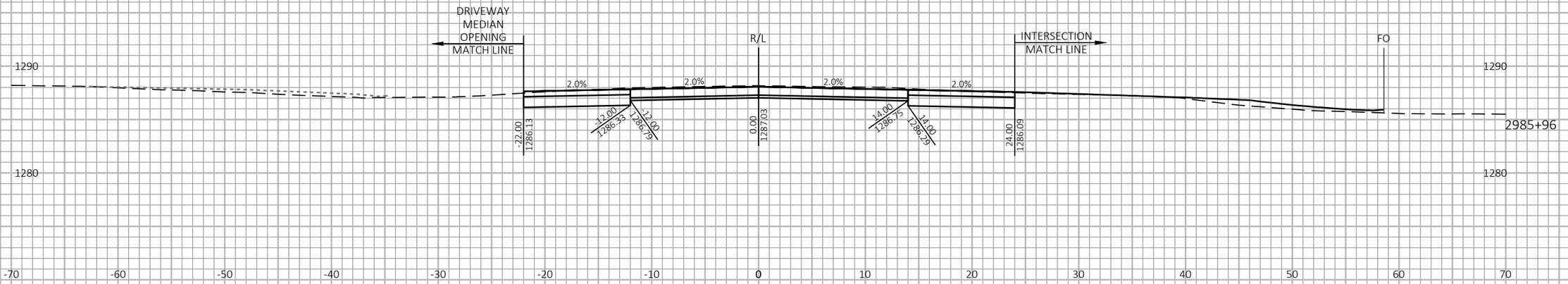
LEGEND

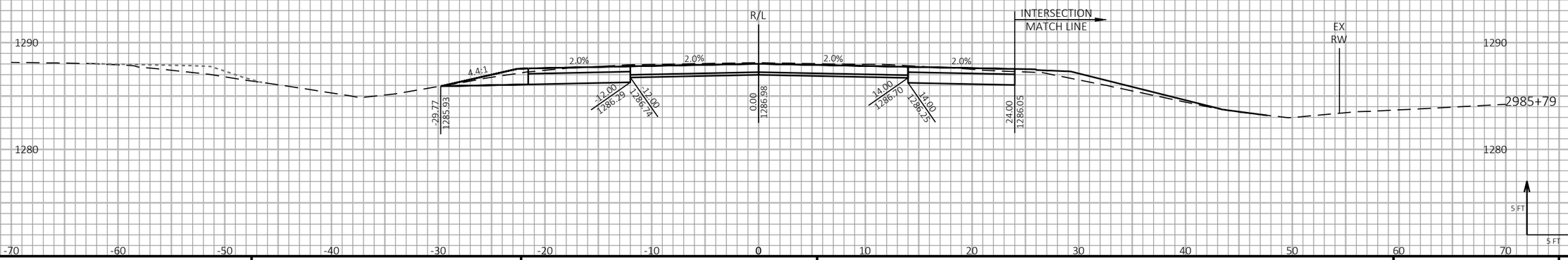
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 556	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 31

PLOT DATE : 10/10/2022 1:18 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

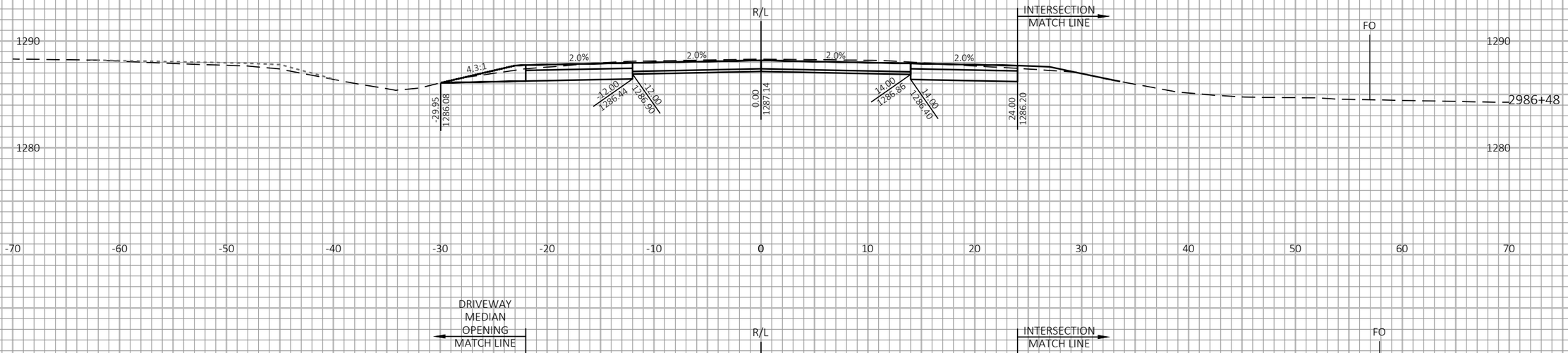
WISDOT/CADDS SHEET 49

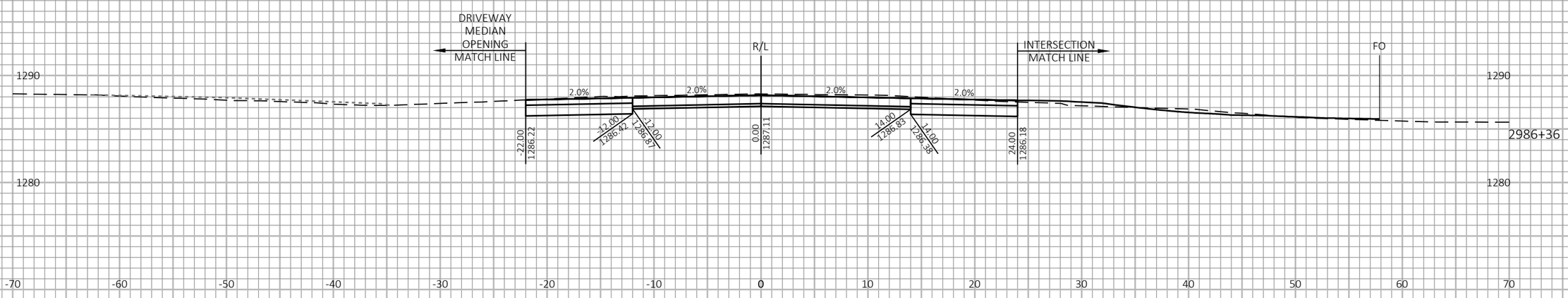
LEGEND

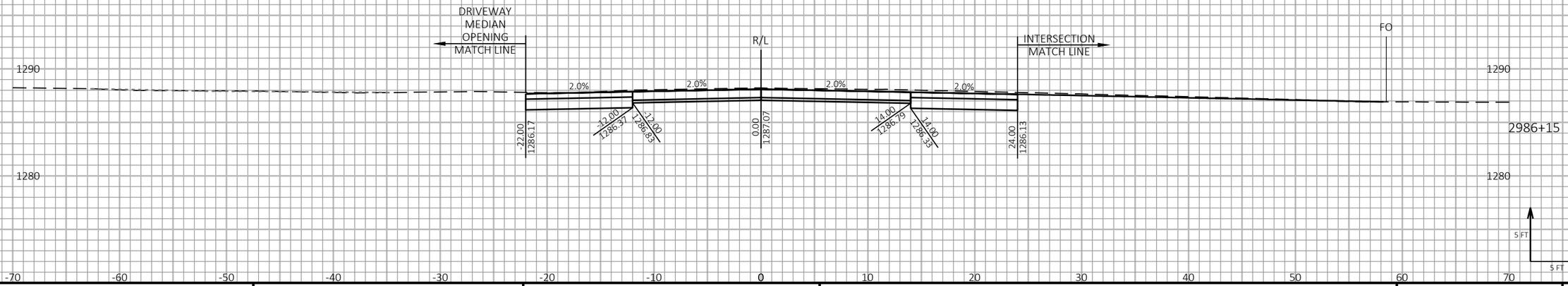
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 557	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 32

PLOT DATE : 10/10/2022 1:18 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

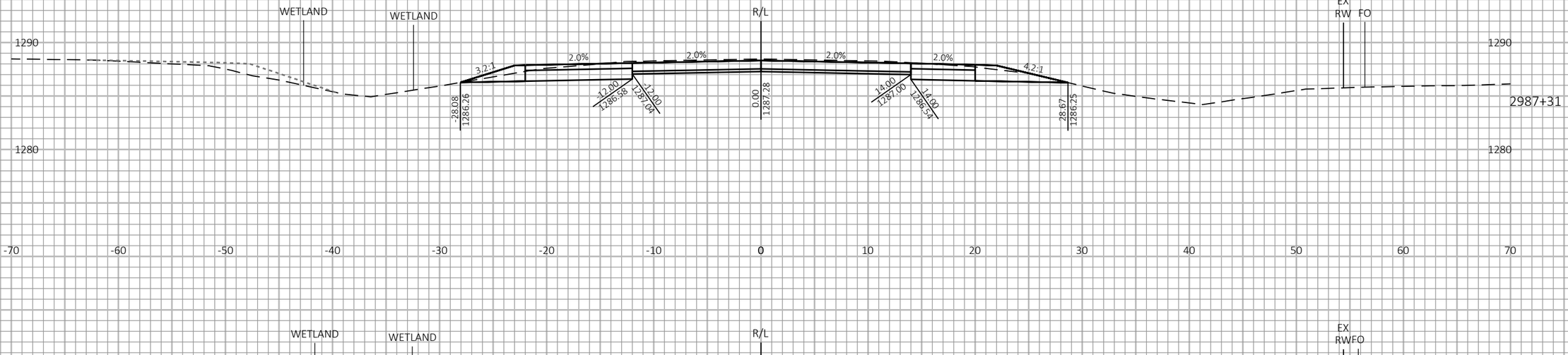
WISDOT/CADDS SHEET 49

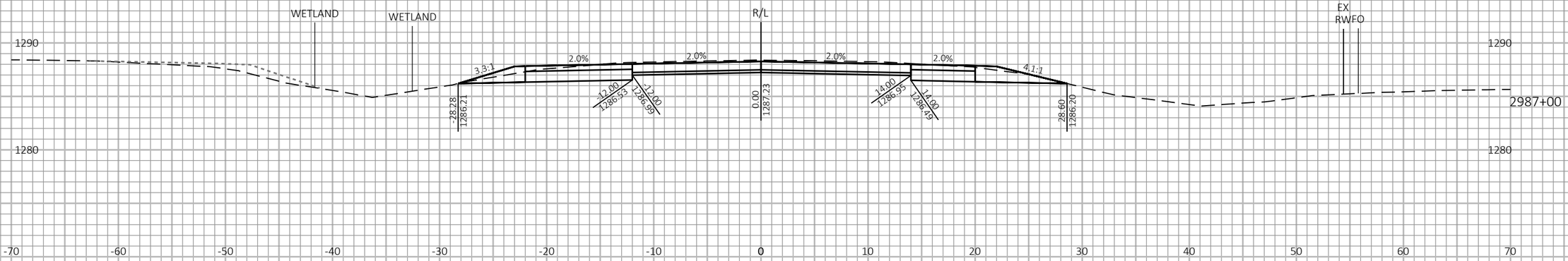
LEGEND

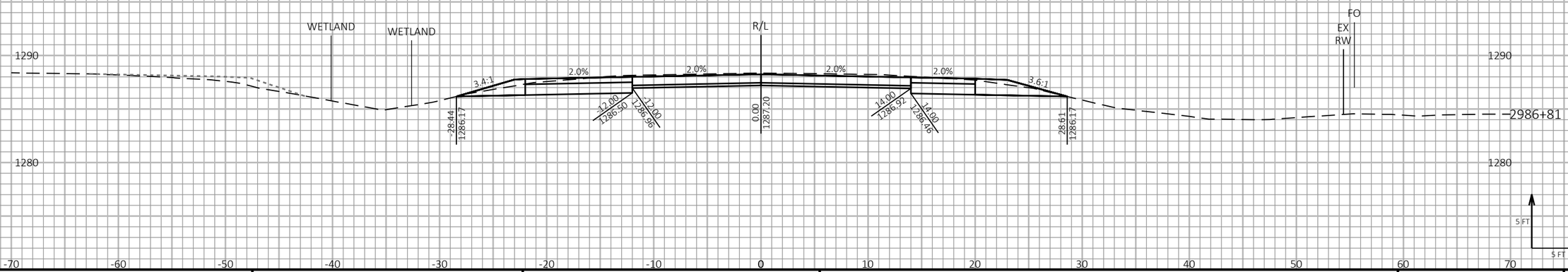
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 558	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 33

PLOT DATE : 10/10/2022 1:18 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

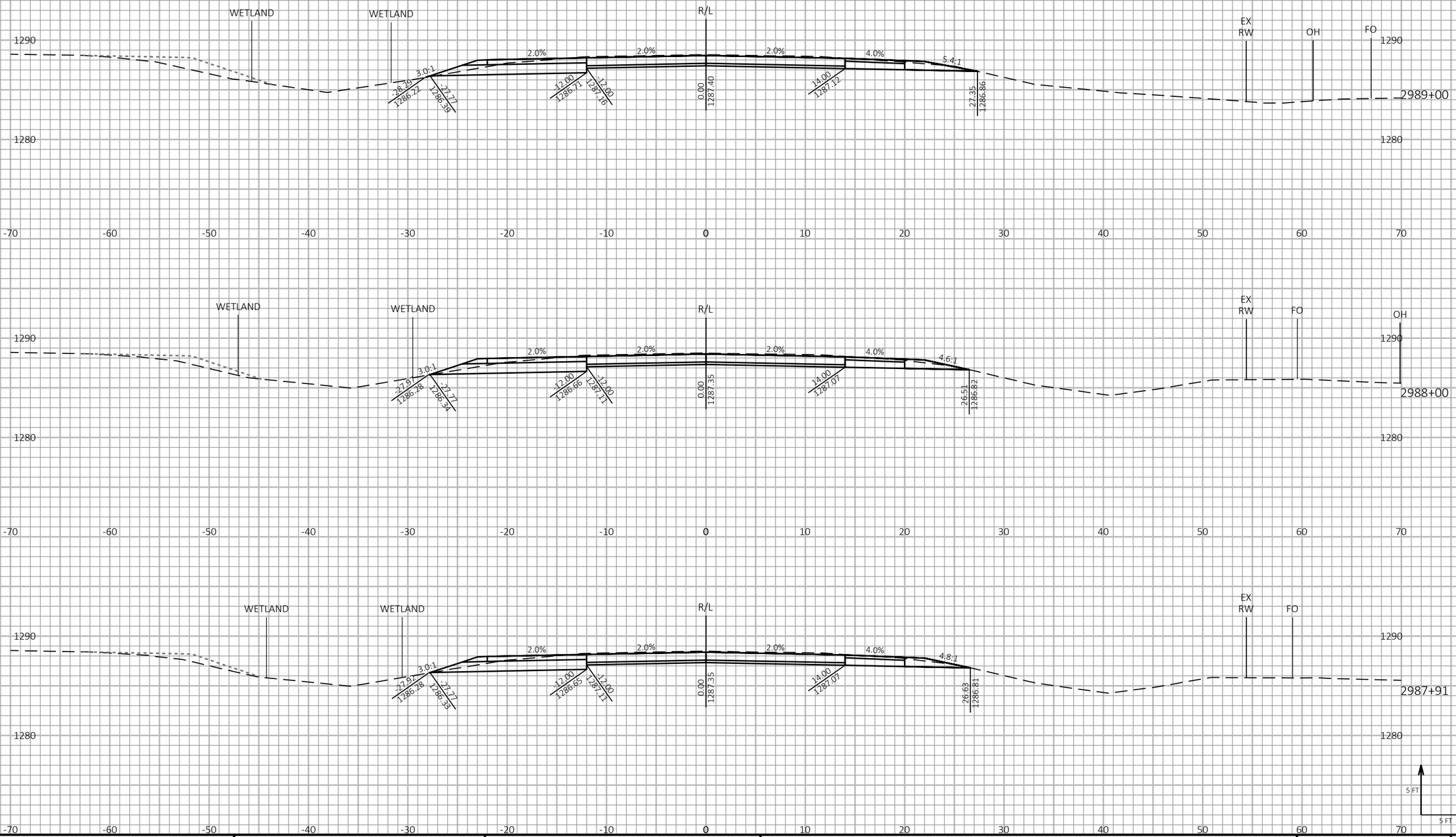
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 559	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 34

PLOT DATE : 10/10/2022 1:18 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

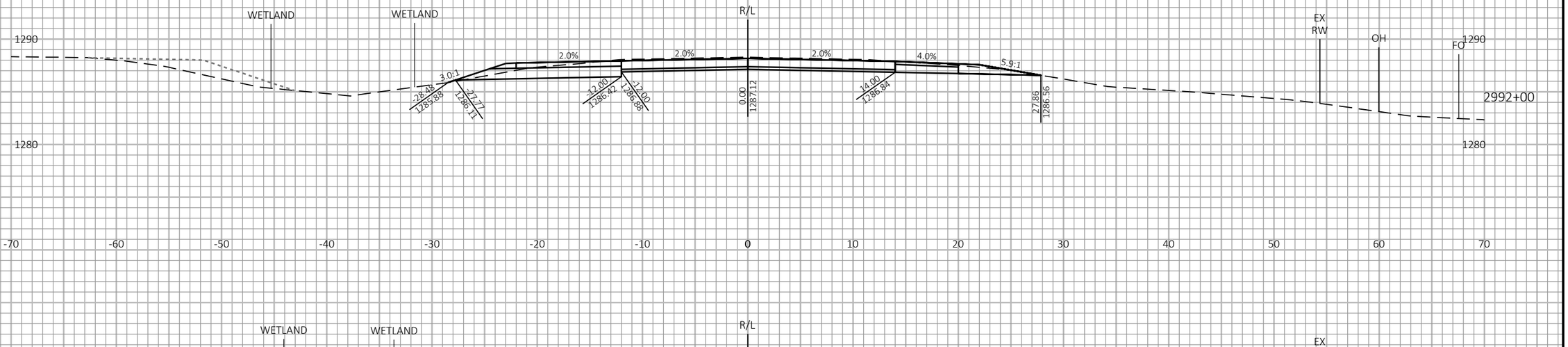
WISDOT/CADDS SHEET 49

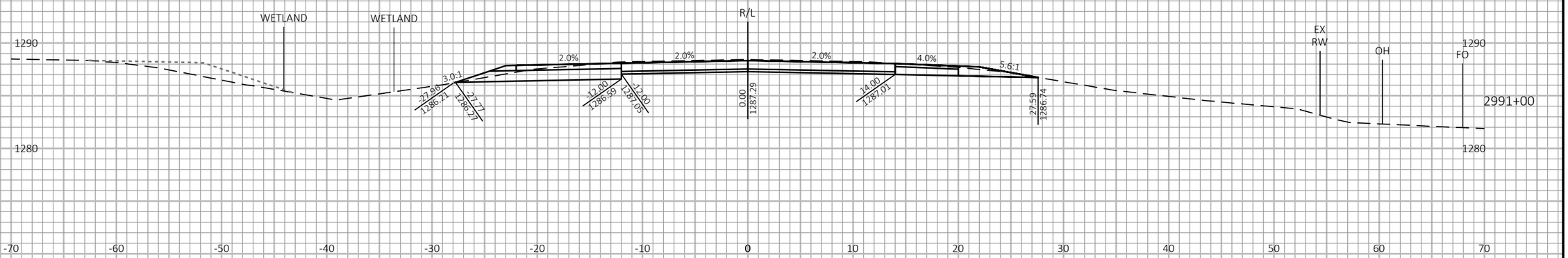
LEGEND

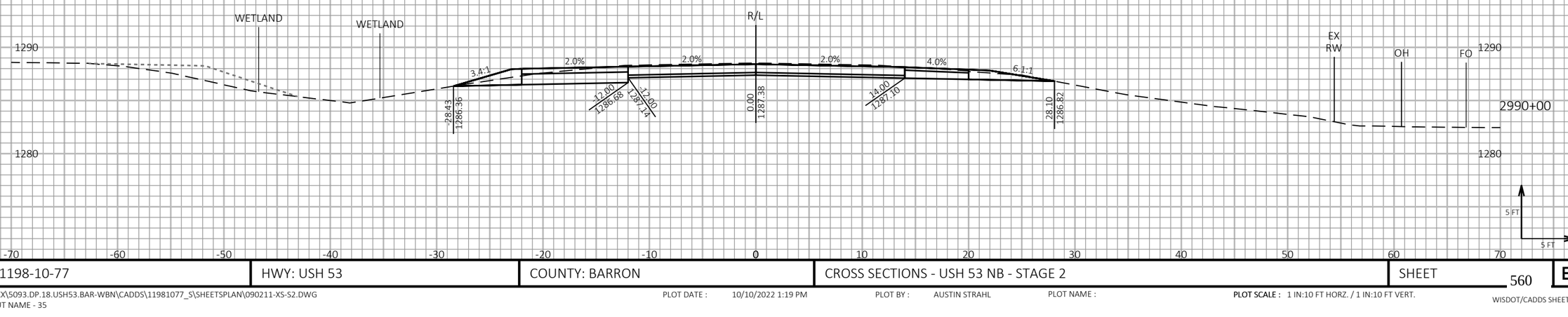
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 560	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 35

PLOT DATE : 10/10/2022 1:19 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

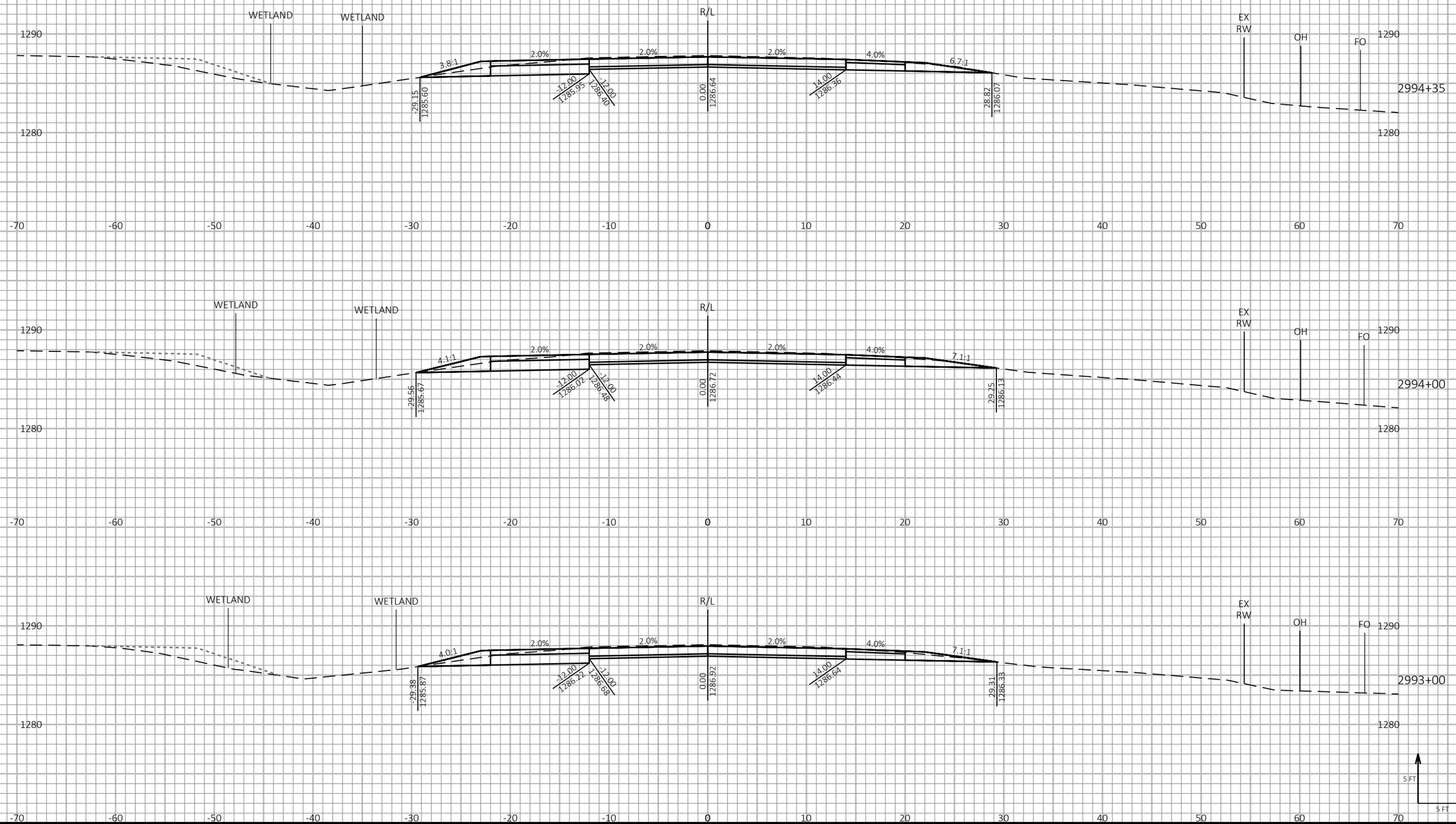
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 561	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 36

PLOT DATE : 10/10/2022 1:19 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

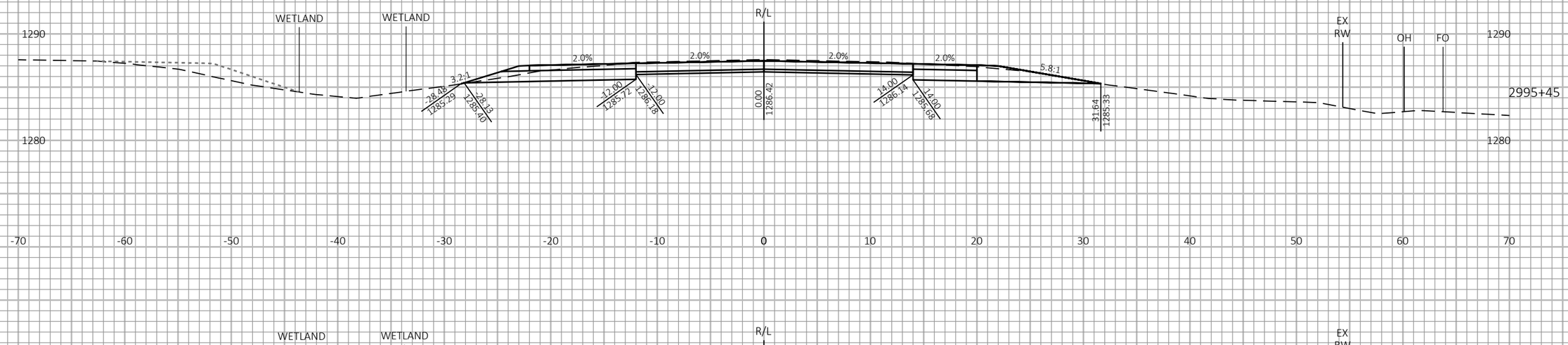
WISDOT/CADDS SHEET 49

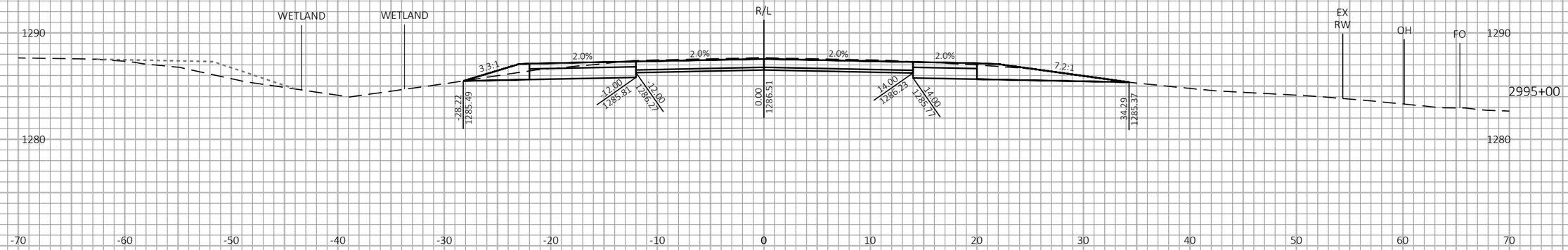
LEGEND

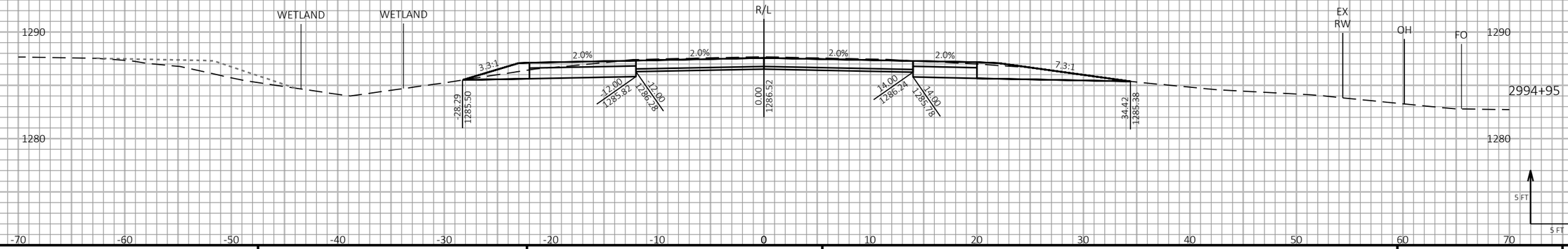
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 562	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 37

PLOT DATE : 10/10/2022 1:19 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

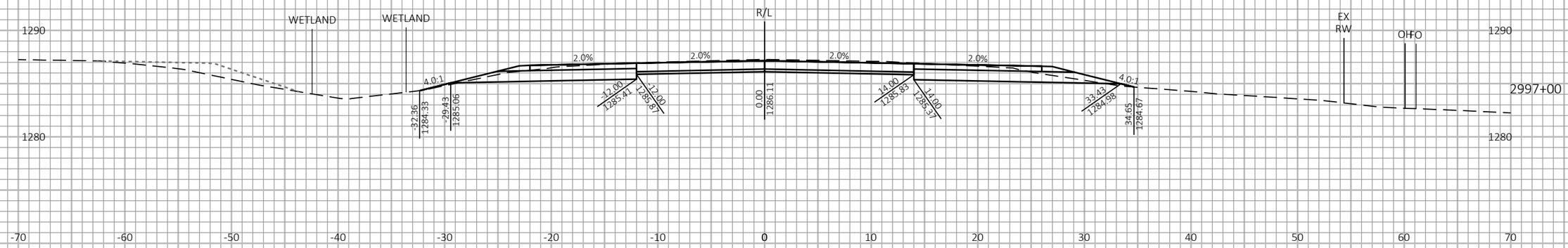
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

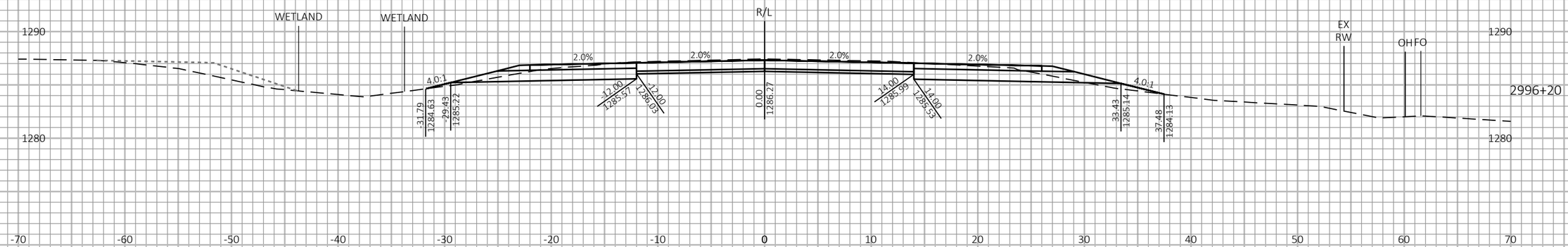
LEGEND

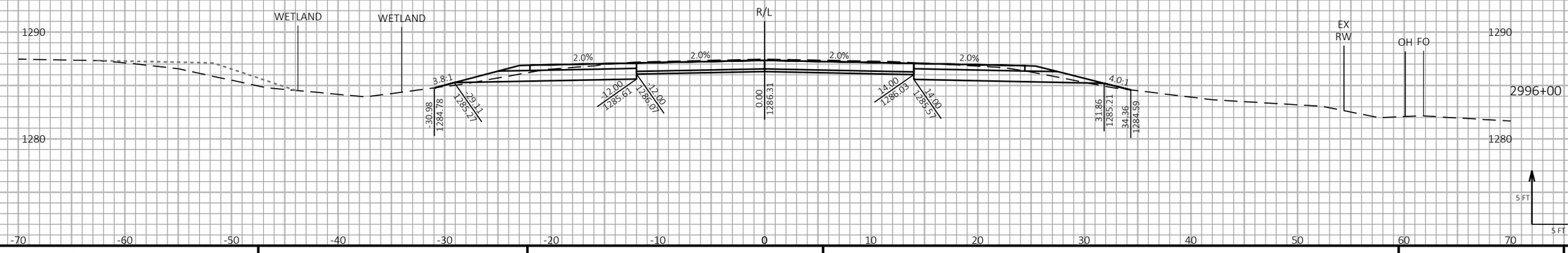
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 563	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 38

PLOT DATE : 10/10/2022 1:19 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

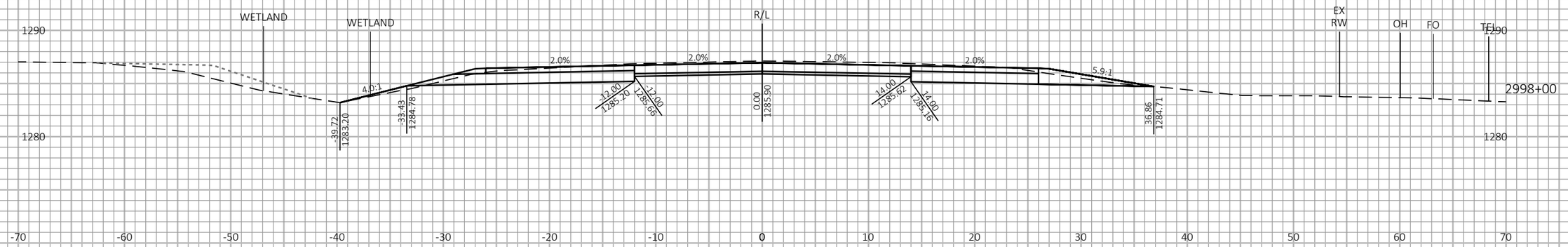
WISDOT/CADDS SHEET 49

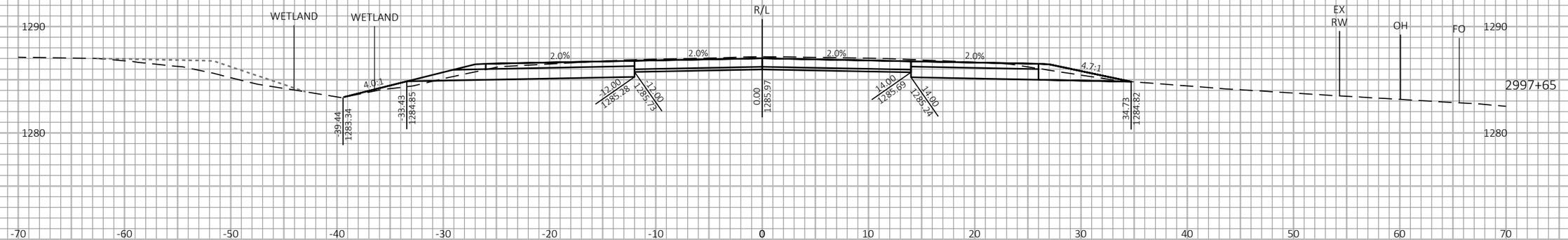
LEGEND

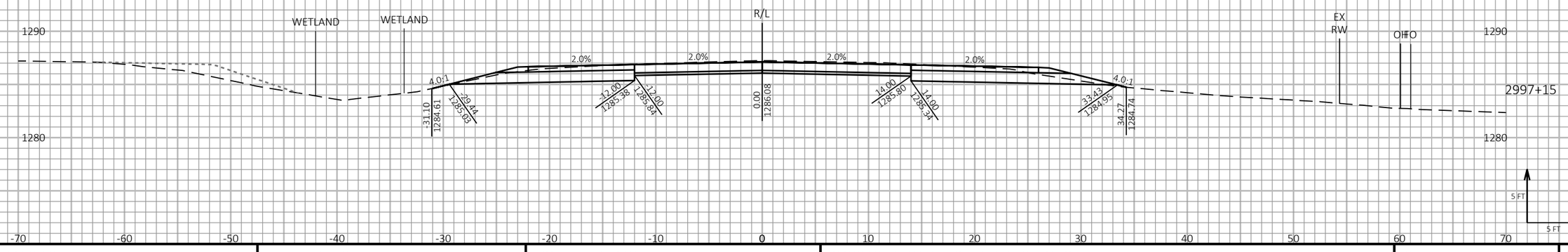
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 564	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 39

PLOT DATE : 10/10/2022 1:20 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

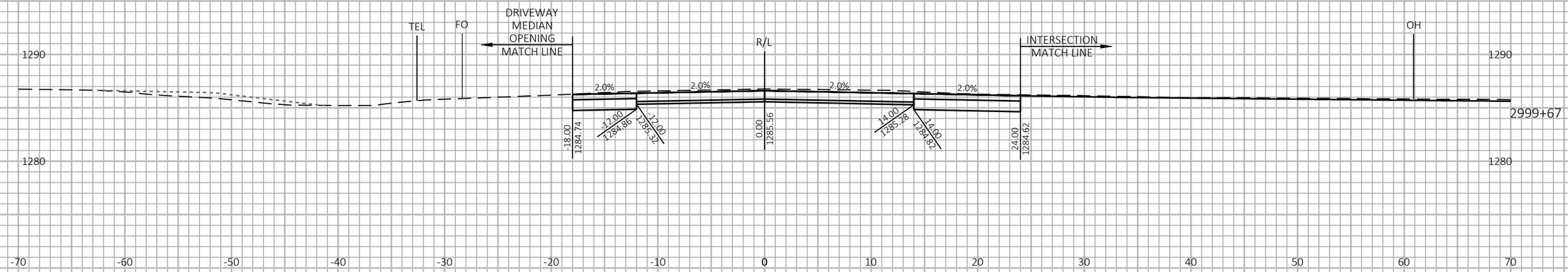
WISDOT/CADDS SHEET 49

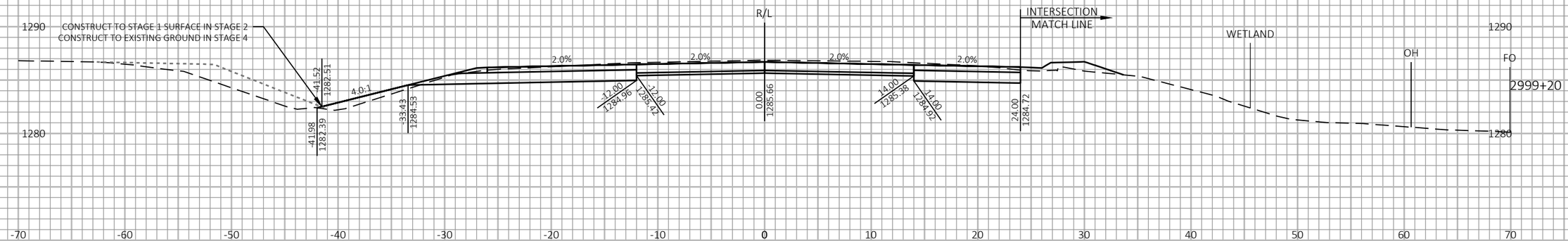
LEGEND

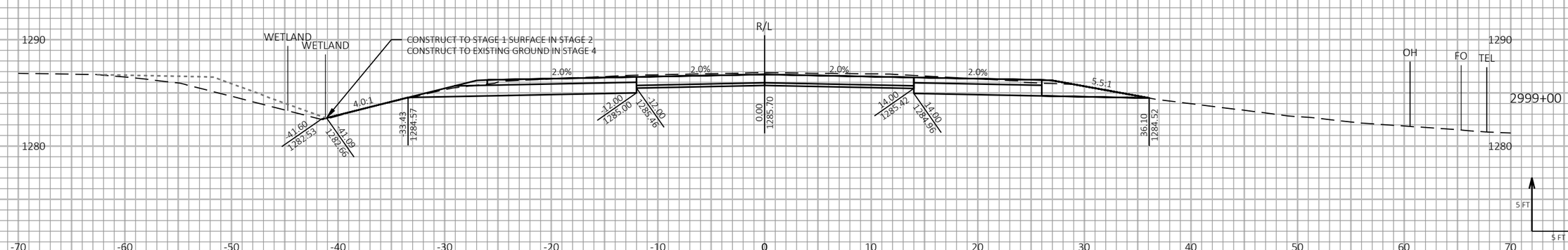
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 565	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 40

PLOT DATE : 10/10/2022 1:20 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

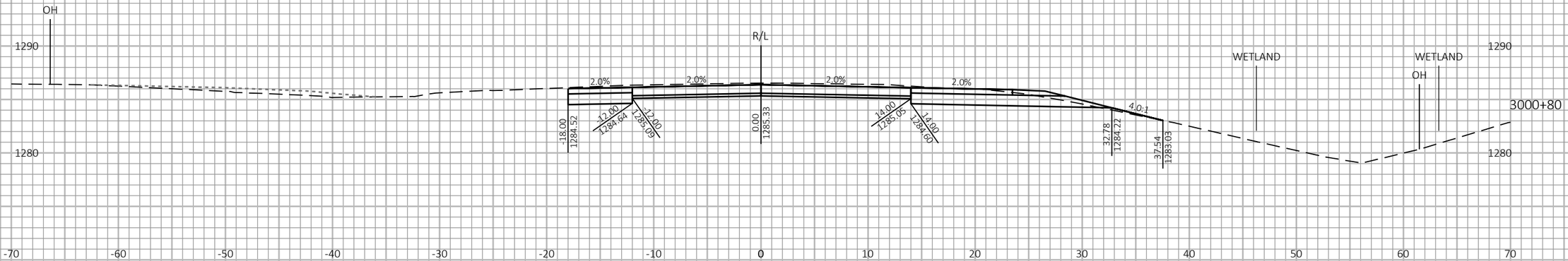
WISDOT/CADDS SHEET 49

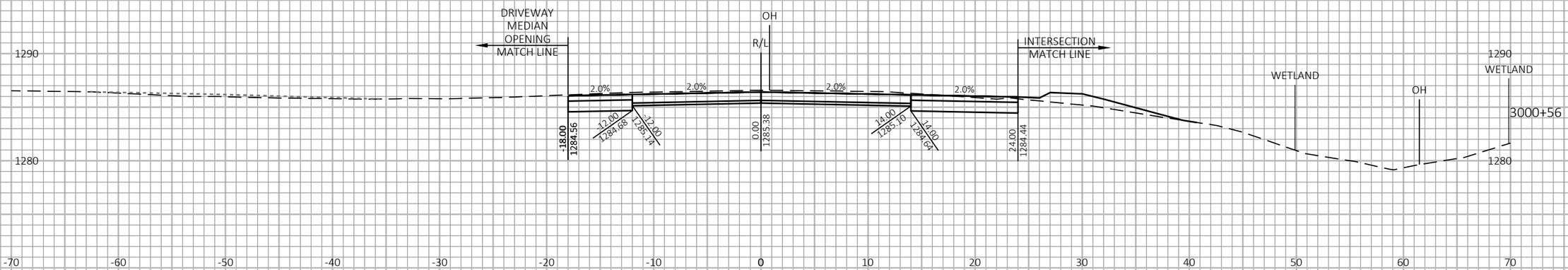
LEGEND

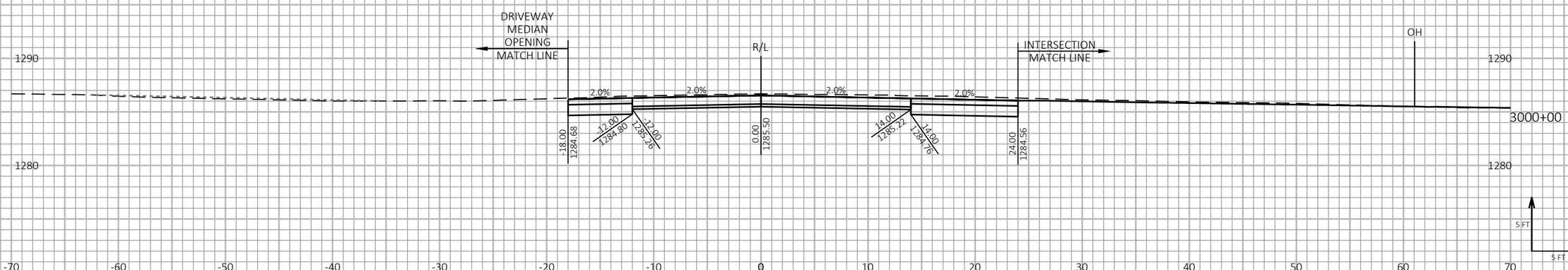
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 566	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 41

PLOT DATE : 10/10/2022 1:20 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

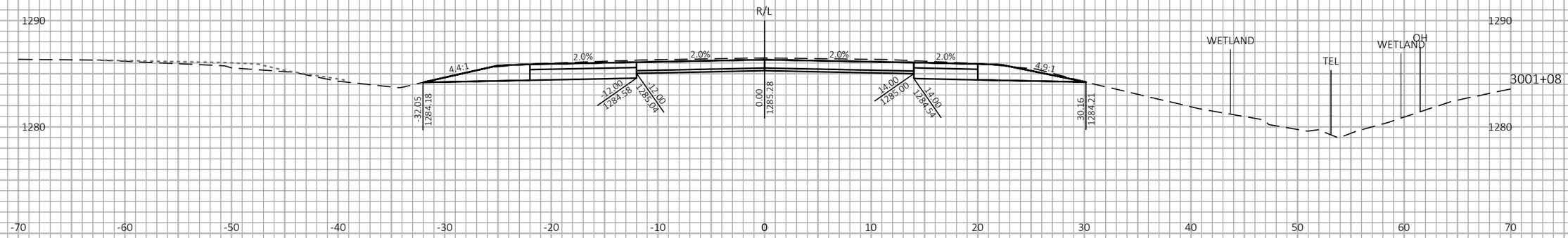
WISDOT/CADDS SHEET 49

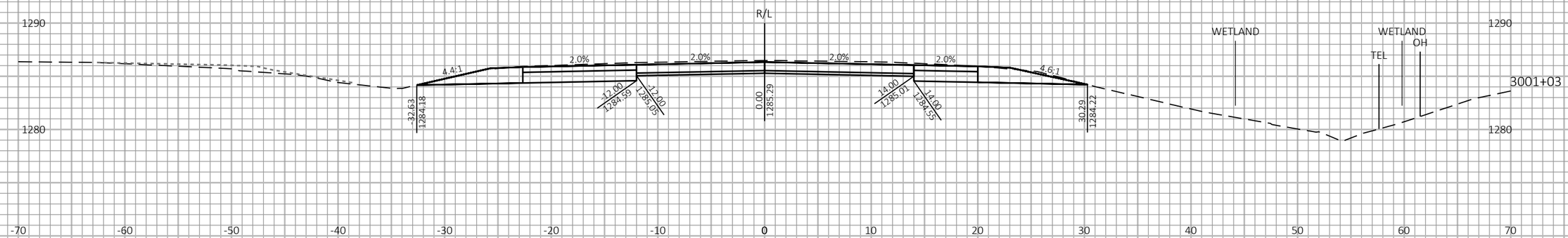
LEGEND

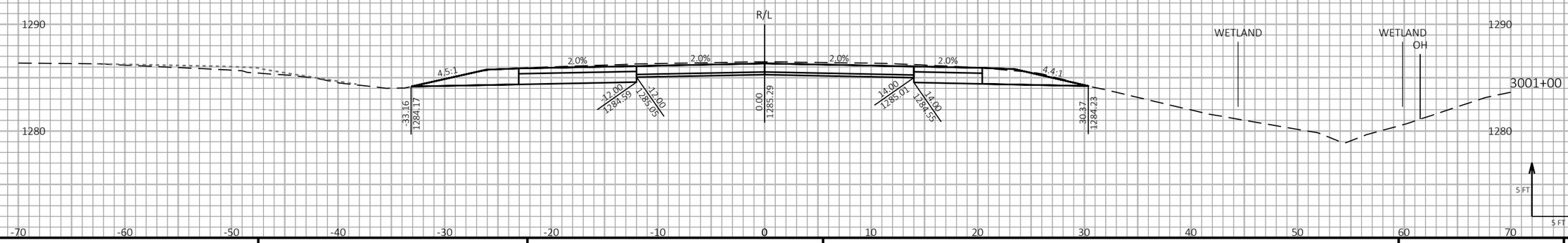
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 567	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 42

PLOT DATE : 10/10/2022 1:20 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

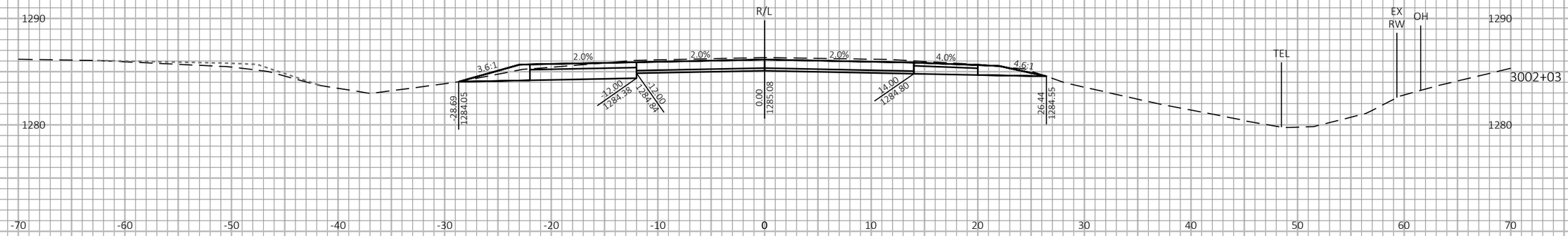
WISDOT/CADDS SHEET 49

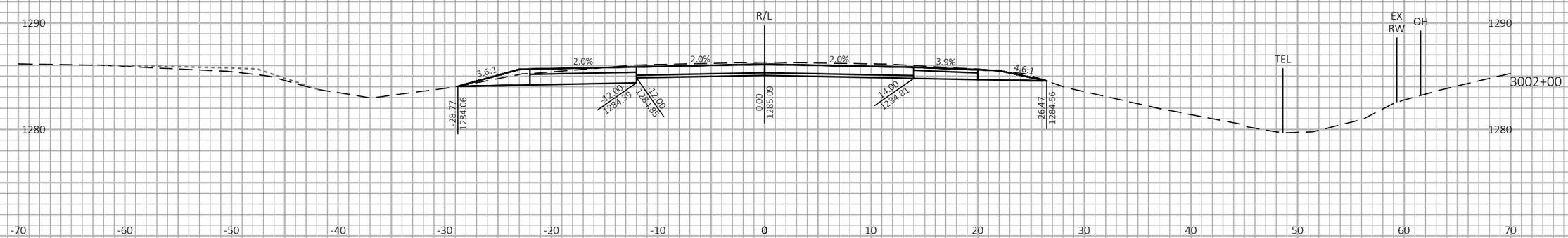
LEGEND

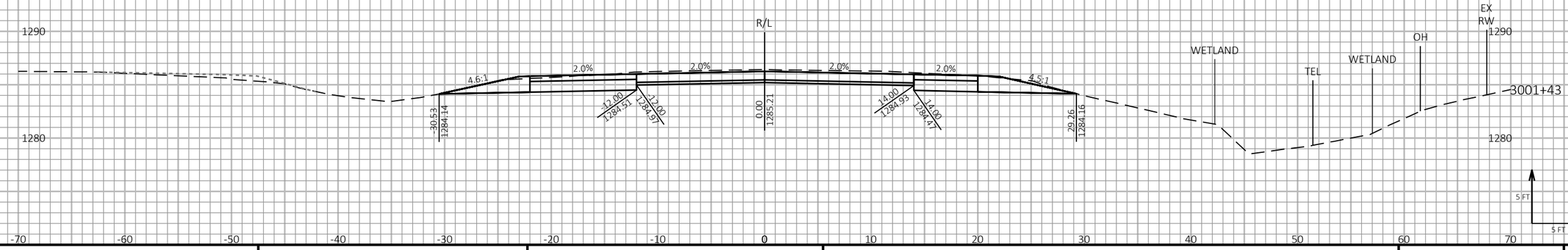
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 568	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 43

PLOT DATE : 10/10/2022 1:20 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

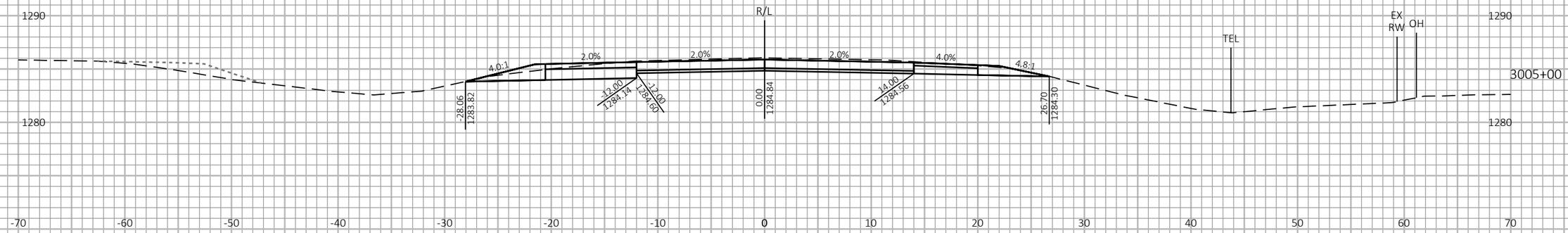
WISDOT/CADDS SHEET 49

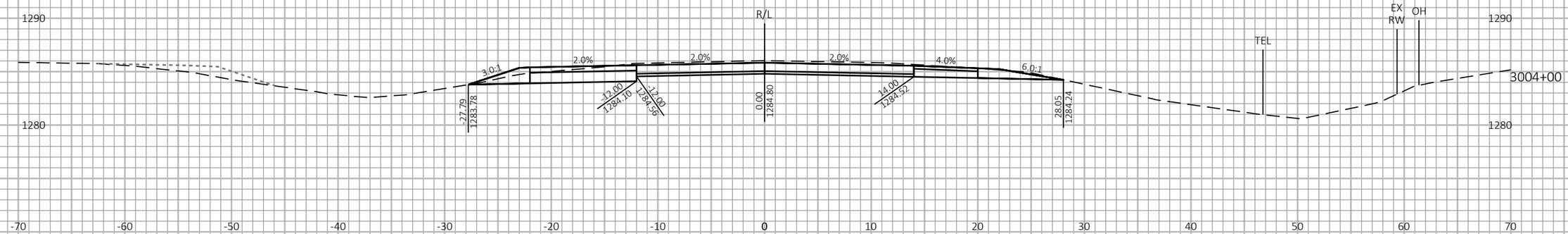
LEGEND

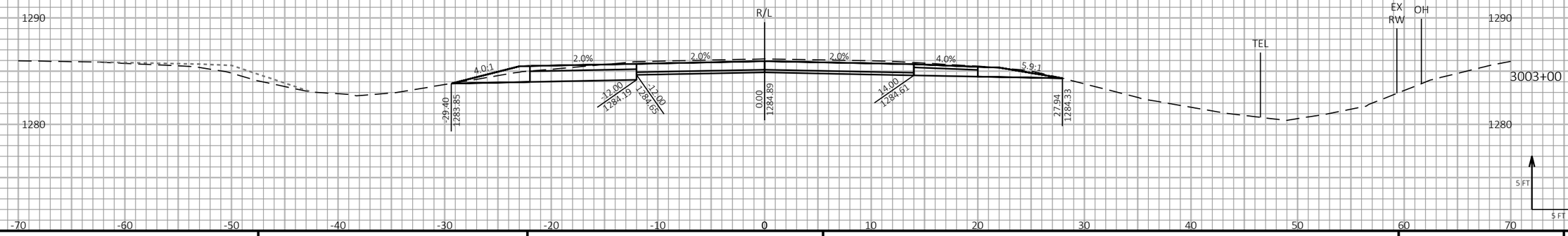
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 569	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 44

PLOT DATE : 10/10/2022 1:21 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

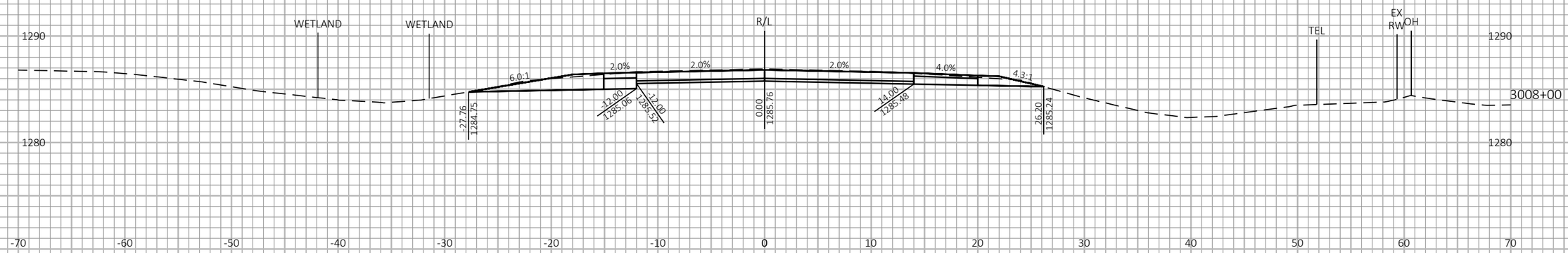
WISDOT/CADDS SHEET 49

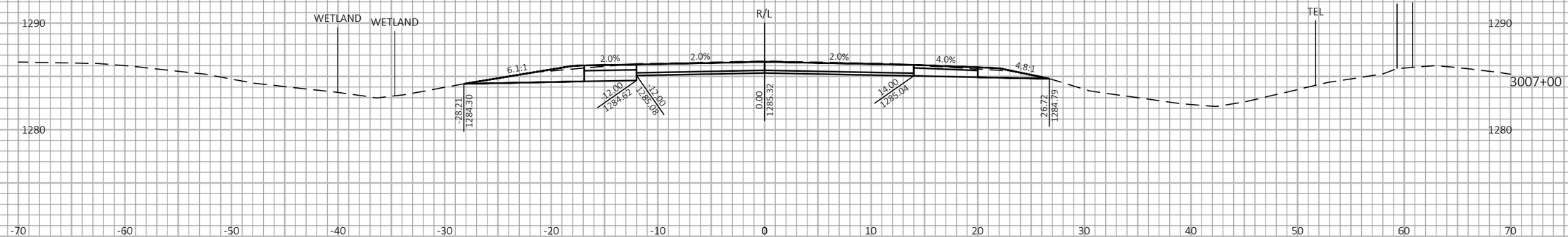
LEGEND

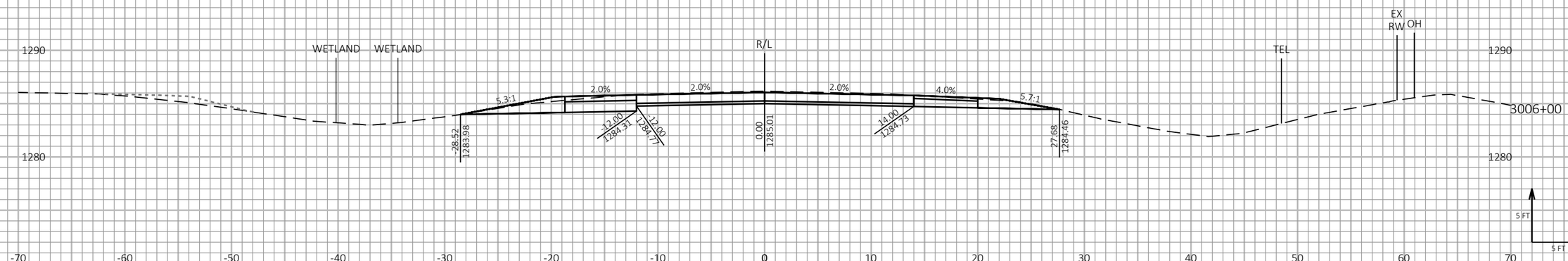
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 570	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 45

PLOT DATE : 10/10/2022 1:21 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

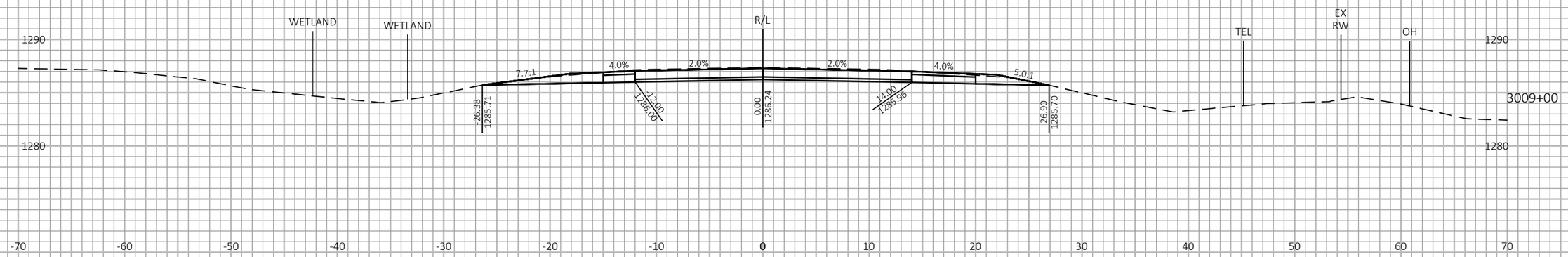
LEGEND

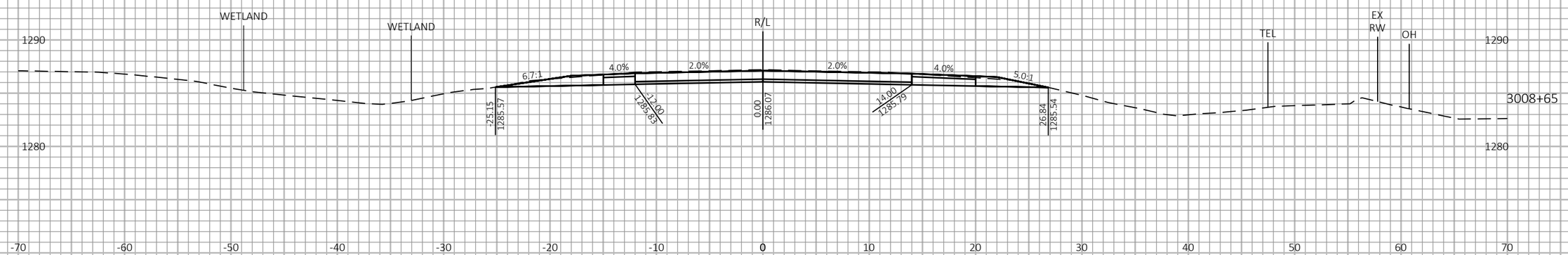
EXISTING GROUND

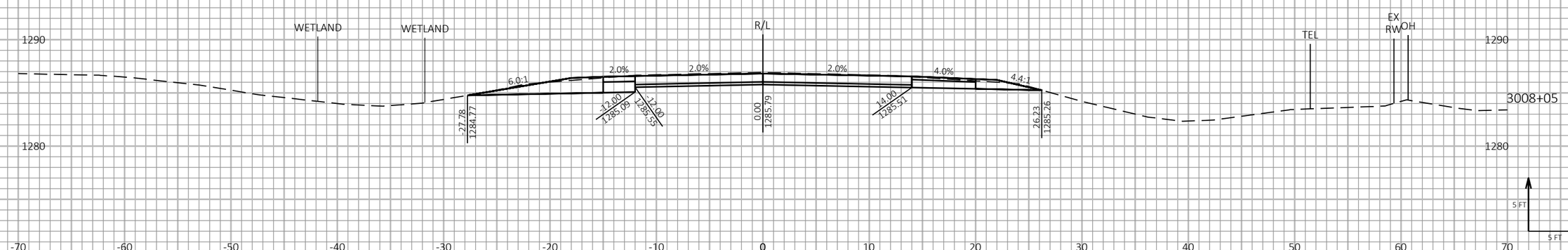
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

END USE OF BARRON COUNTY COORDINATES
BEGIN USE OF WASHBURN COUNTY COORDINATES







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 571	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090211-XS-S2.DWG
LAYOUT NAME - 46

PLOT DATE : 10/10/2022 1:21 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

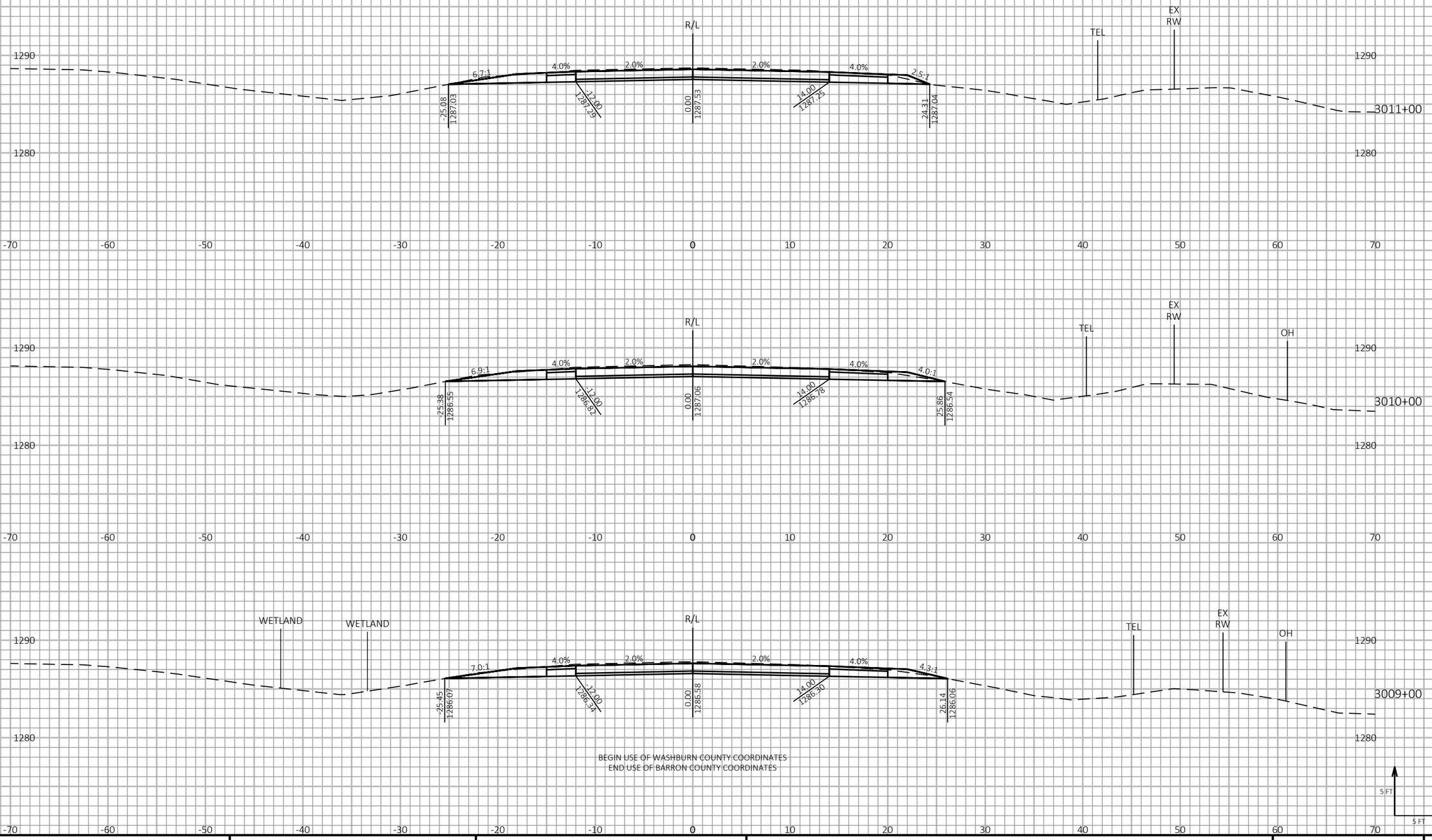
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 572	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 3/25/2022 8:10 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

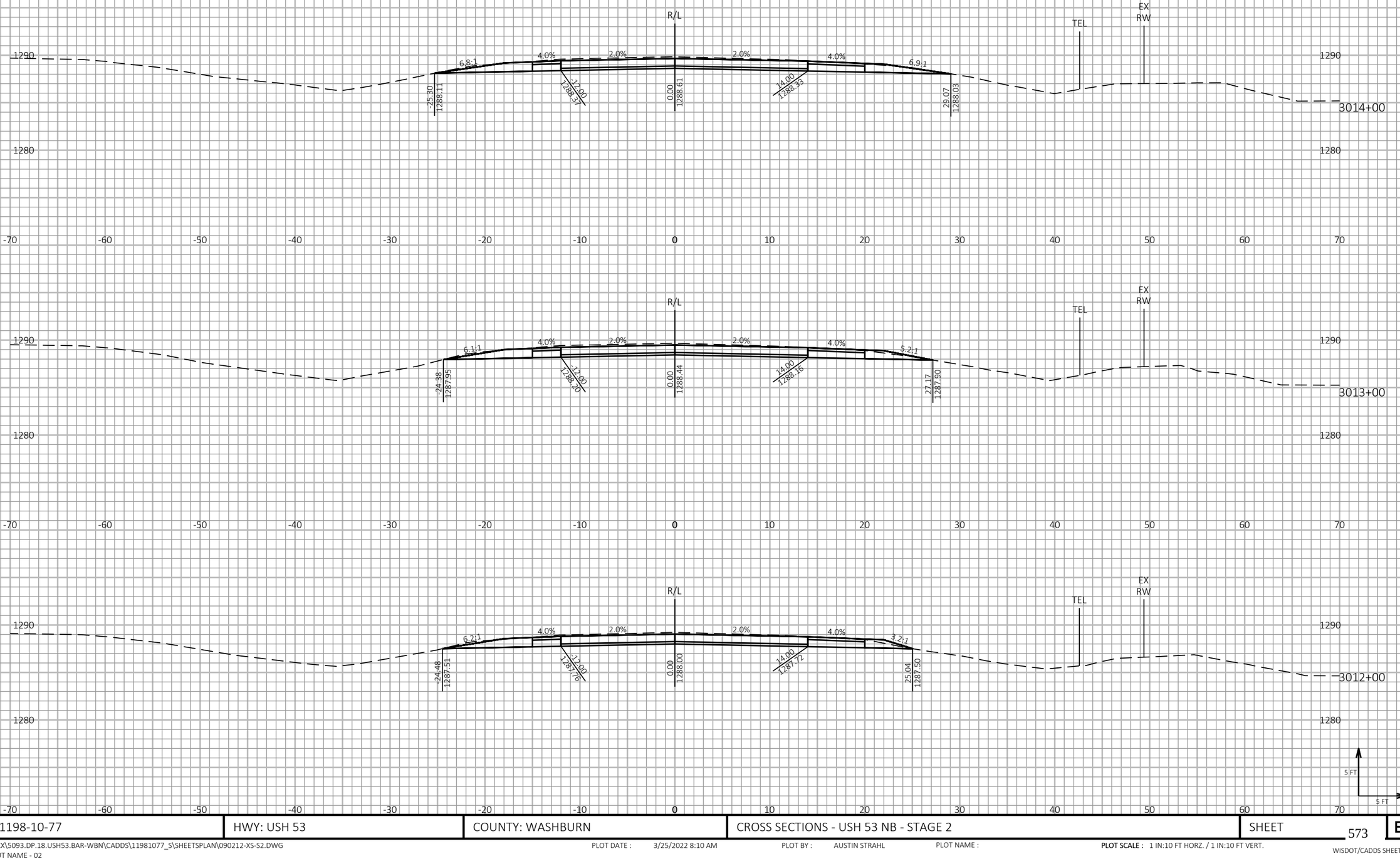
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 573	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 3/25/2022 8:10 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

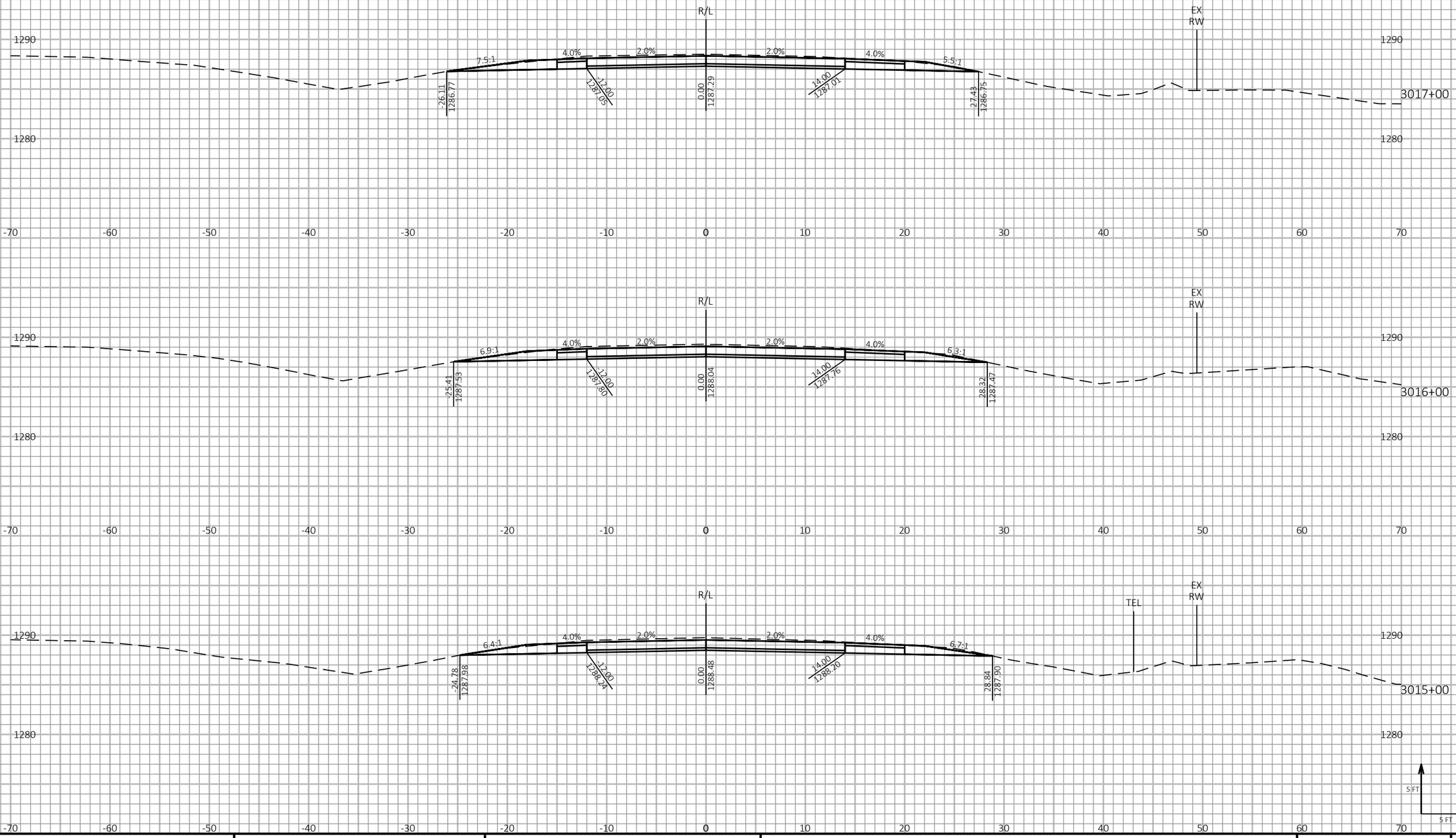
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 574	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 3/25/2022 8:10 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

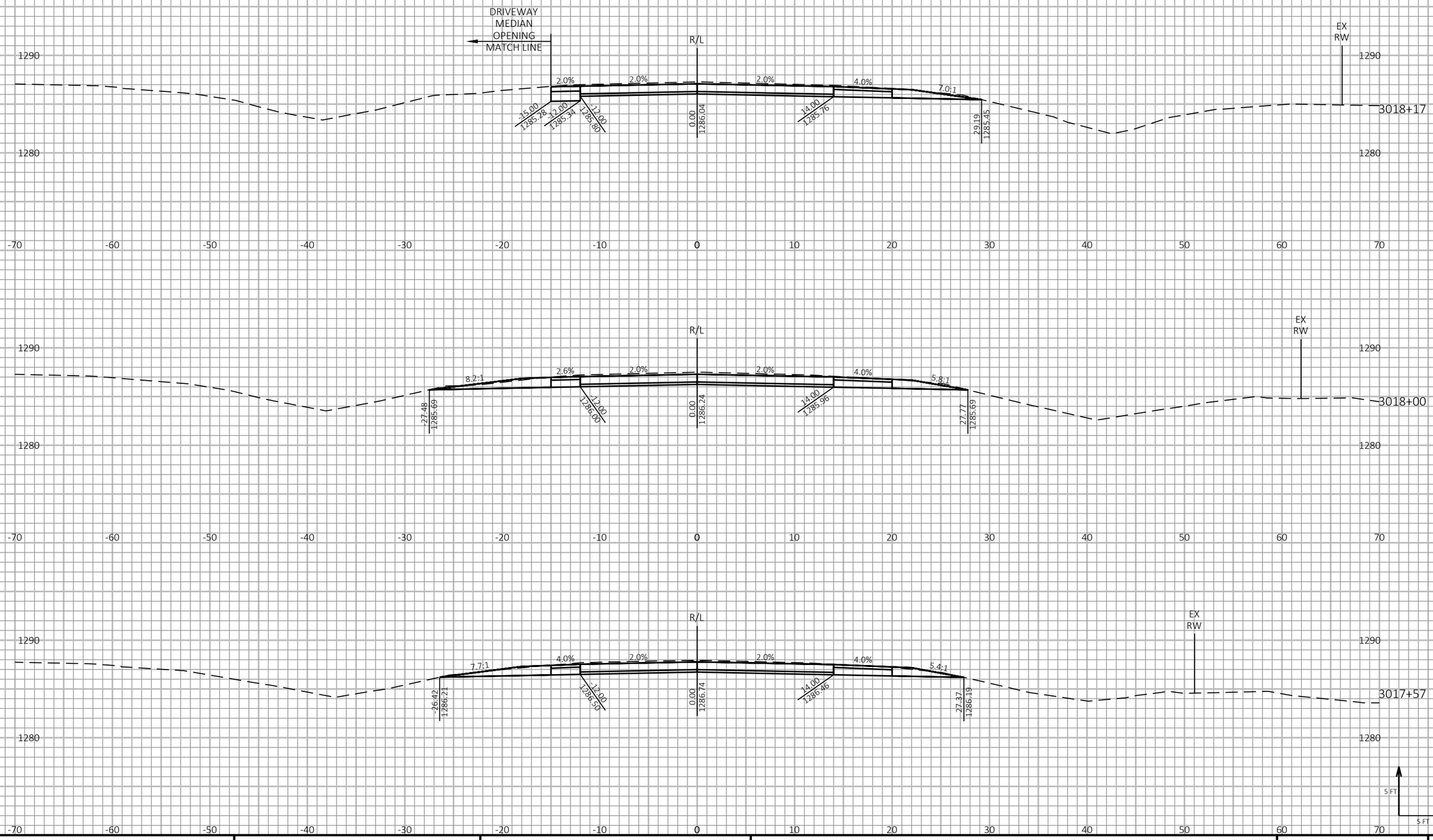
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 575	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 3/25/2022 8:10 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

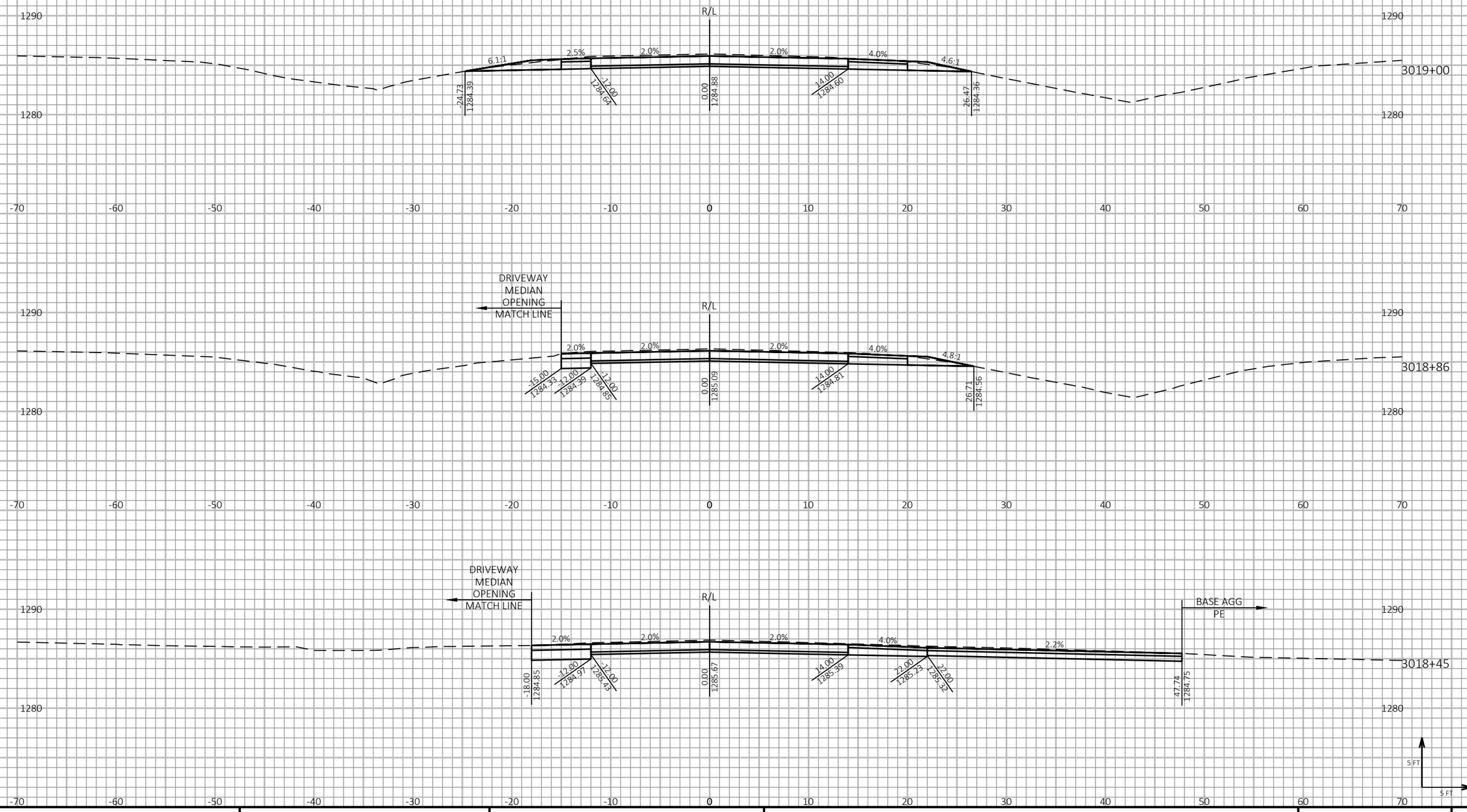
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 576	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 3/25/2022 8:11 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

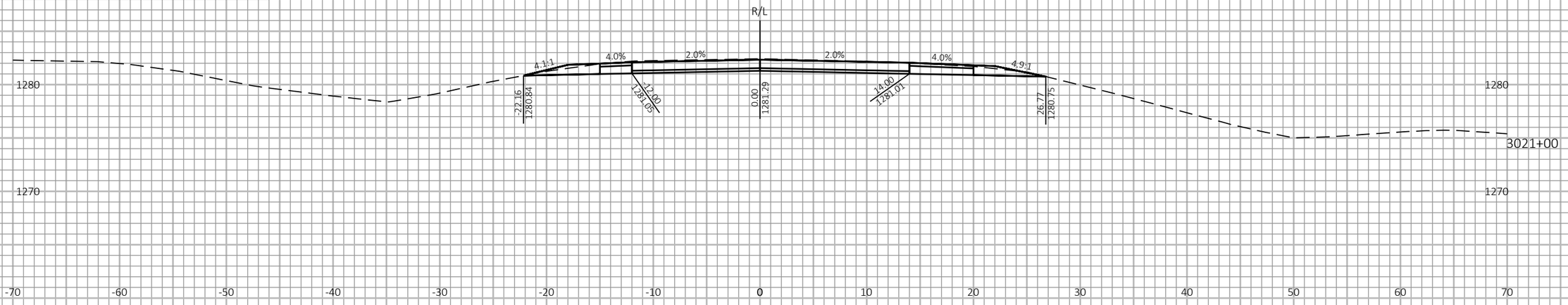
WISDOT/CADDS SHEET 49

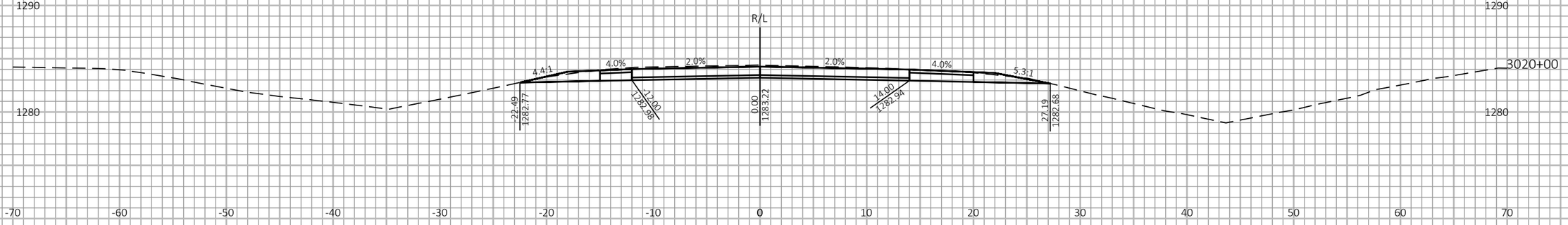
LEGEND

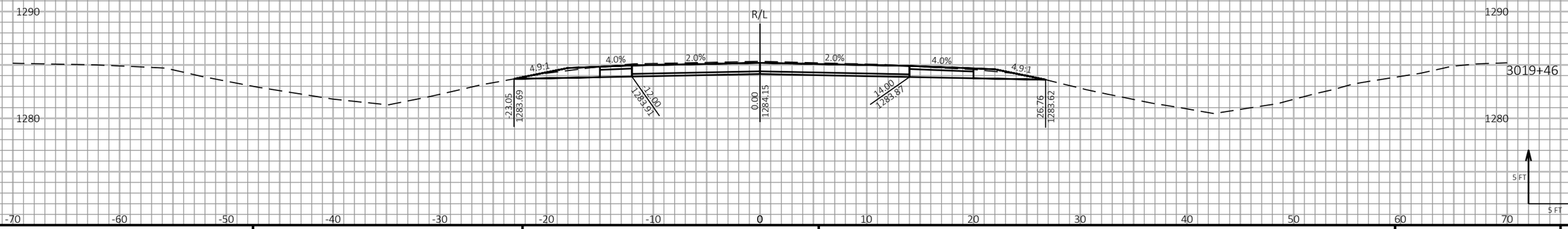
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 577	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 3/25/2022 8:11 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

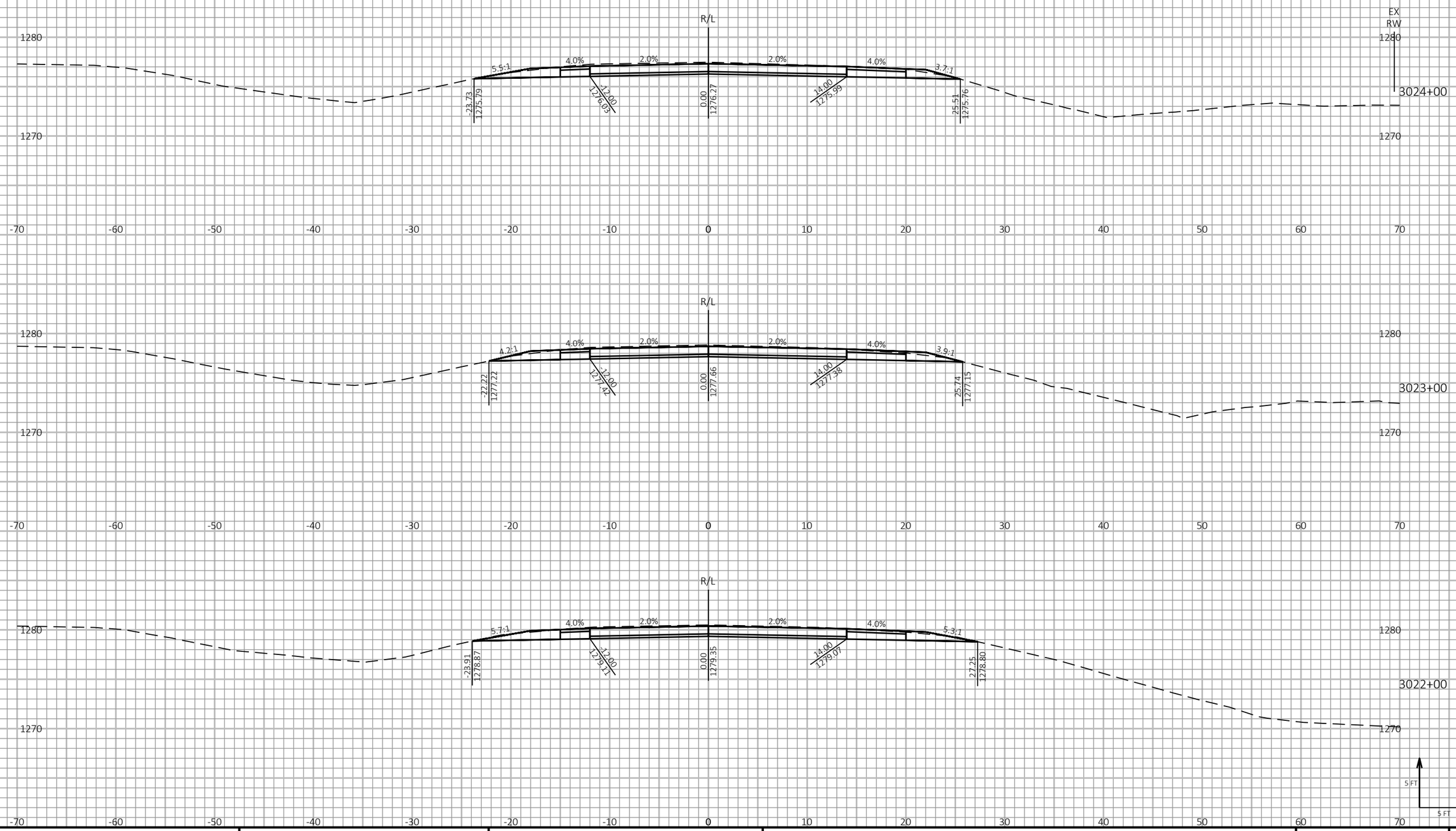
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 578	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 3/25/2022 8:11 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

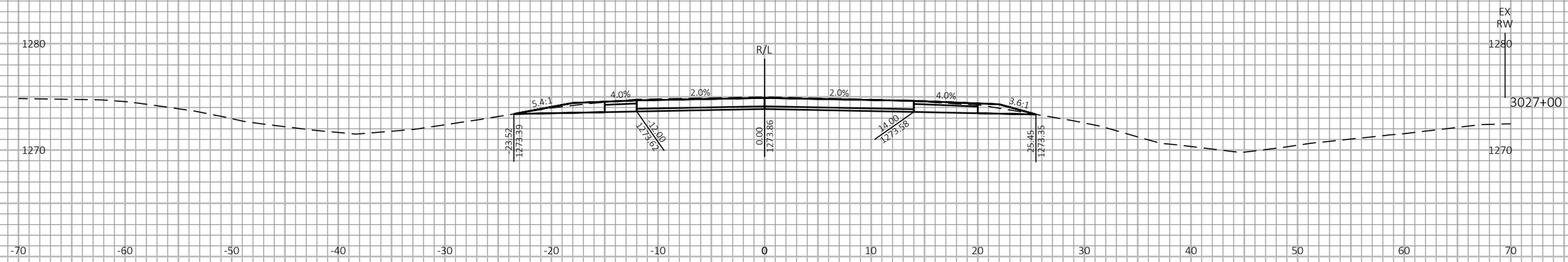
WISDOT/CADDS SHEET 49

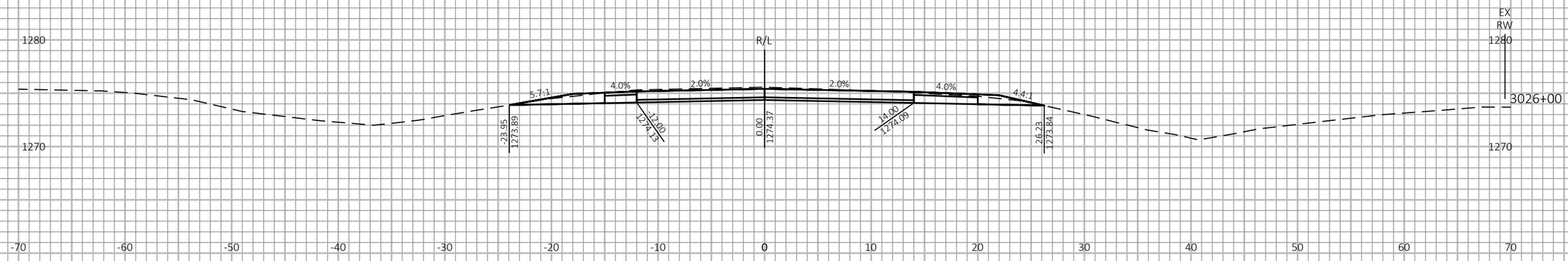
LEGEND

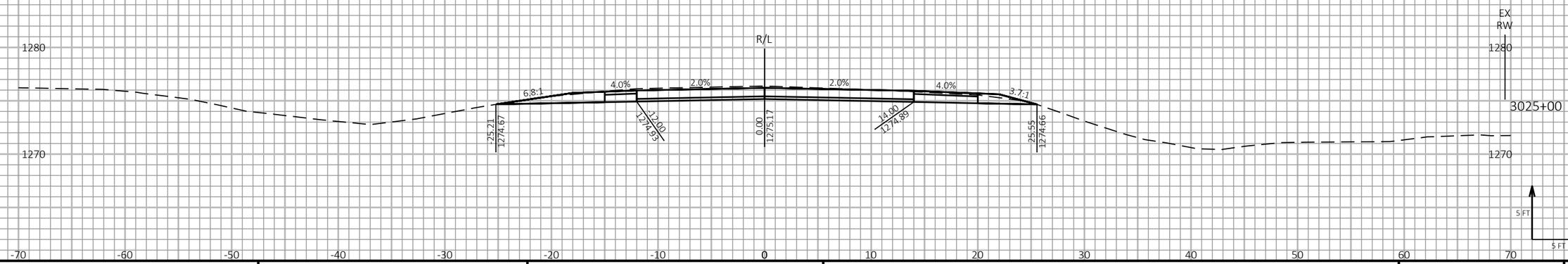
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 579	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 3/25/2022 8:11 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

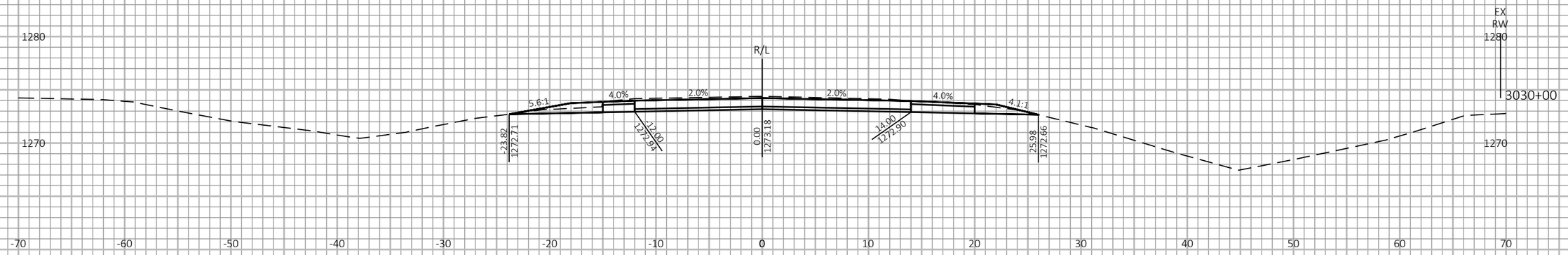
WISDOT/CADDS SHEET 49

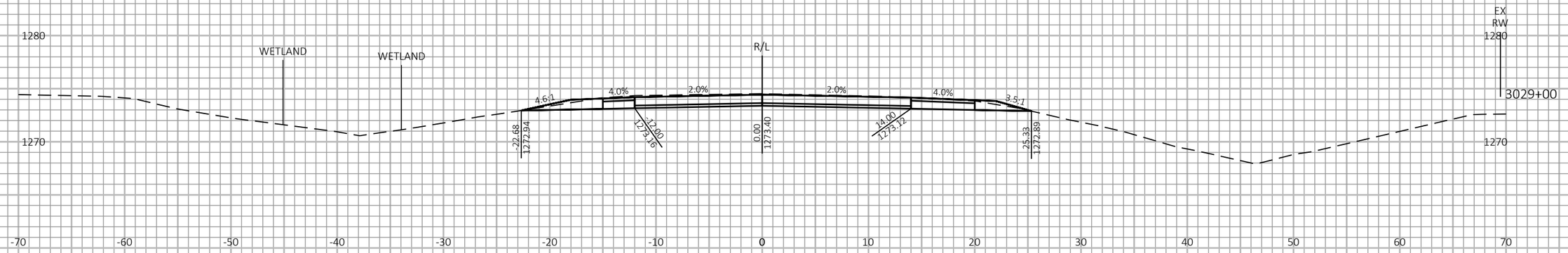
LEGEND

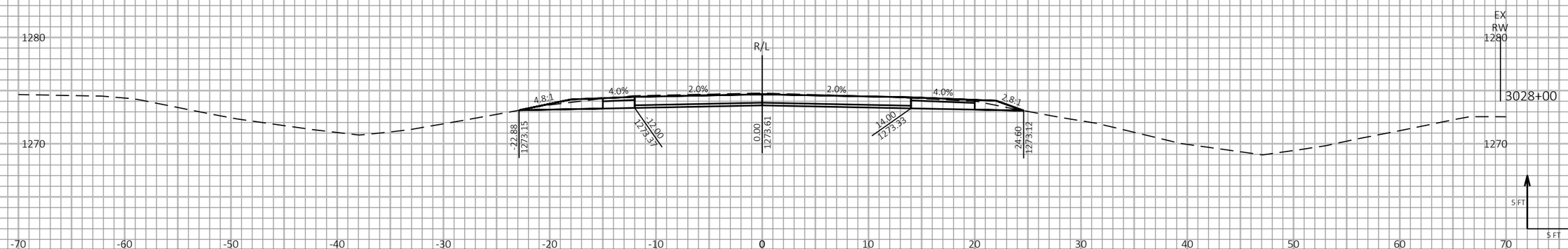
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 580	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 3/25/2022 8:11 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

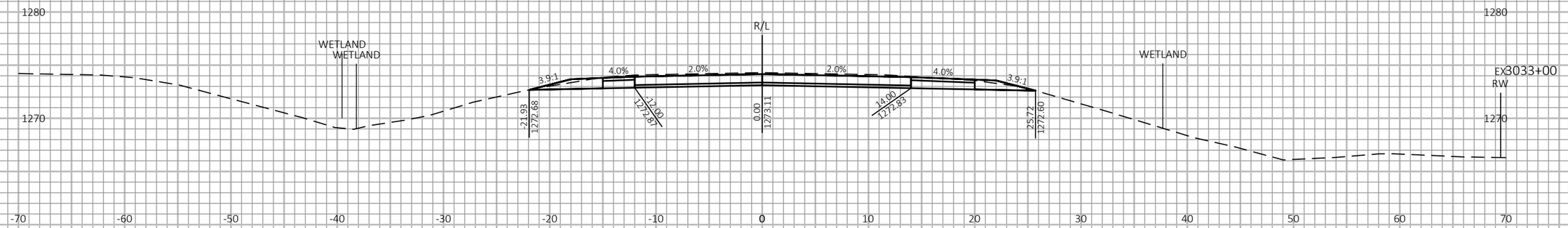
WISDOT/CADDS SHEET 49

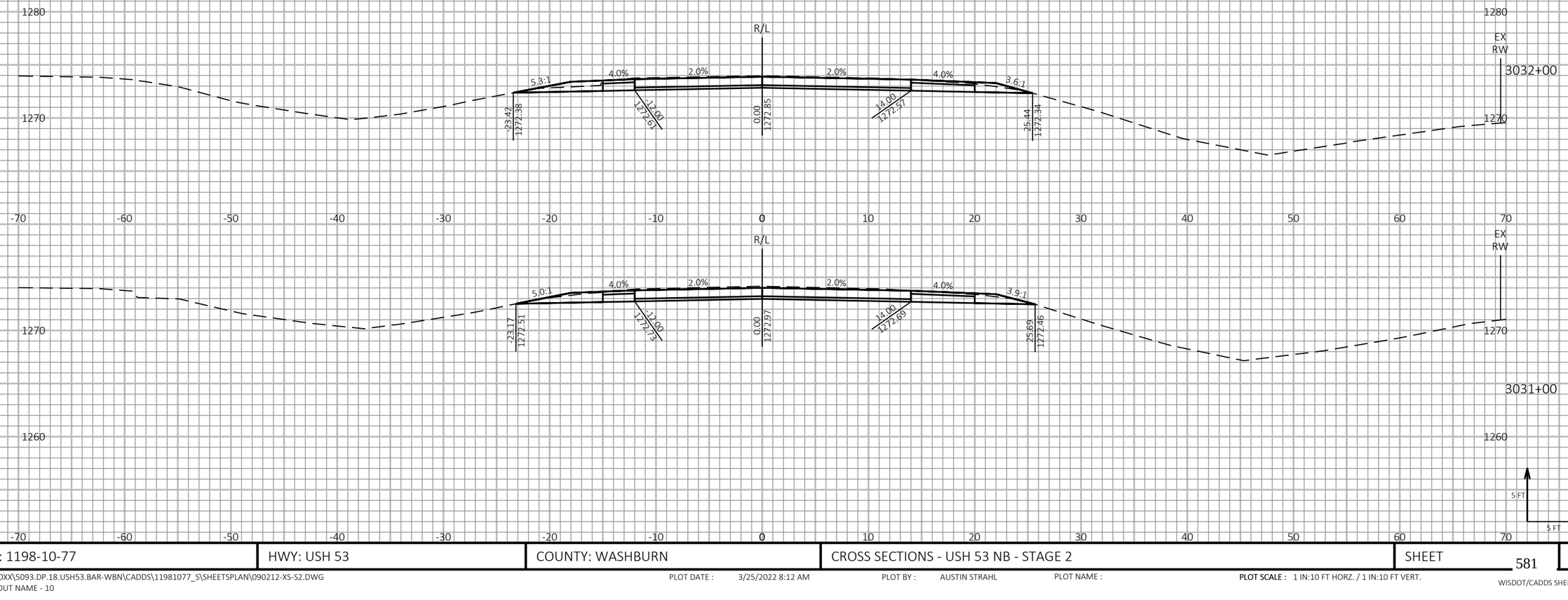
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 581	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 10

PLOT DATE : 3/25/2022 8:12 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

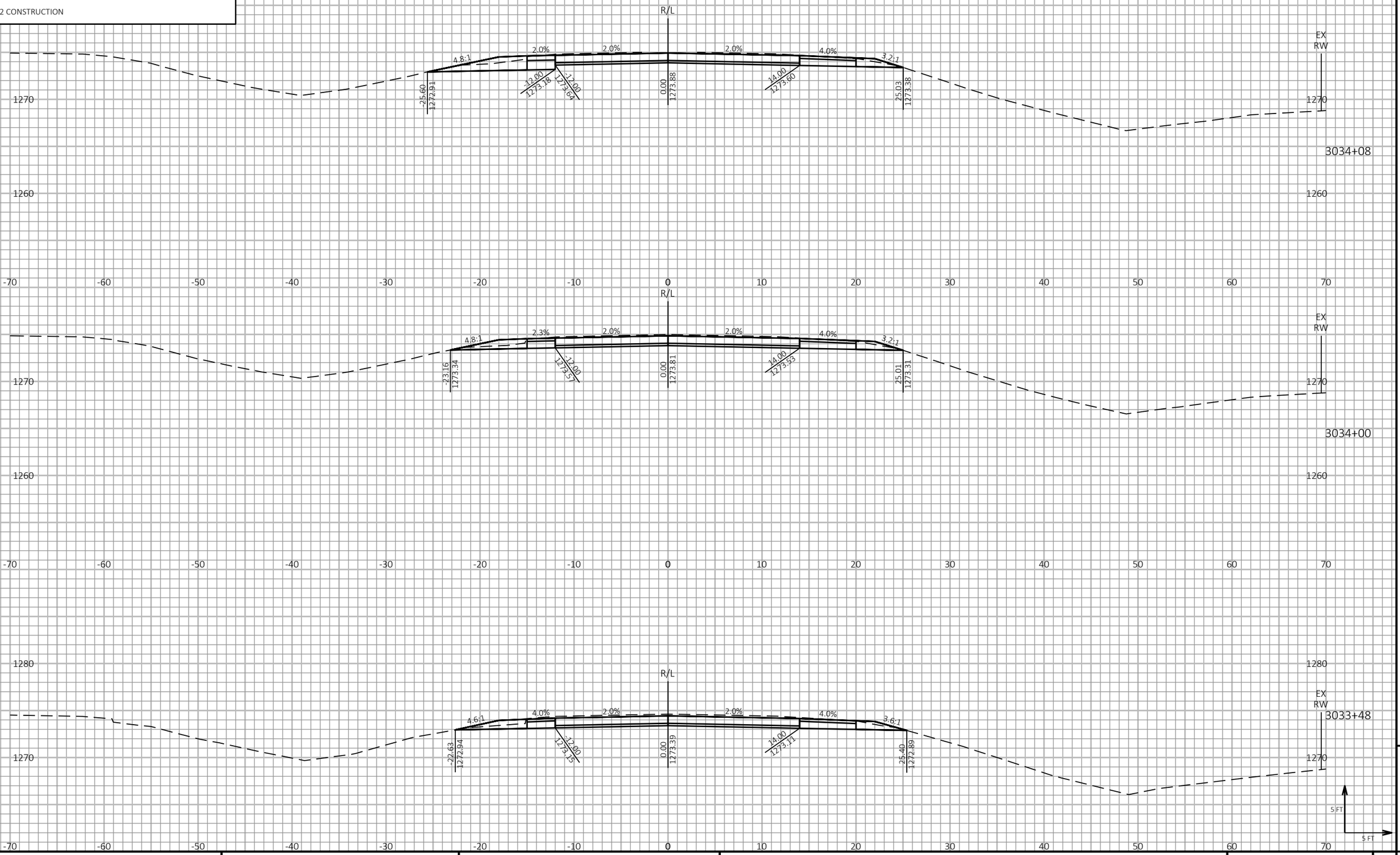
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 582	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 11

PLOT DATE : 3/25/2022 8:12 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

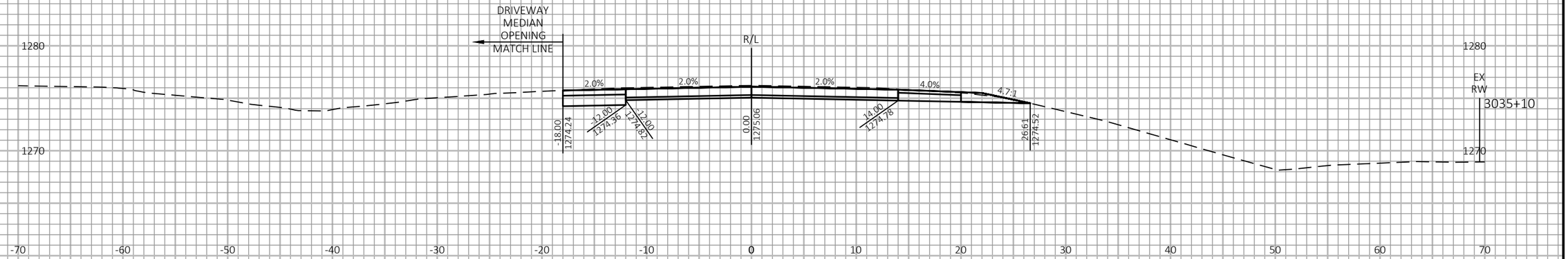
9 9

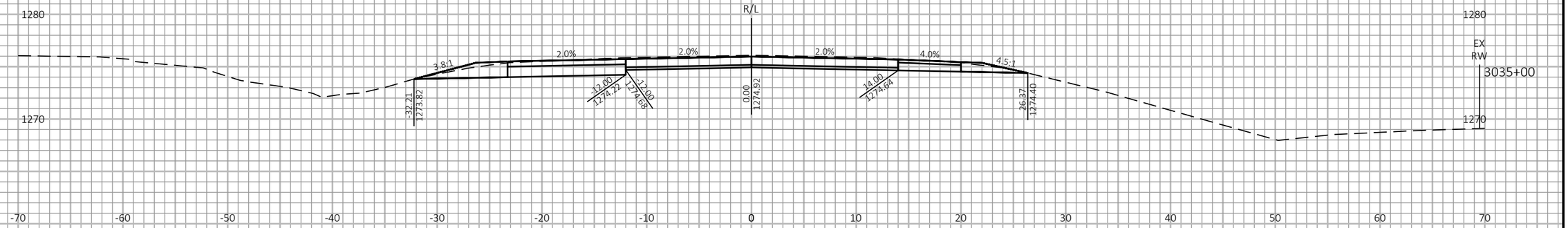
LEGEND

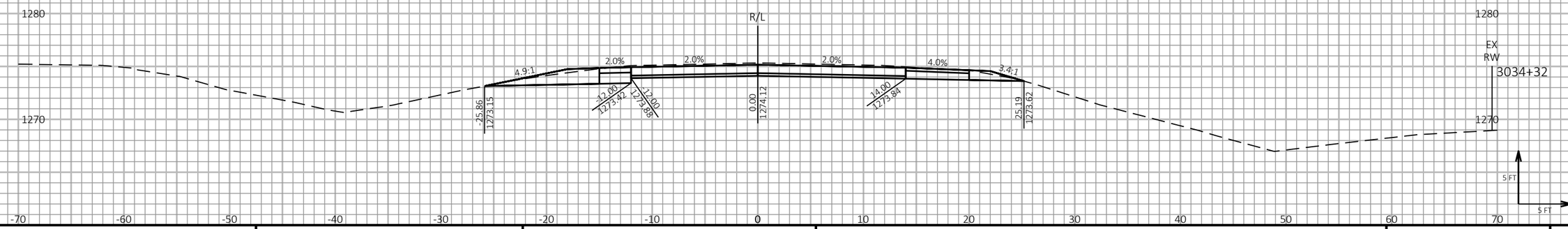
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 583	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 12

PLOT DATE : 3/25/2022 8:12 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

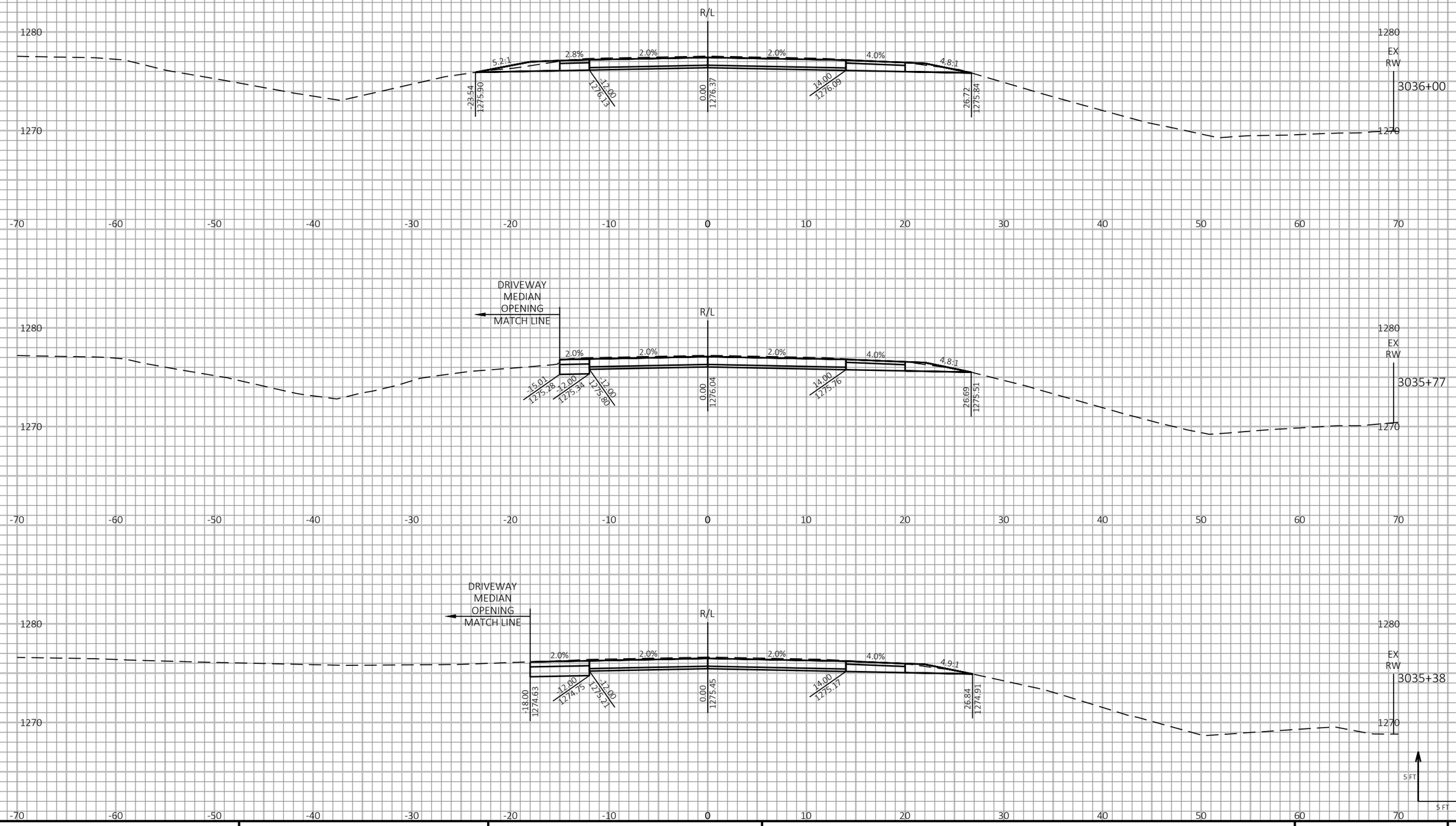
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 584	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 13

PLOT DATE : 3/25/2022 8:12 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 585	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 14

PLOT DATE : 3/25/2022 8:12 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

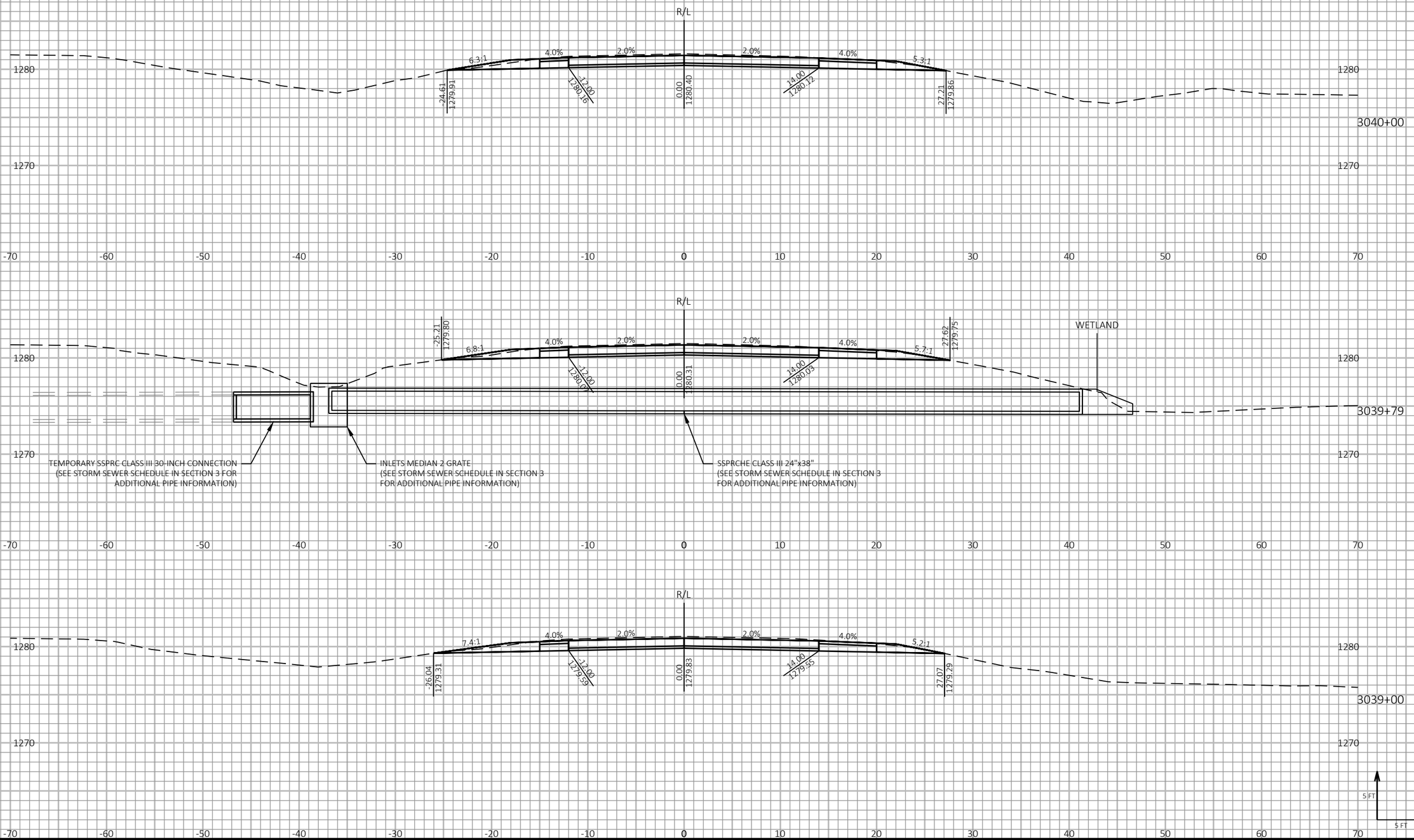
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 586	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 15

PLOT DATE : 3/25/2022 8:12 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

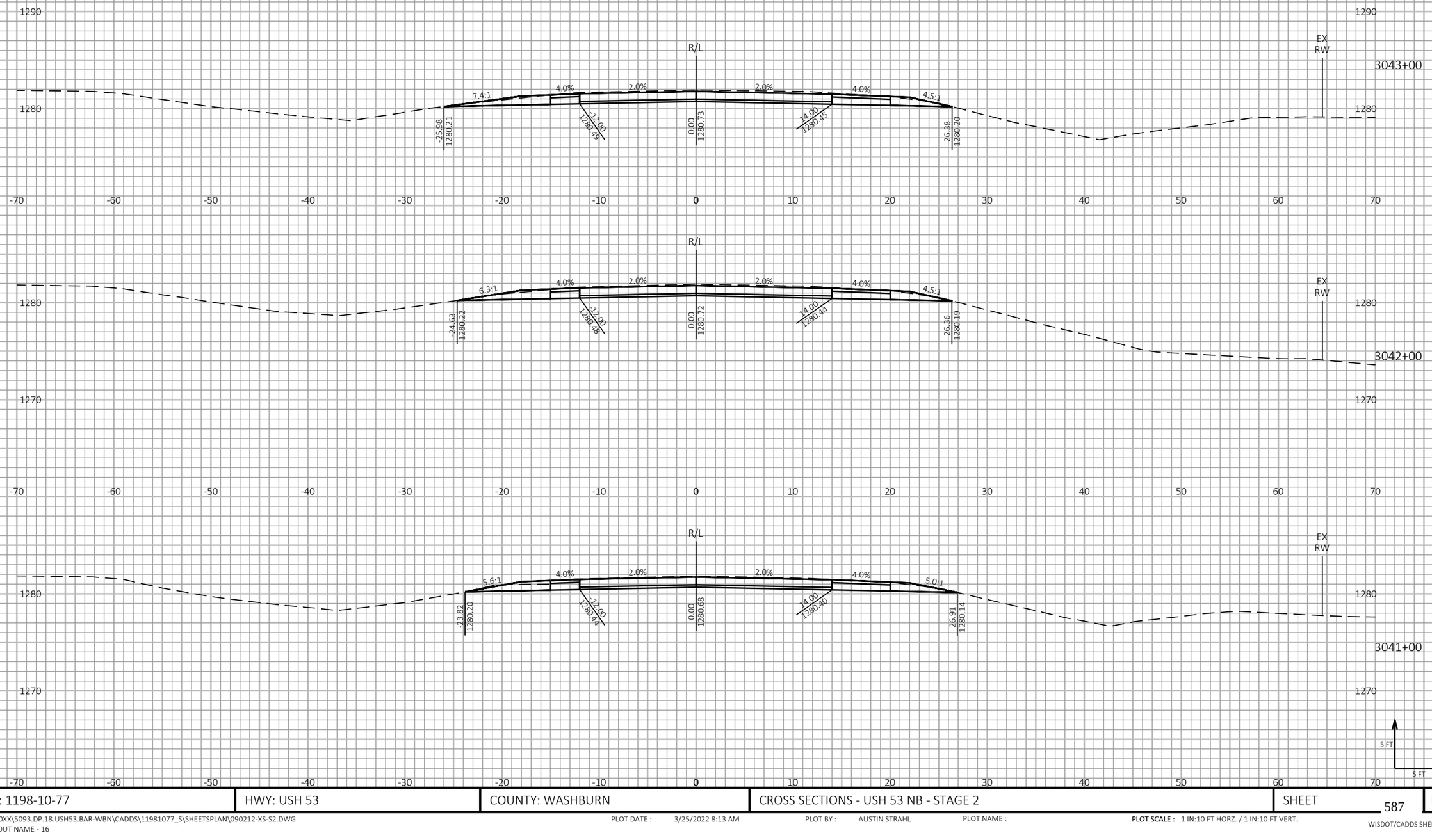
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 587	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 16

PLOT DATE : 3/25/2022 8:13 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

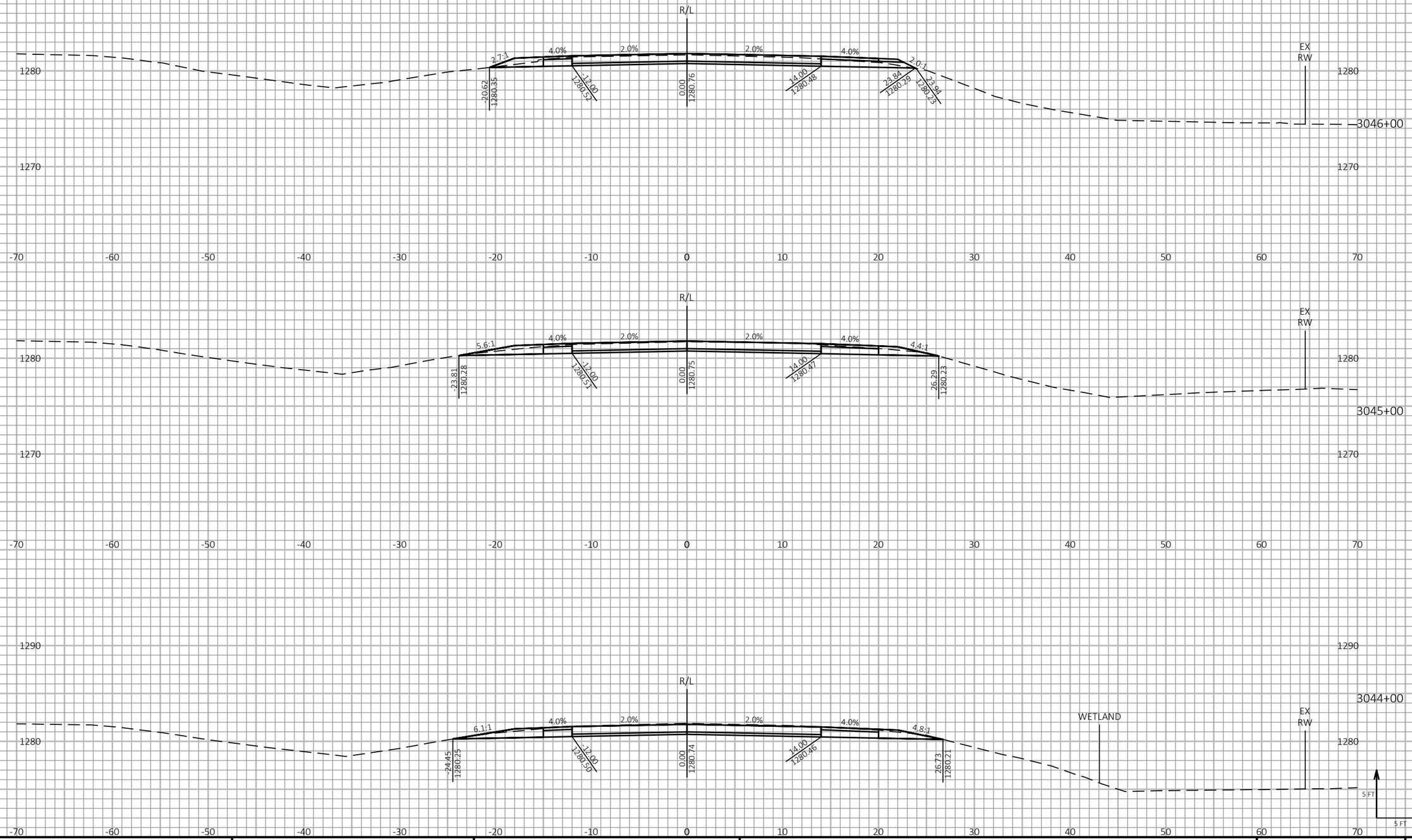
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 588	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 17

PLOT DATE : 3/25/2022 8:13 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

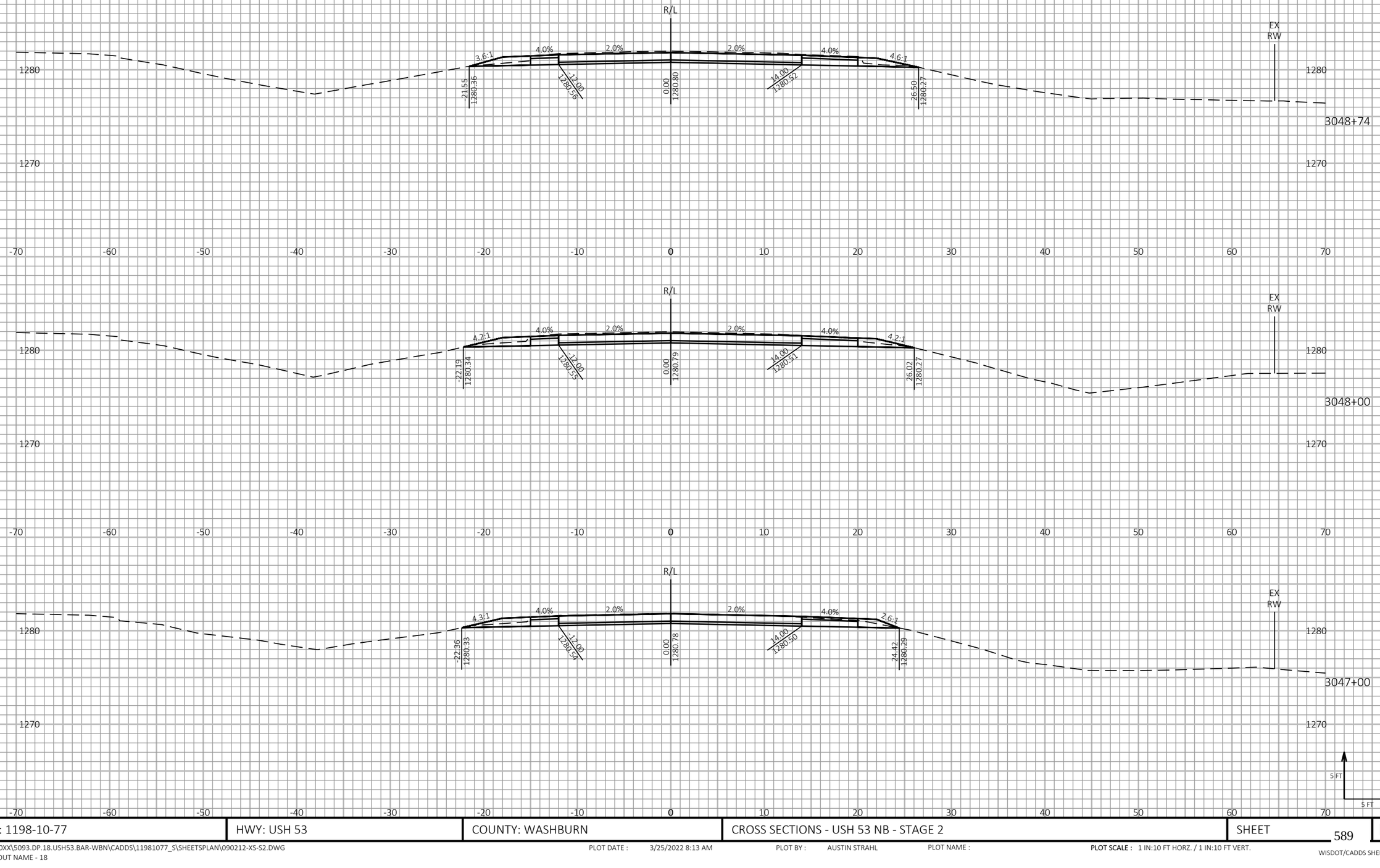
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 589	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 18

PLOT DATE : 3/25/2022 8:13 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

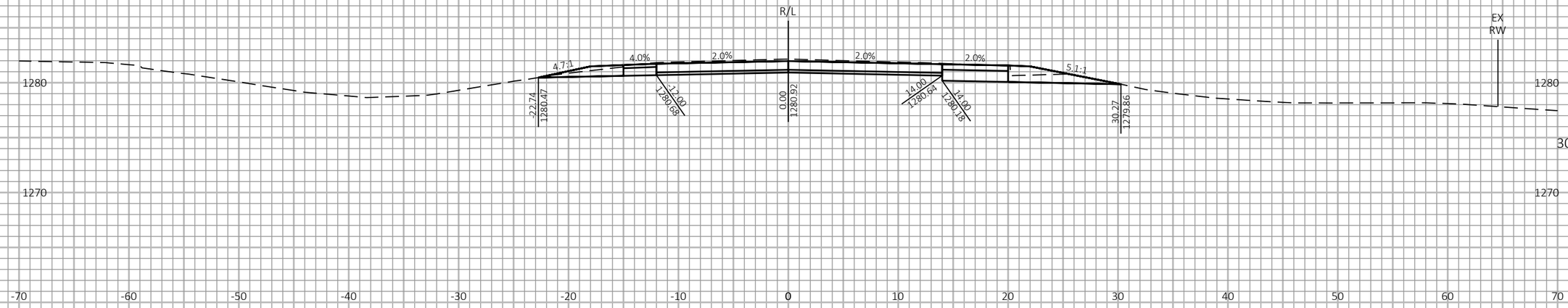
WISDOT/CADDS SHEET 49

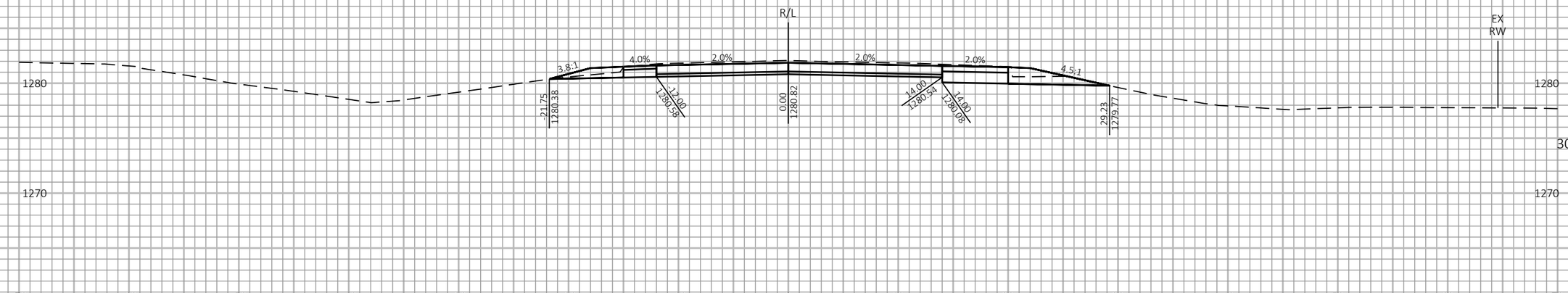
LEGEND

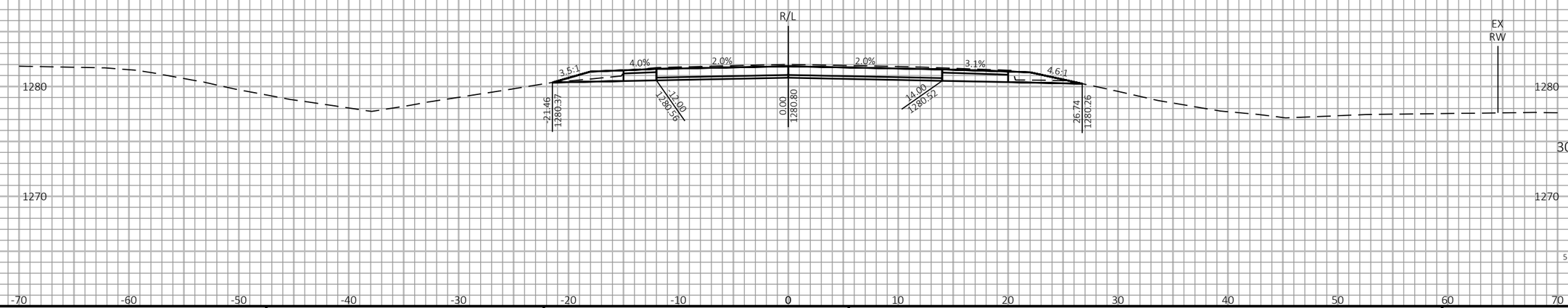
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 590	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 19

PLOT DATE : 3/25/2022 8:13 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

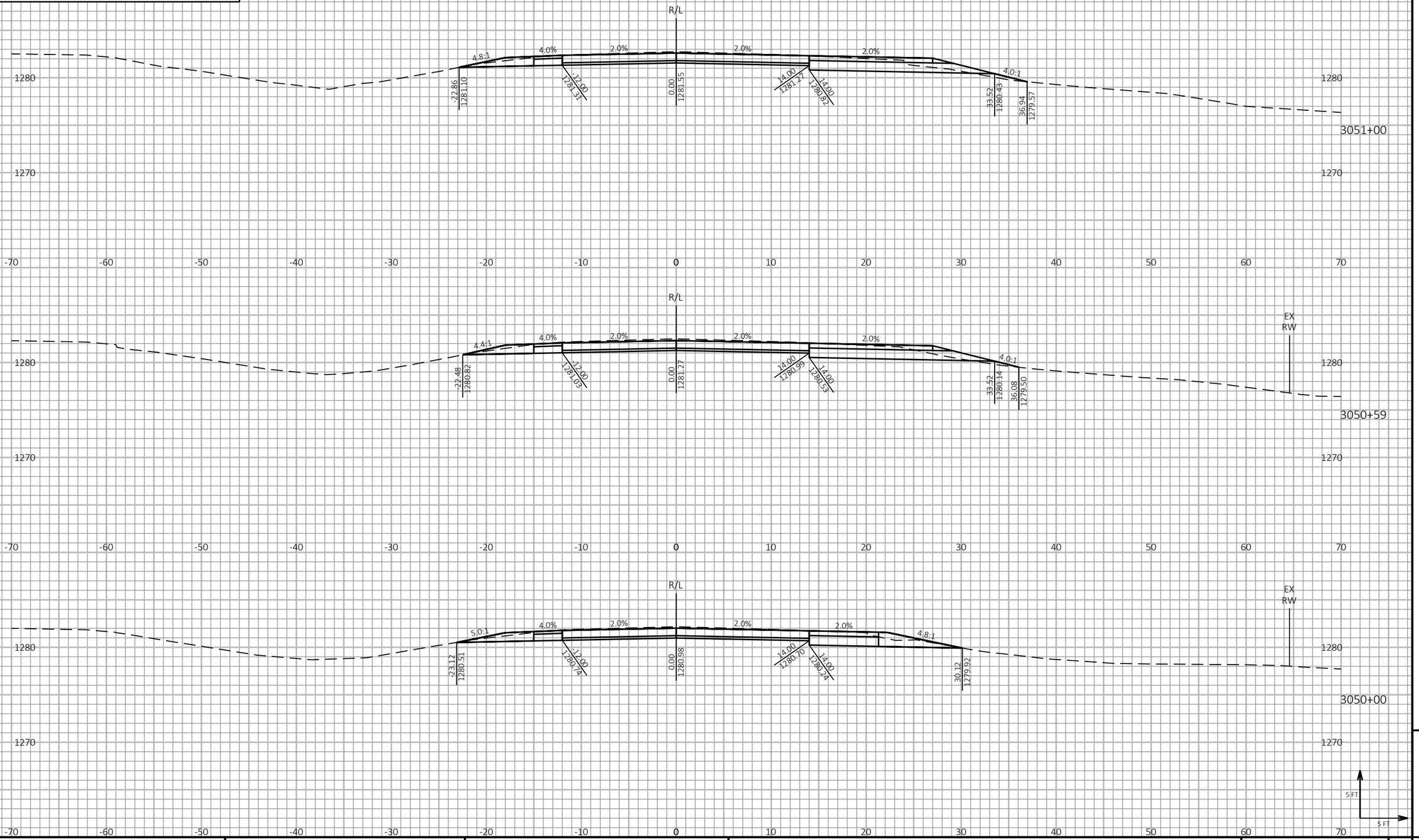
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 591	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 20

PLOT DATE : 3/25/2022 8:13 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

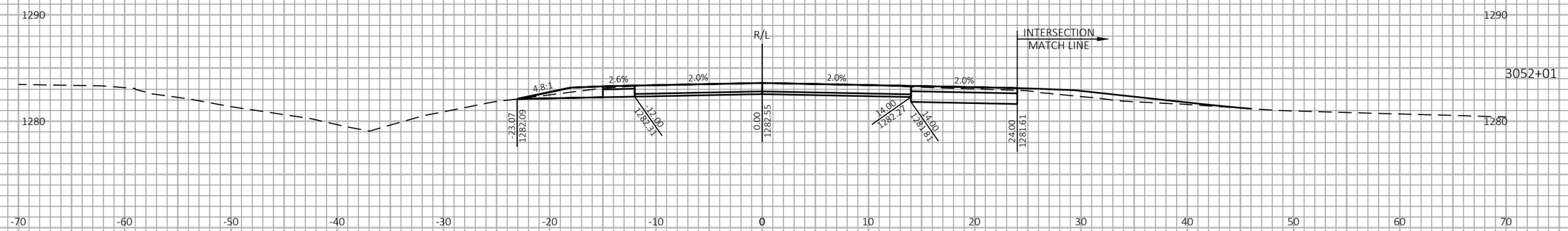
WISDOT/CADDS SHEET 49

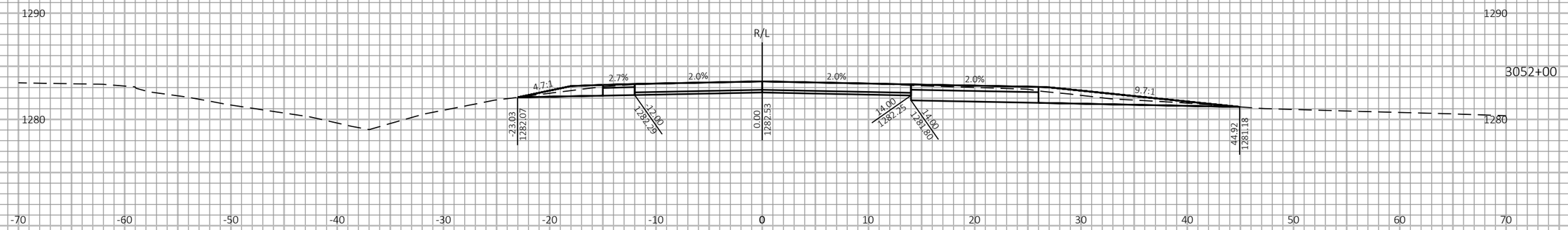
LEGEND

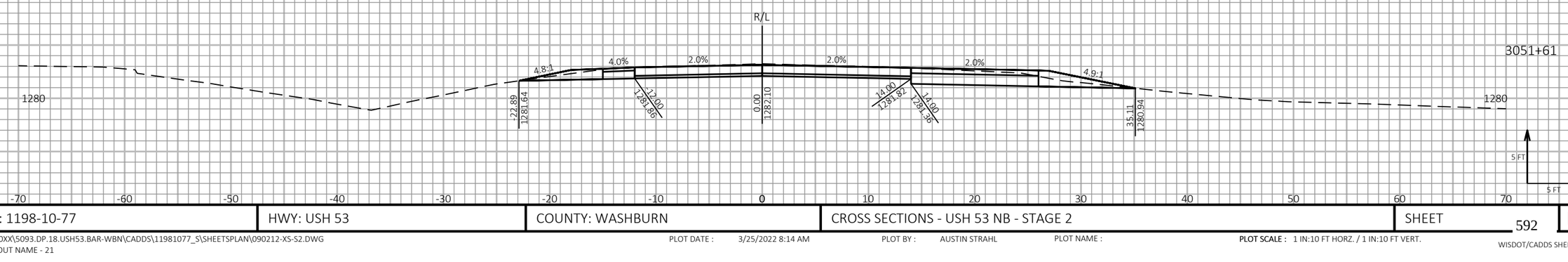
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 592	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 21

PLOT DATE : 3/25/2022 8:14 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

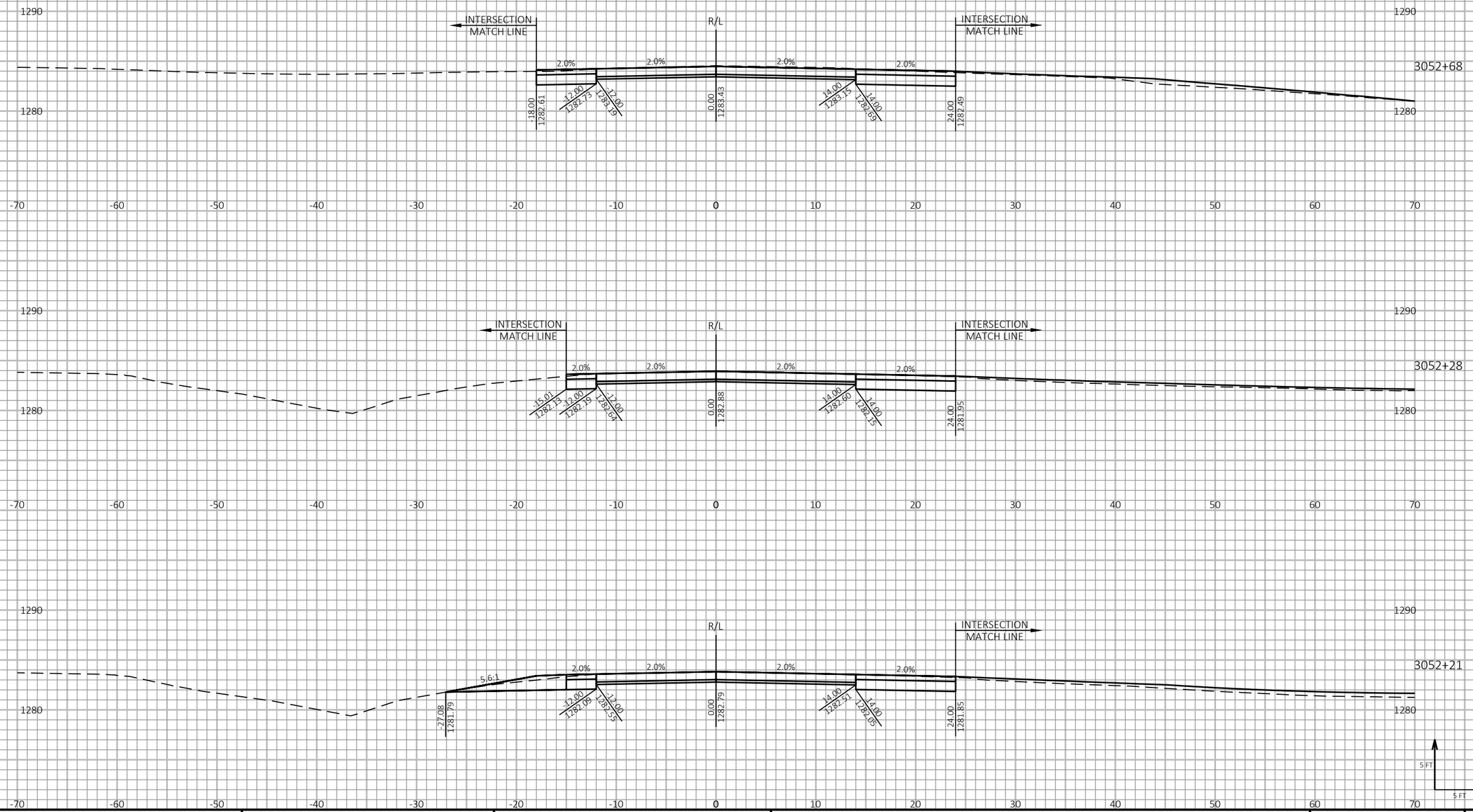
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 593	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 22

PLOT DATE : 3/25/2022 8:14 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

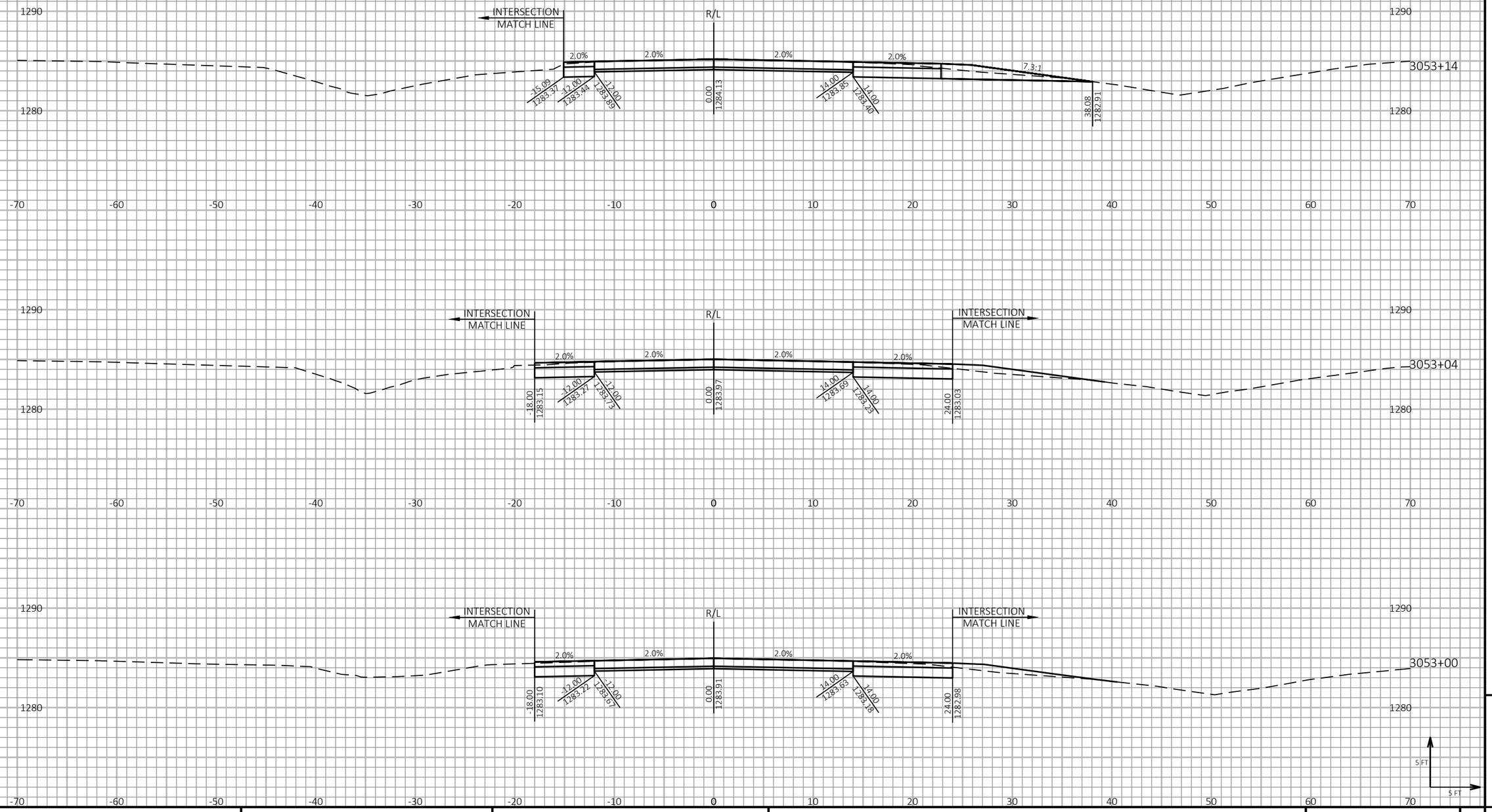
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 594	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 23

PLOT DATE : 3/25/2022 8:14 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

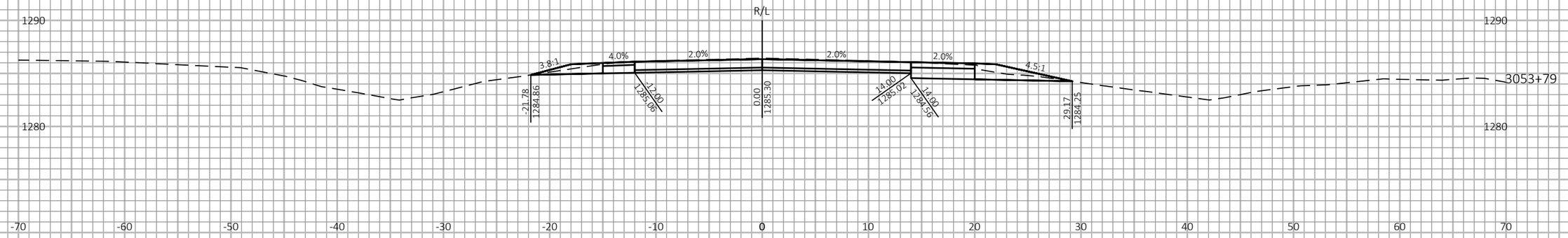
WISDOT/CADDS SHEET 49

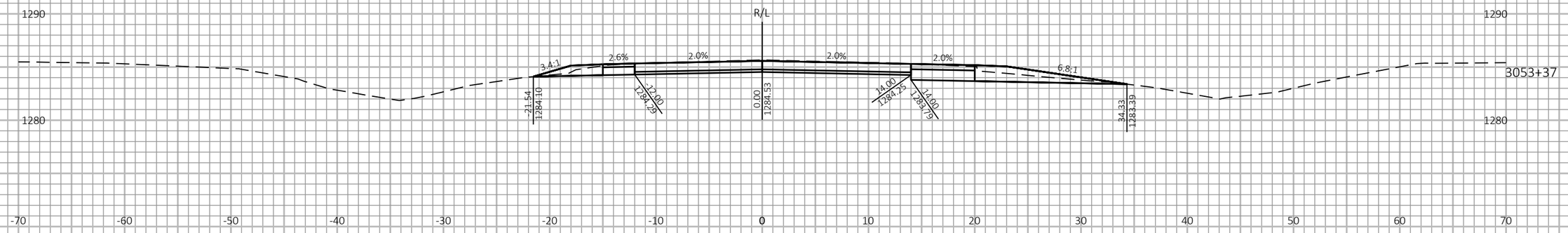
LEGEND

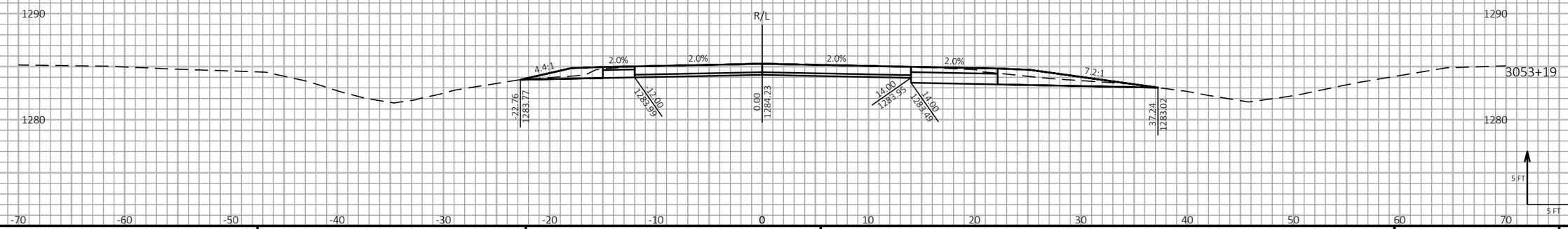
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 595	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 24

PLOT DATE : 3/25/2022 8:14 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

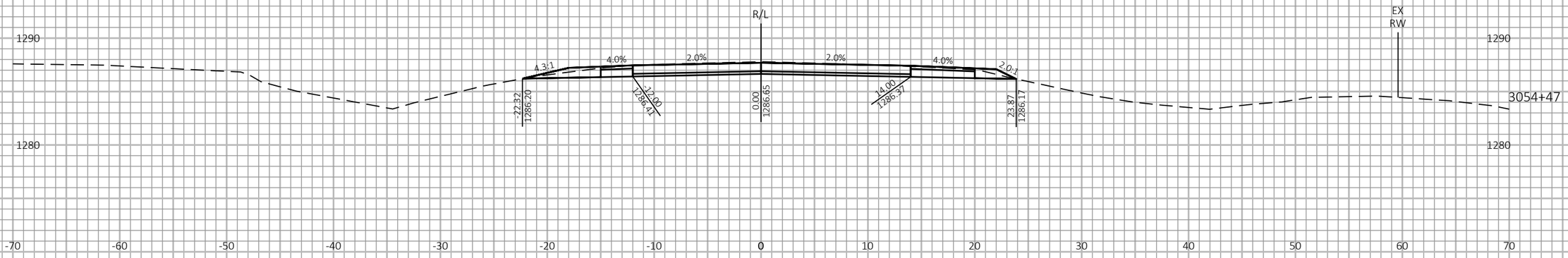
WISDOT/CADDS SHEET 49

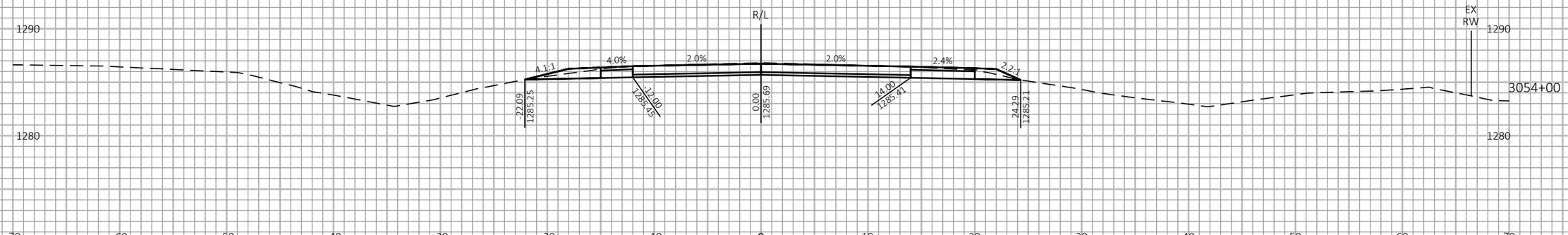
LEGEND

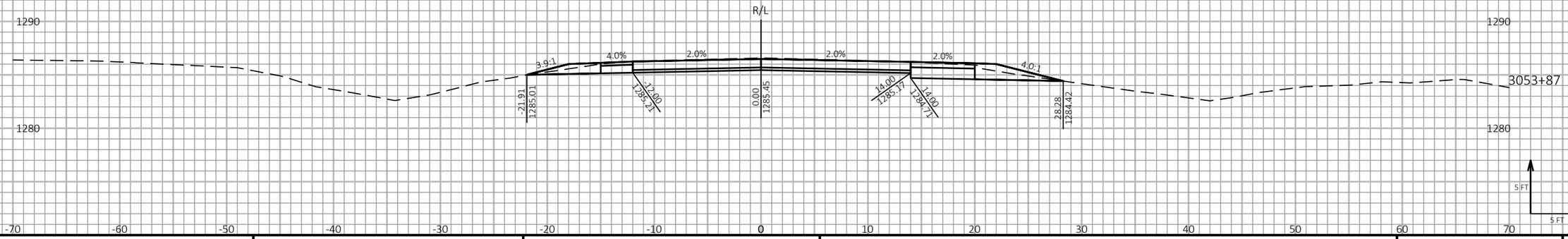
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 596	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 25

PLOT DATE : 3/25/2022 8:14 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 597	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 26

PLOT DATE : 3/25/2022 8:15 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

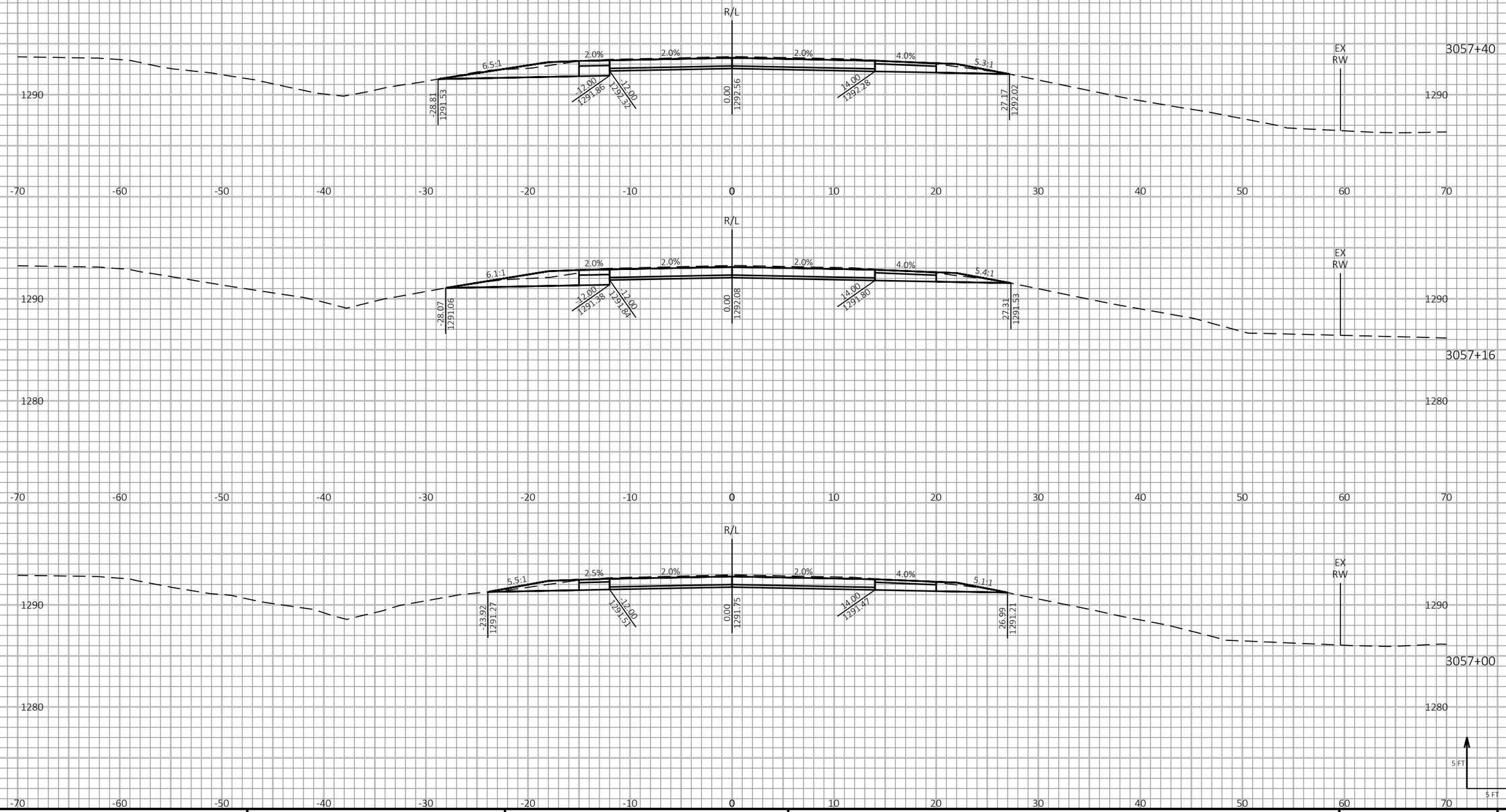
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 598	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 27

PLOT DATE : 3/25/2022 8:15 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

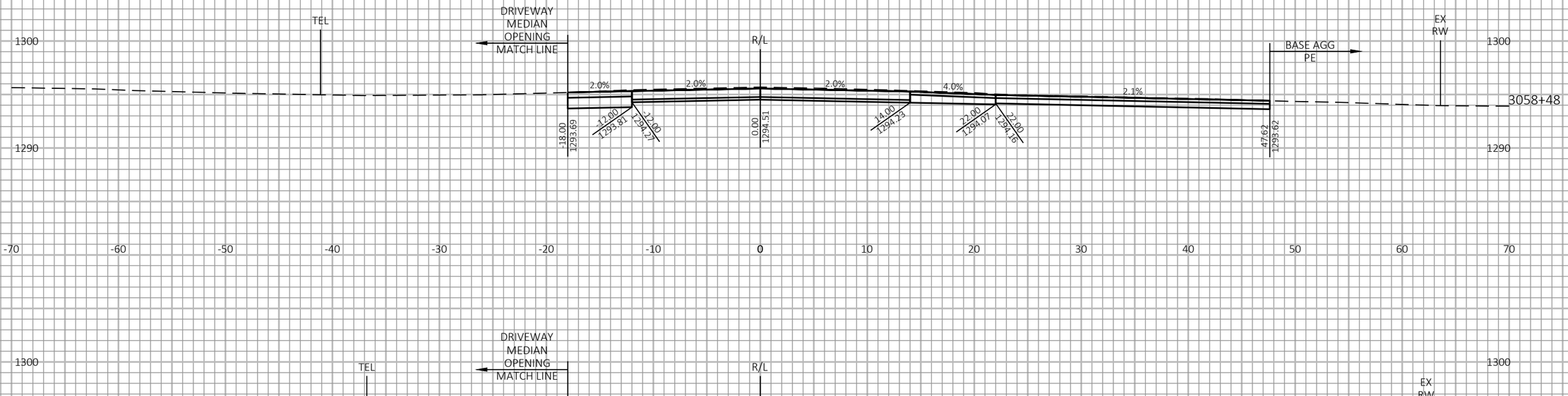
WISDOT/CADDS SHEET 49

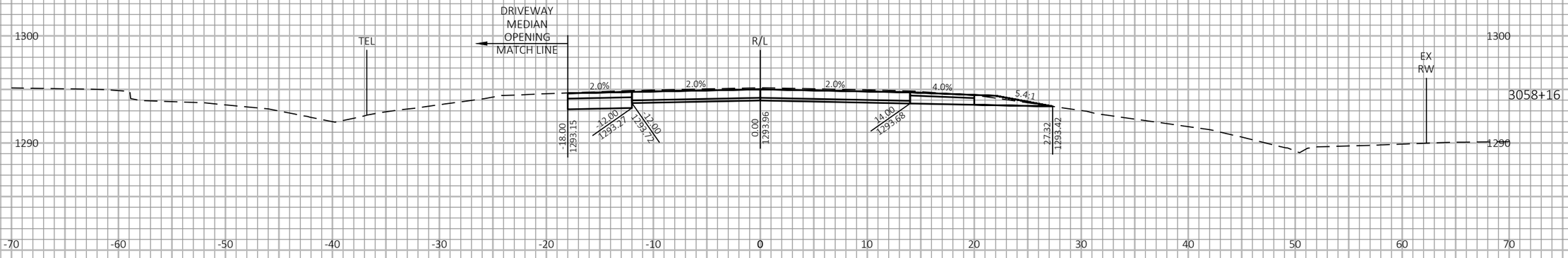
LEGEND

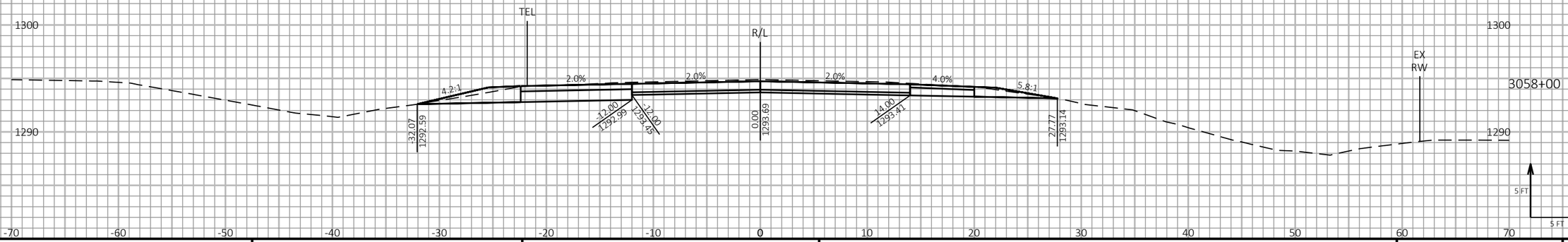
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 599	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 28

PLOT DATE : 3/25/2022 8:15 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

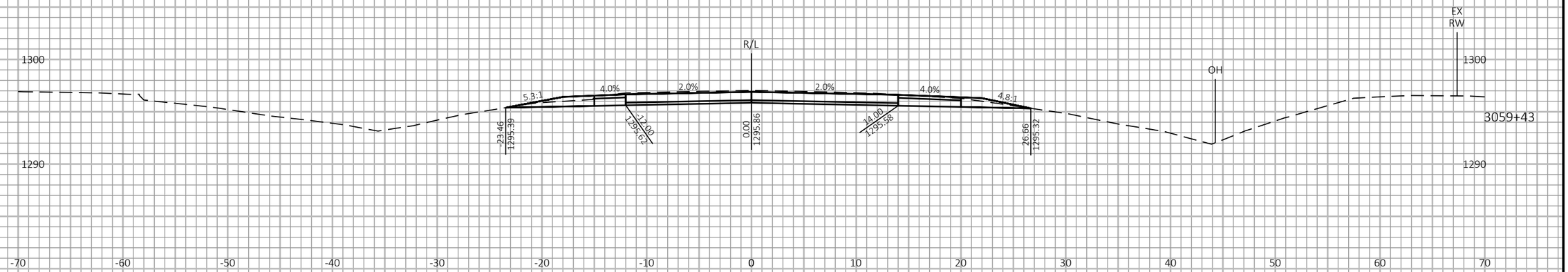
WISDOT/CADDS SHEET 49

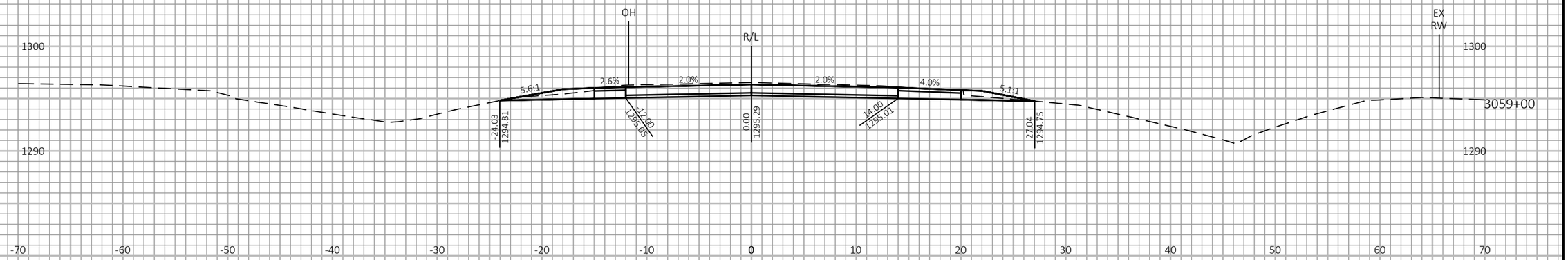
LEGEND

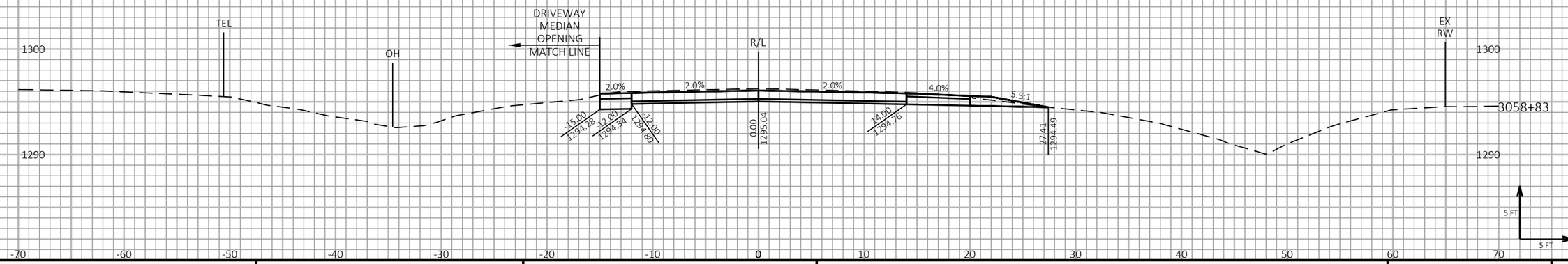
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 600	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 29

PLOT DATE : 3/25/2022 8:15 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 601	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 30

PLOT DATE : 3/25/2022 8:15 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

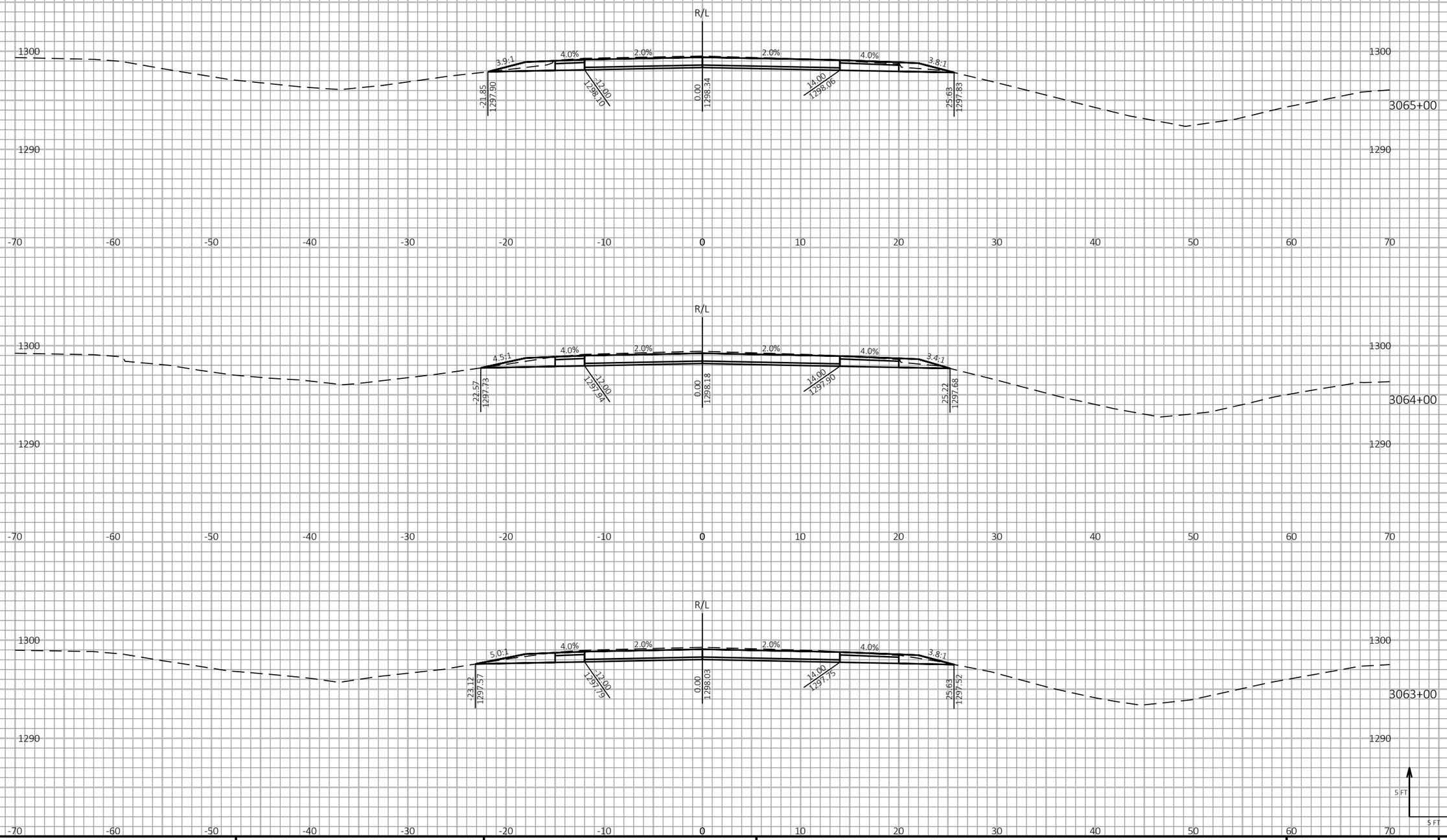
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 602	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 31

PLOT DATE : 3/25/2022 8:15 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

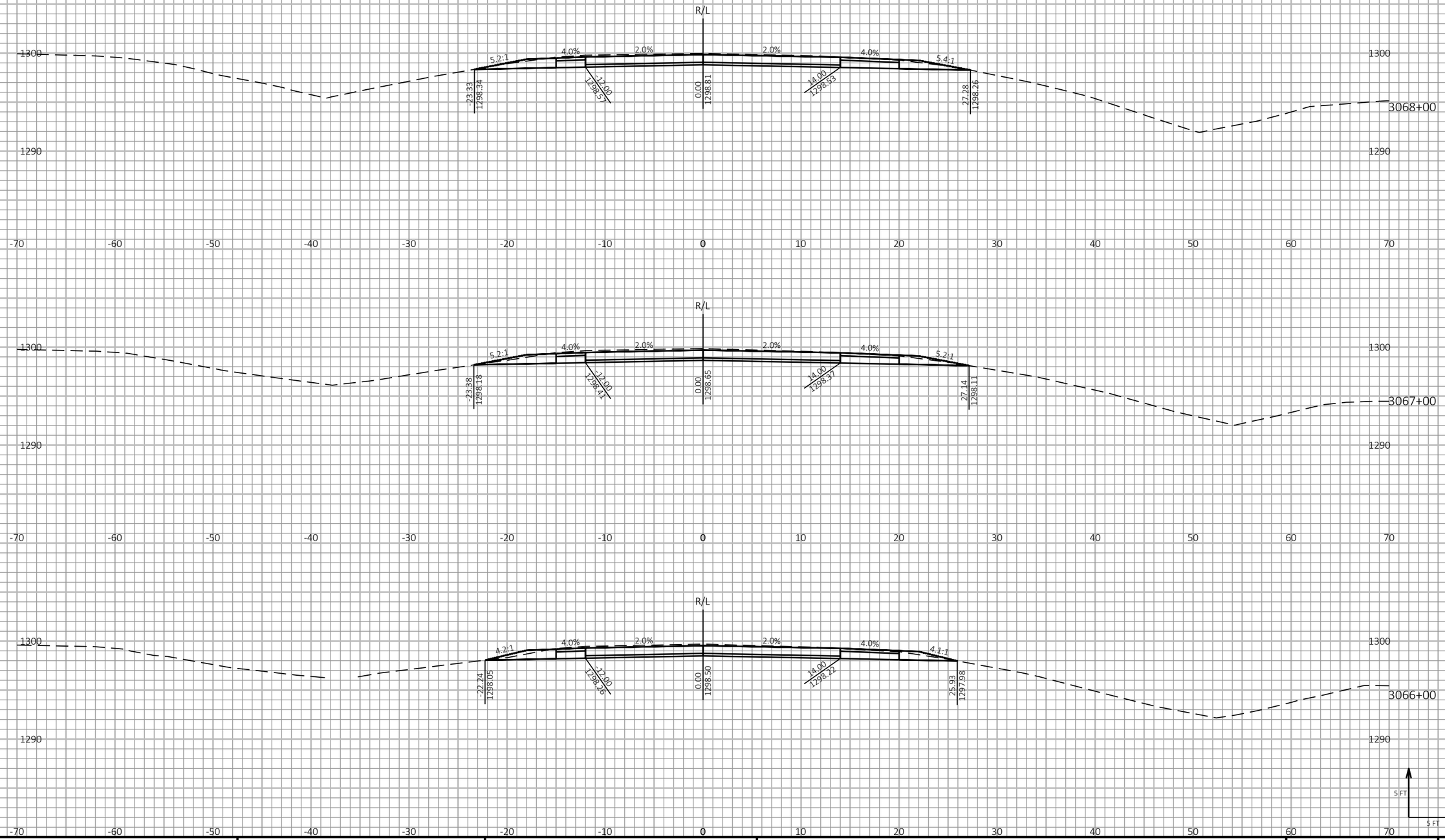
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 603	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 32

PLOT DATE : 3/25/2022 8:16 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

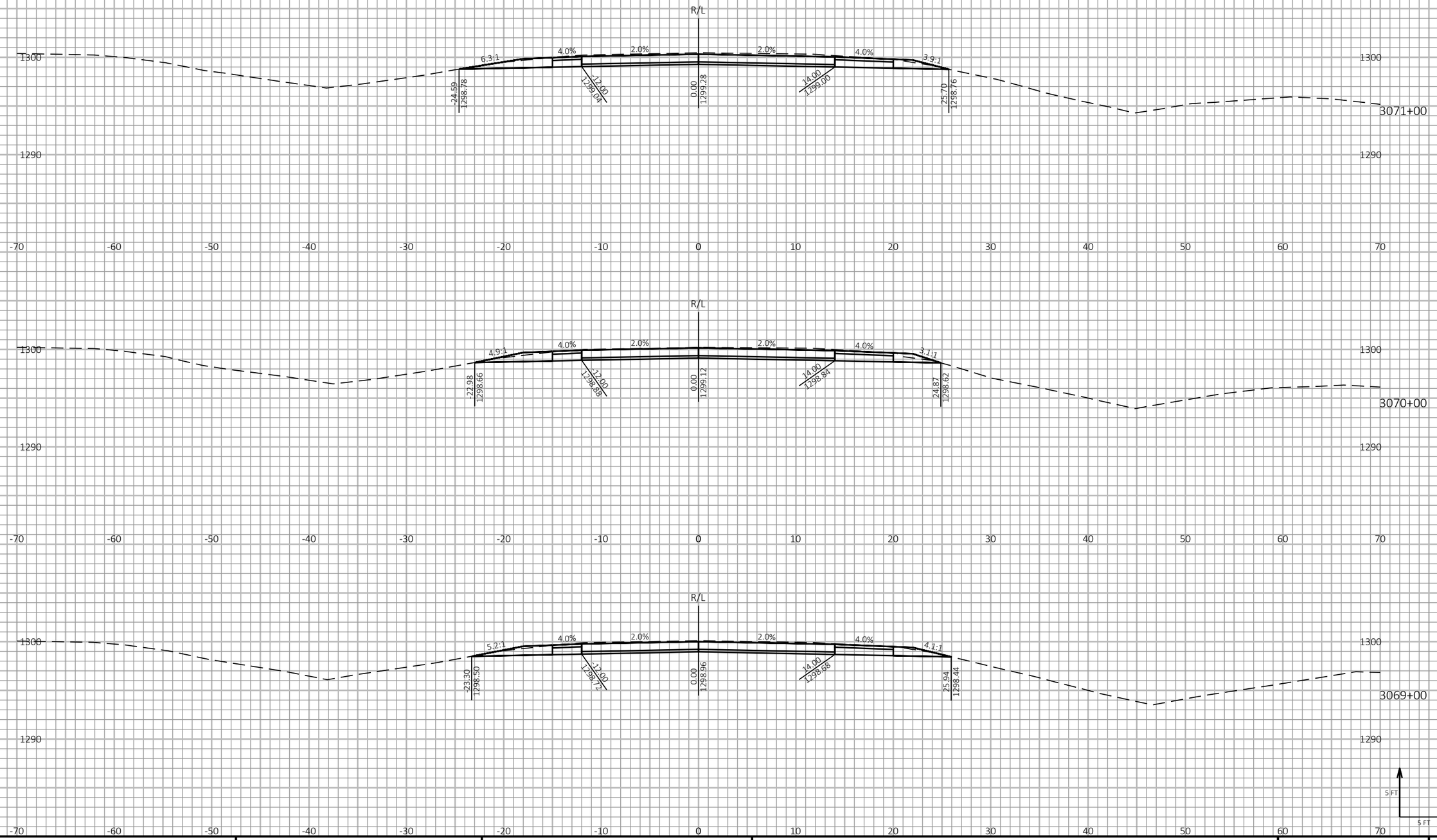
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 604	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 33

PLOT DATE : 3/25/2022 8:16 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

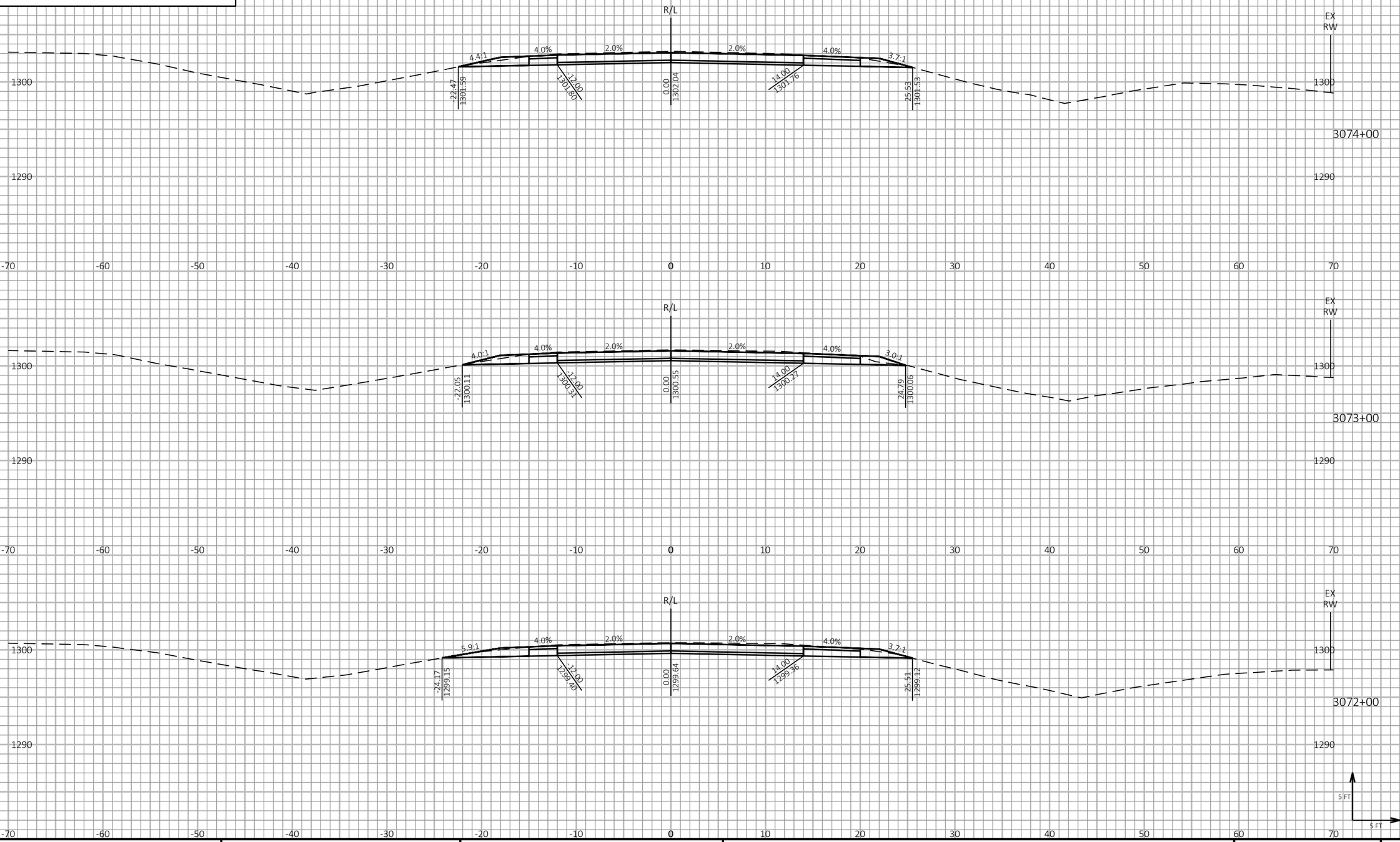
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 605	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 34

PLOT DATE : 3/25/2022 8:16 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

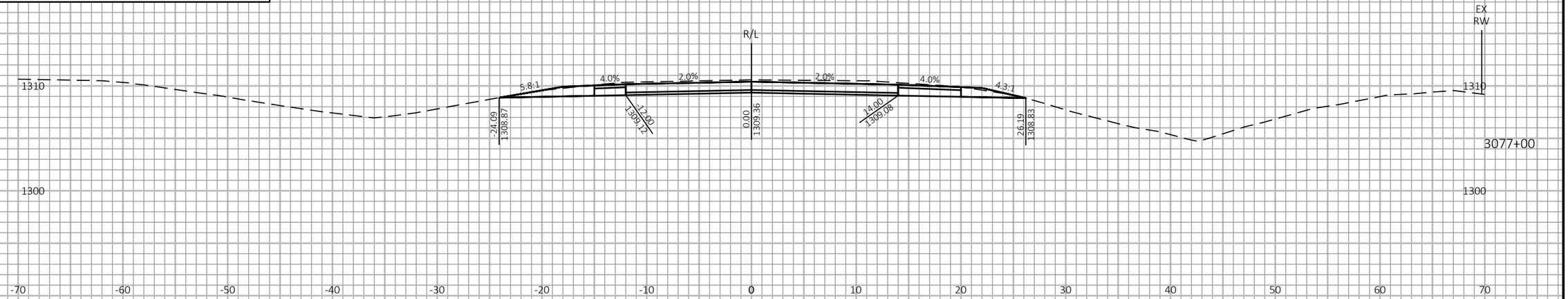
WISDOT/CADDS SHEET 49

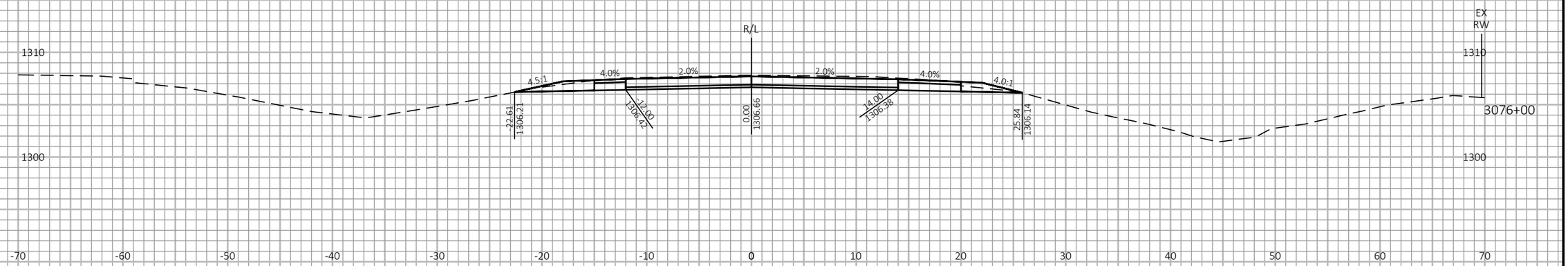
LEGEND

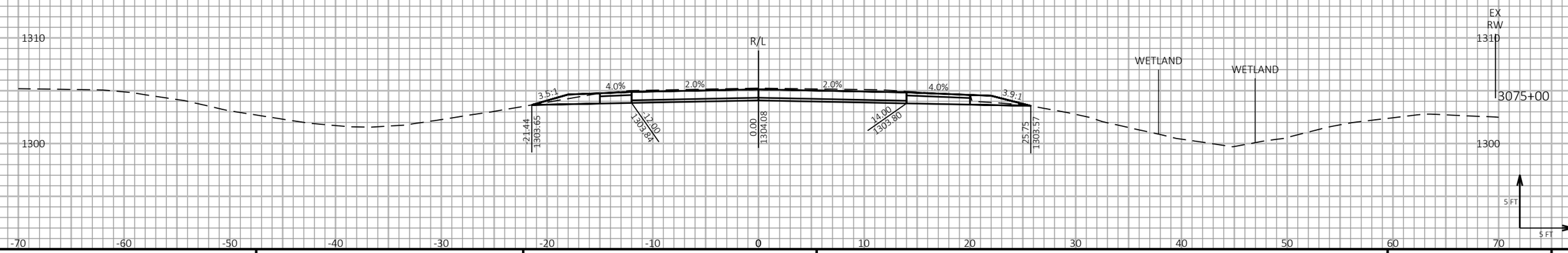
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 606	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 35

PLOT DATE : 3/25/2022 8:16 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

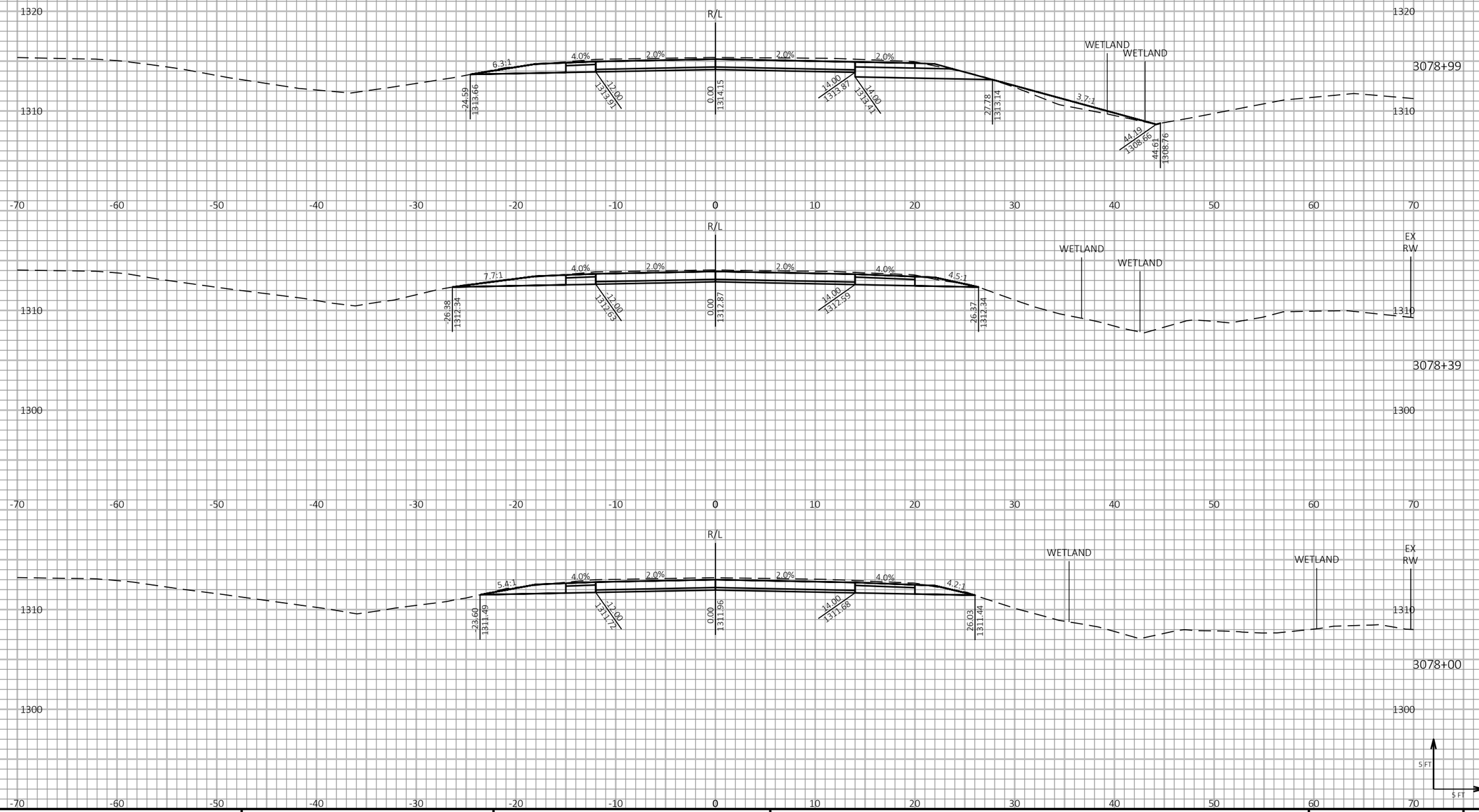
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 607	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 36

PLOT DATE : 3/25/2022 8:16 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

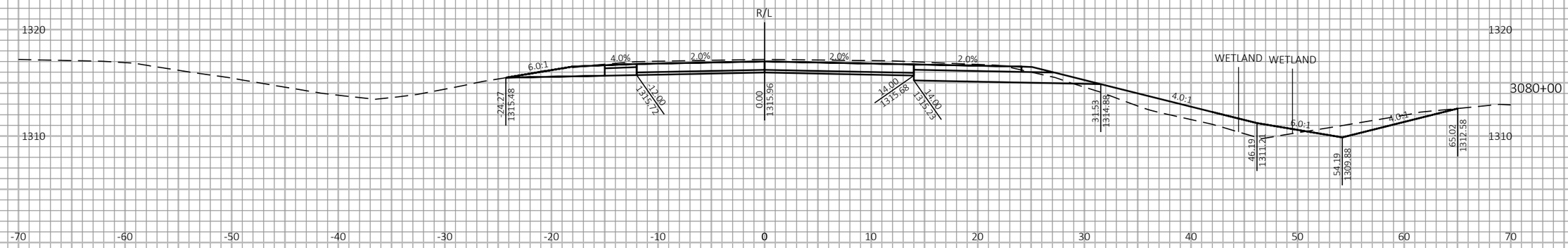
WISDOT/CADDS SHEET 49

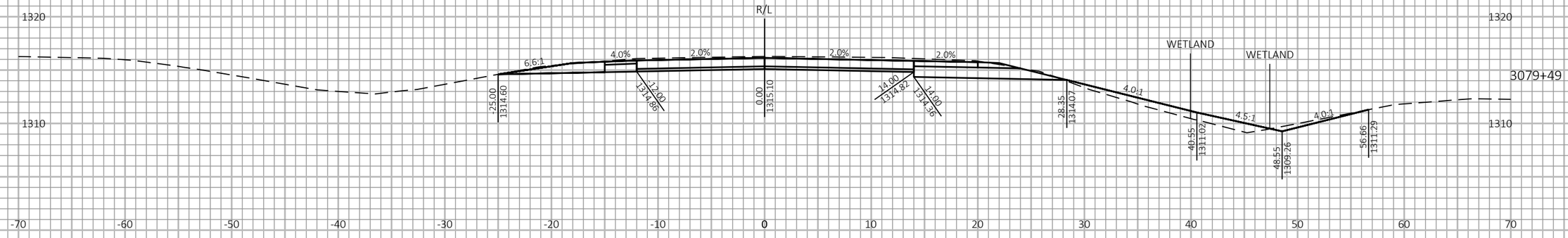
LEGEND

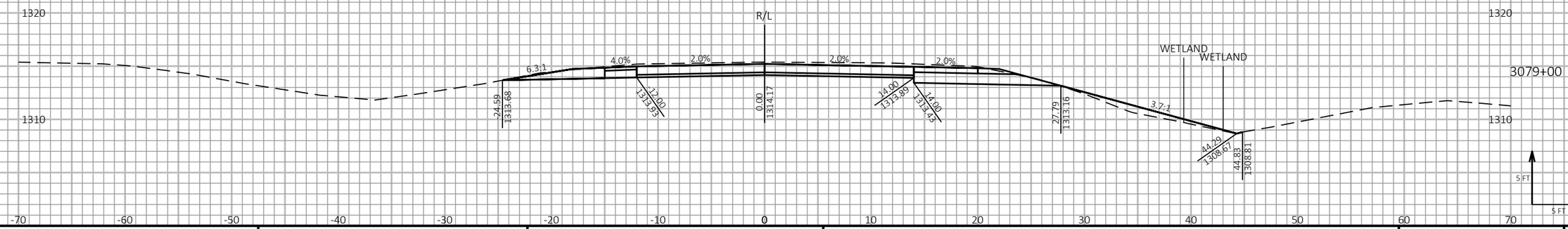
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 608	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 37

PLOT DATE : 3/25/2022 8:17 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

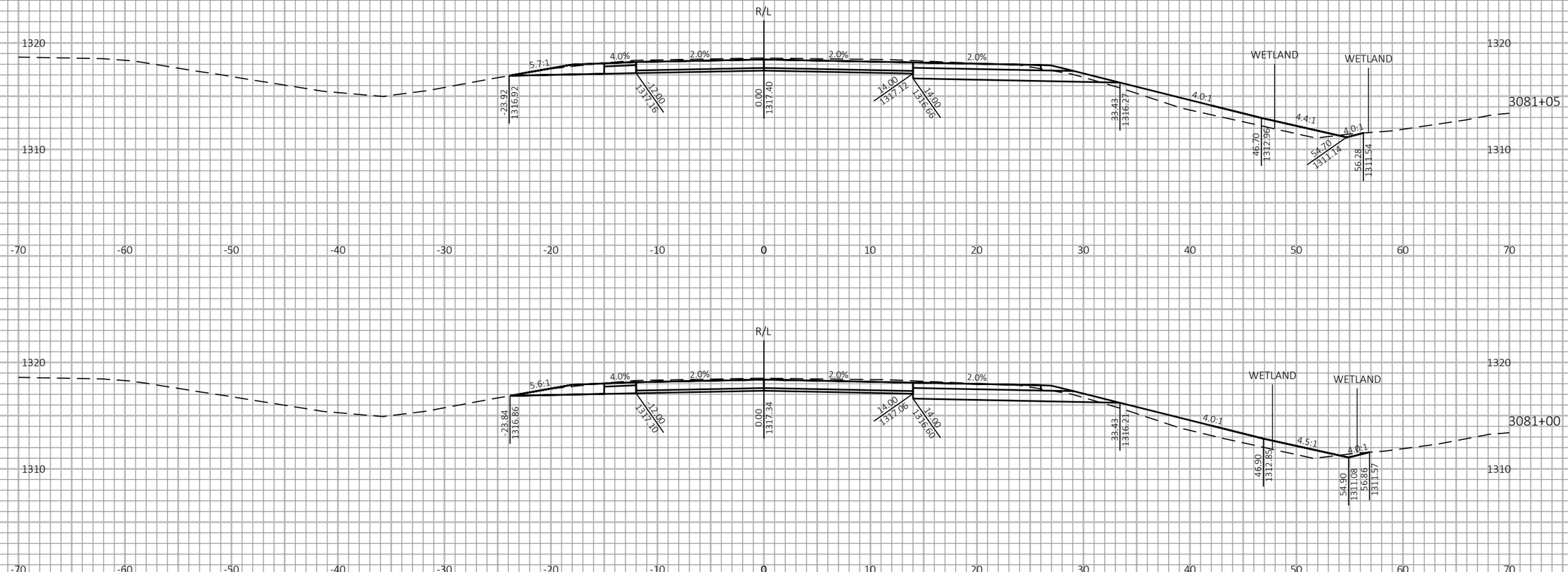
WISDOT/CADDS SHEET 49

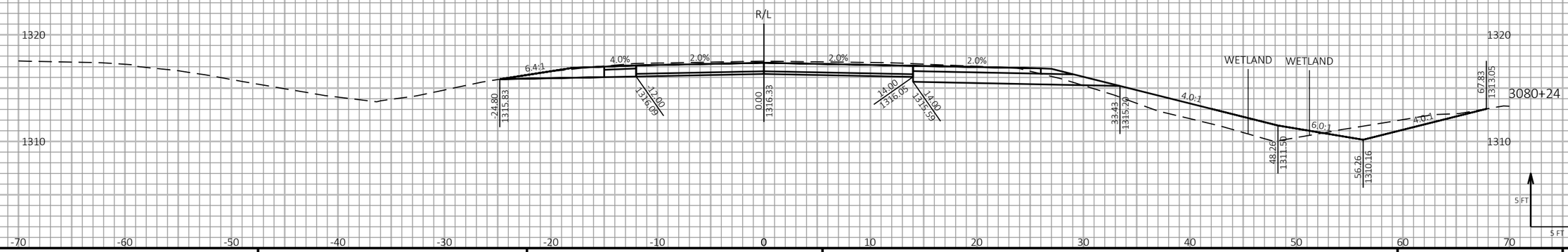
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 609	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 38

PLOT DATE : 3/25/2022 8:17 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

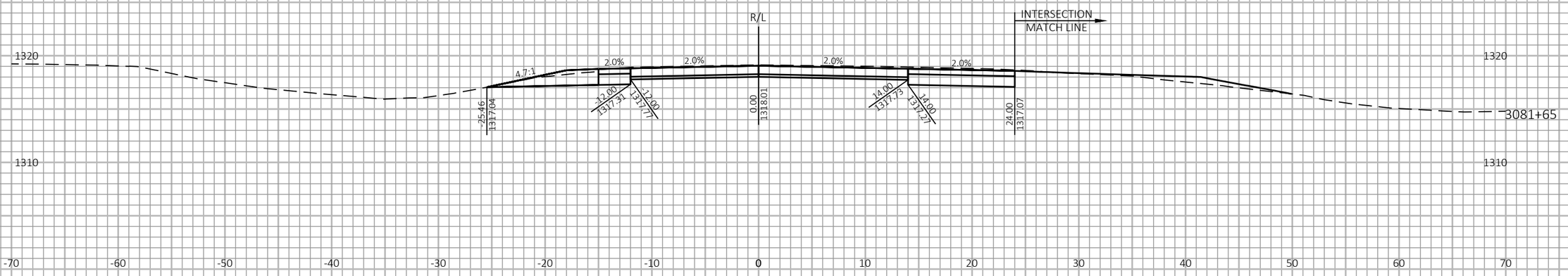
WISDOT/CADDS SHEET 49

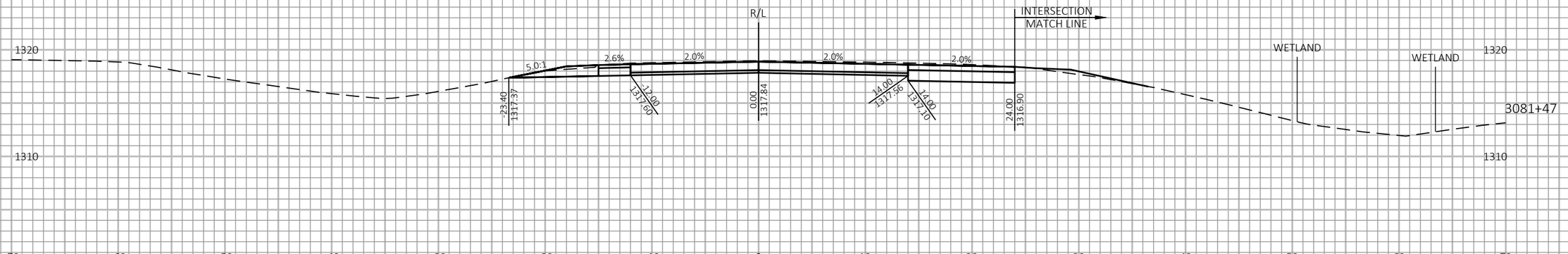
LEGEND

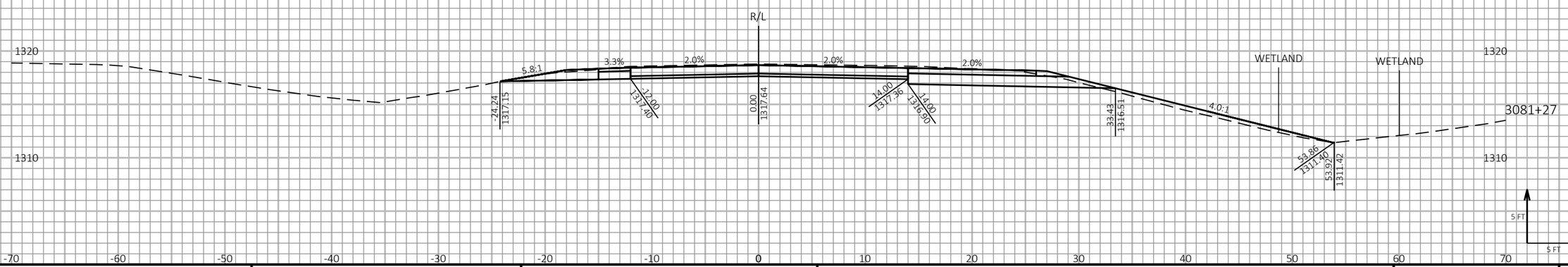
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 610	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 39

PLOT DATE : 3/25/2022 8:17 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

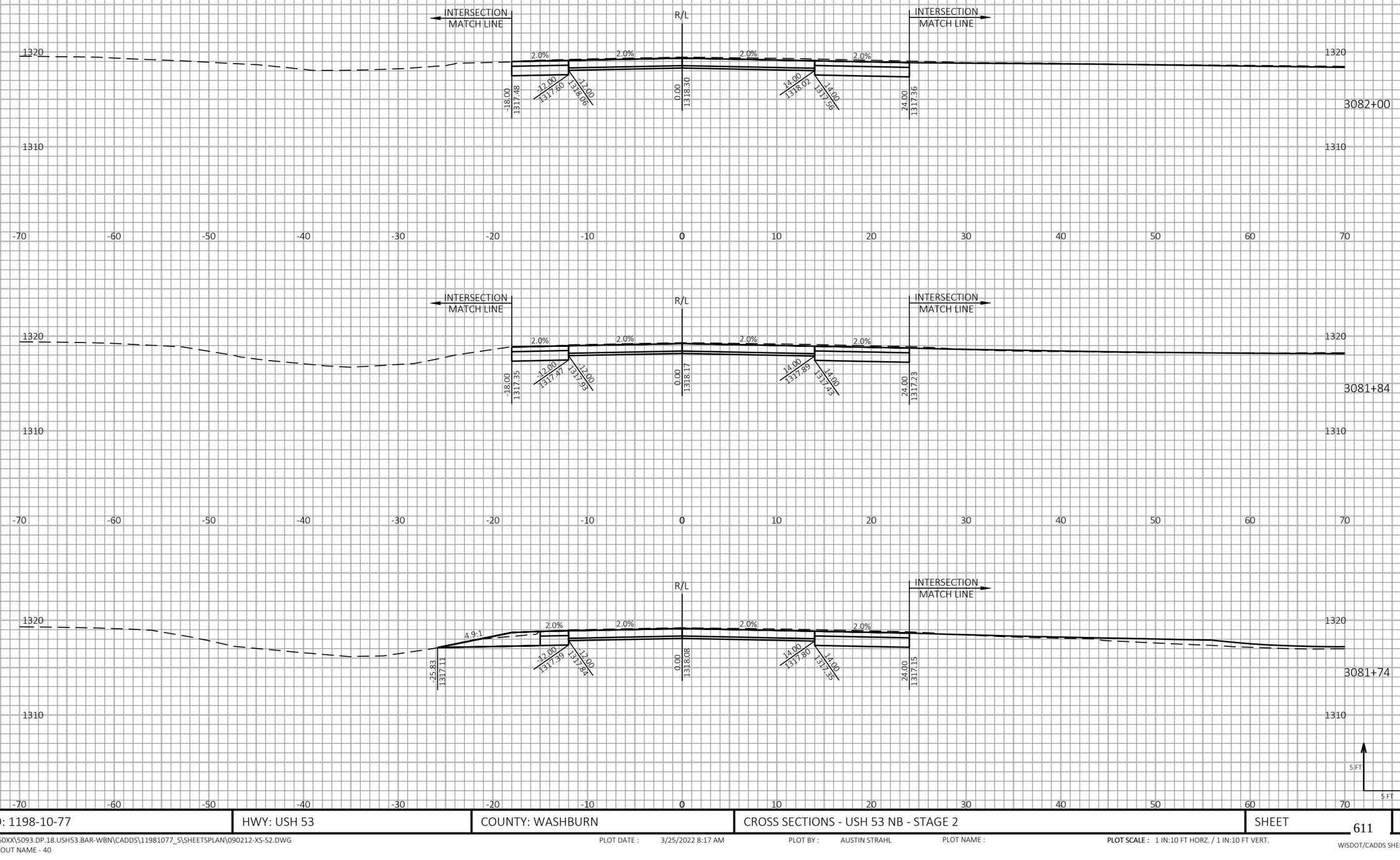
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 611	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 40

PLOT DATE : 3/25/2022 8:17 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 612	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 41

PLOT DATE : 3/25/2022 8:17 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

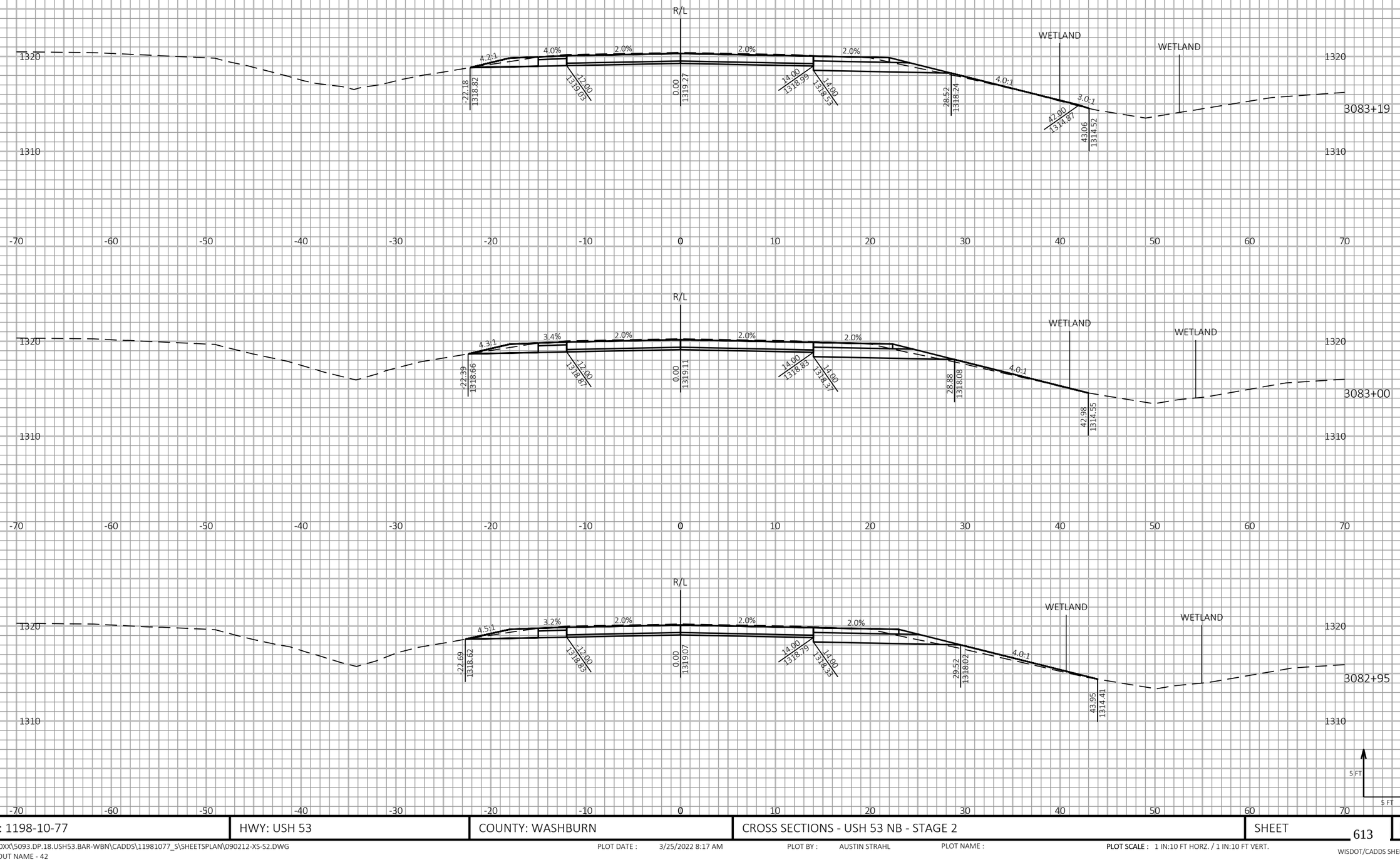
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 613	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 42

PLOT DATE : 3/25/2022 8:17 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

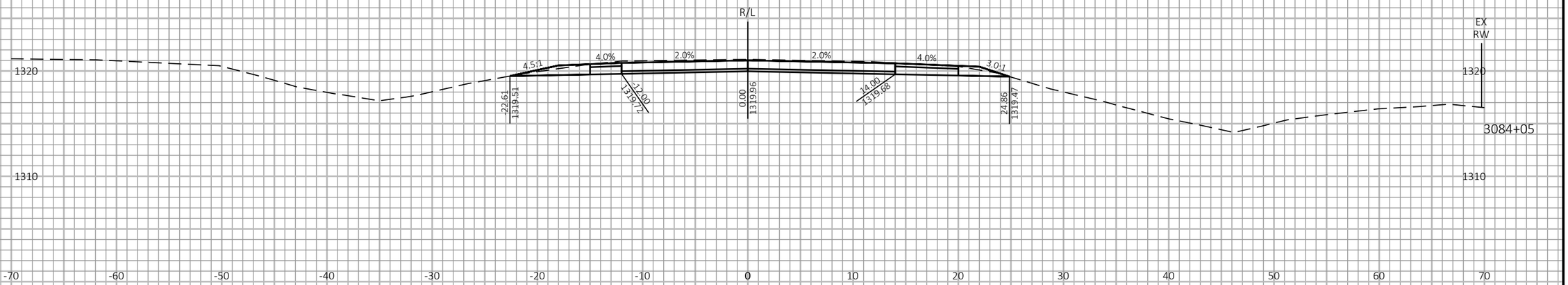
WISDOT/CADDS SHEET 49

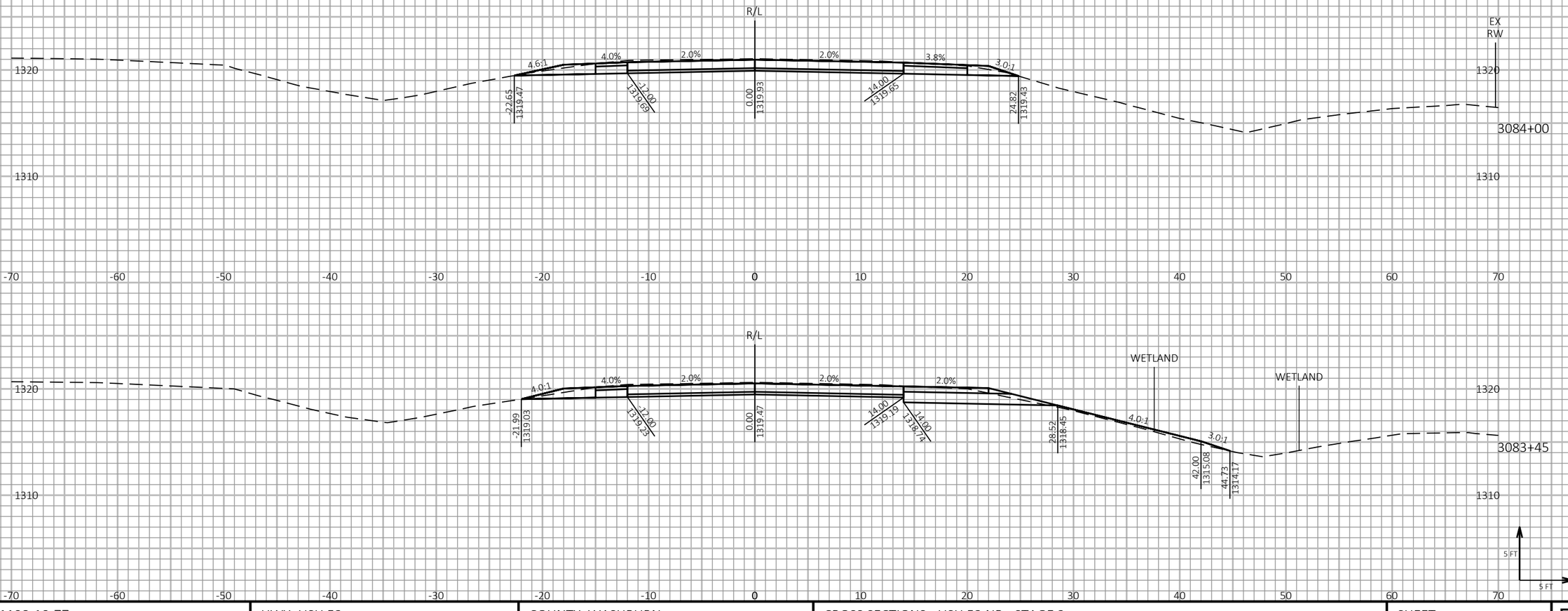
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 614	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 43

PLOT DATE : 3/25/2022 8:18 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

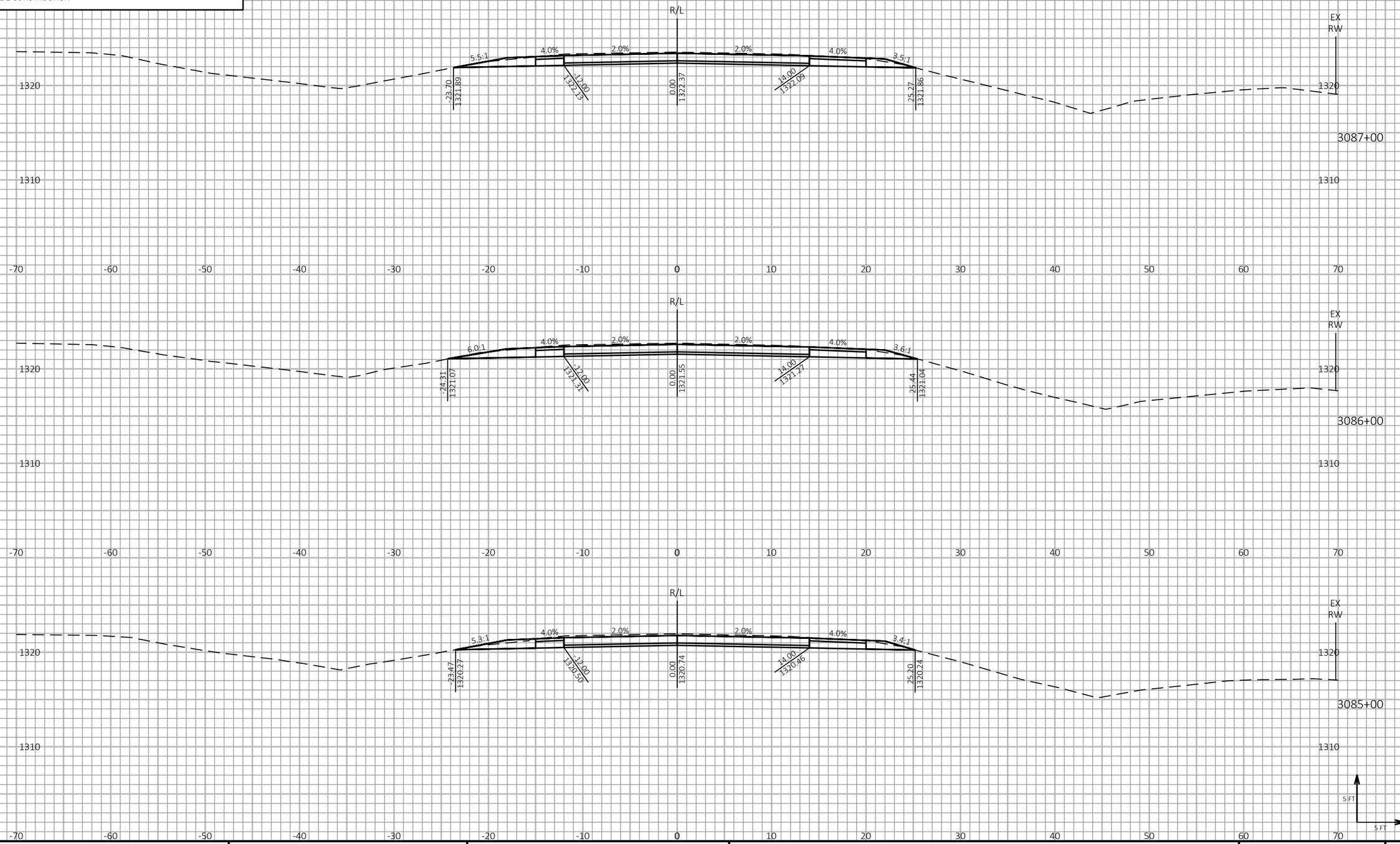
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 615	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 44

PLOT DATE : 3/25/2022 8:18 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

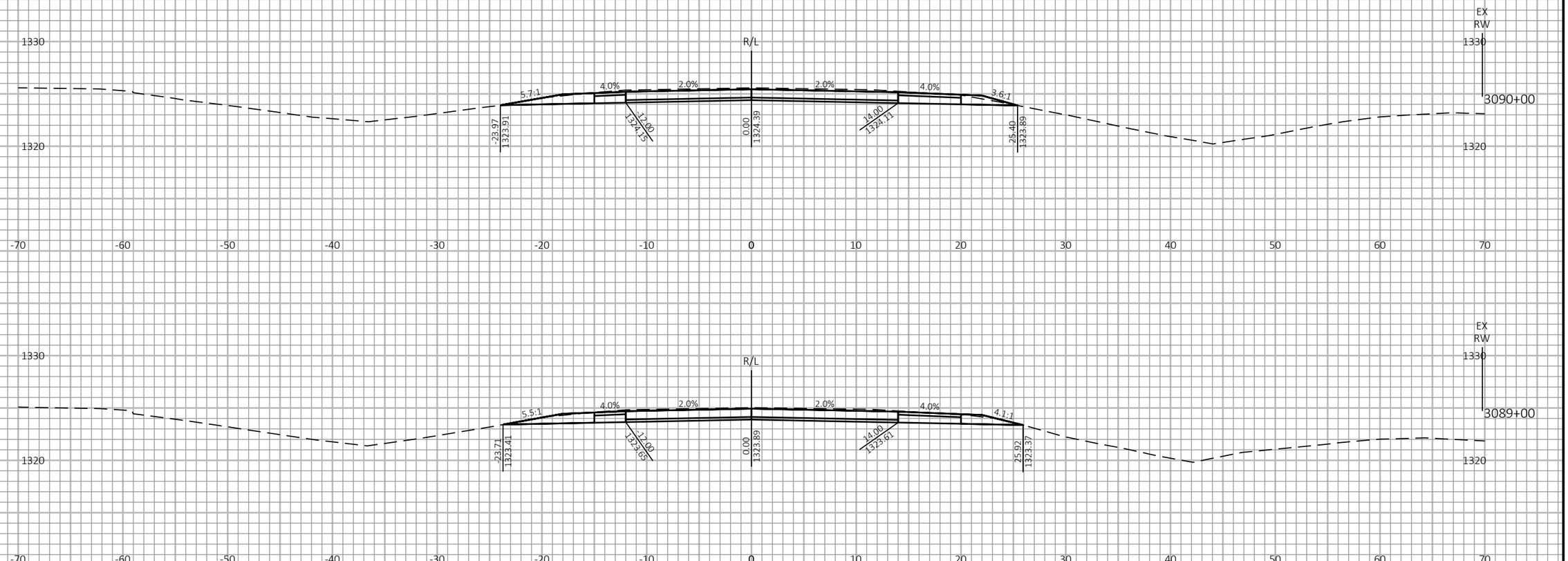
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 616	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 45

PLOT DATE : 3/25/2022 8:18 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

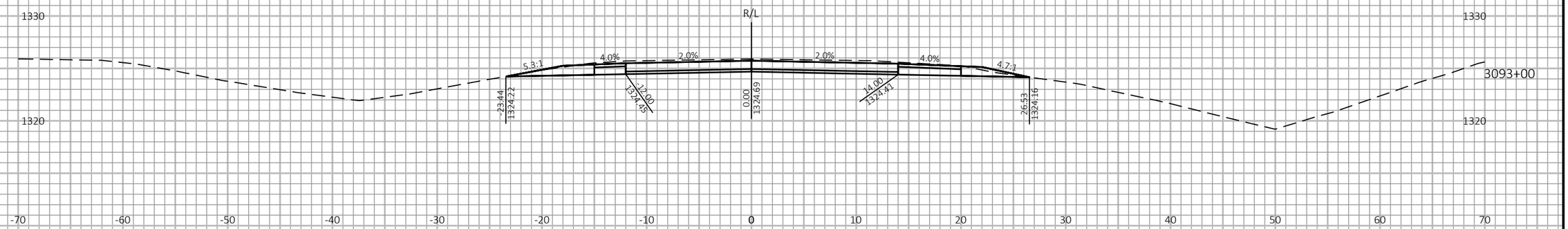
WISDOT/CADDS SHEET 49

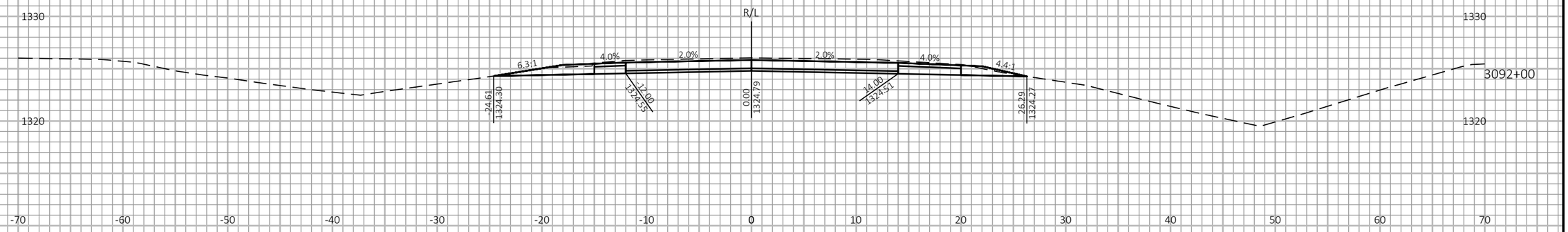
LEGEND

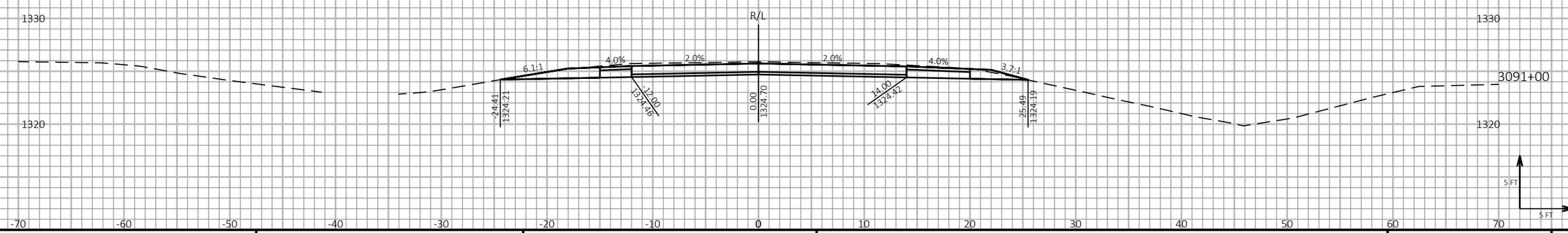
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 617	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 1/27/2022 1:17 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

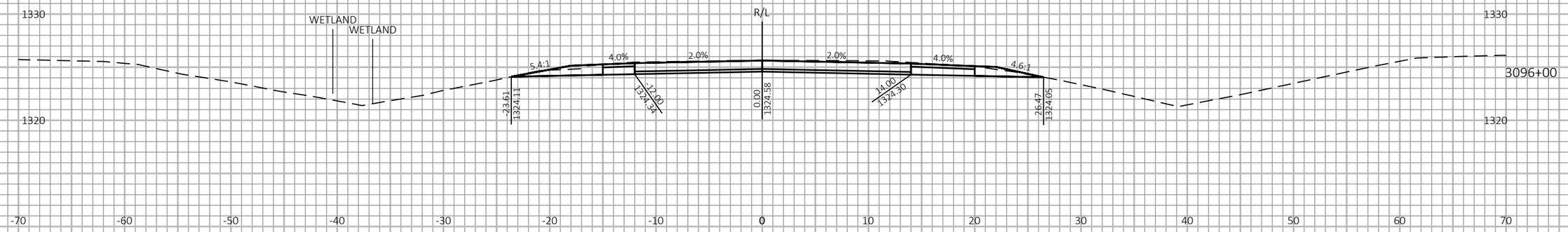
WISDOT/CADDS SHEET 49

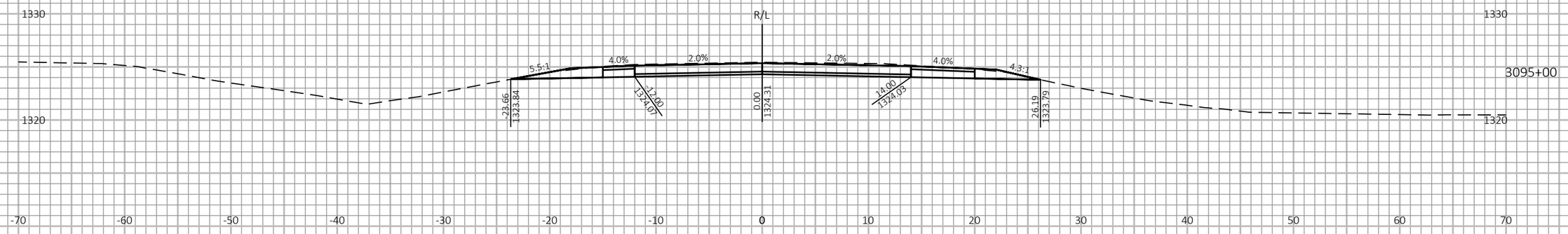
LEGEND

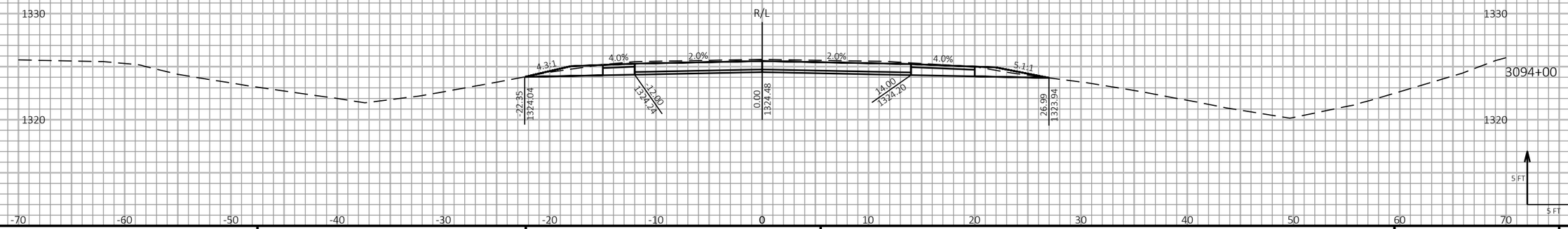
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 618	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 1/27/2022 1:18 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

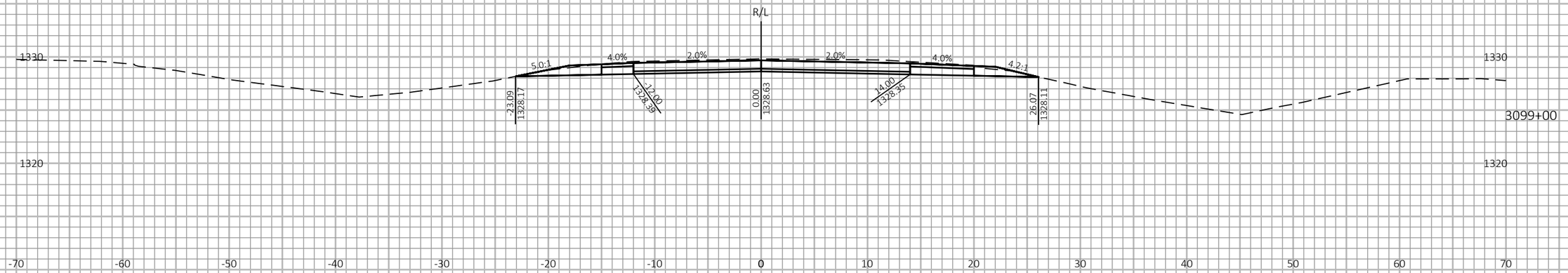
WISDOT/CADDS SHEET 49

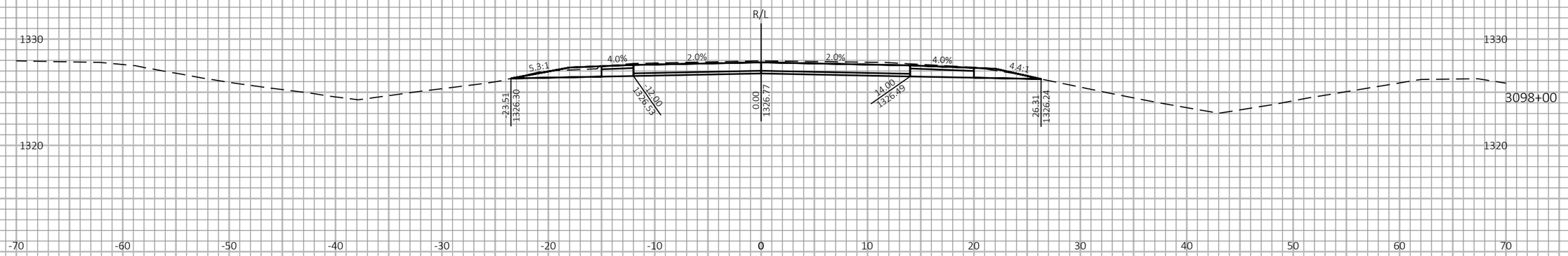
LEGEND

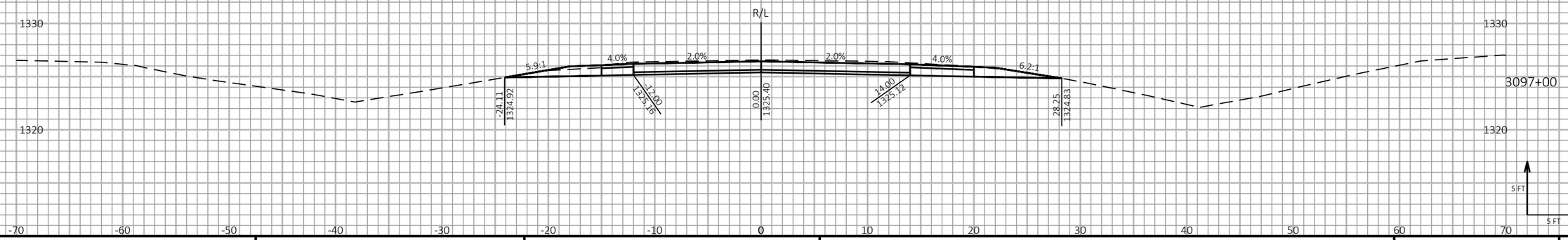
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 619	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 1/27/2022 1:18 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

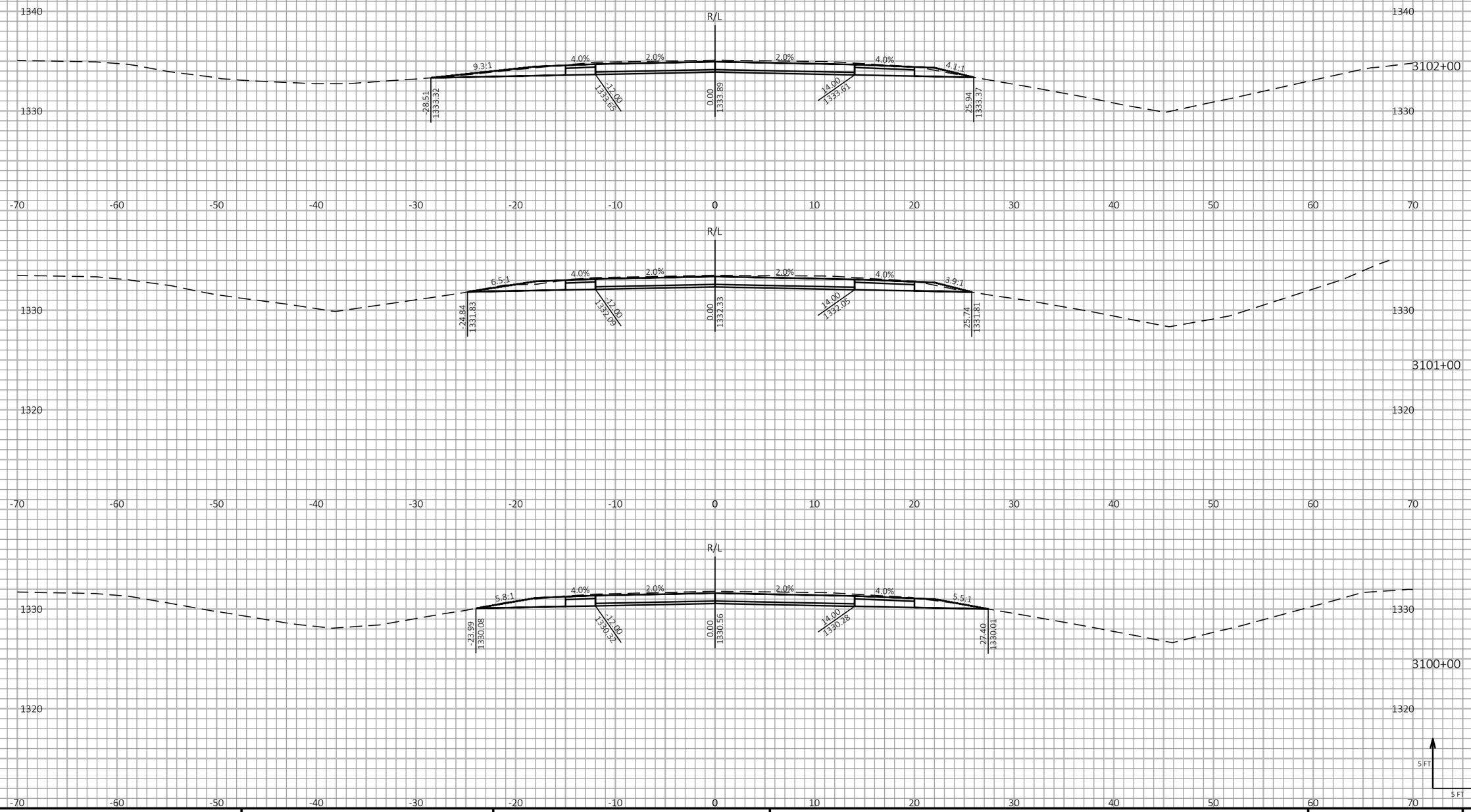
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 620	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 1/27/2022 1:18 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

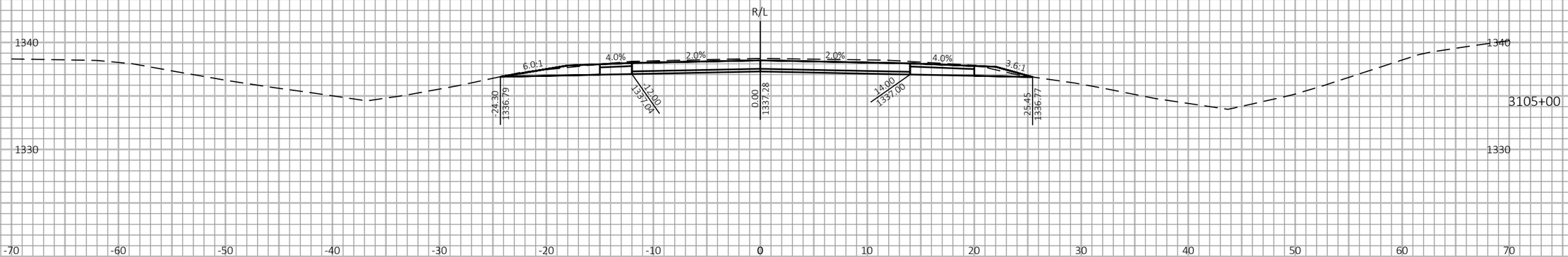
WISDOT/CADDS SHEET 49

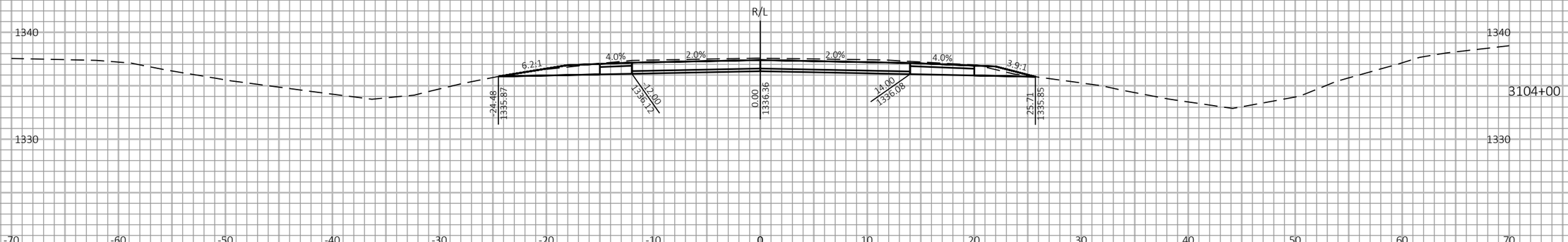
LEGEND

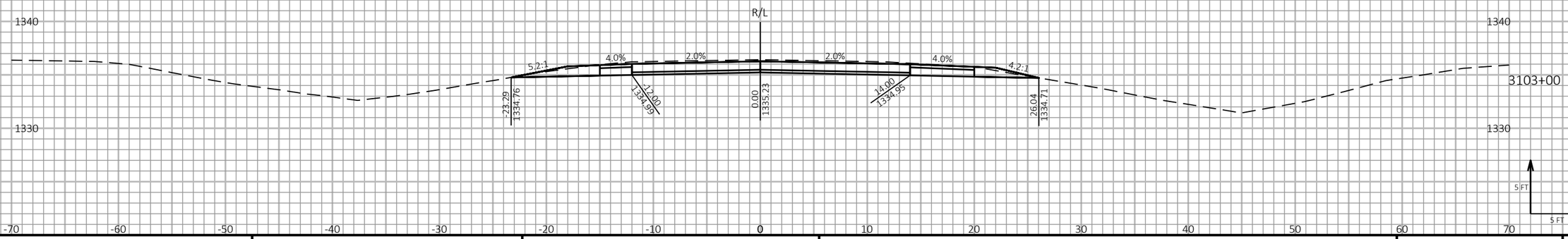
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 621	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 1/27/2022 1:18 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

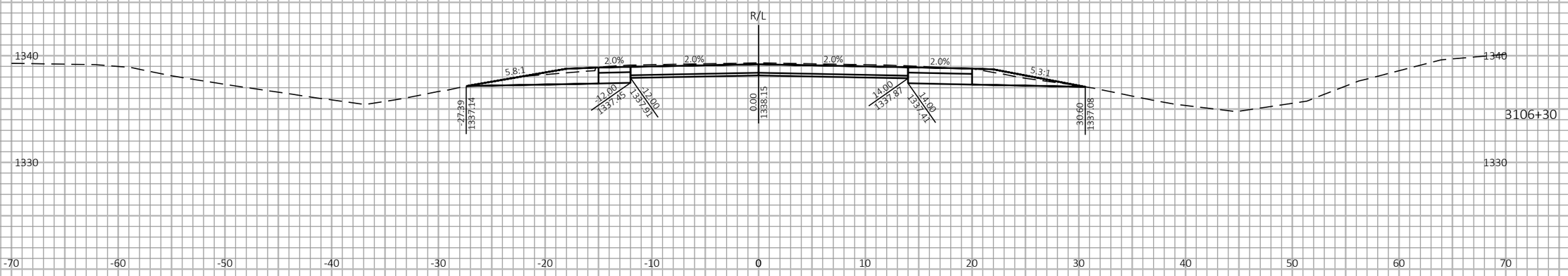
WISDOT/CADDS SHEET 49

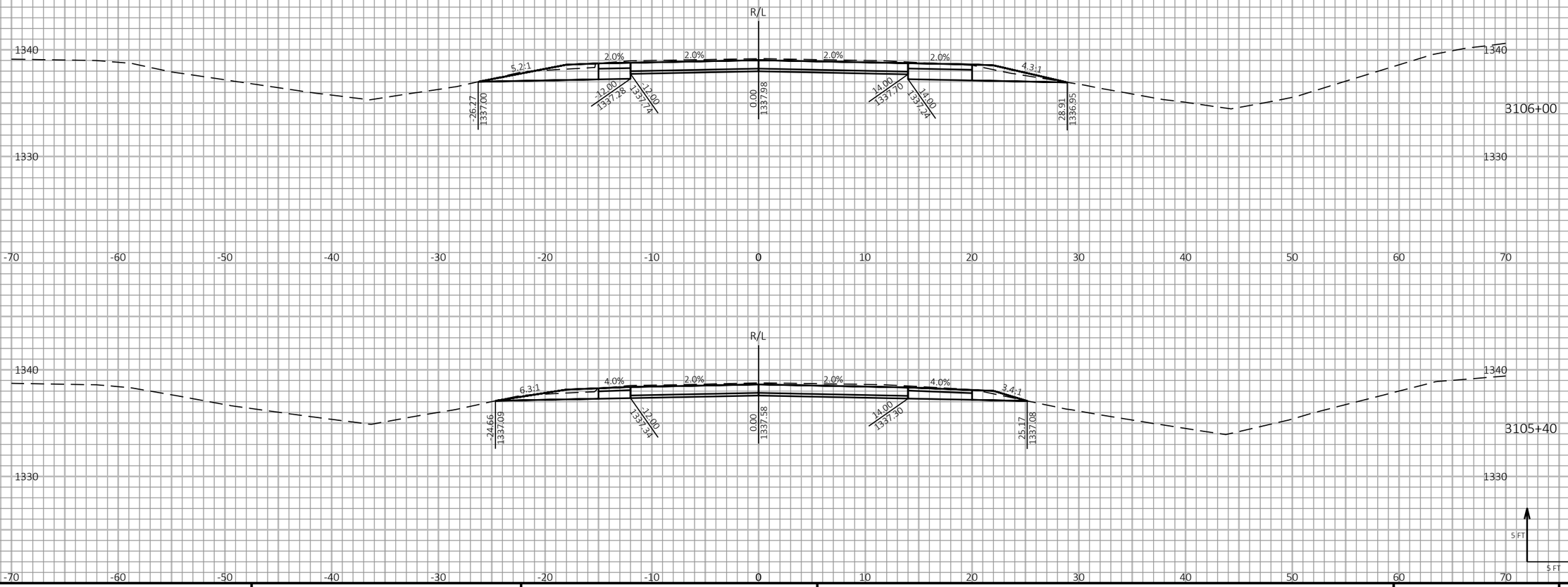
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 622	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 1/27/2022 1:19 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

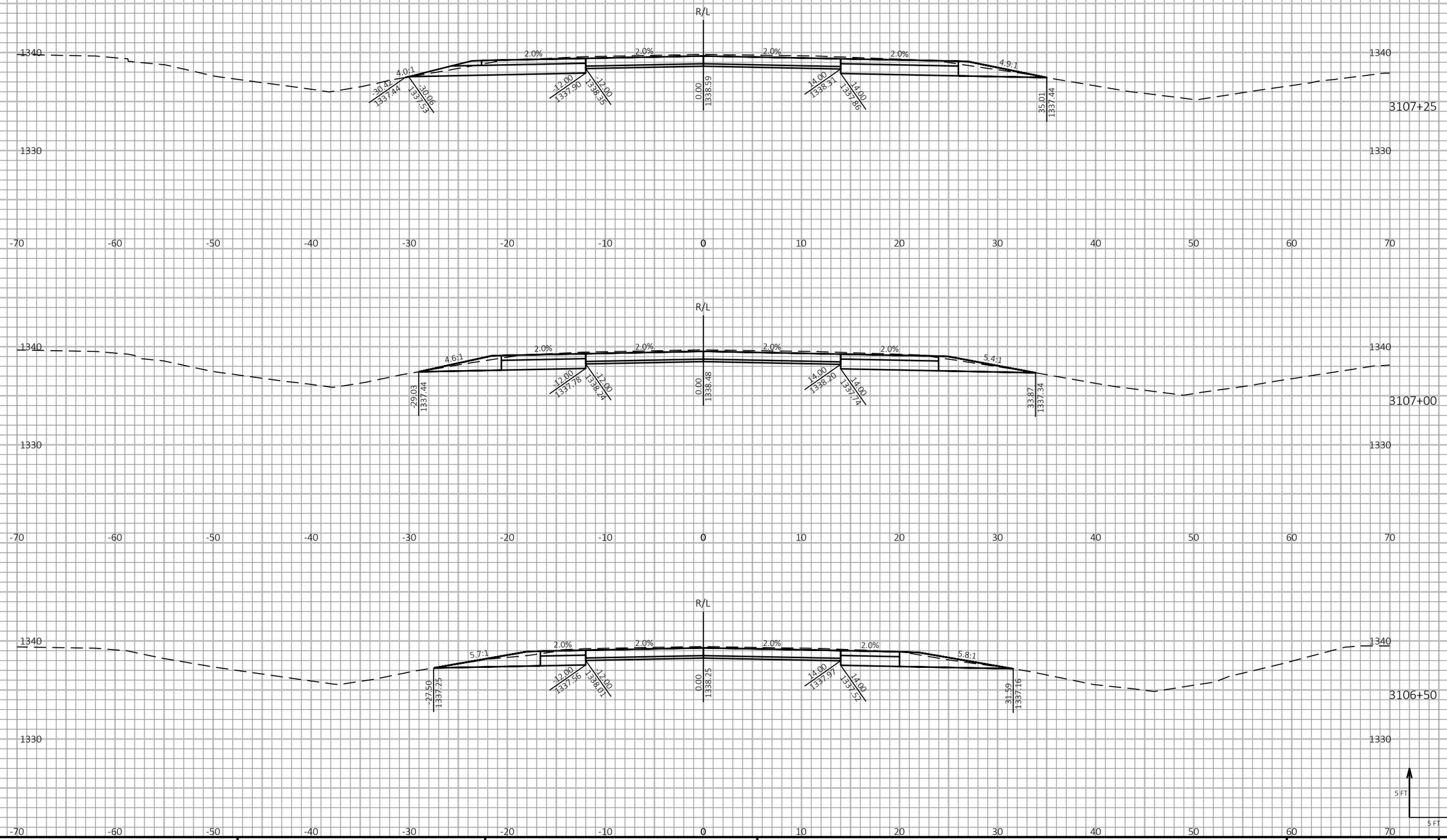
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 623	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 1/27/2022 1:19 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

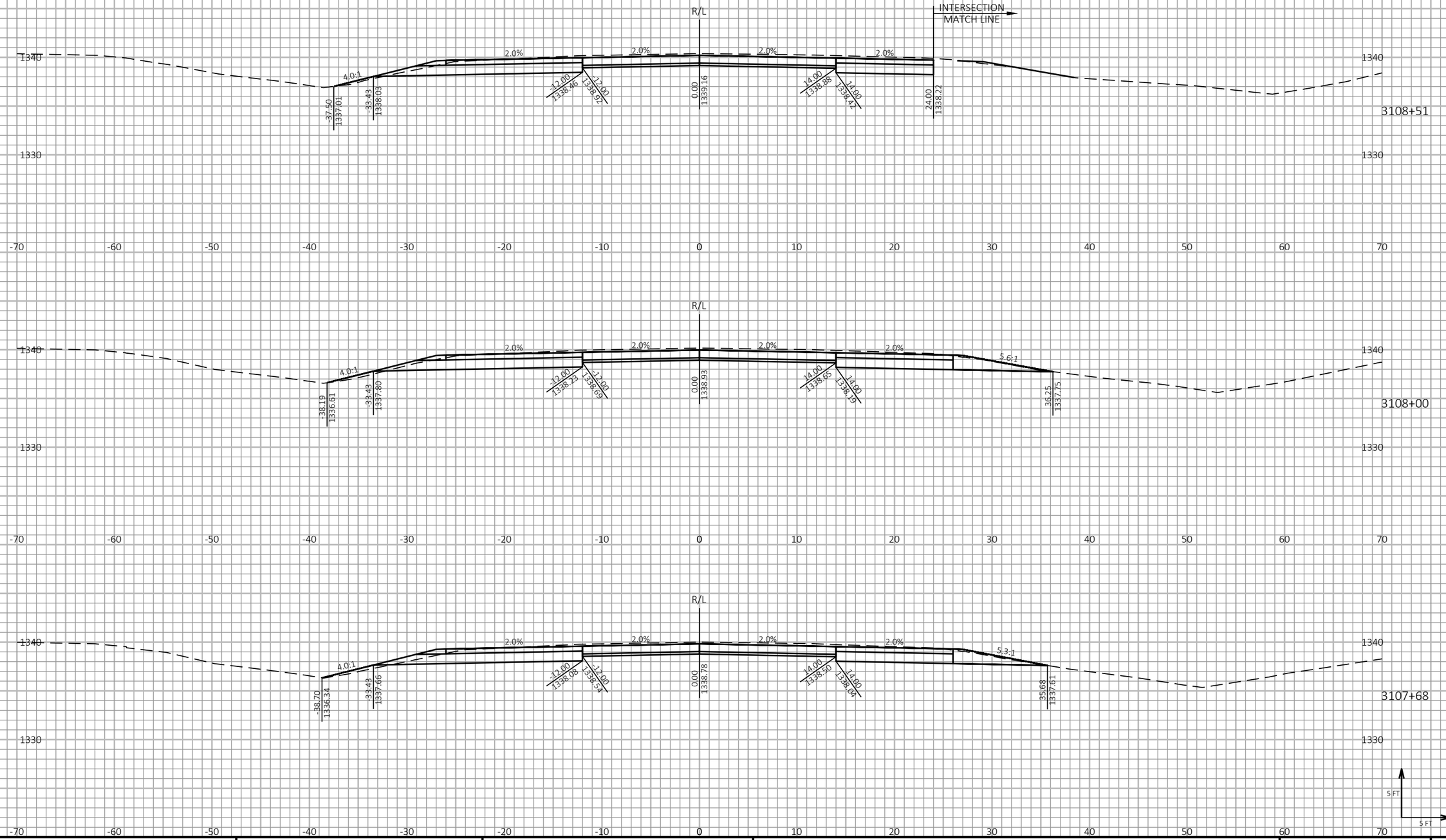
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 624	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 1/27/2022 1:19 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

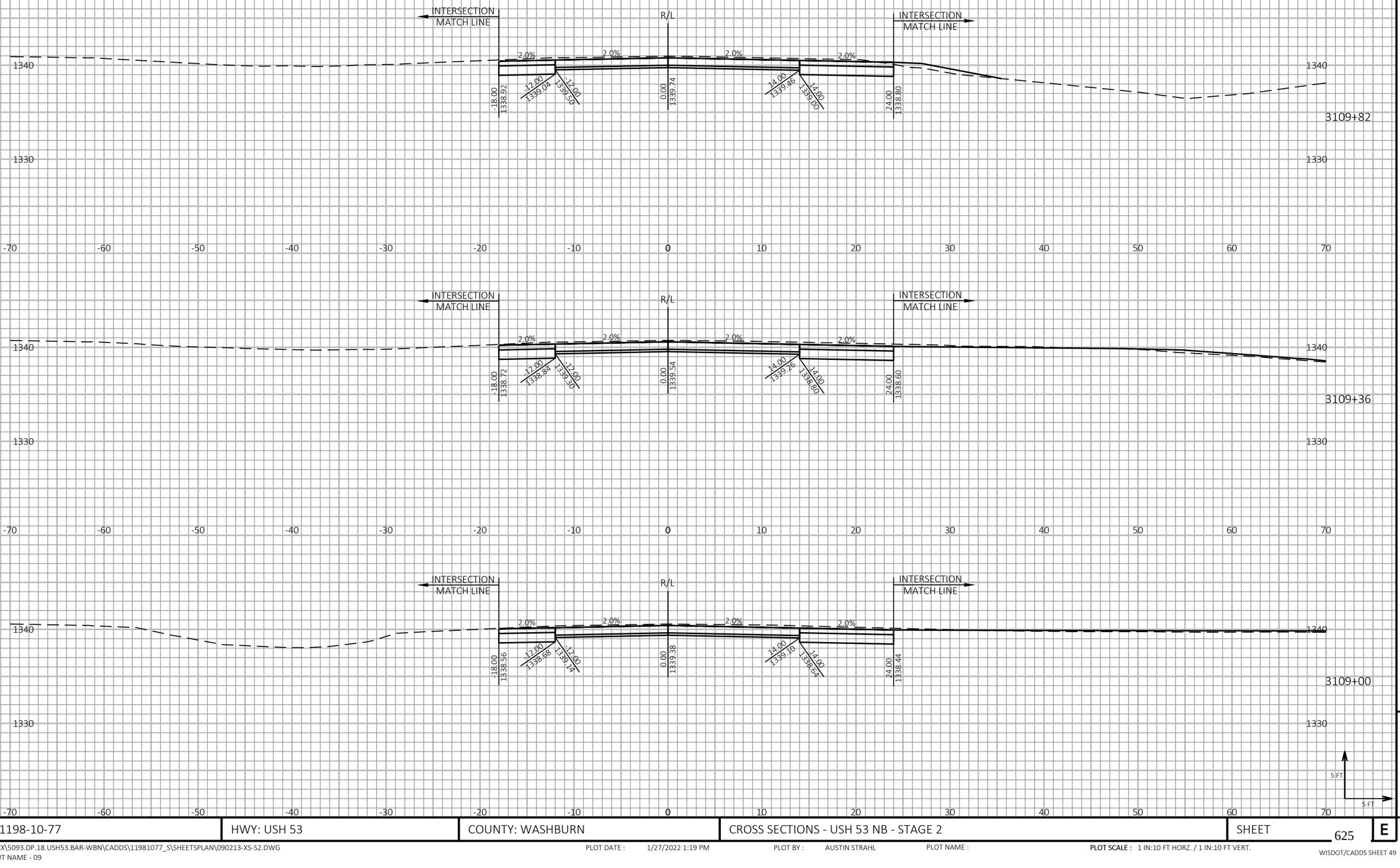
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 625	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 1/27/2022 1:19 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

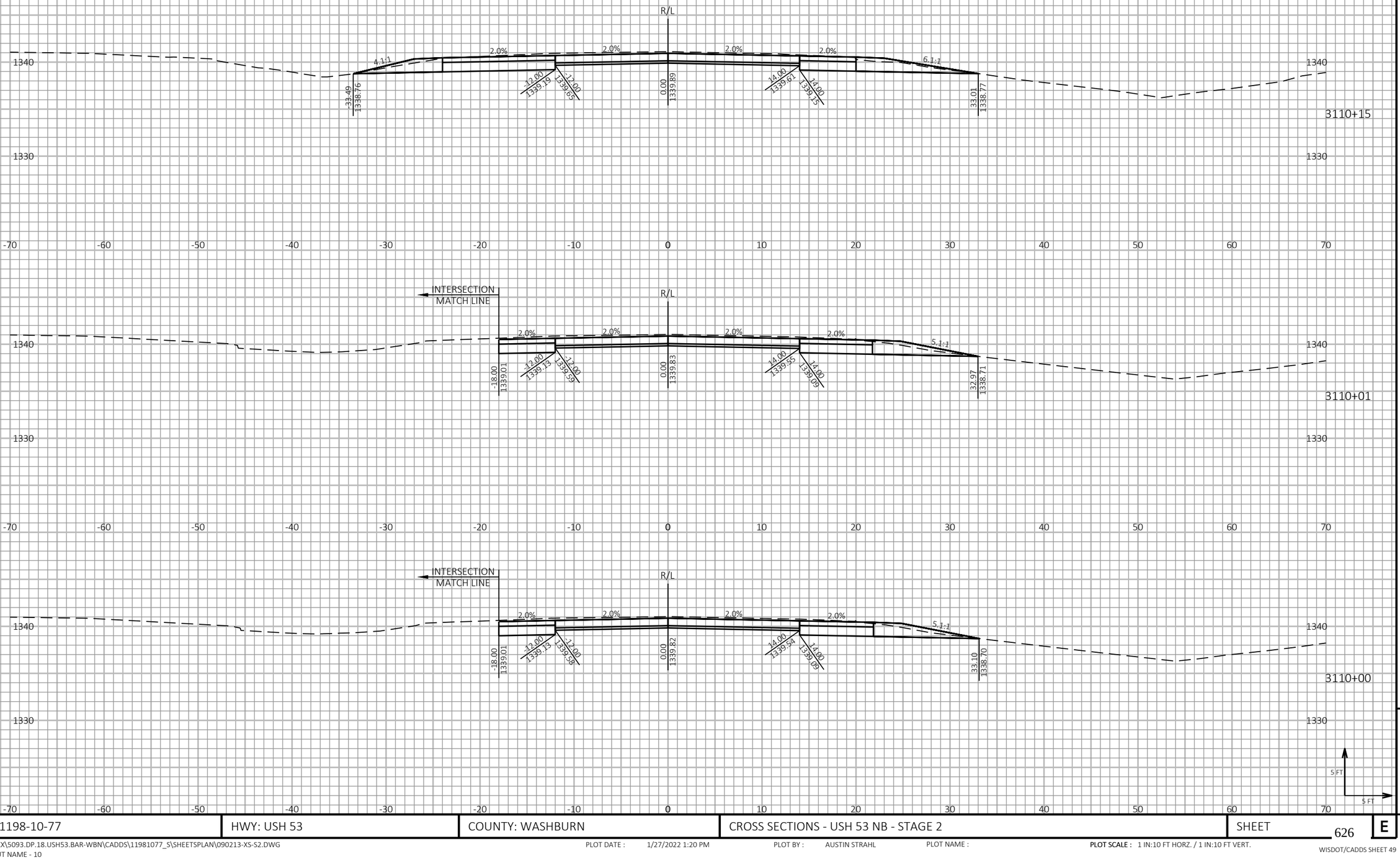
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 626	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 10

PLOT DATE : 1/27/2022 1:20 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

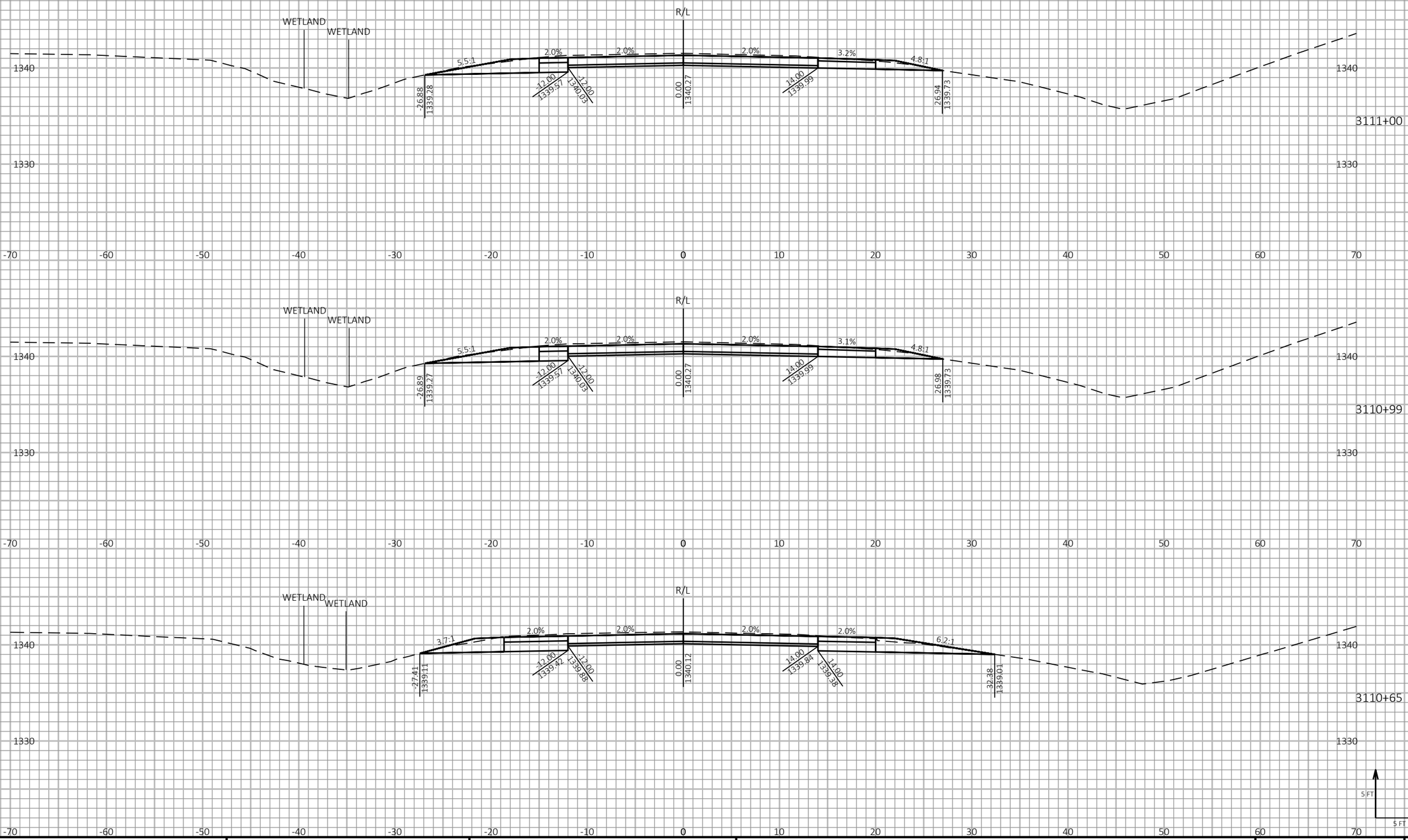
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 627	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 11

PLOT DATE : 1/27/2022 1:20 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

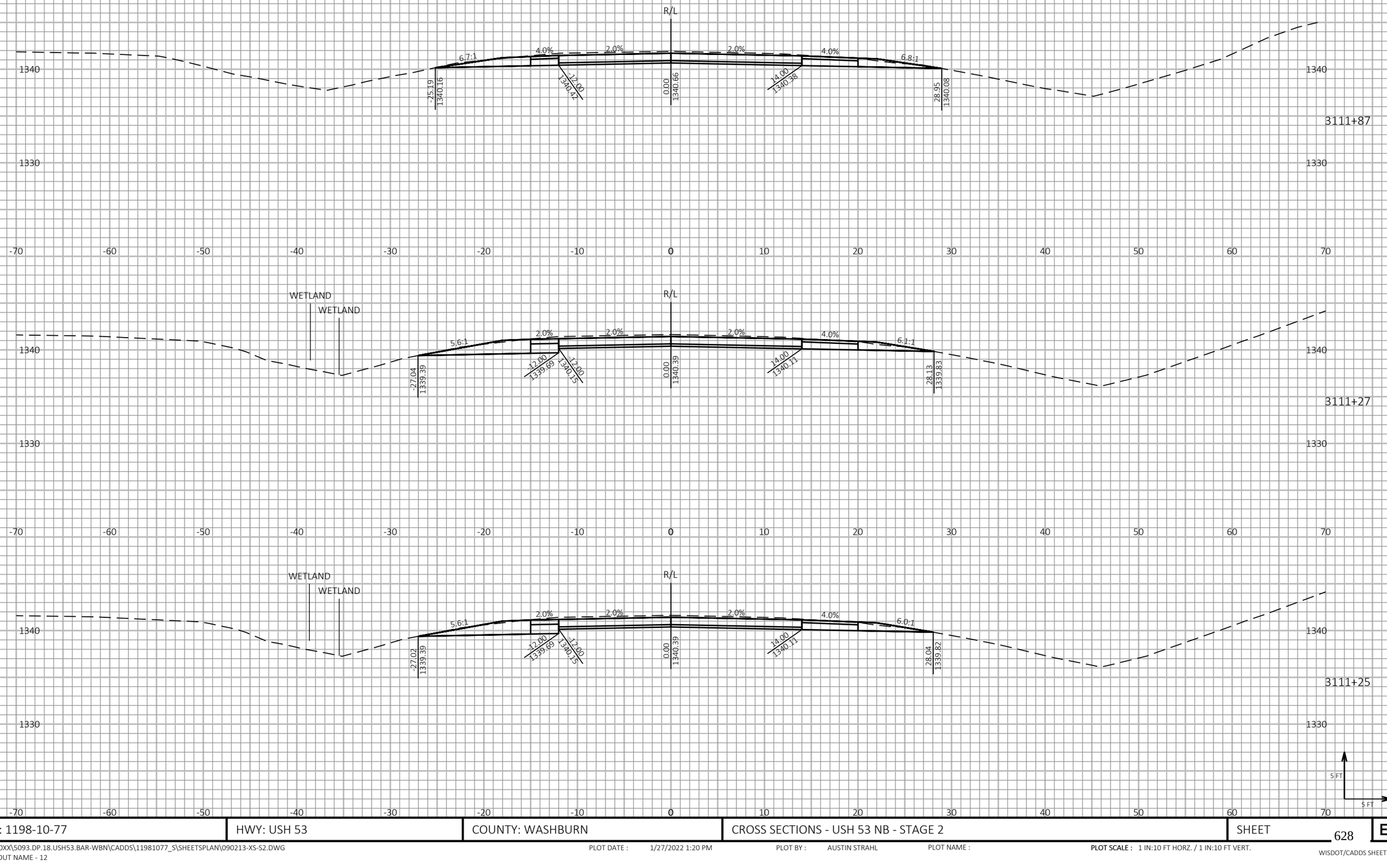
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 628	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 12

PLOT DATE : 1/27/2022 1:20 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

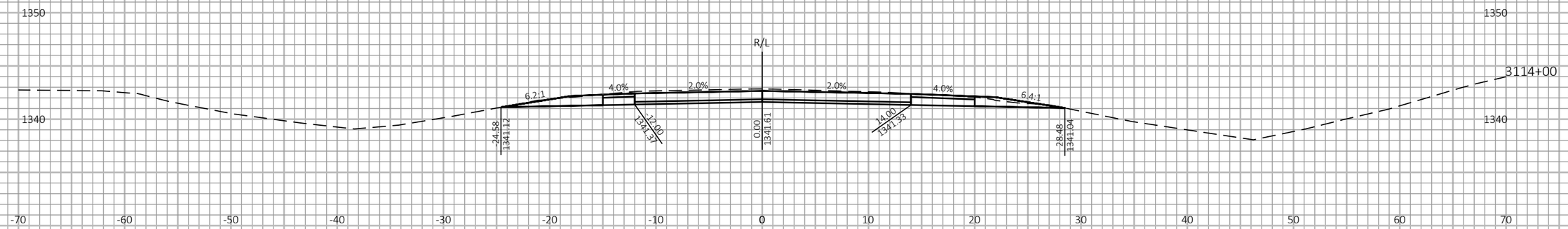
WISDOT/CADDS SHEET 49

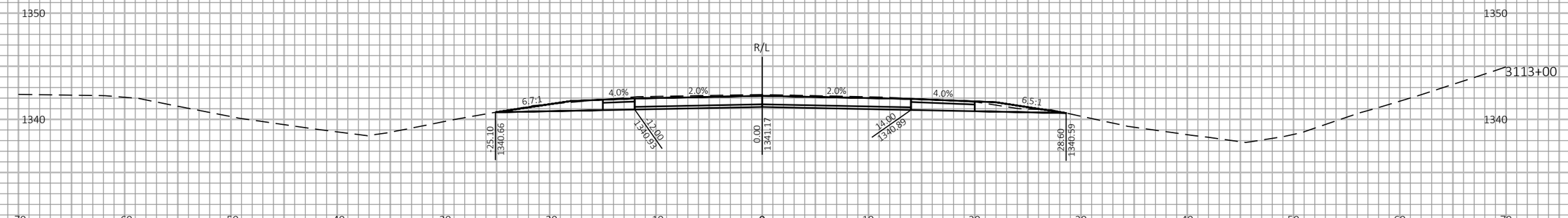
LEGEND

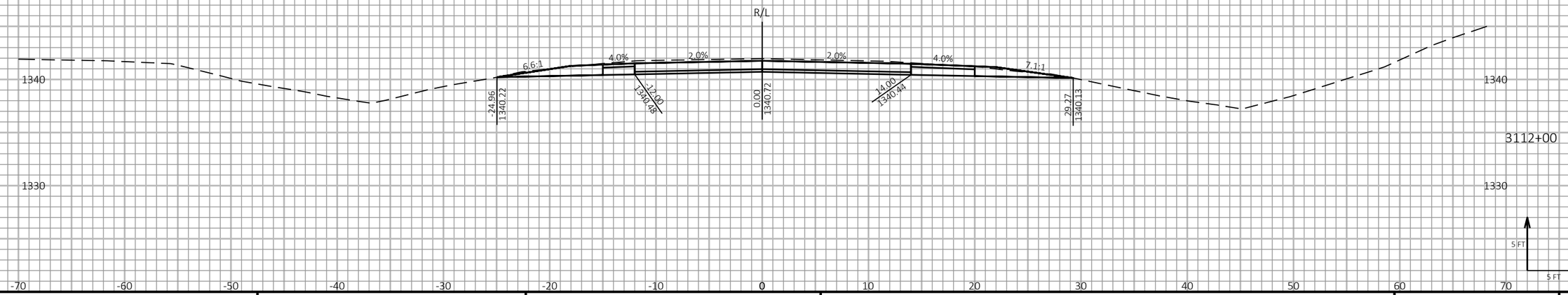
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 629	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 13

PLOT DATE : 1/27/2022 1:20 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

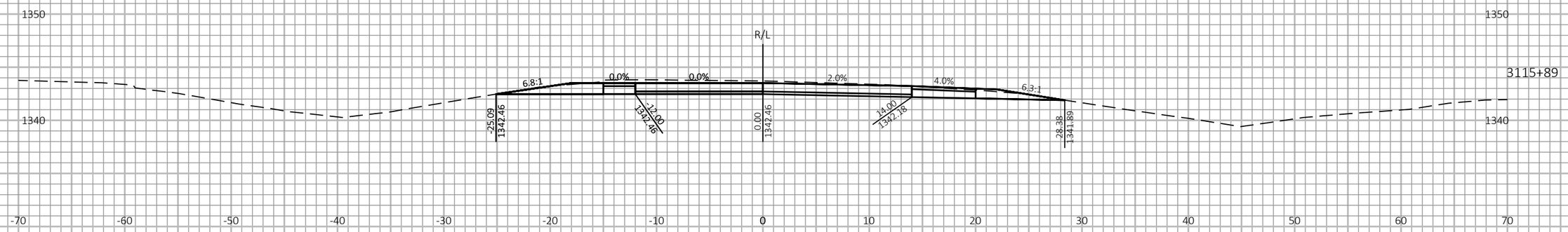
WISDOT/CADDS SHEET 49

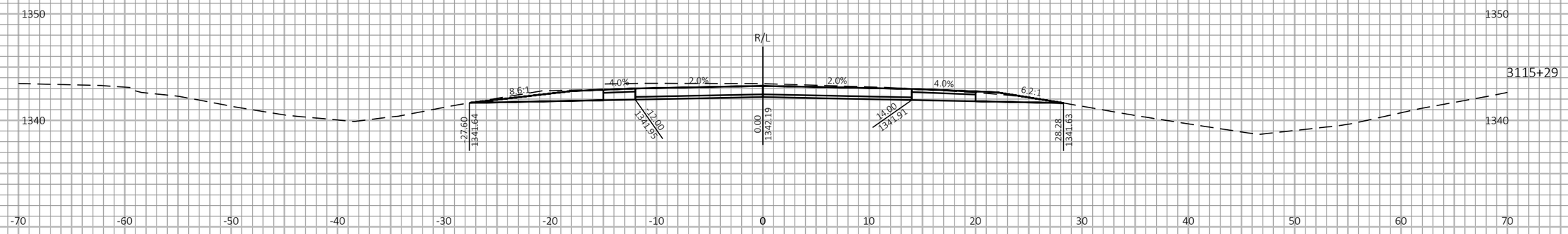
LEGEND

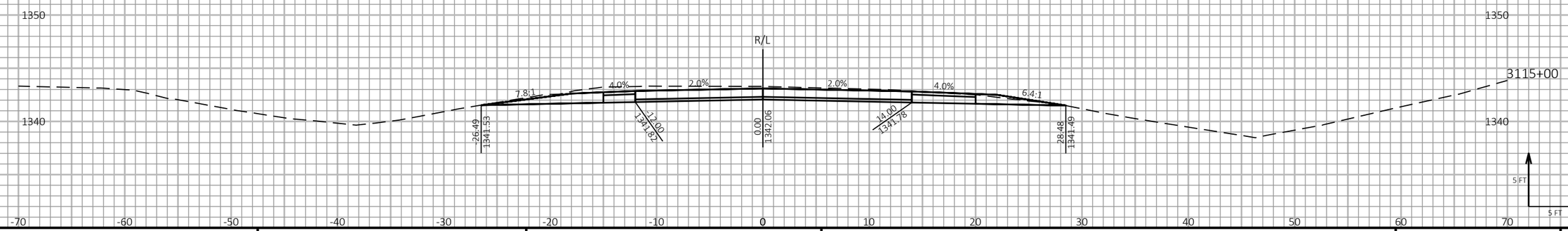
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 630	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 14

PLOT DATE : 1/27/2022 1:21 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

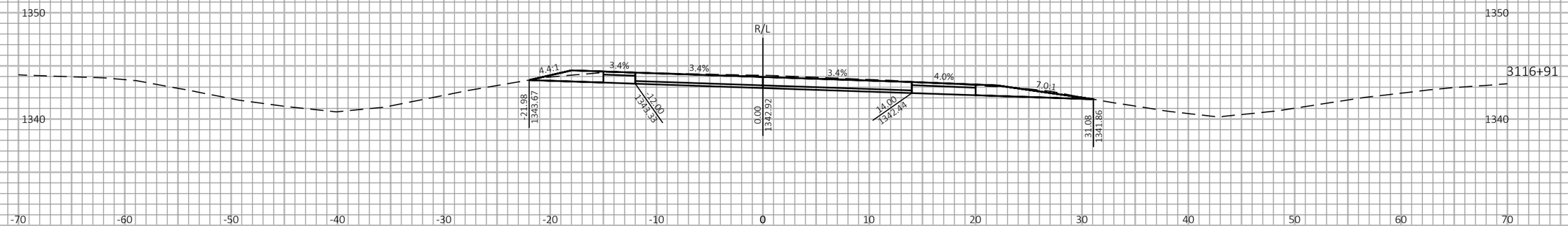
WISDOT/CADDS SHEET 49

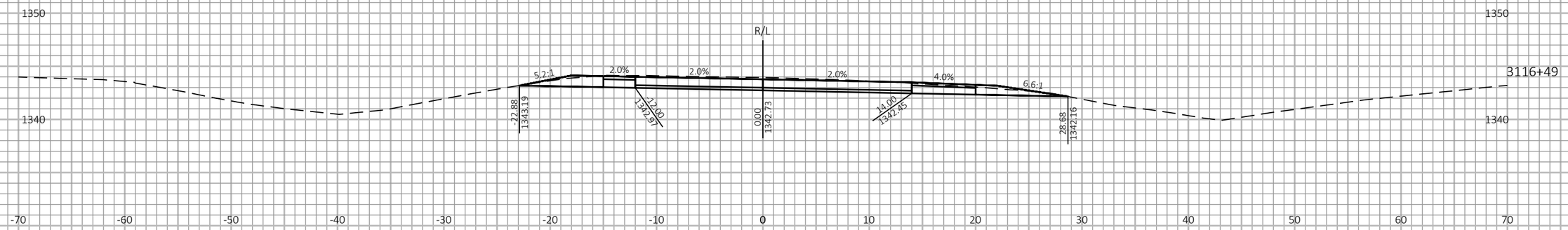
LEGEND

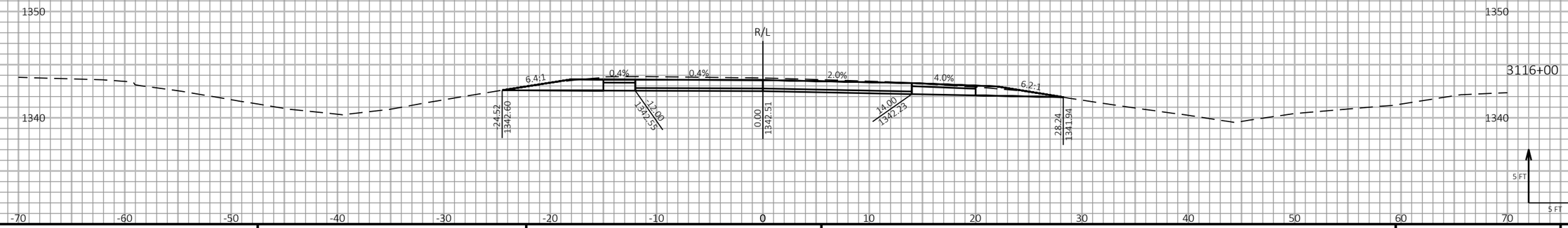
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 631	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 15

PLOT DATE : 1/27/2022 1:21 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

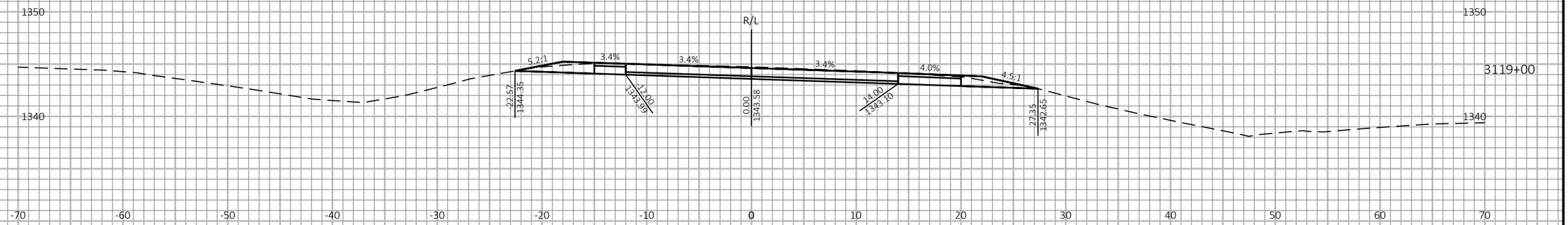
WISDOT/CADDS SHEET 49

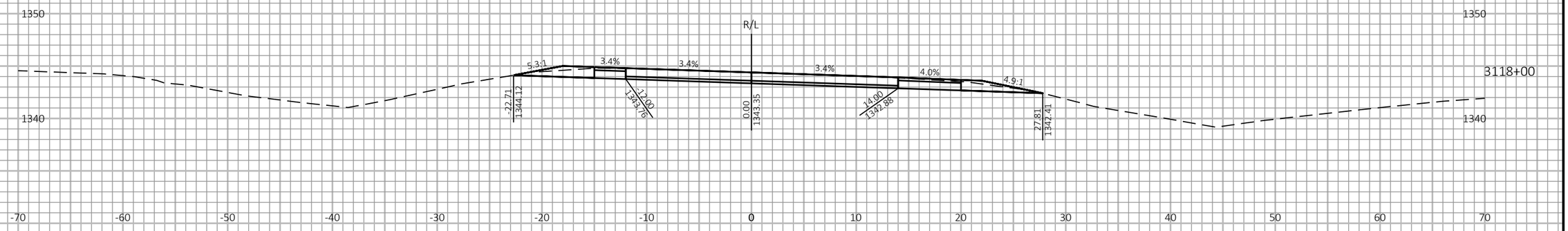
LEGEND

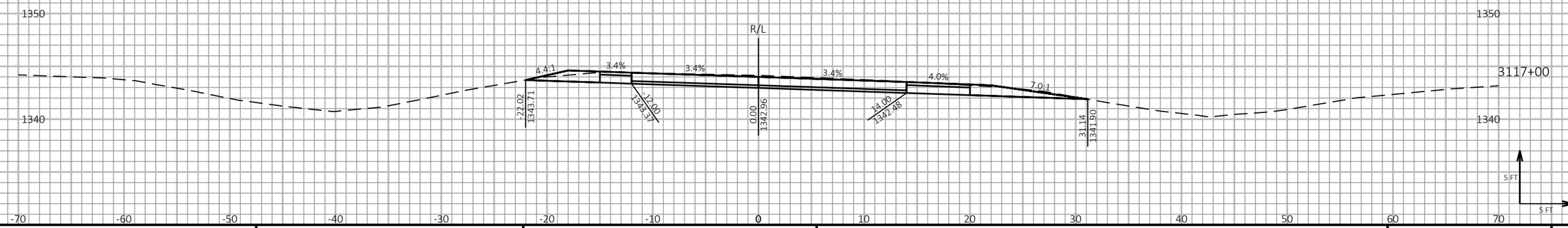
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 632	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 16

PLOT DATE : 1/27/2022 1:21 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

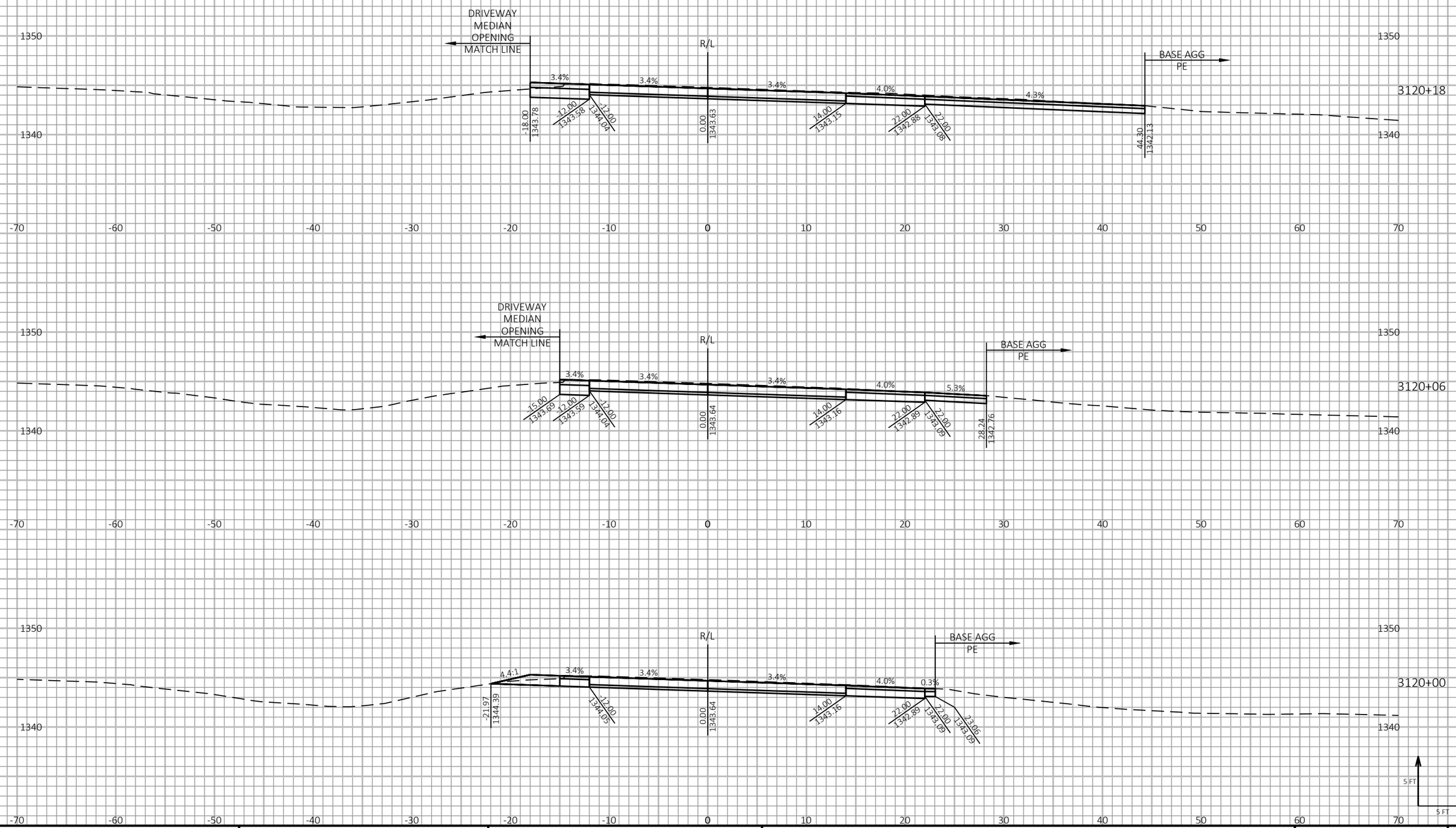
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 633	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 17

PLOT DATE : 1/27/2022 1:21 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

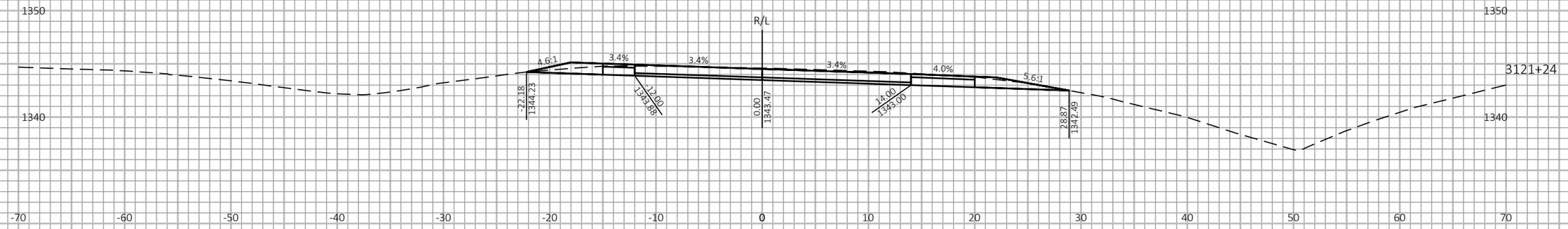
WISDOT/CADDS SHEET 49

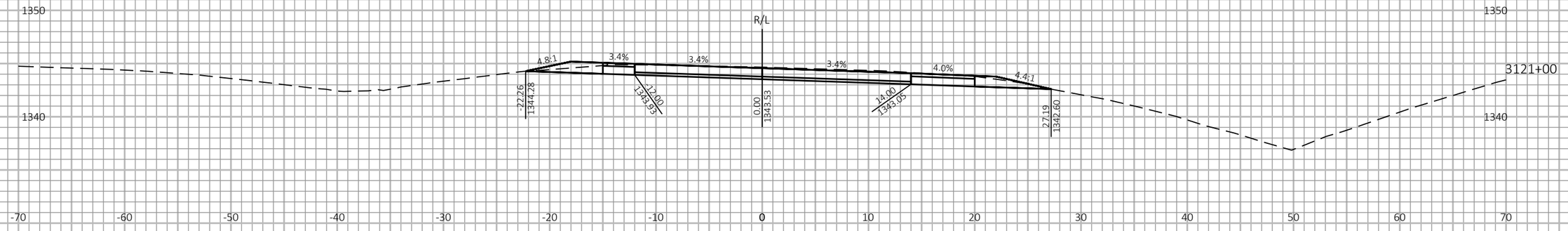
LEGEND

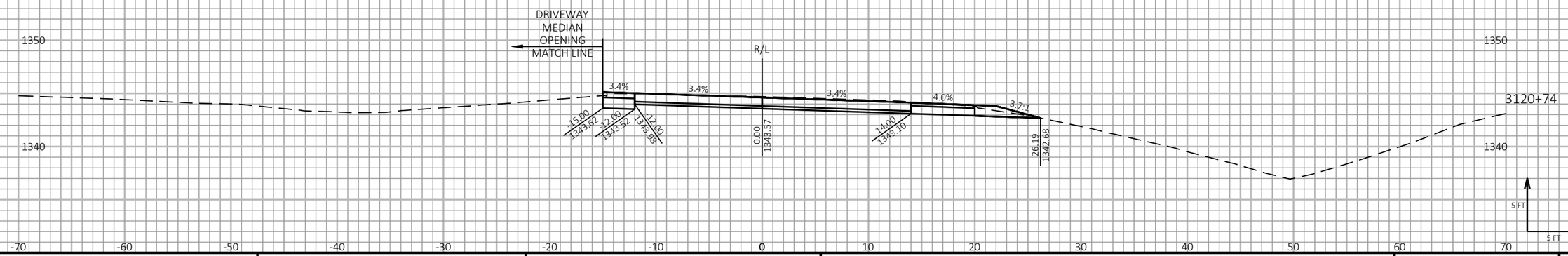
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 634	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 18

PLOT DATE : 1/27/2022 1:22 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

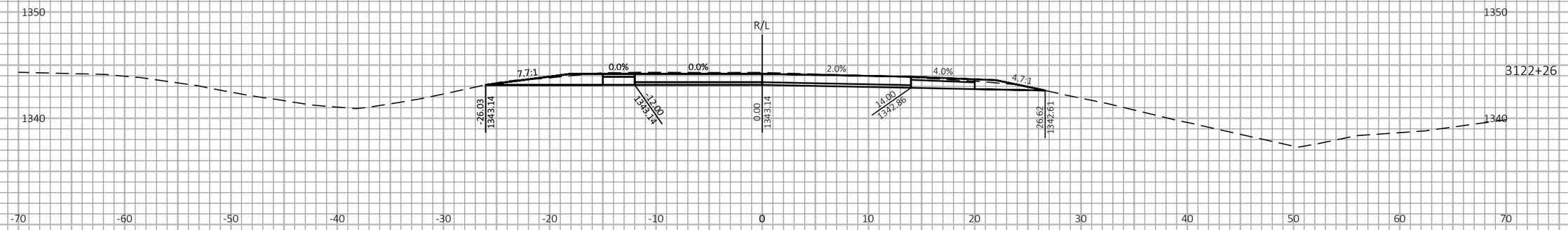
WISDOT/CADDS SHEET 49

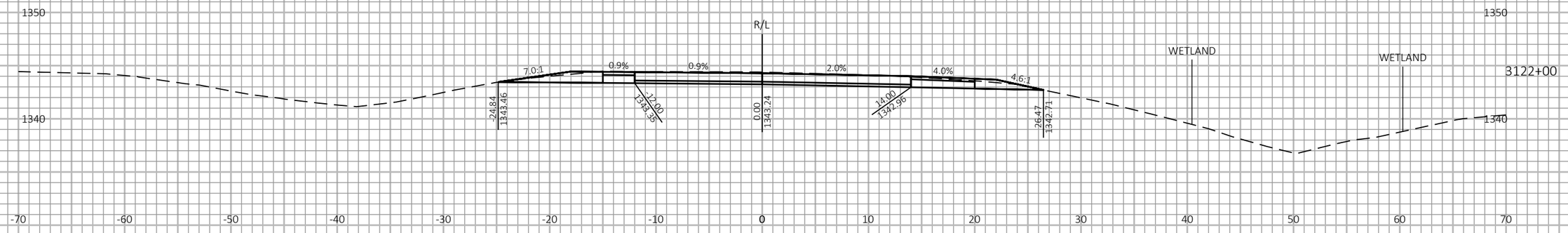
LEGEND

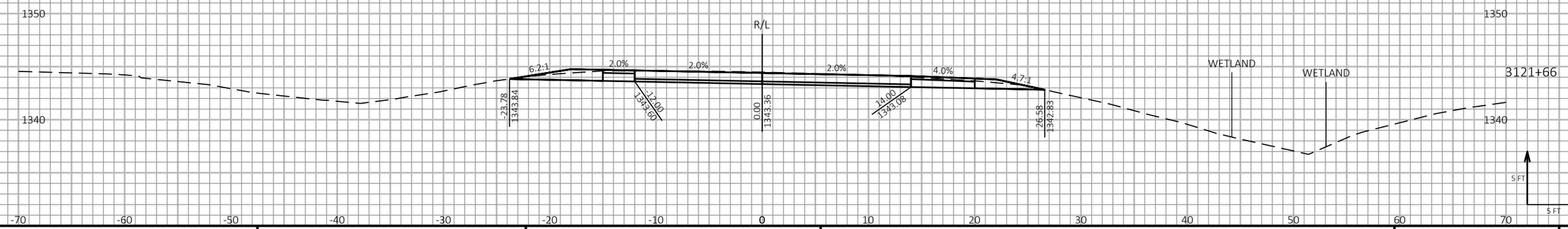
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 635	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 19

PLOT DATE : 1/27/2022 1:22 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

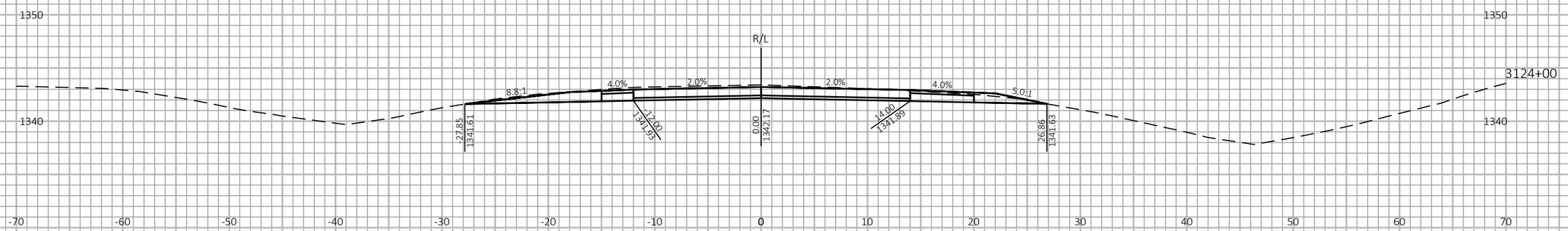
WISDOT/CADDS SHEET 49

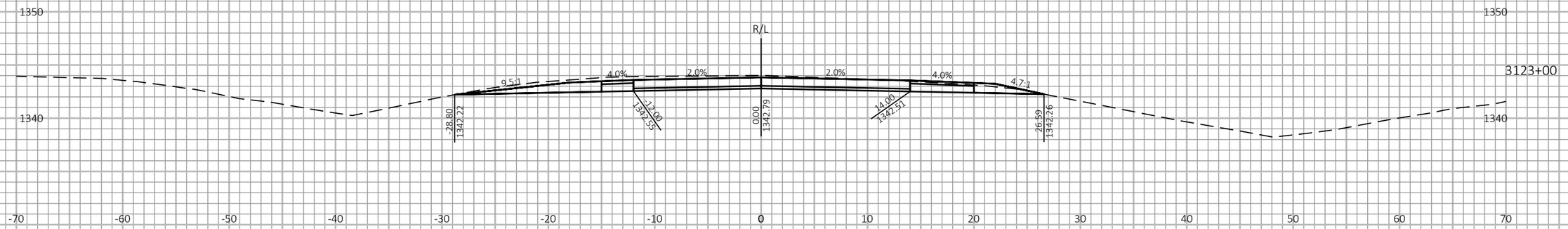
LEGEND

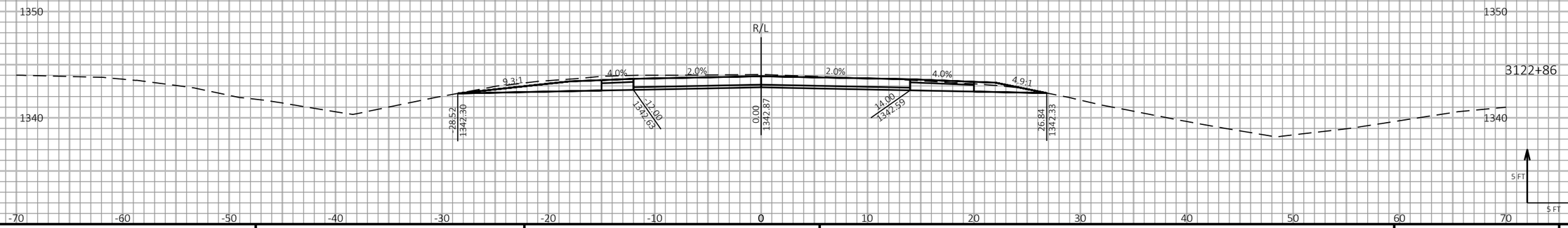
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 636	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 20

PLOT DATE : 1/27/2022 1:22 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

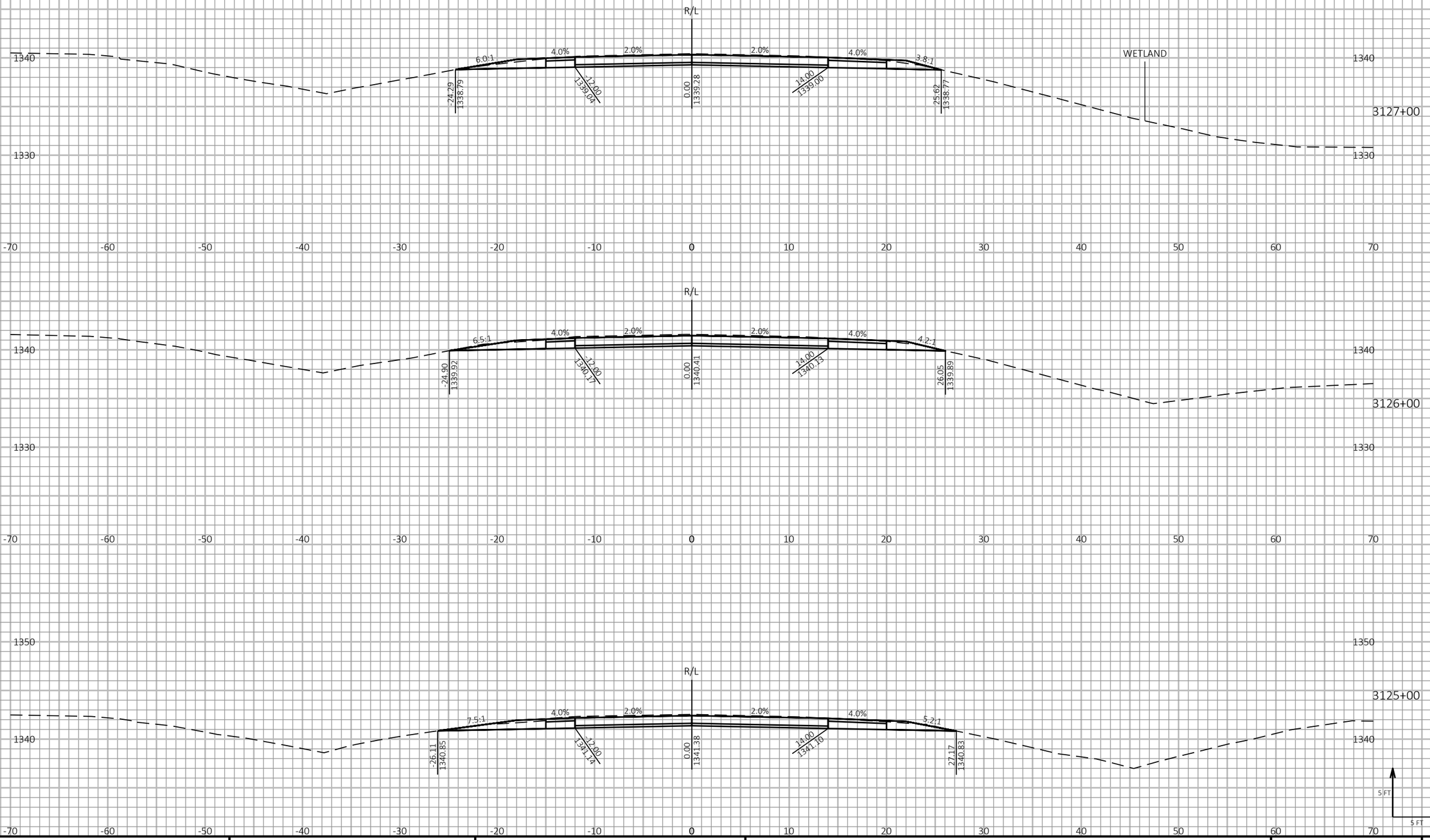
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 637	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 21

PLOT DATE : 1/27/2022 1:22 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

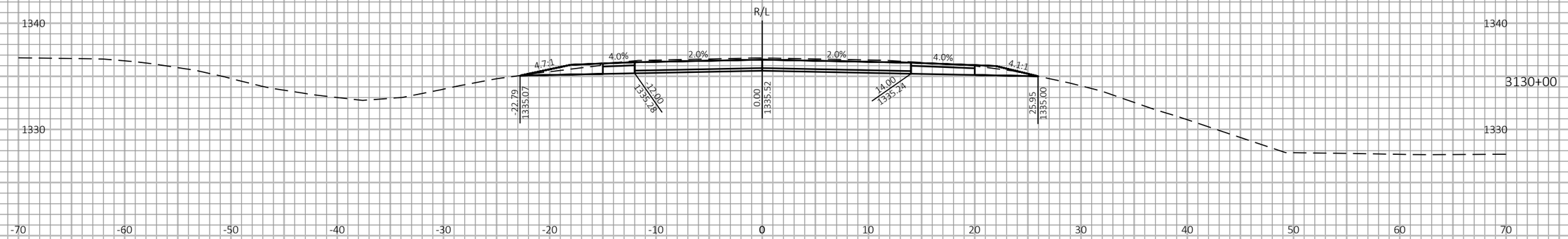
WISDOT/CADDS SHEET 49

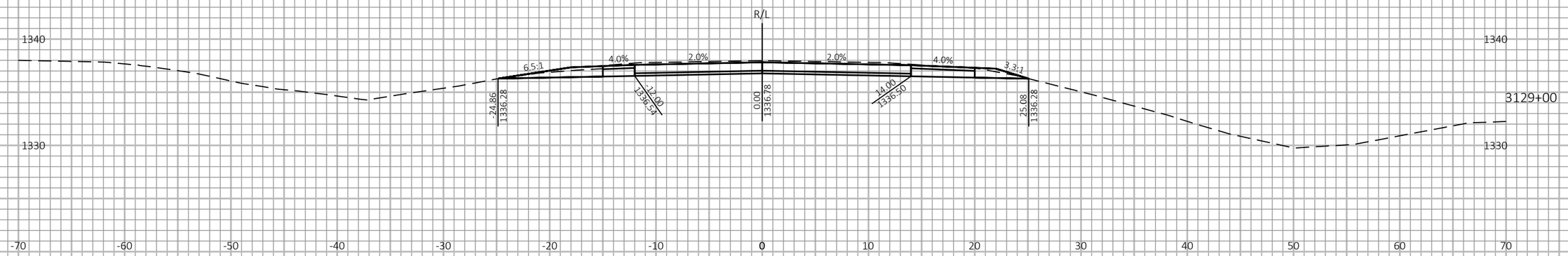
LEGEND

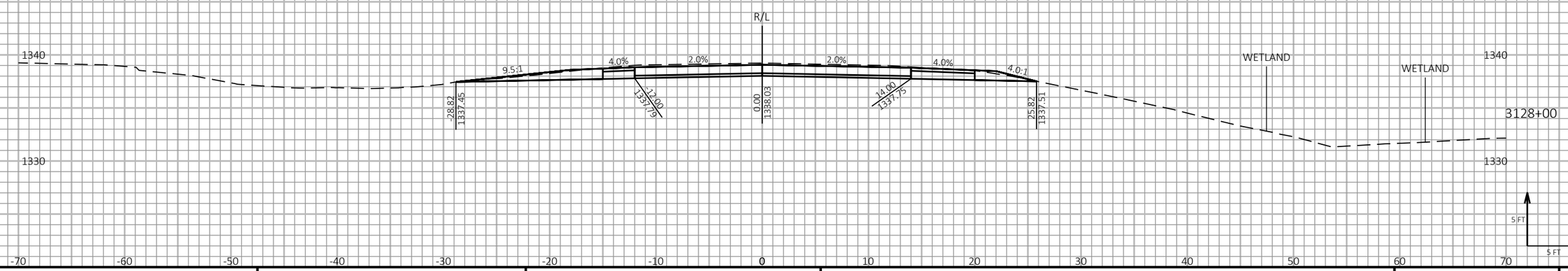
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 638	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 22

PLOT DATE : 1/27/2022 1:23 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

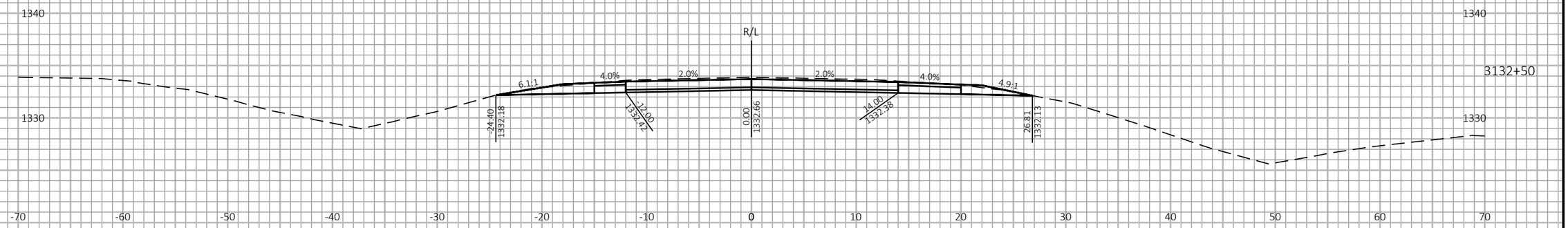
WISDOT/CADDS SHEET 49

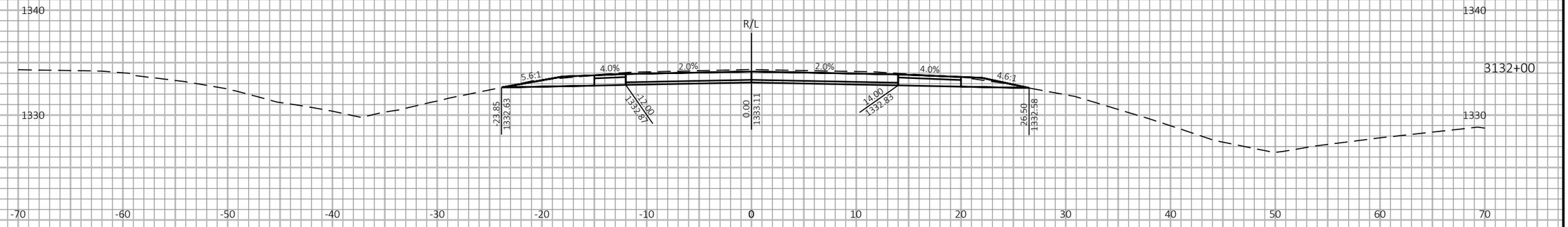
LEGEND

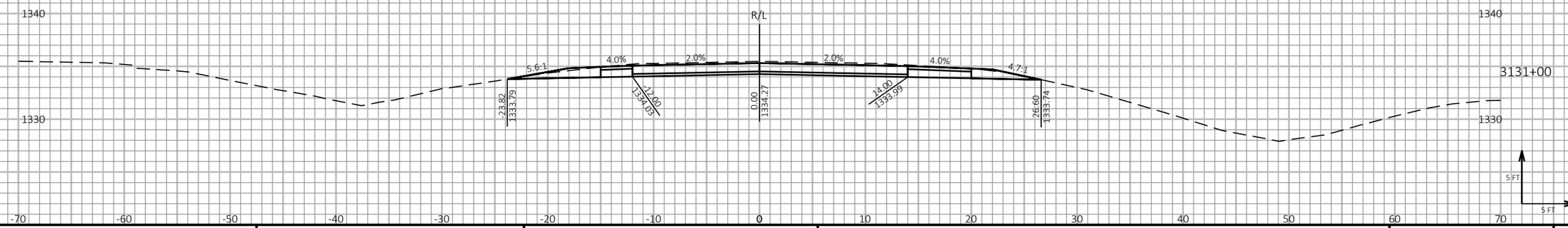
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 639	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 23

PLOT DATE : 1/27/2022 1:23 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

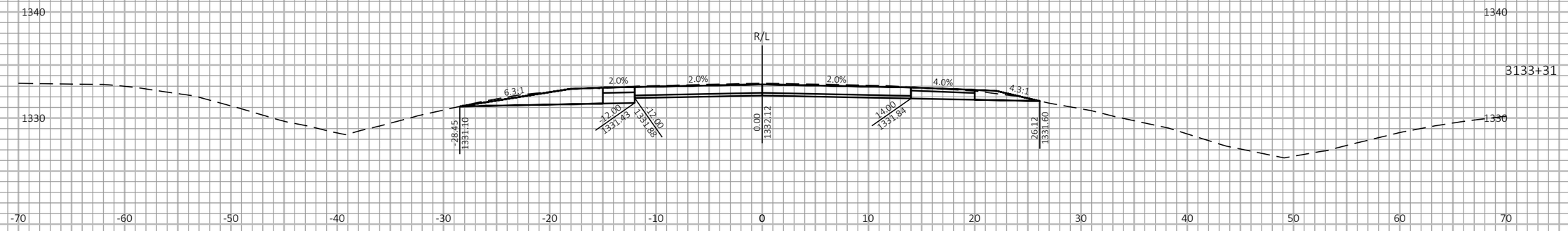
WISDOT/CADDS SHEET 49

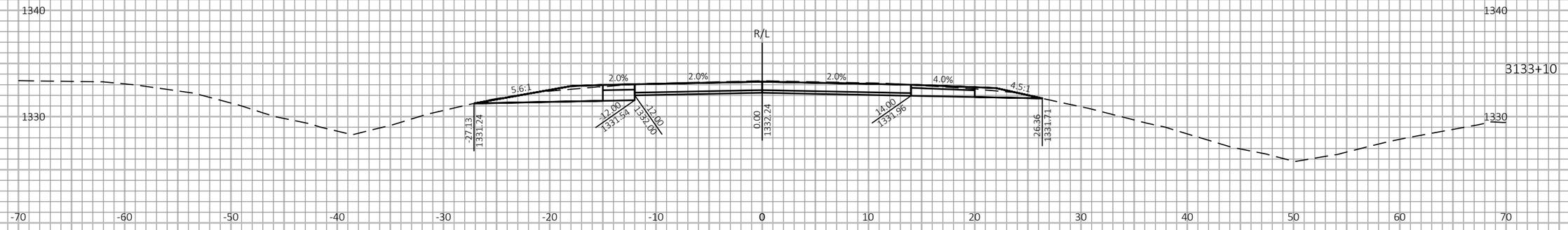
LEGEND

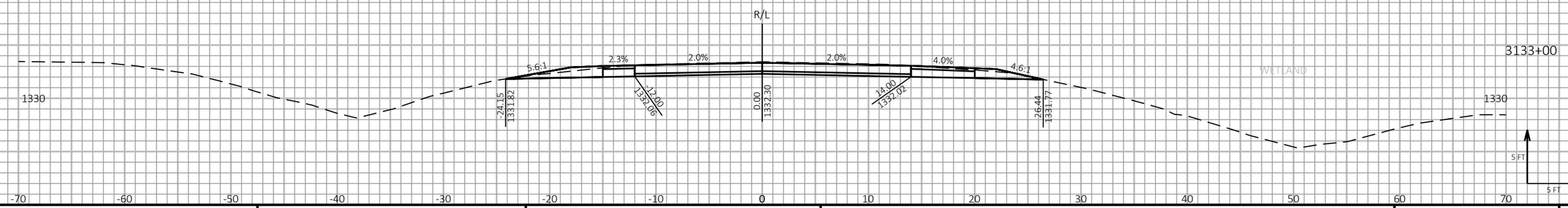
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 640	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 24

PLOT DATE : 1/27/2022 1:23 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

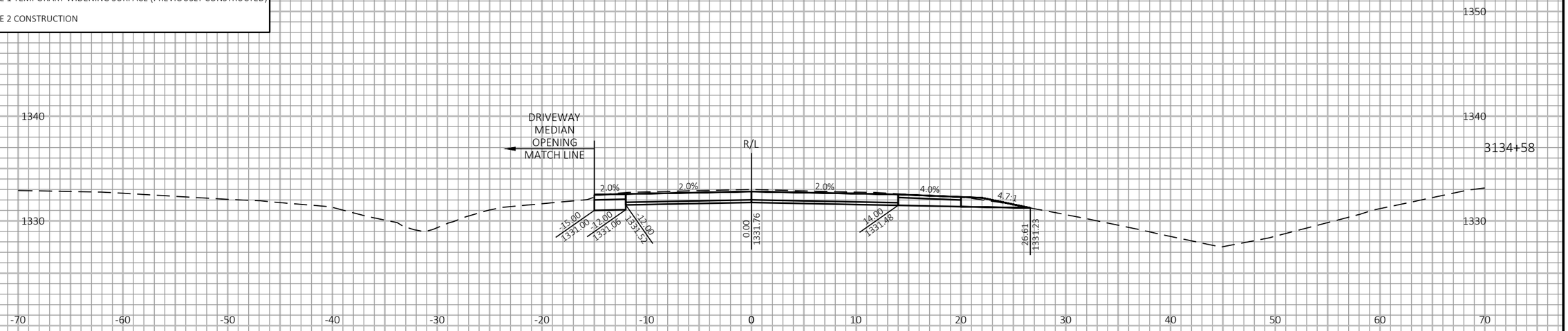
WISDOT/CADDS SHEET 49

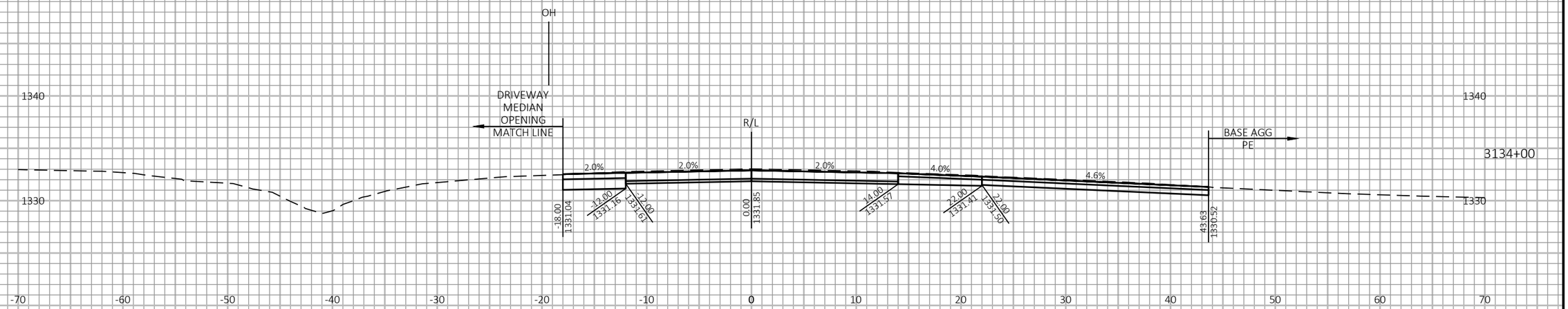
LEGEND

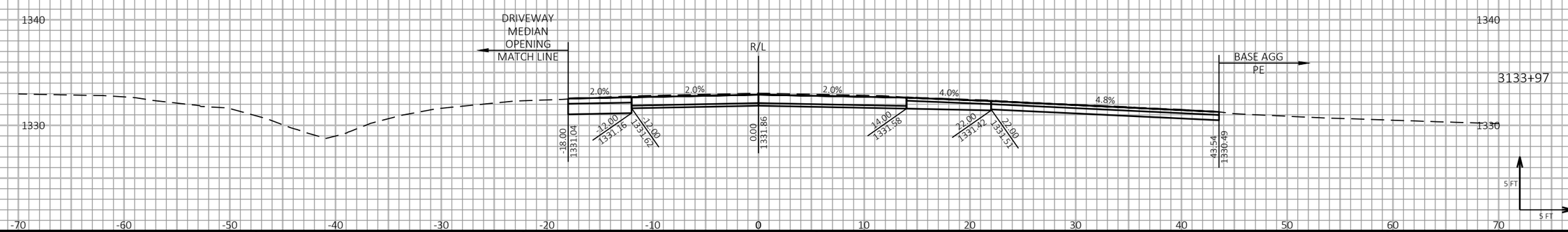
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 641	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 25

PLOT DATE : 1/27/2022 1:23 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

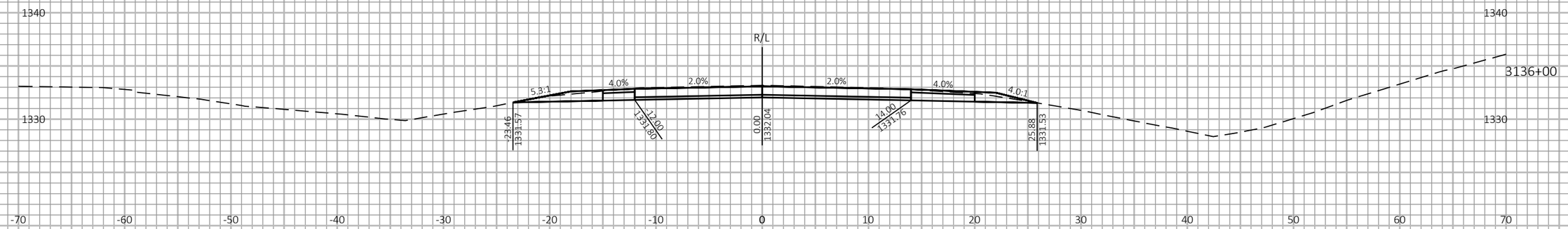
WISDOT/CADDS SHEET 49

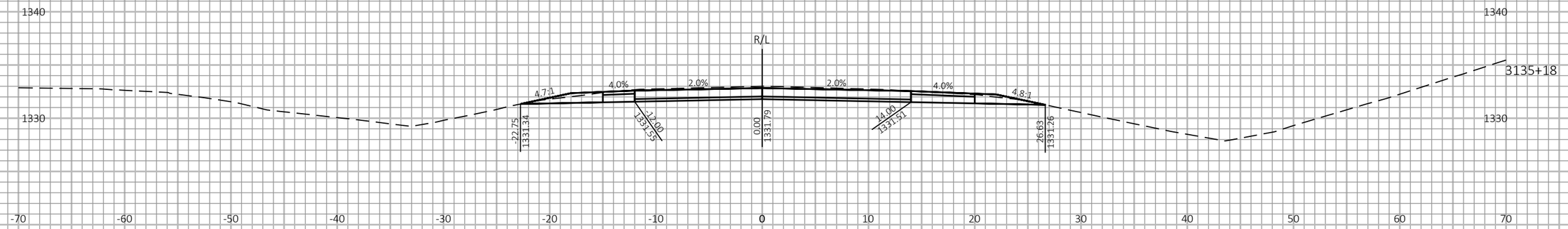
LEGEND

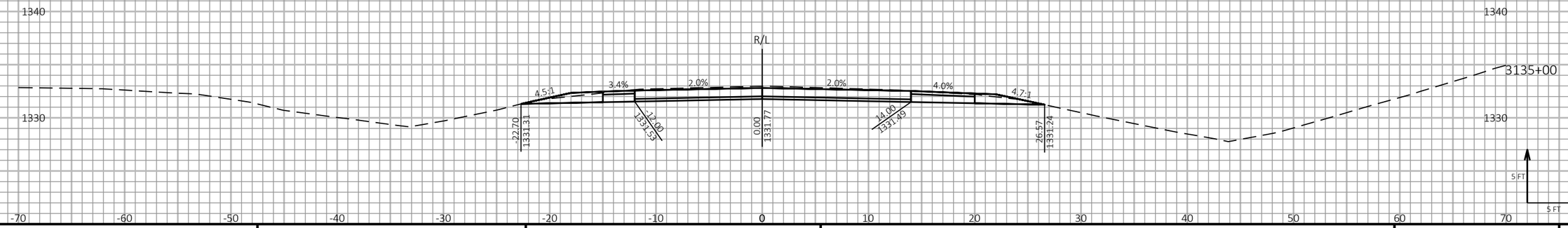
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 642	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 26

PLOT DATE : 1/27/2022 1:24 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

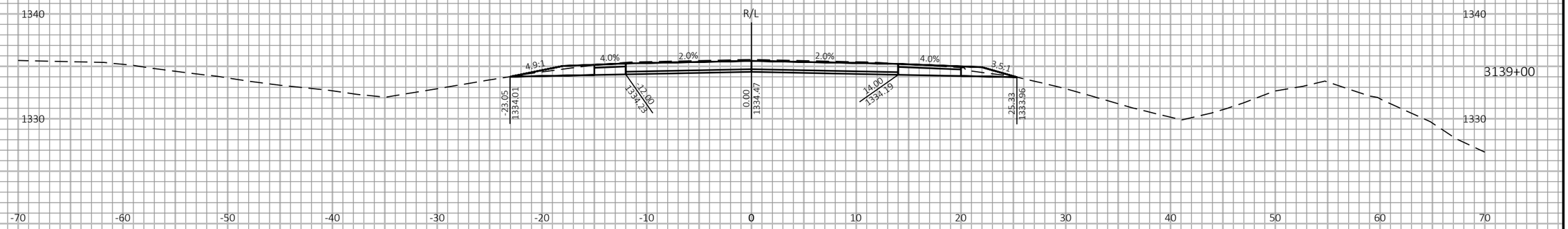
WISDOT/CADDS SHEET 49

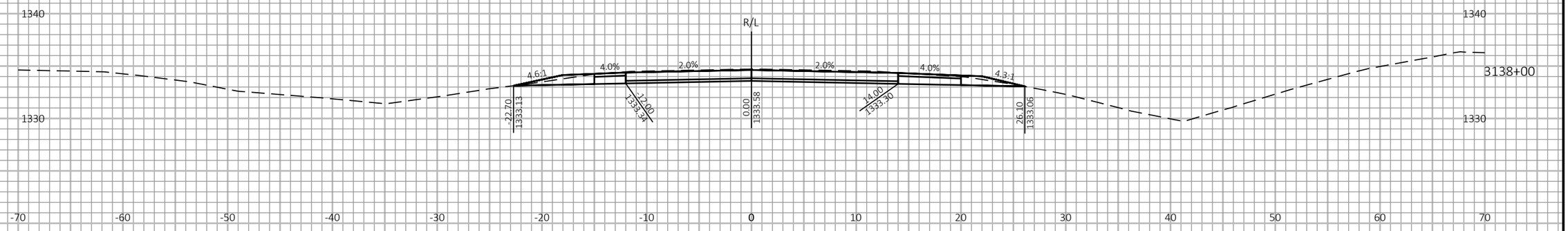
LEGEND

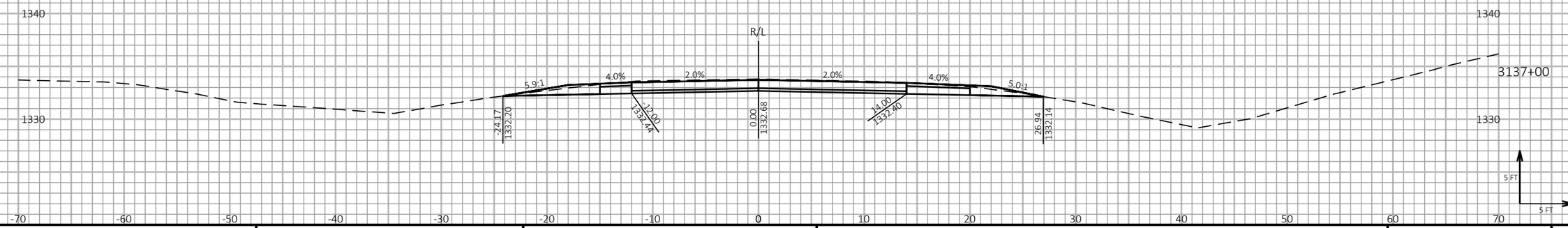
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 643	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 27

PLOT DATE : 1/27/2022 1:24 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

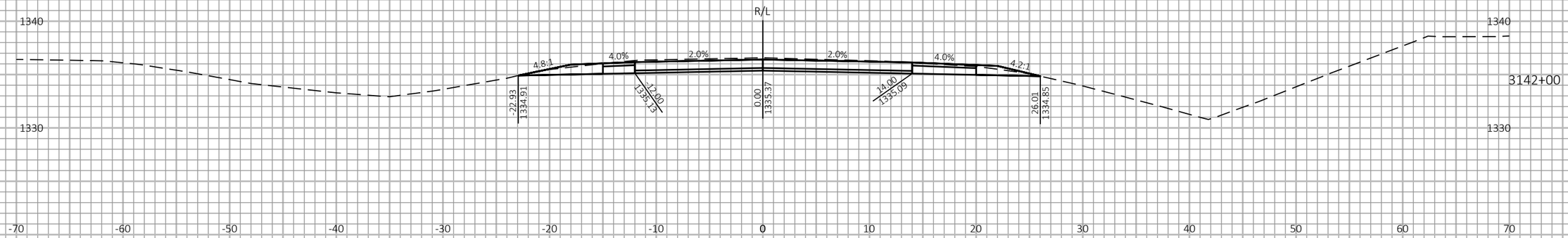
WISDOT/CADDS SHEET 49

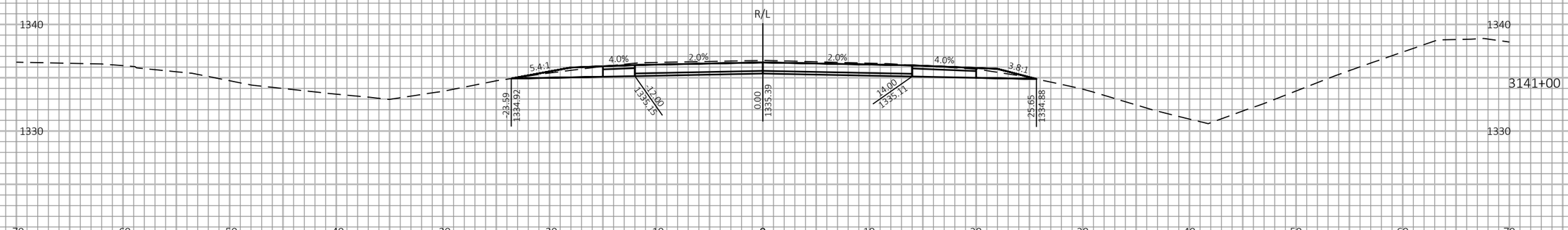
LEGEND

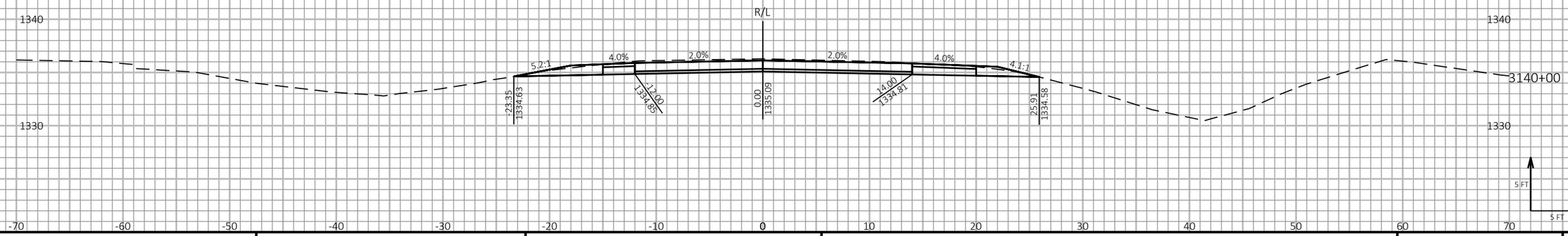
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 644	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 28

PLOT DATE : 1/27/2022 1:24 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

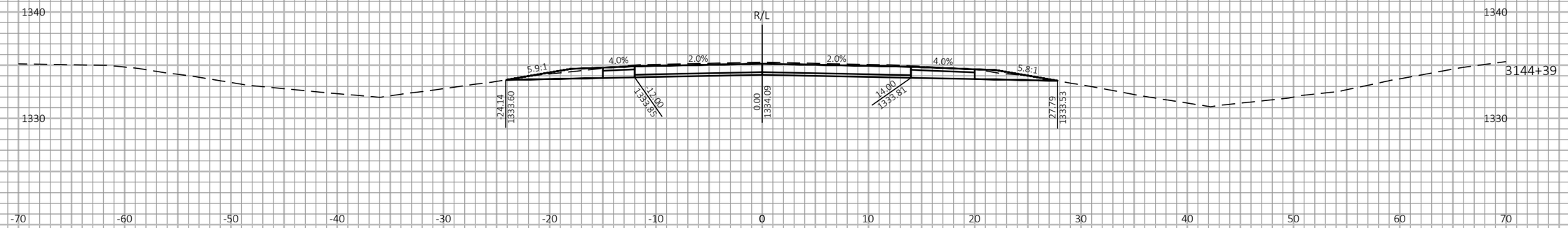
WISDOT/CADDS SHEET 49

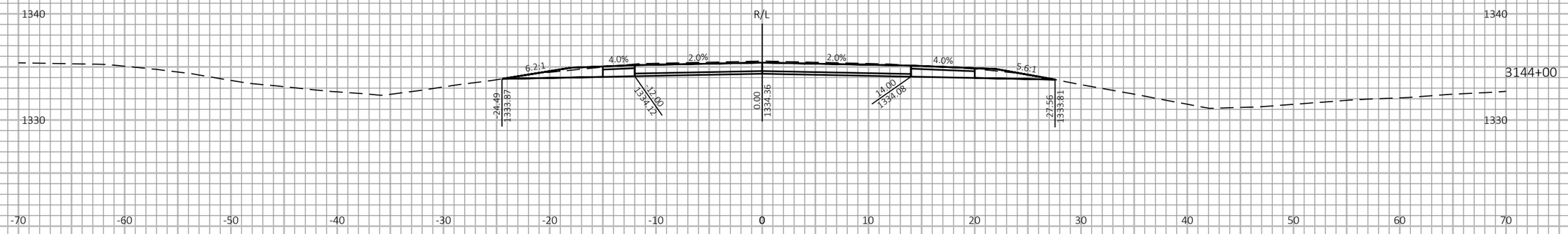
LEGEND

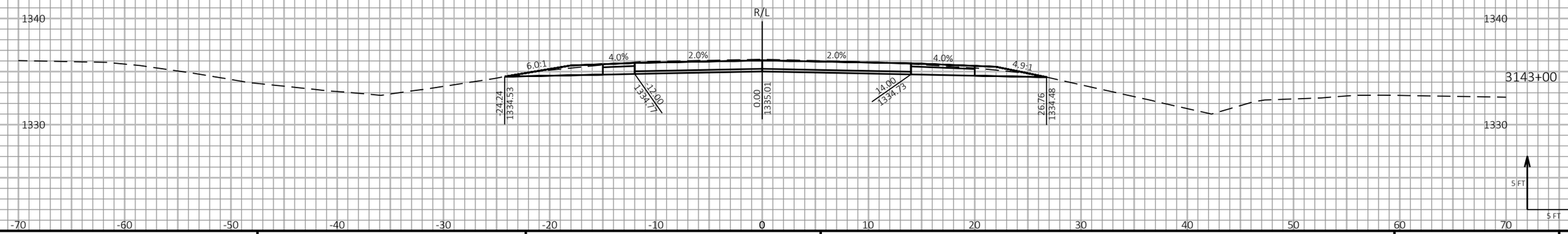
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 645	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 29

PLOT DATE : 1/27/2022 1:24 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

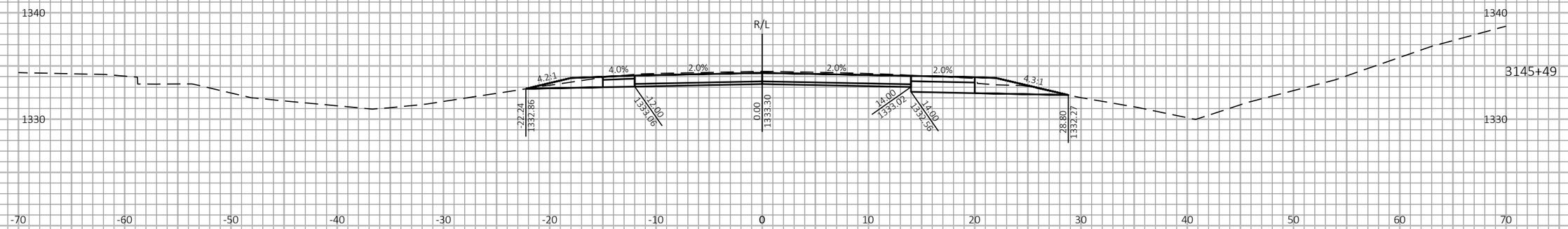
WISDOT/CADDS SHEET 49

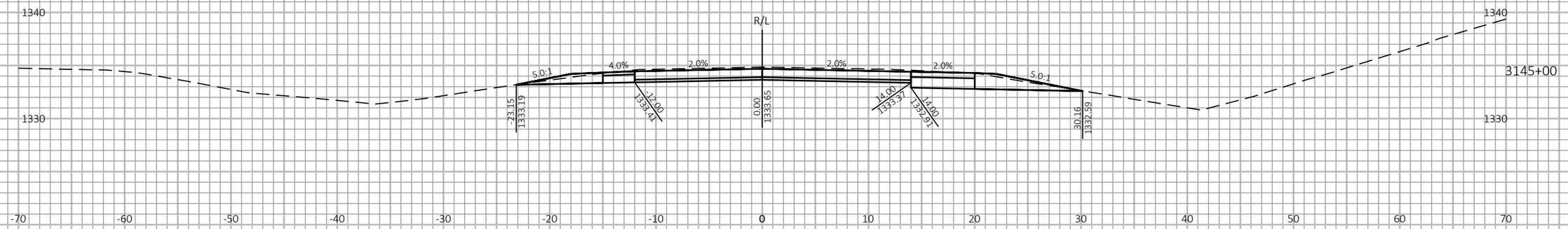
LEGEND

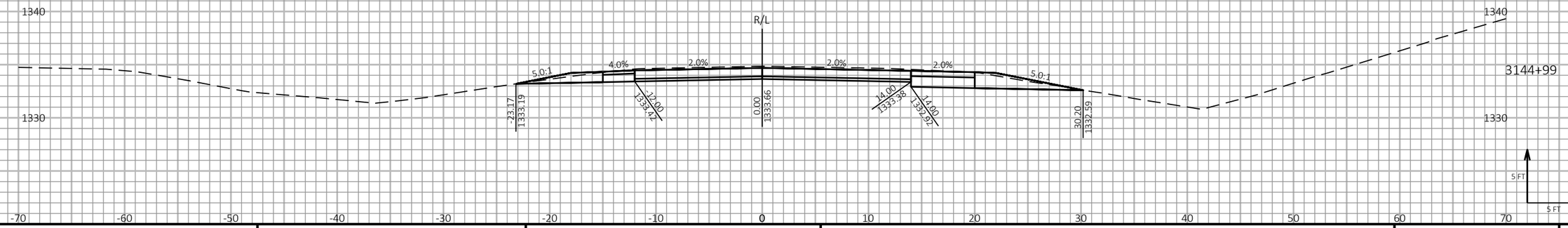
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 646	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 30

PLOT DATE : 1/27/2022 1:25 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

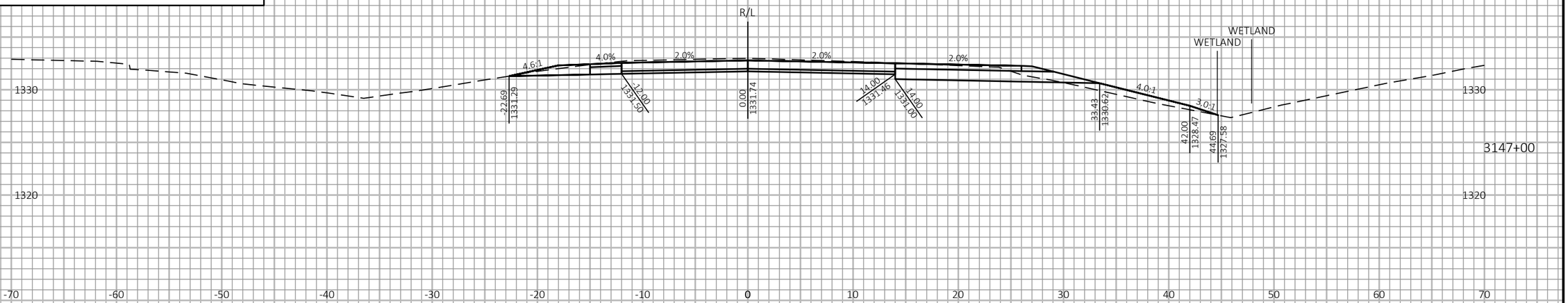
WISDOT/CADDS SHEET 49

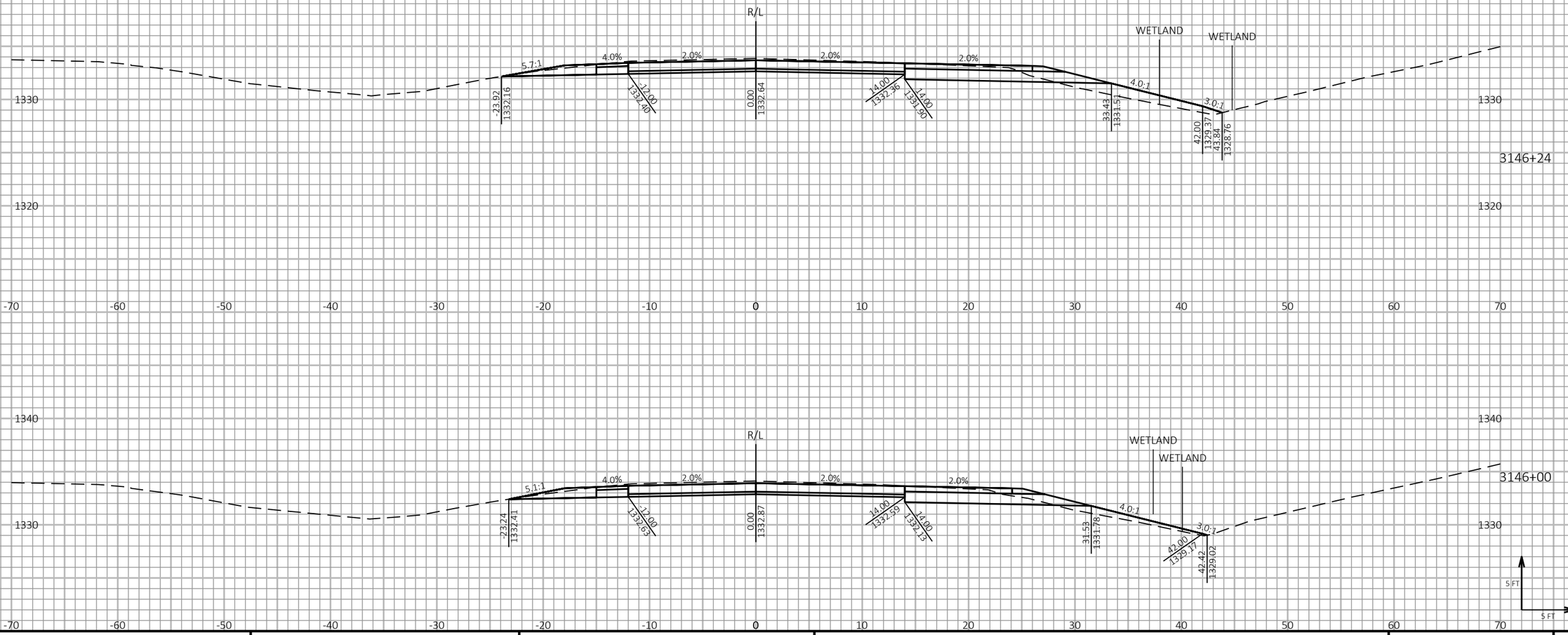
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 647	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 31

PLOT DATE : 1/27/2022 1:25 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

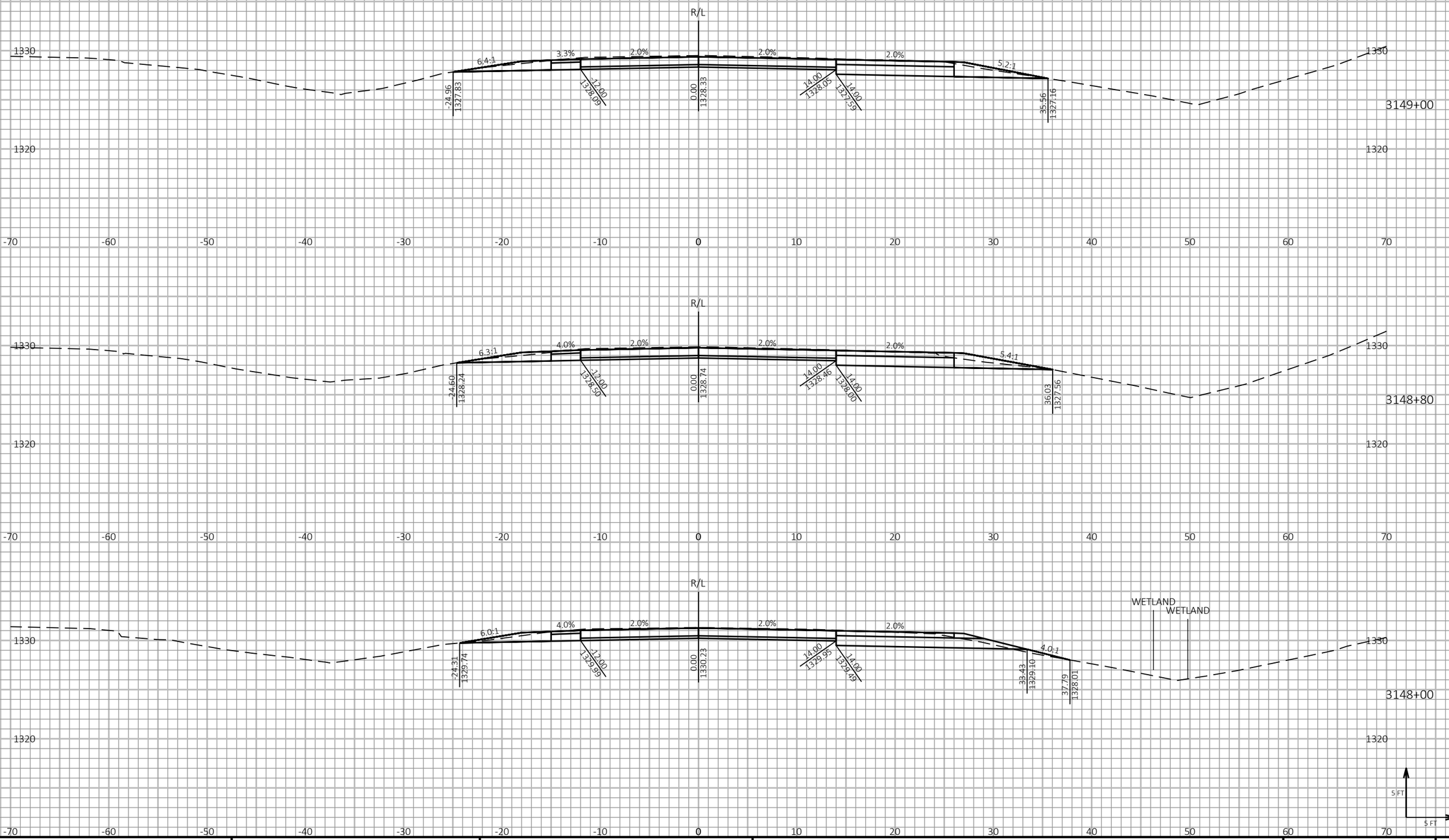
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 648	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 32

PLOT DATE : 1/27/2022 1:25 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

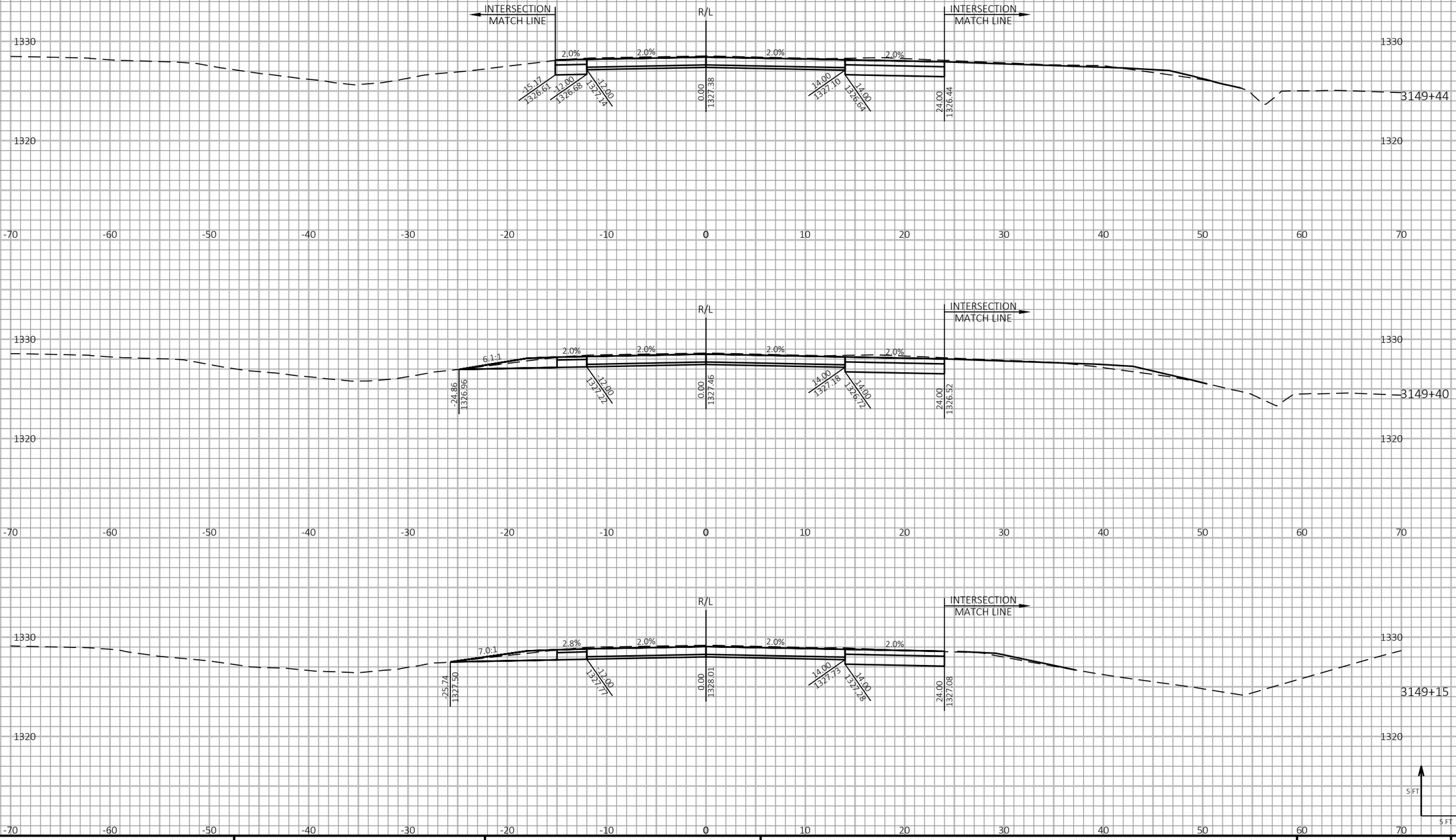
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 649	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 33

PLOT DATE : 1/27/2022 1:25 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

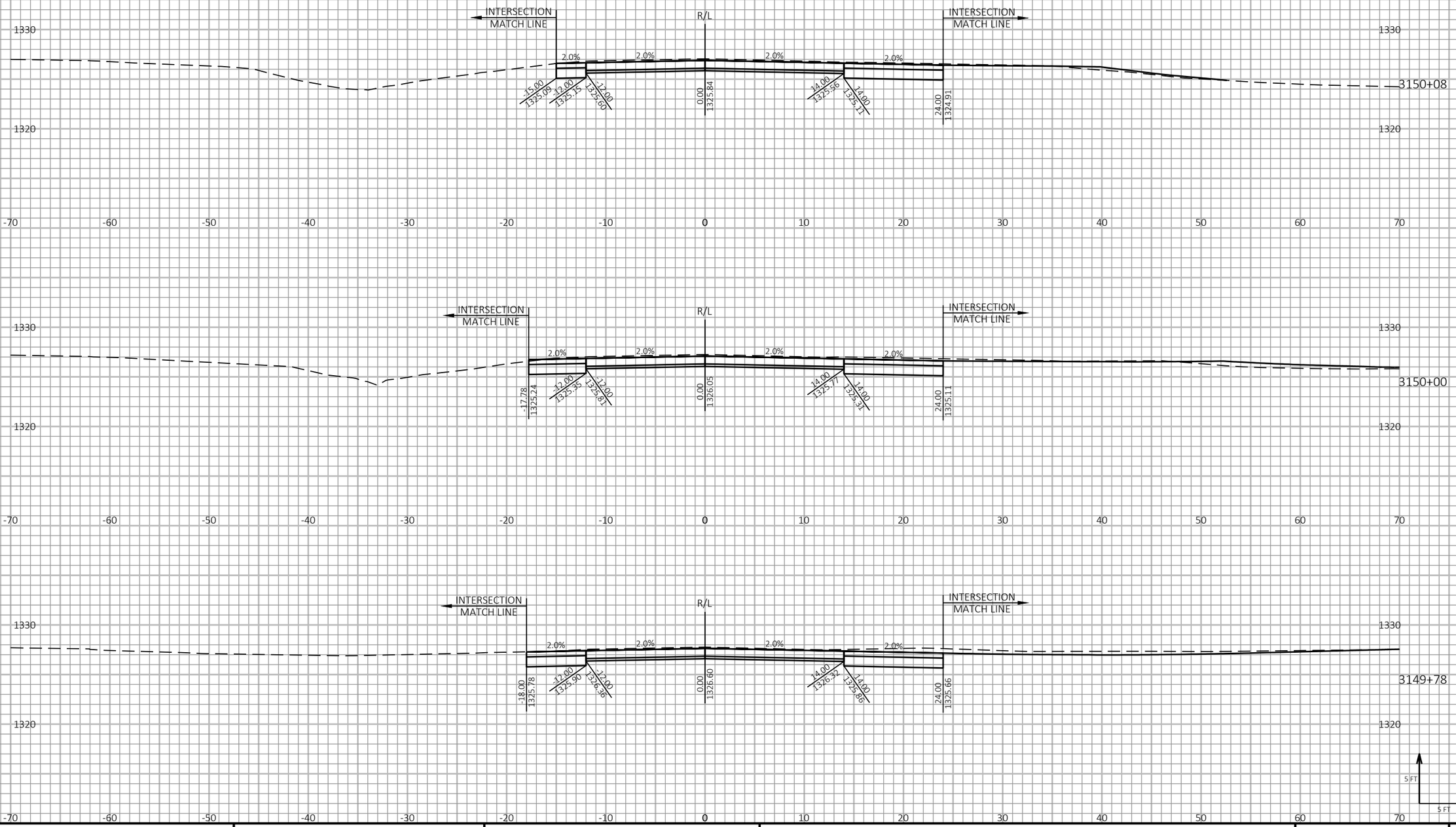
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 650	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 34

PLOT DATE : 1/27/2022 1:26 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

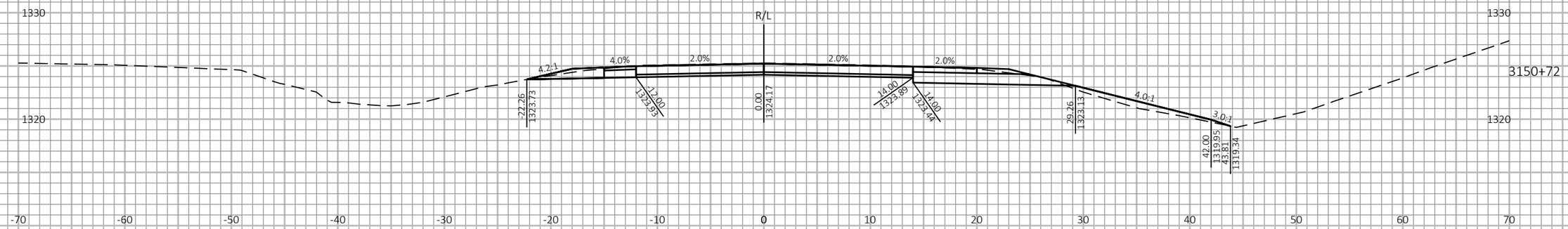
WISDOT/CADDS SHEET 49

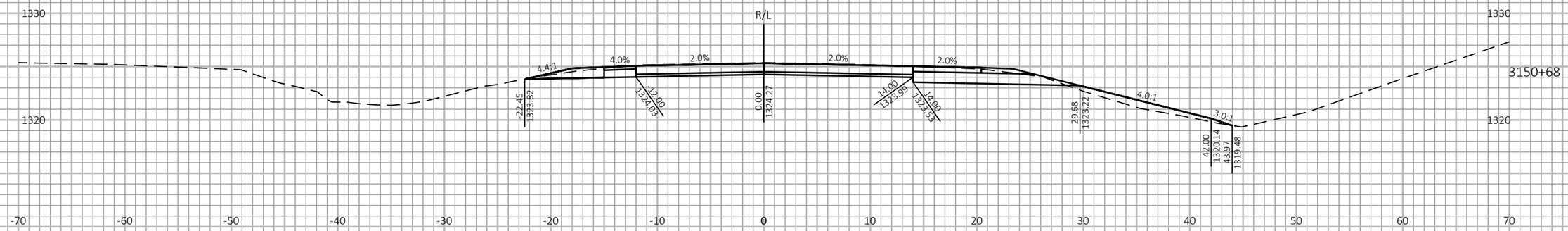
LEGEND

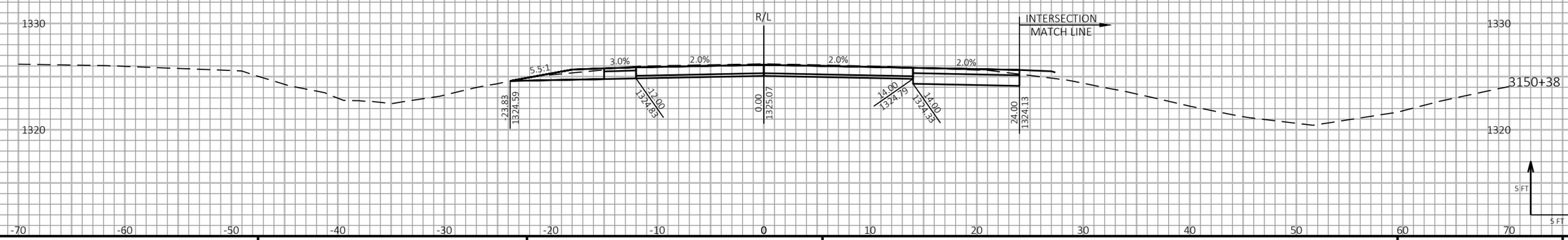
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 651	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 35

PLOT DATE : 1/27/2022 1:26 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

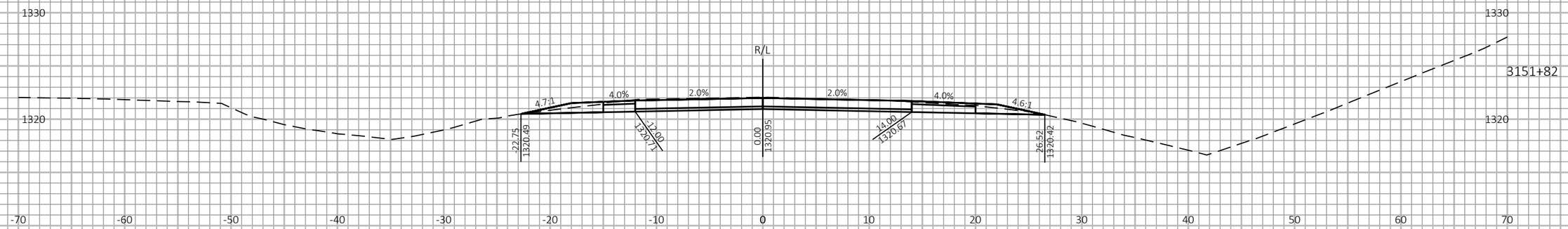
WISDOT/CADDS SHEET 49

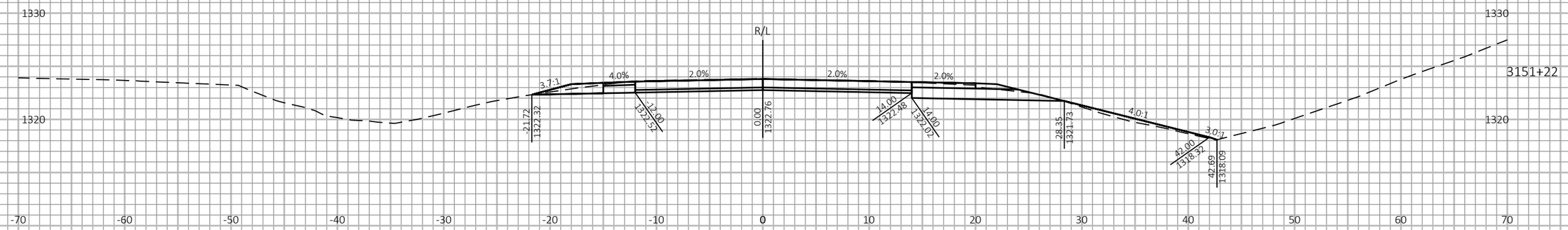
LEGEND

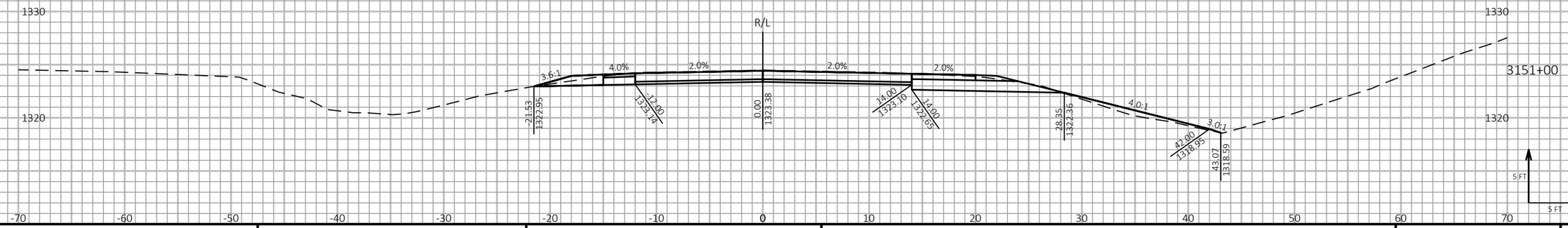
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 652	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 36

PLOT DATE : 1/27/2022 1:26 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

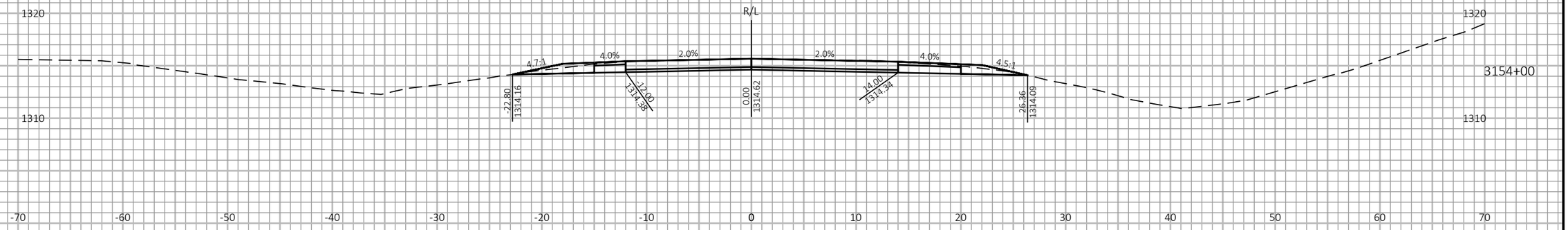
WISDOT/CADDS SHEET 49

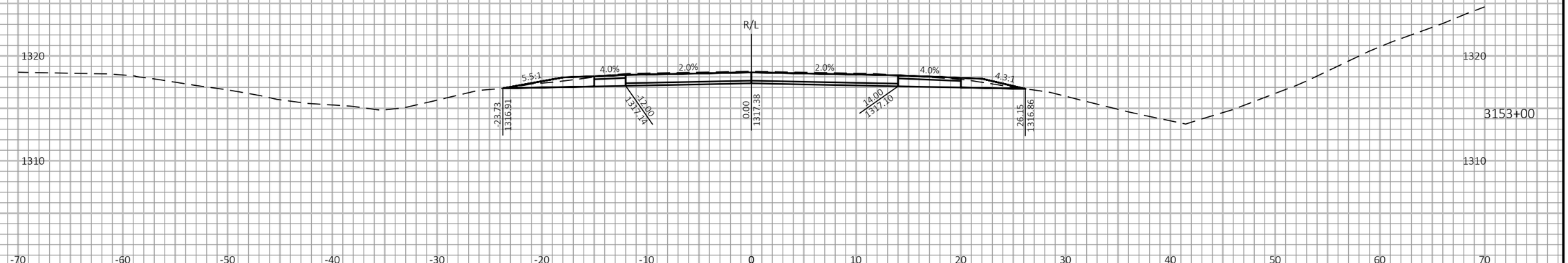
LEGEND

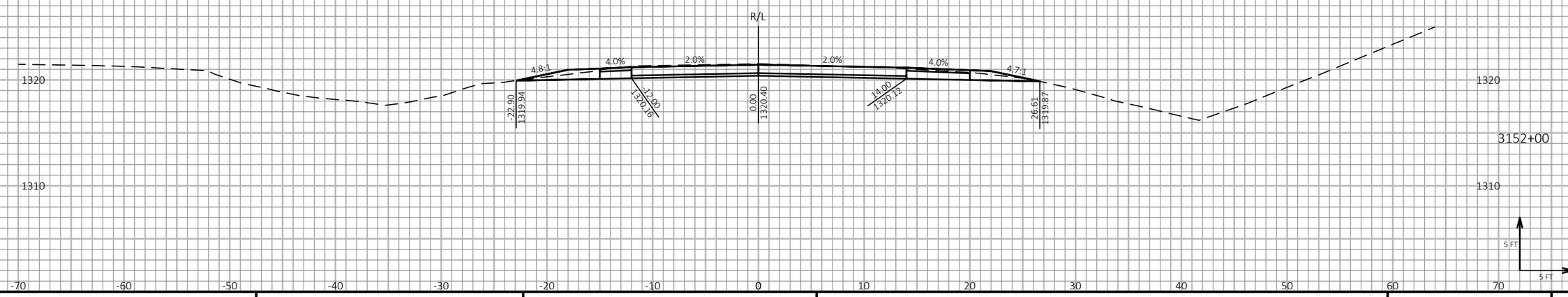
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 653	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 37

PLOT DATE : 1/27/2022 1:26 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 654	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 38

PLOT DATE : 1/27/2022 1:27 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

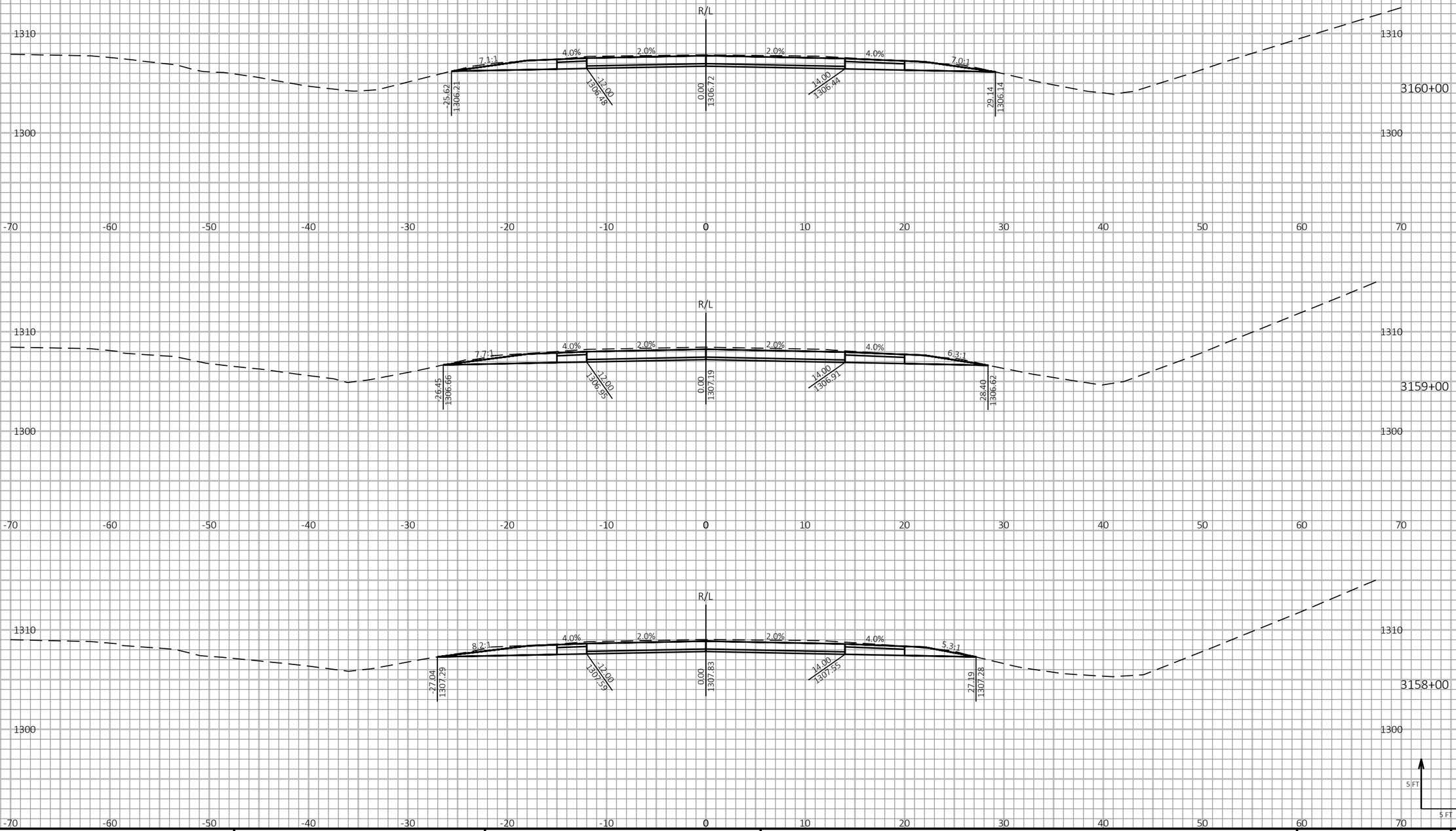
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 655	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 39

PLOT DATE : 1/27/2022 1:27 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

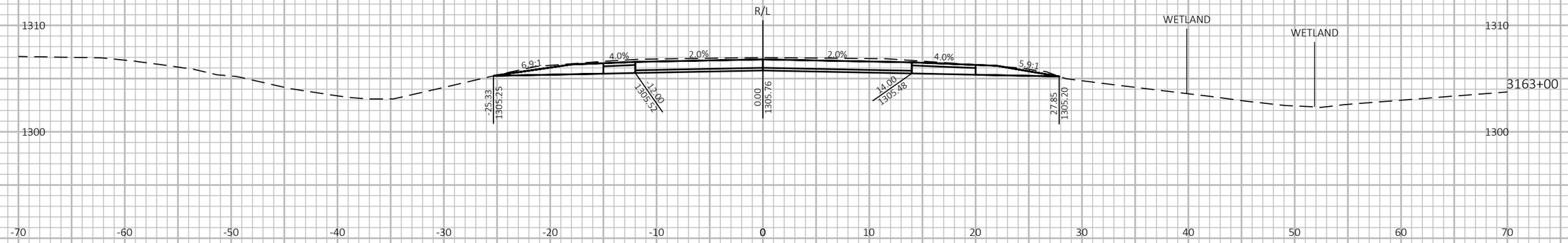
WISDOT/CADDS SHEET 49

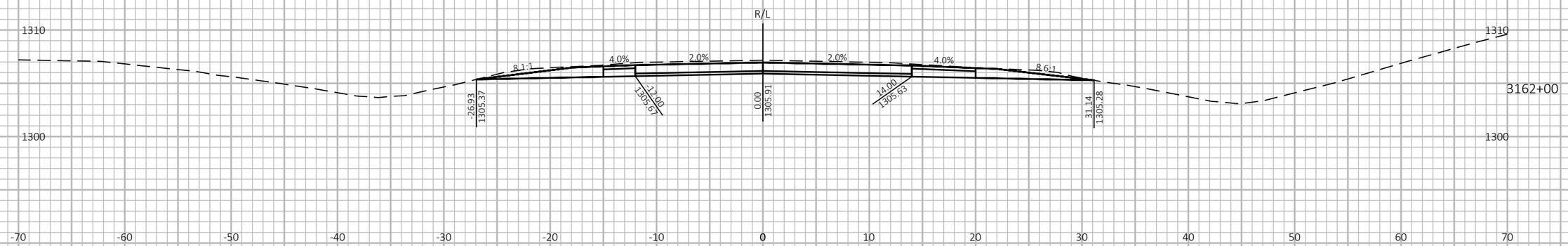
LEGEND

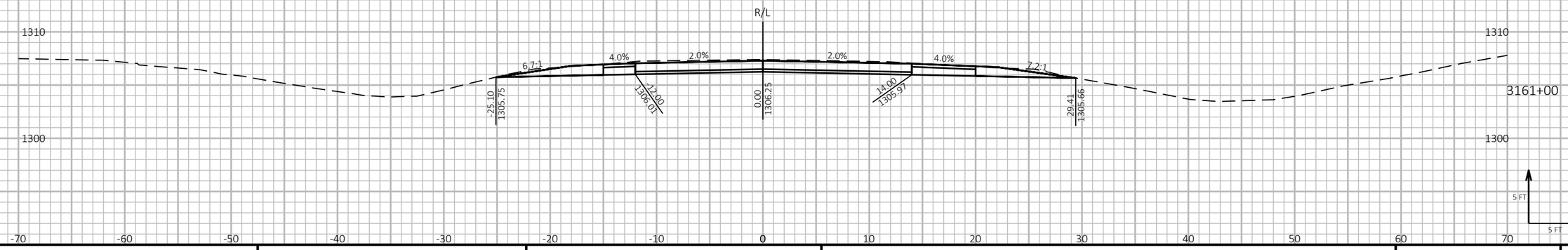
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 656	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 1/27/2022 1:41 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

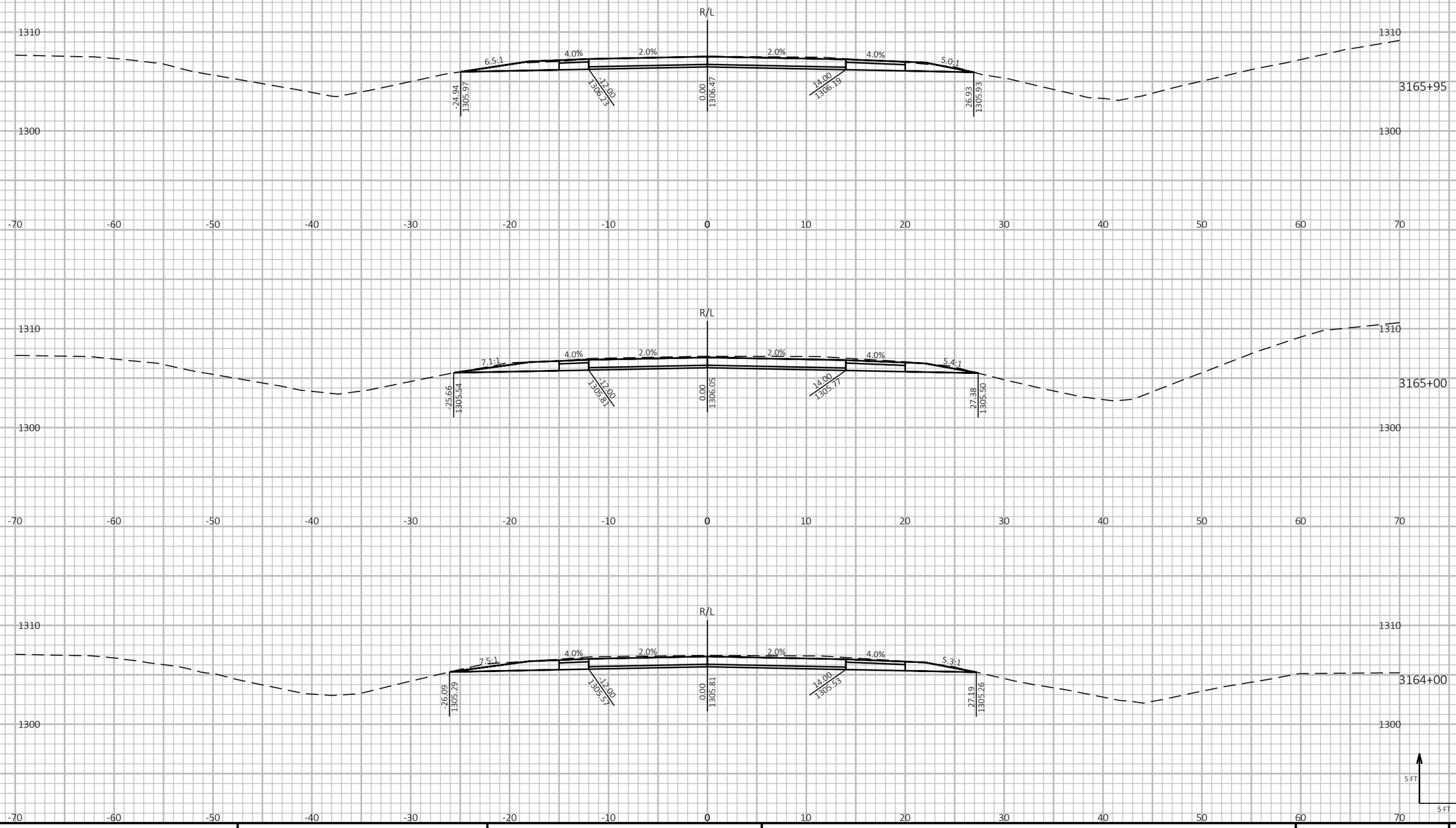
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 657	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 1/27/2022 1:41 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

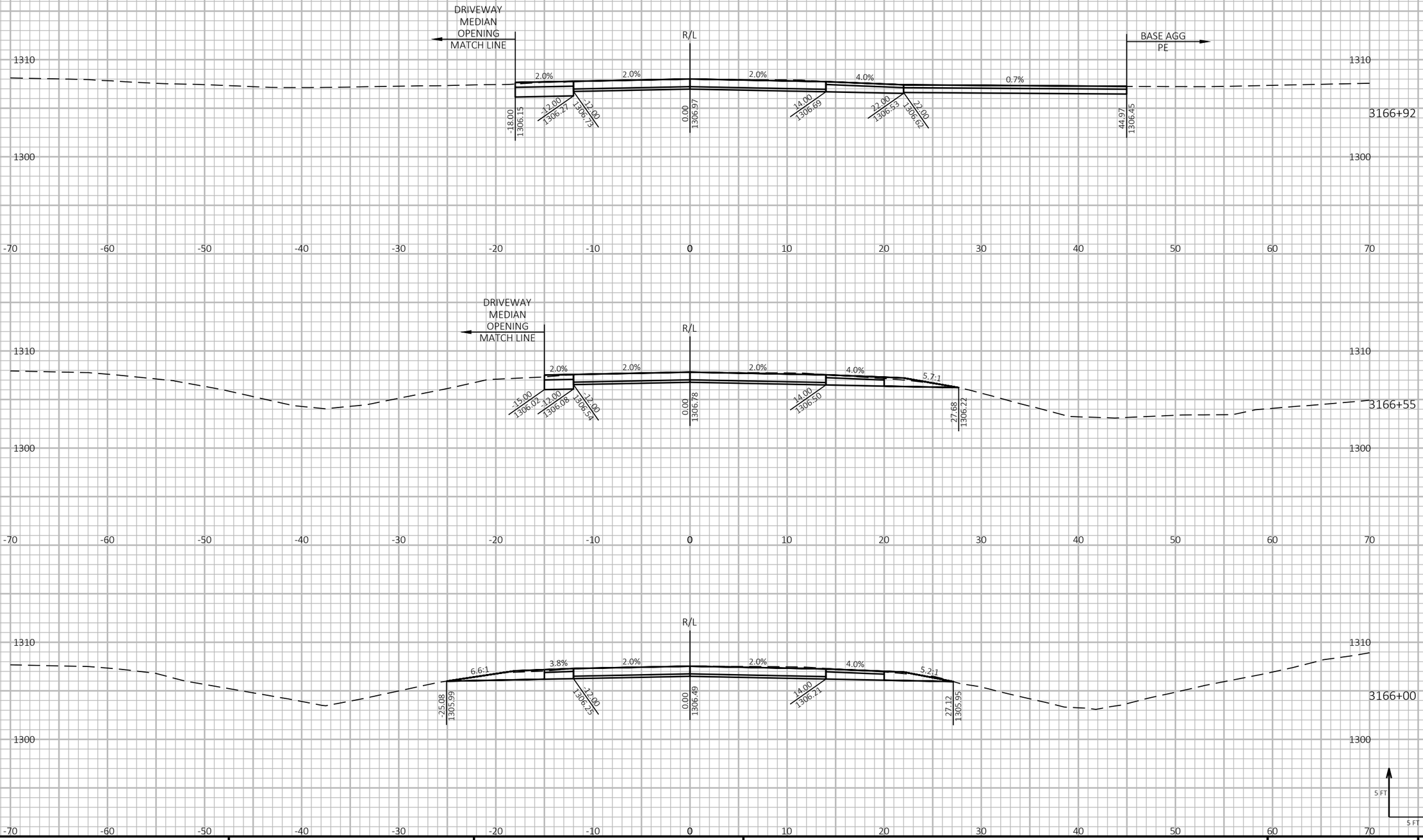
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 658	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 1/27/2022 1:42 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

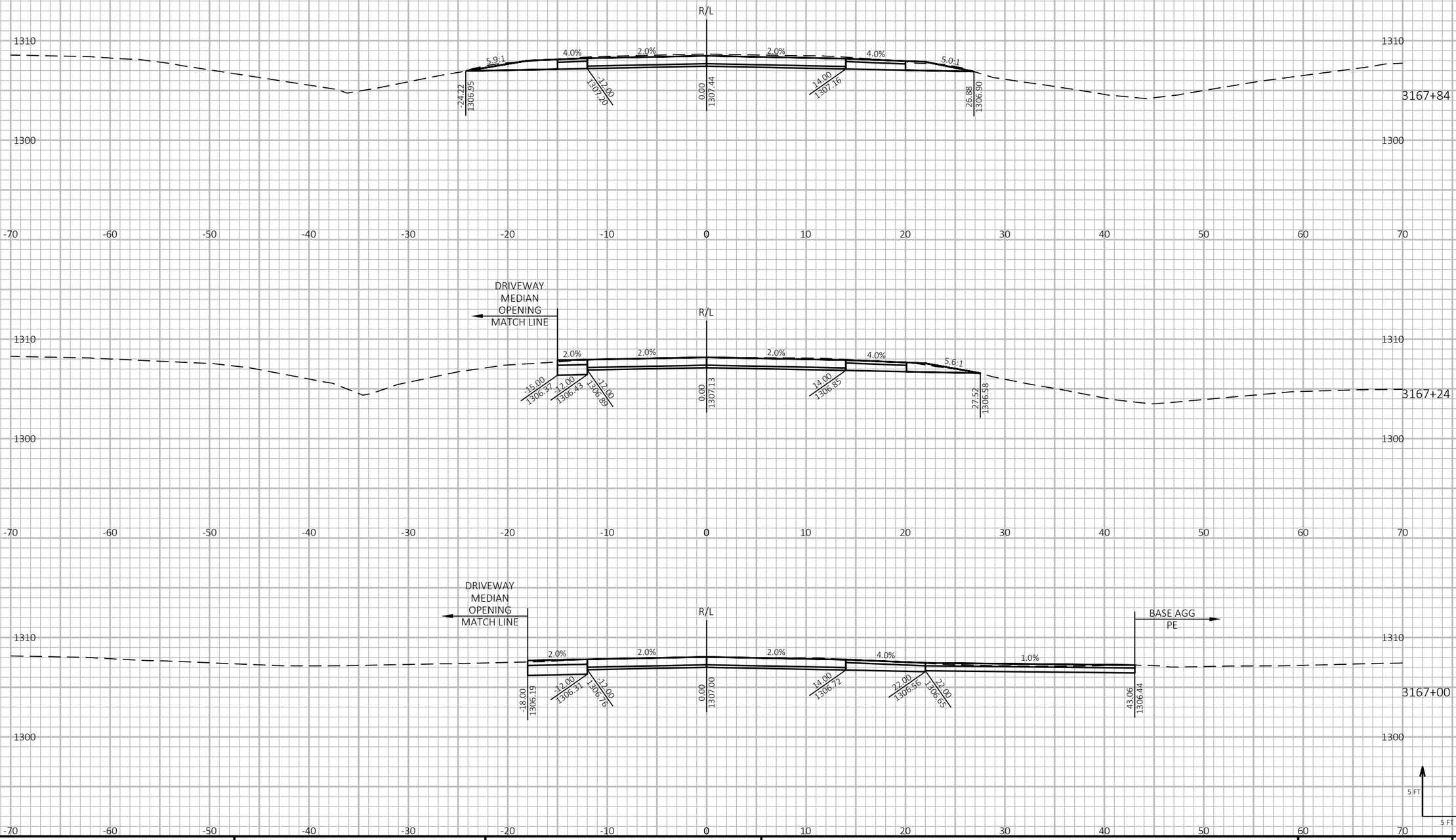
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 659	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 1/27/2022 1:42 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

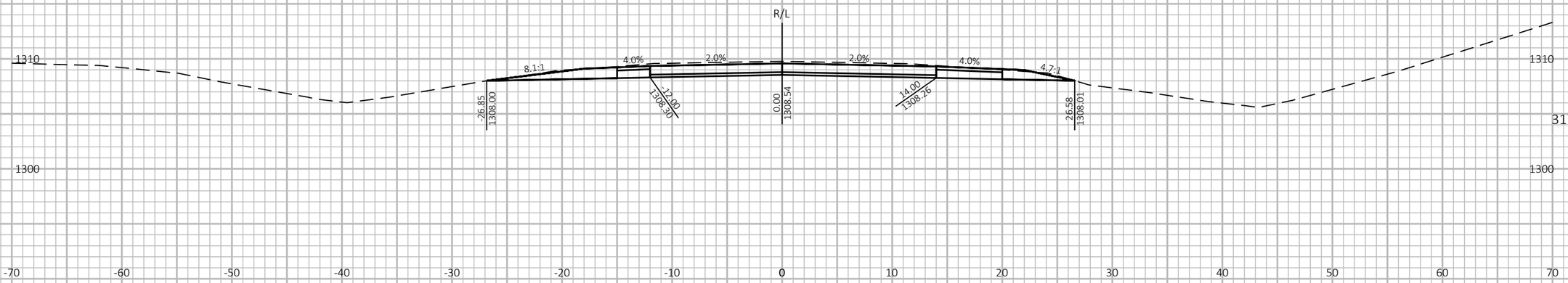
WISDOT/CADDS SHEET 49

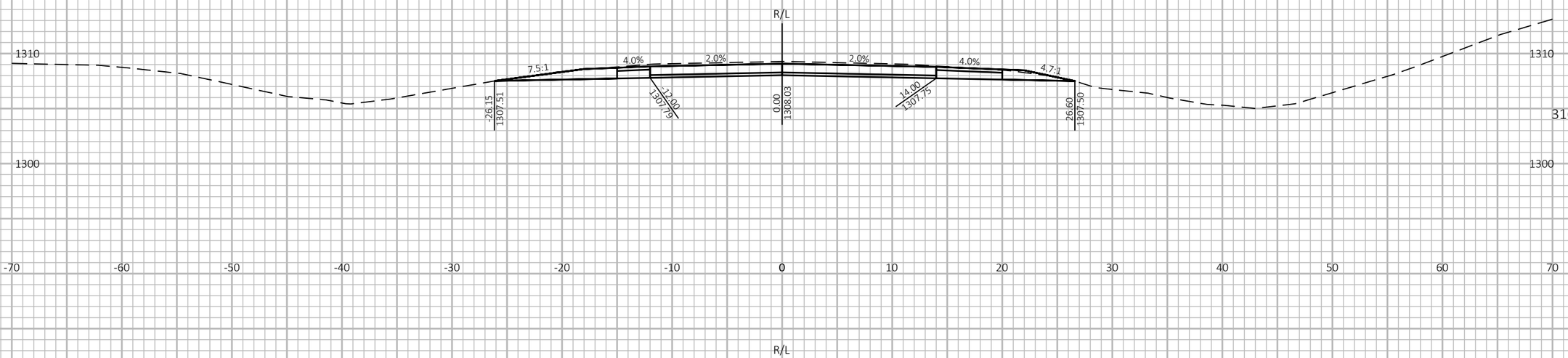
LEGEND

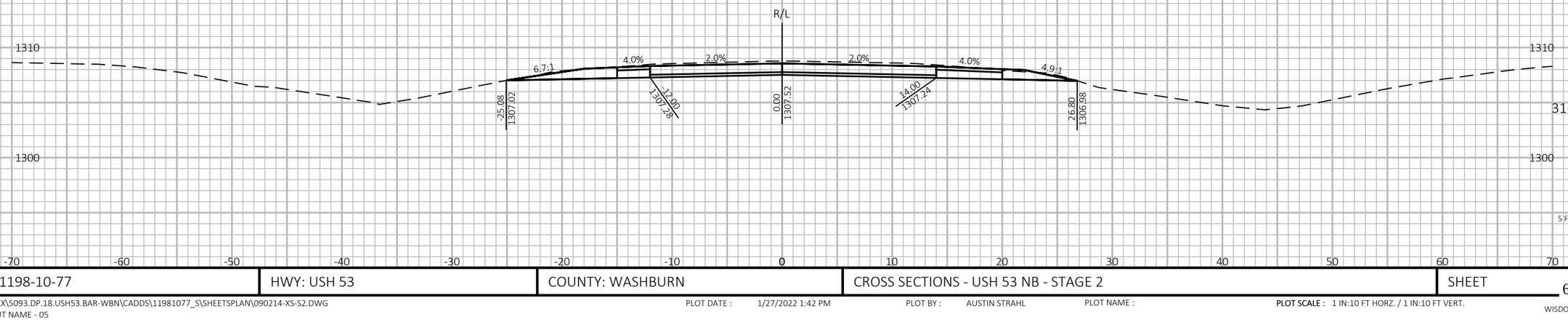
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 660	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 1/27/2022 1:42 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

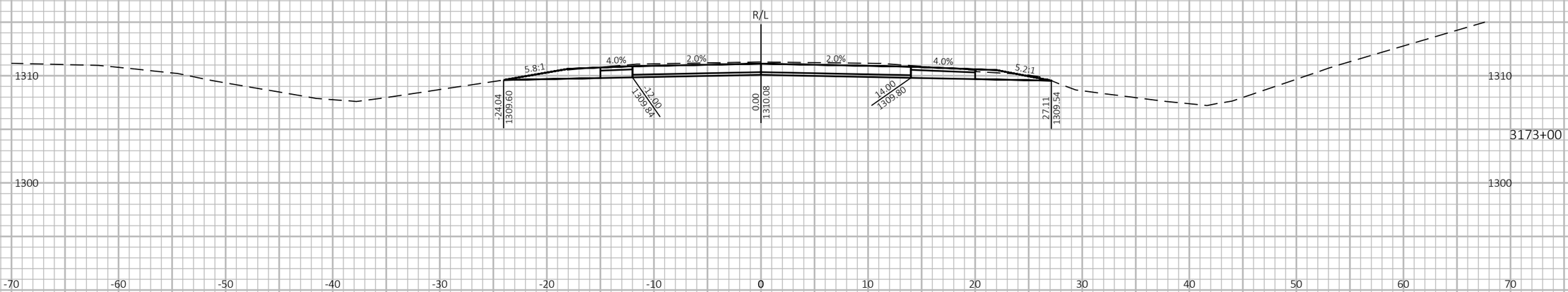
WISDOT/CADDS SHEET 49

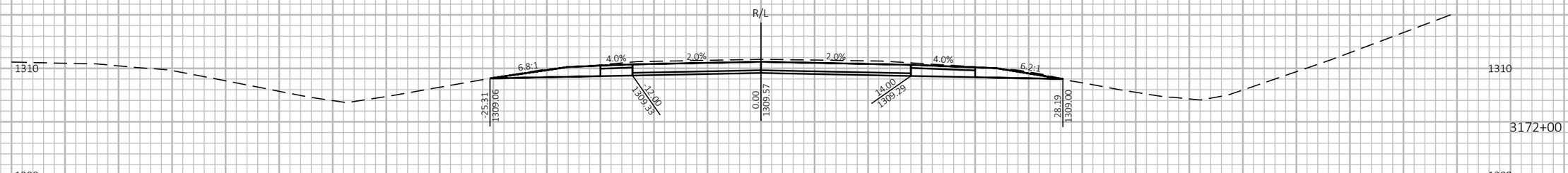
LEGEND

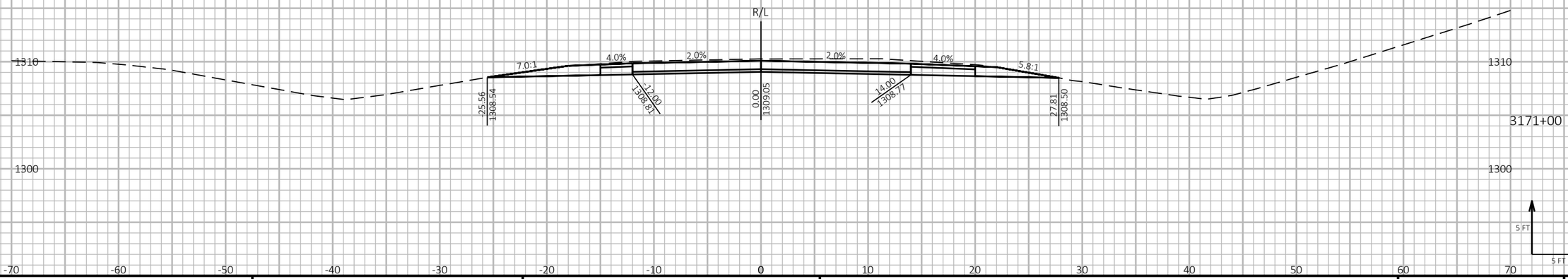
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 661	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 1/27/2022 1:42 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

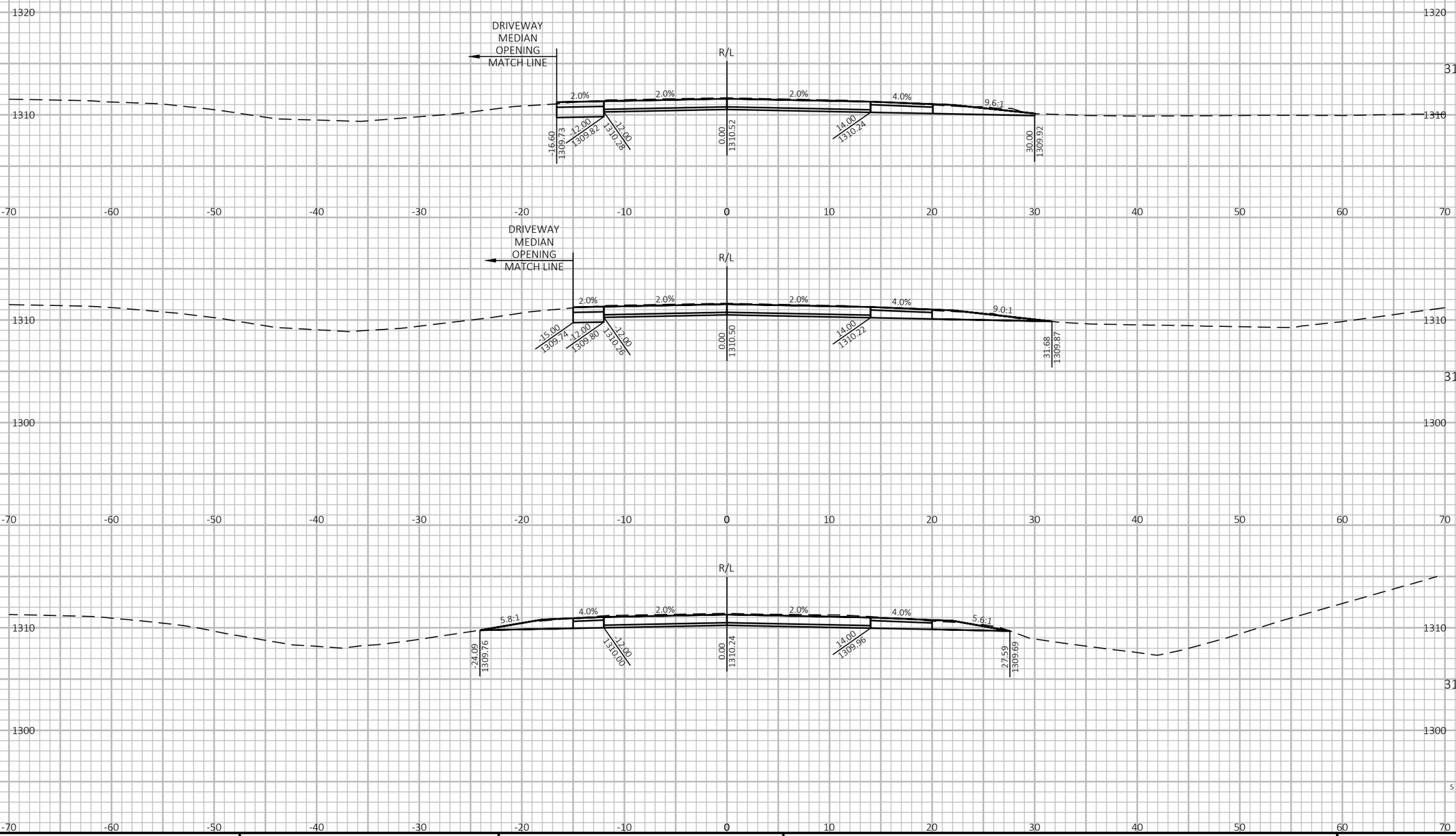
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 662	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 1/27/2022 1:42 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

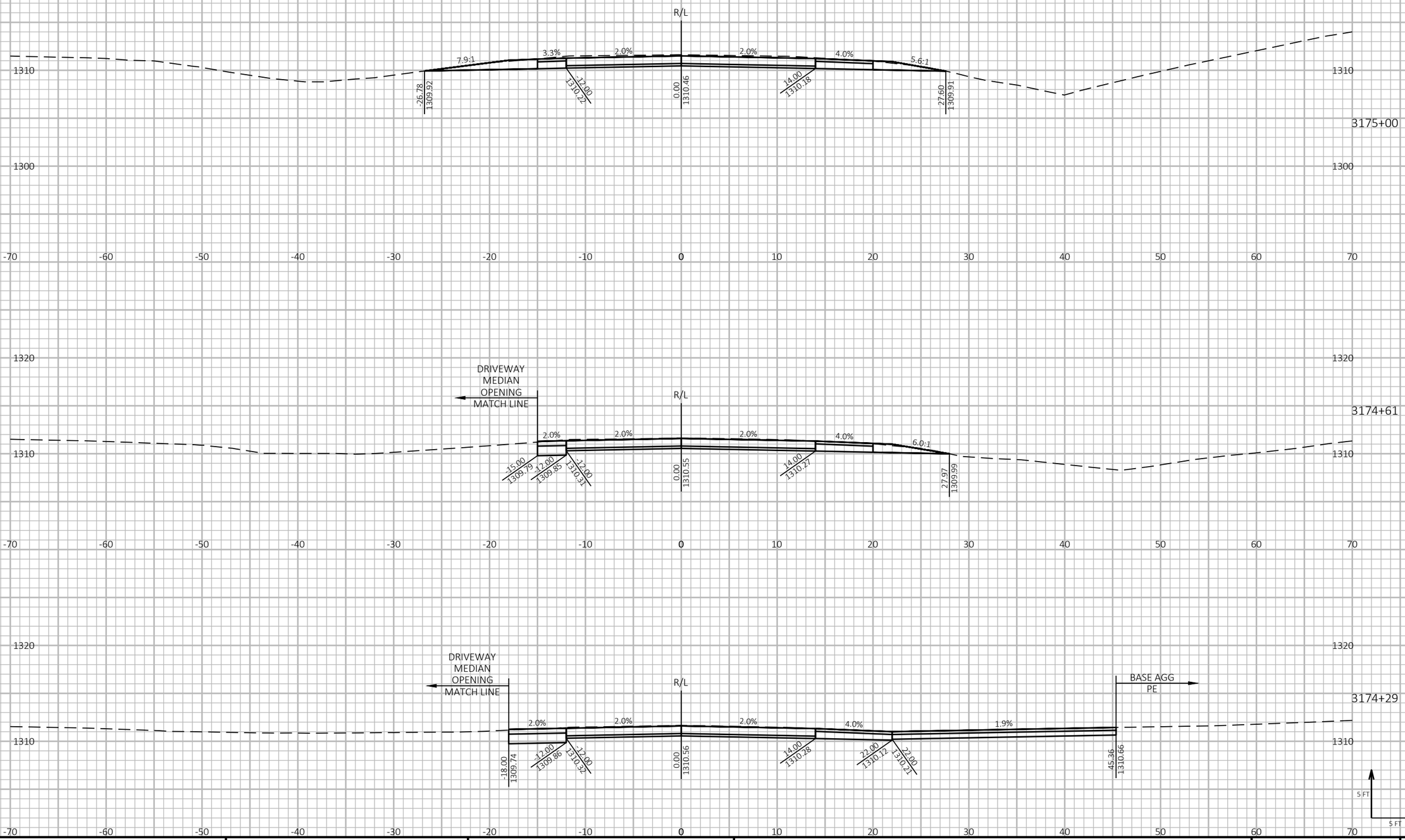
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 663	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 1/27/2022 1:42 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

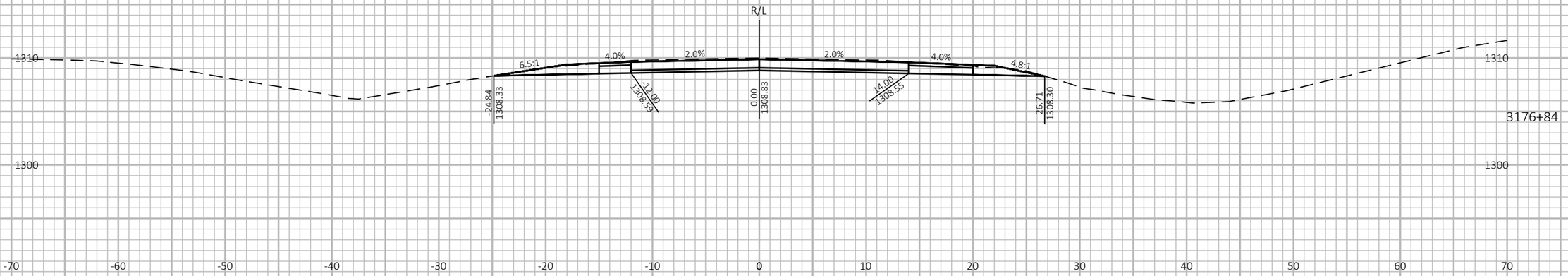
WISDOT/CADDS SHEET 49

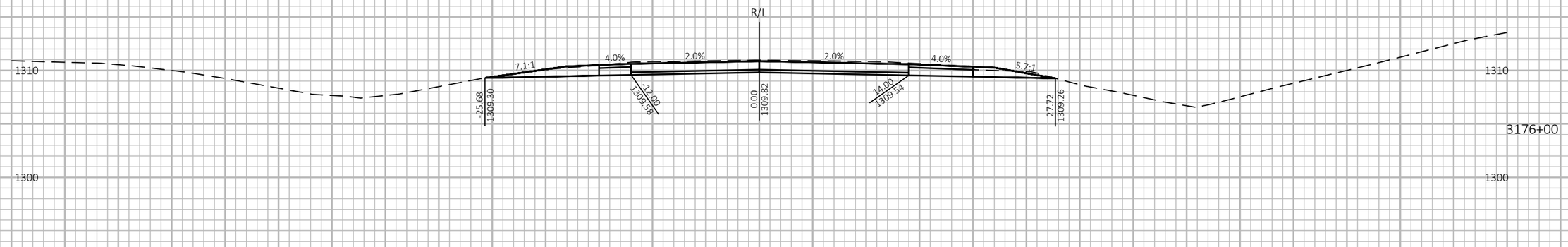
LEGEND

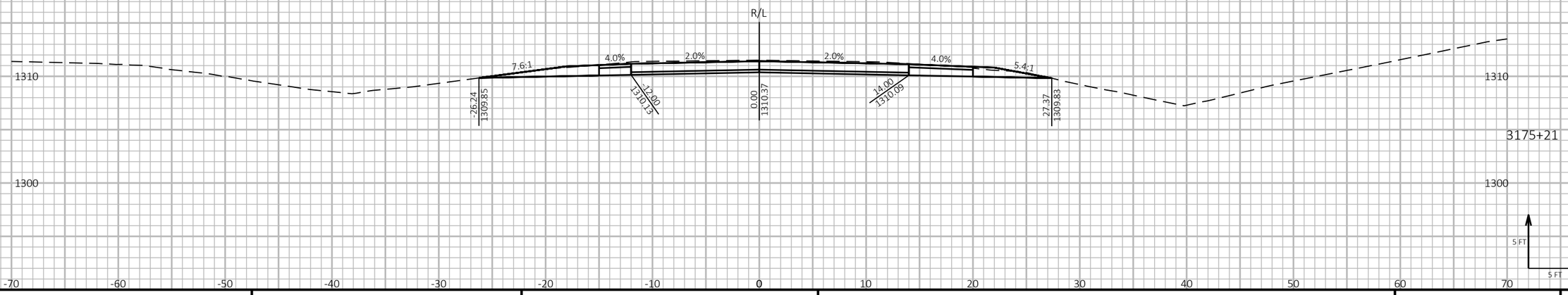
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 664	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 1/27/2022 1:43 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

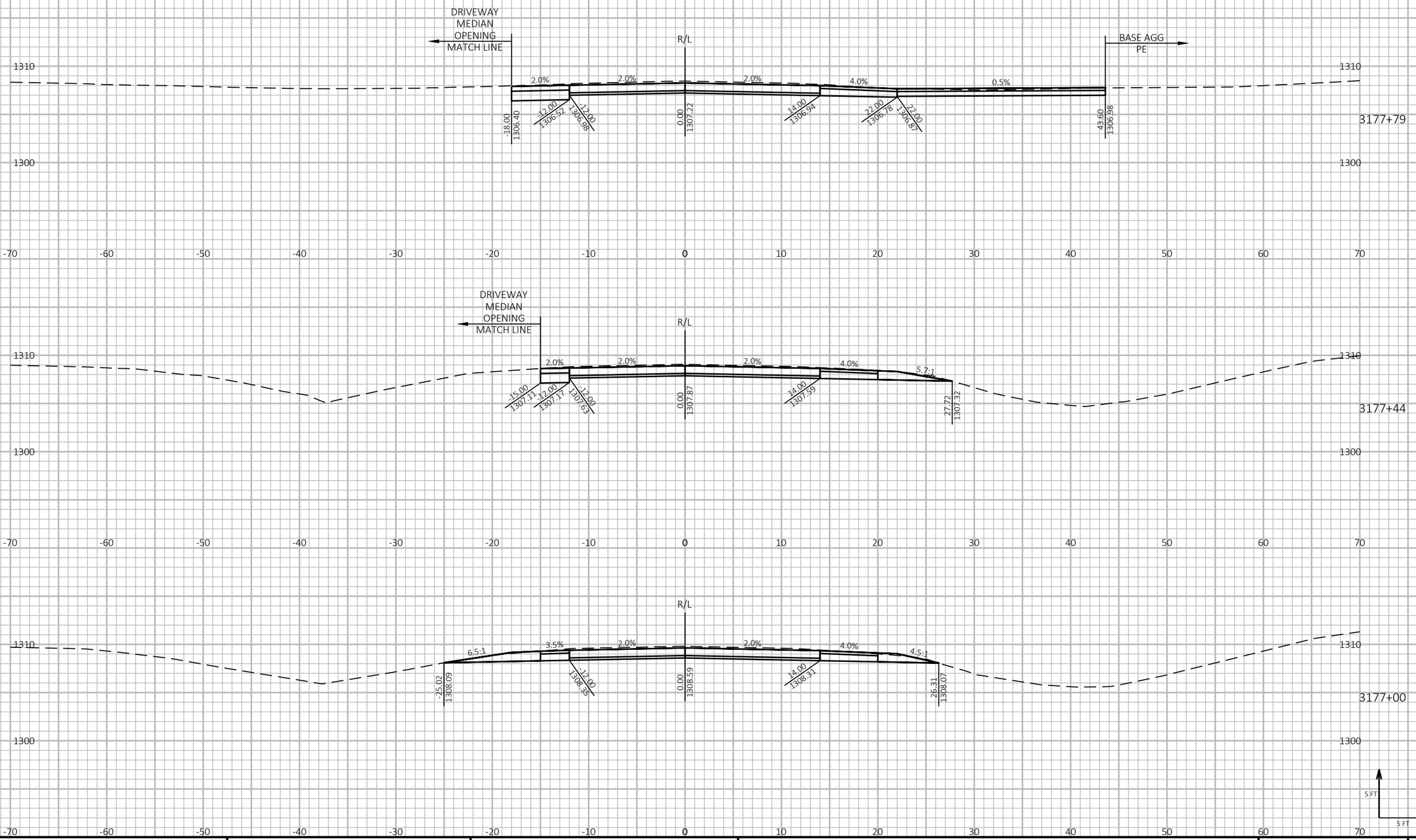
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 665	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 10

PLOT DATE : 1/27/2022 1:43 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

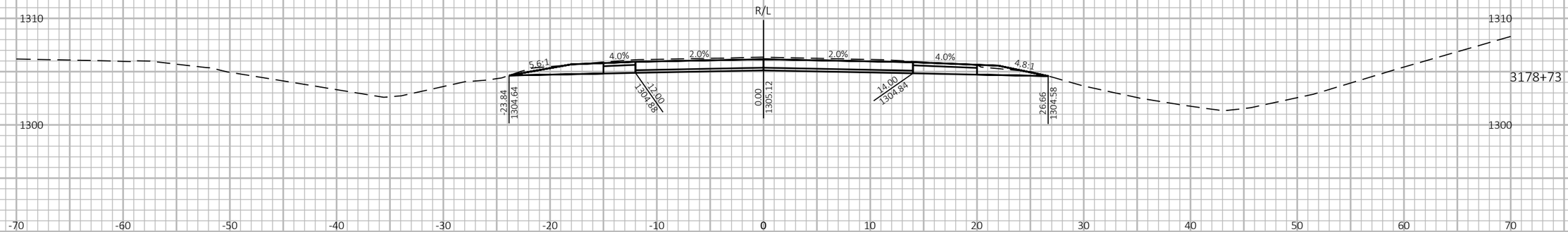
WISDOT/CADDS SHEET 49

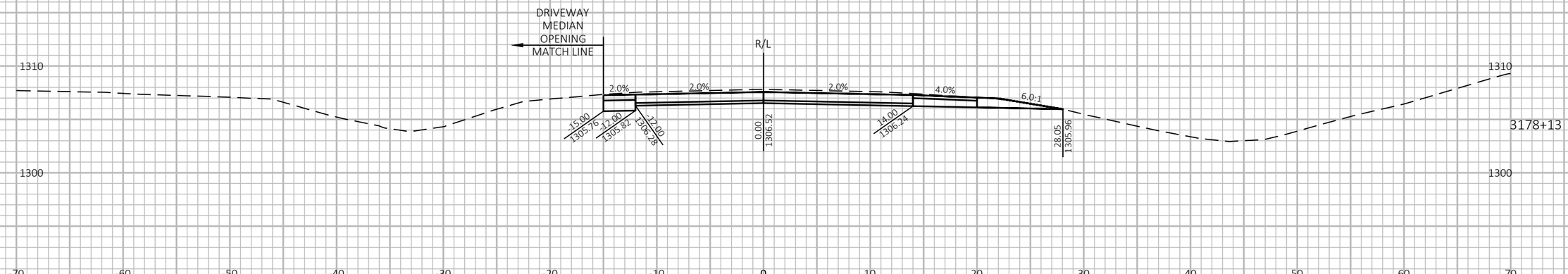
LEGEND

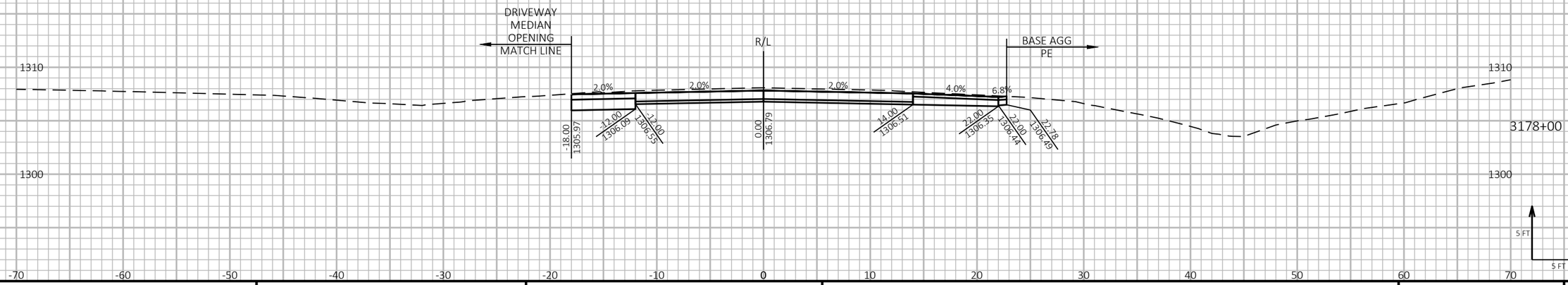
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 666	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 11

PLOT DATE : 1/27/2022 1:43 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

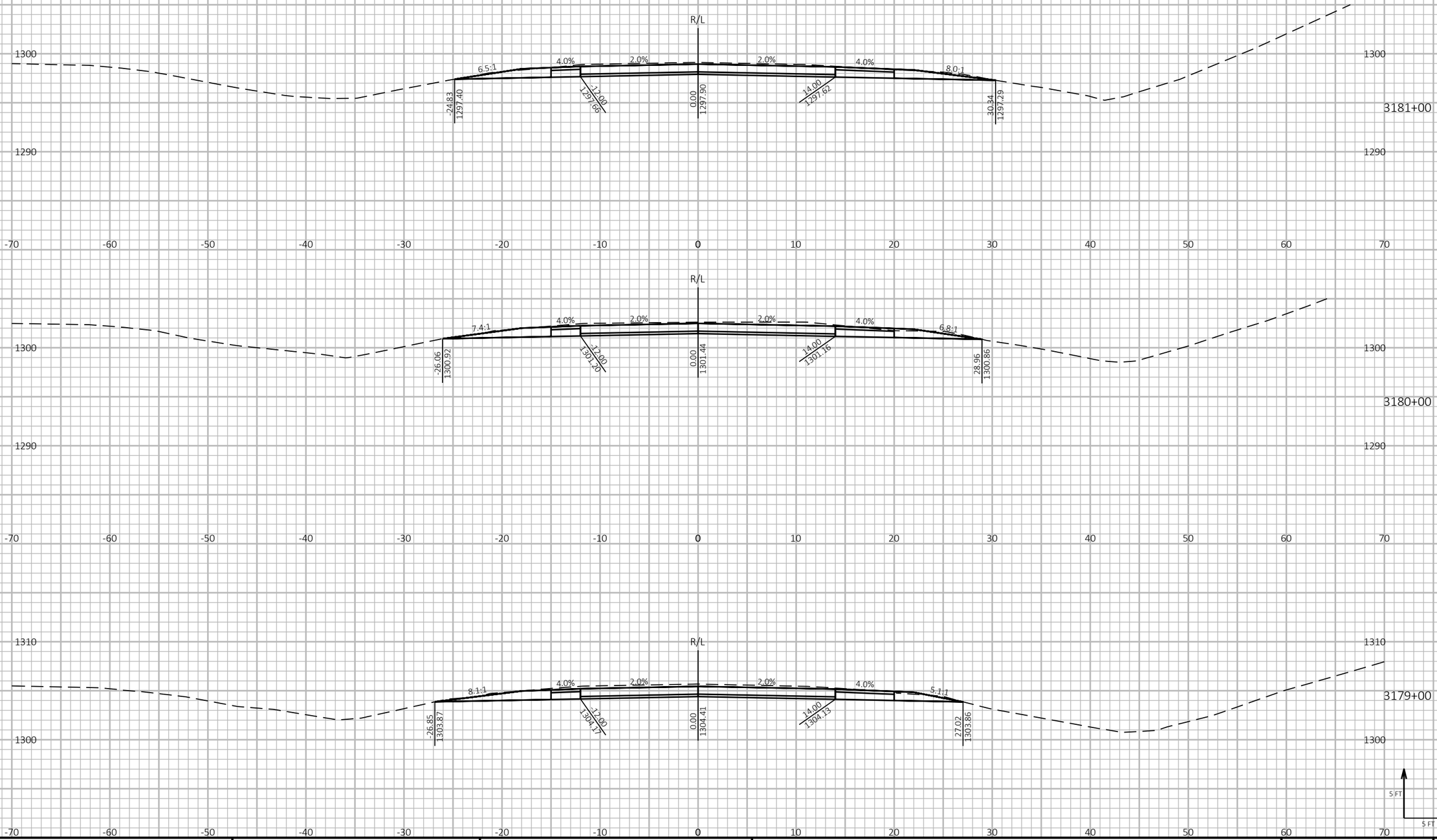
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 667	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 12

PLOT DATE : 1/27/2022 1:43 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

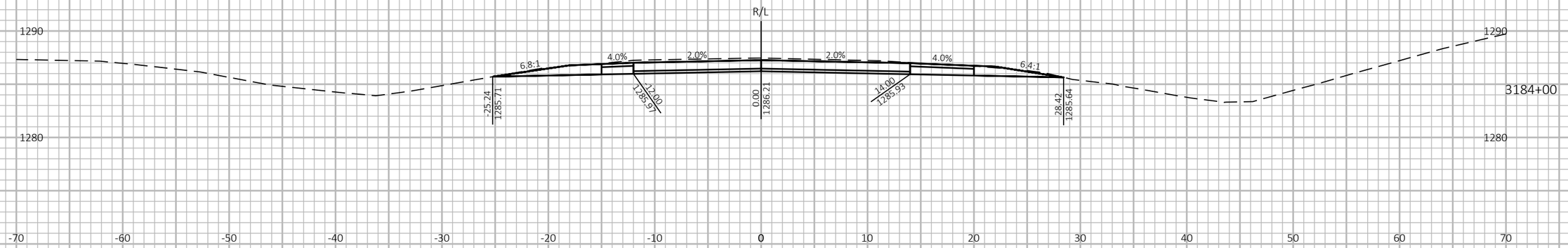
WISDOT/CADDS SHEET 49

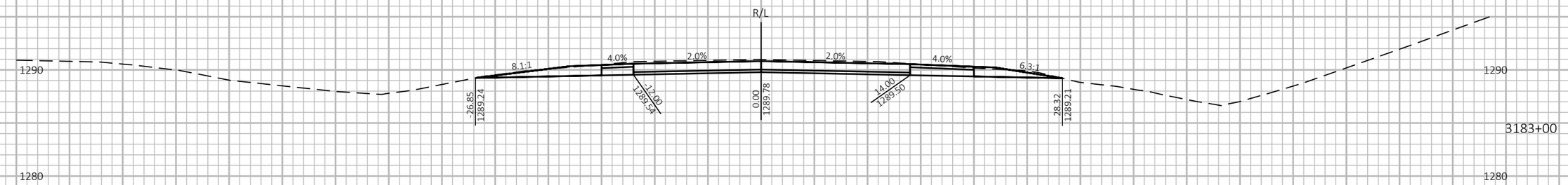
LEGEND

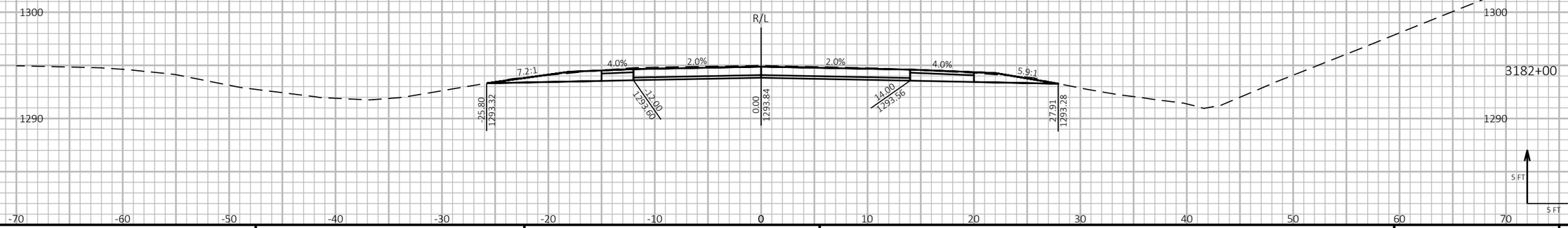
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 668	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 13

PLOT DATE : 1/27/2022 1:43 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

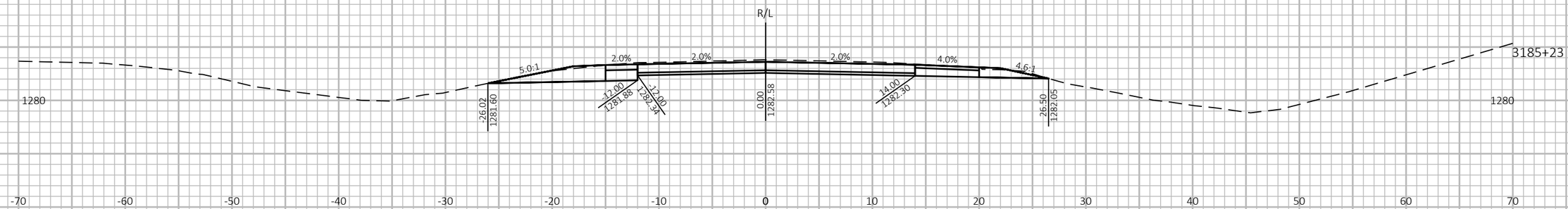
WISDOT/CADDS SHEET 49

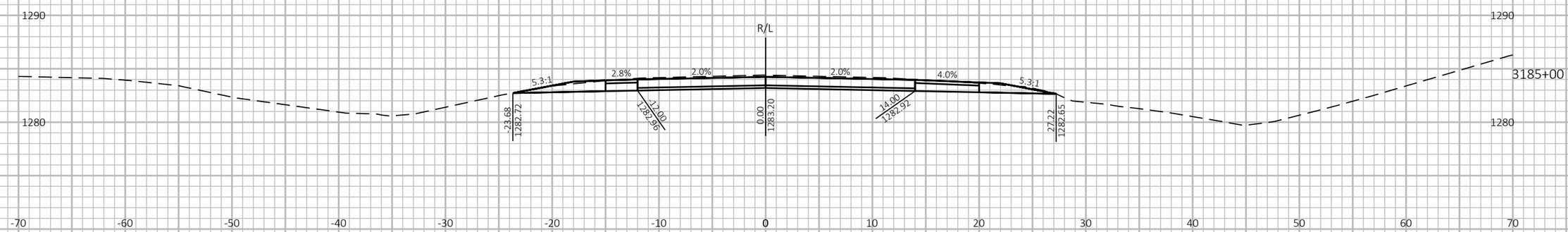
LEGEND

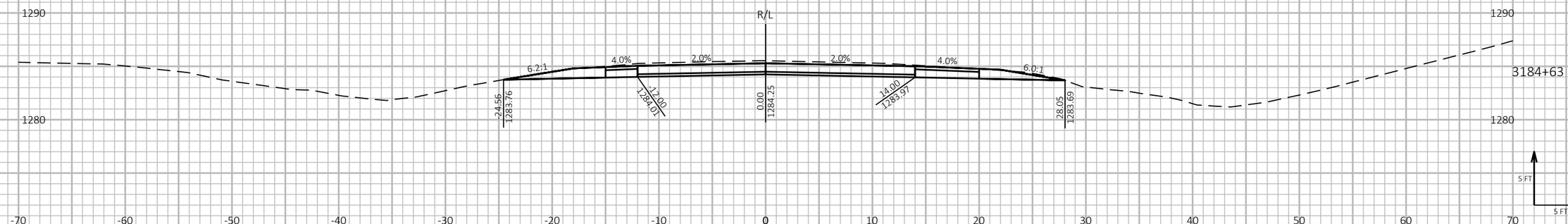
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 669	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 14

PLOT DATE : 1/27/2022 1:43 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

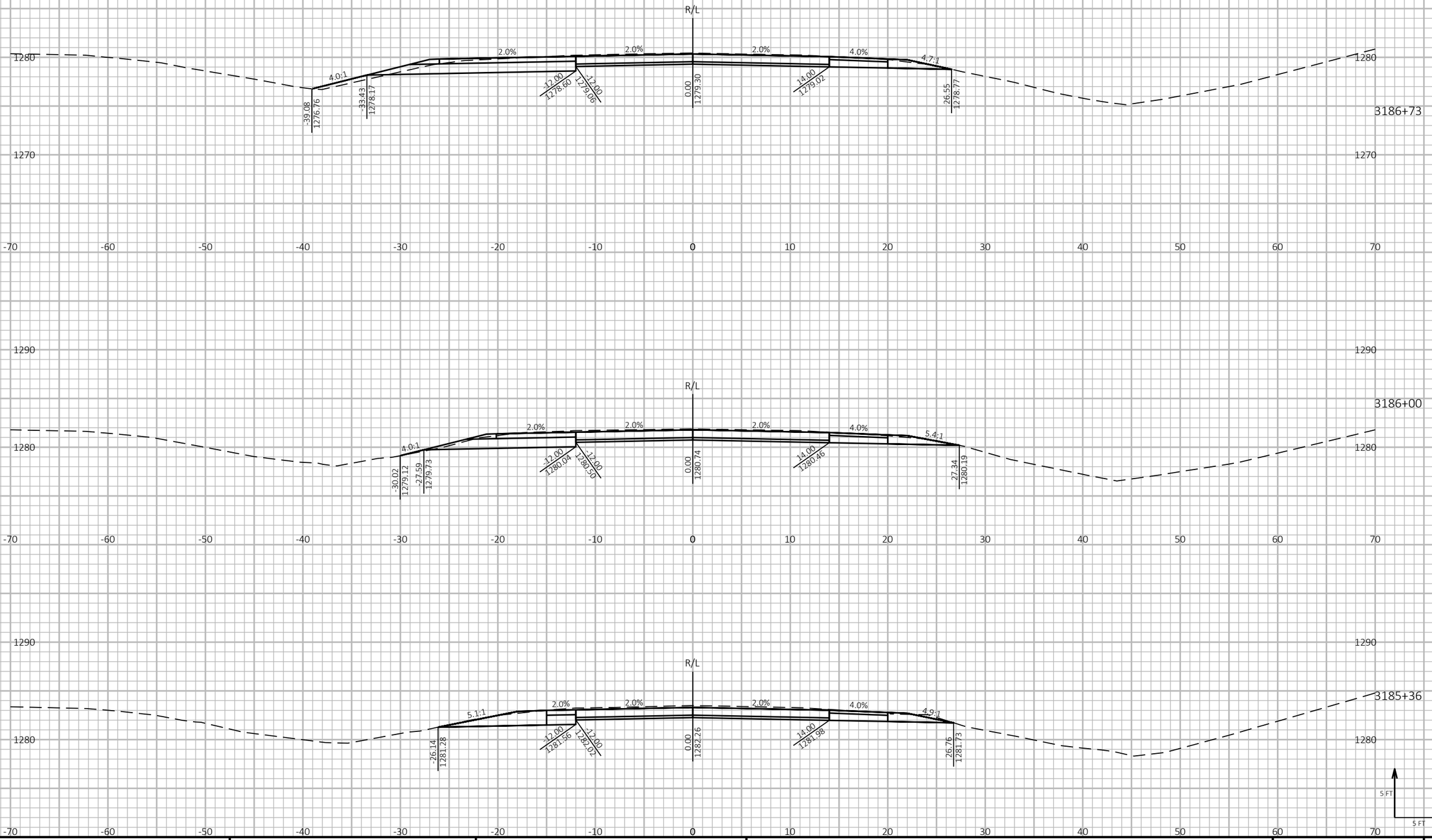
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 670	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 15

PLOT DATE : 1/27/2022 1:44 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

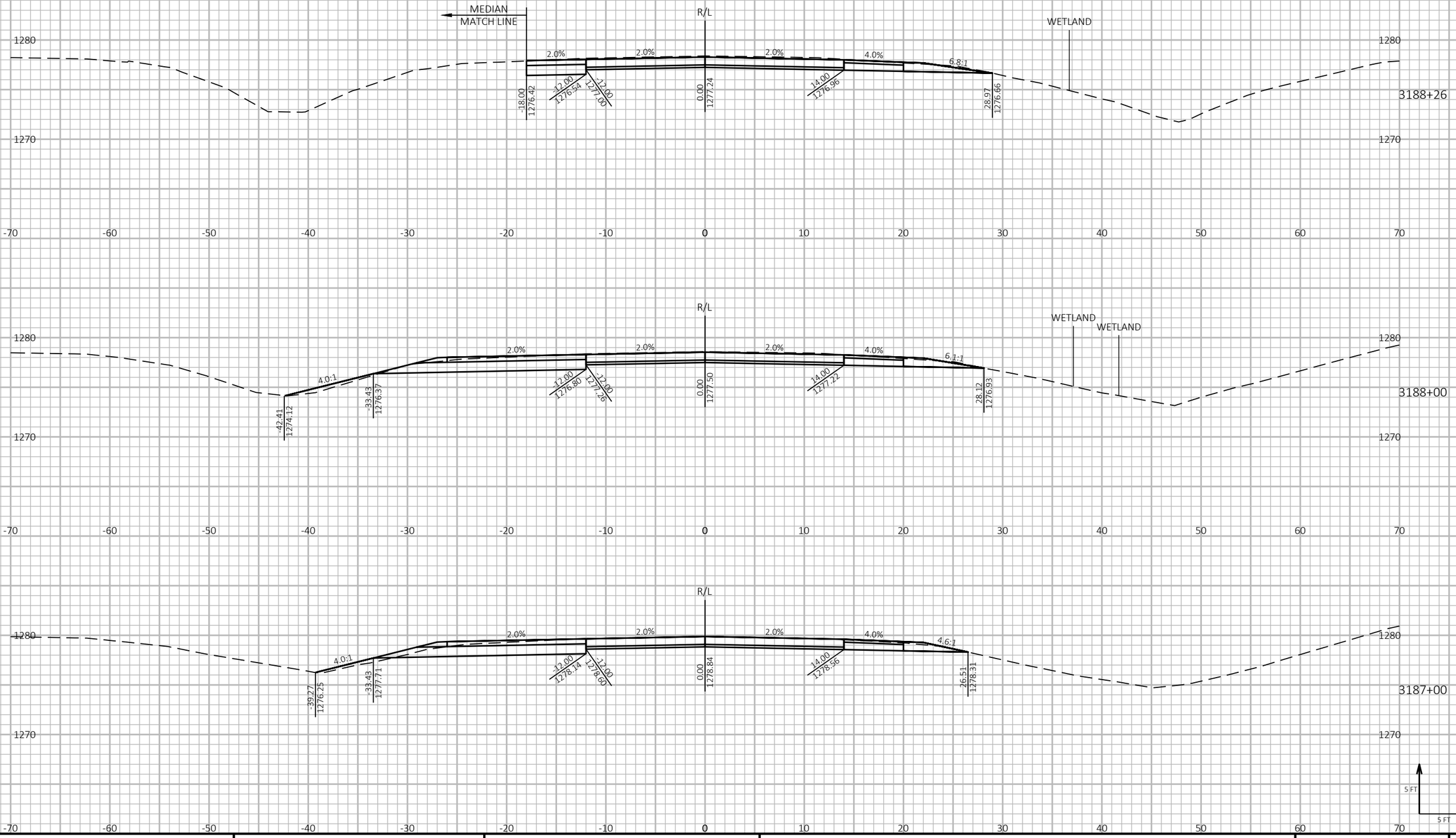
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 671	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 16

PLOT DATE : 1/27/2022 1:44 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

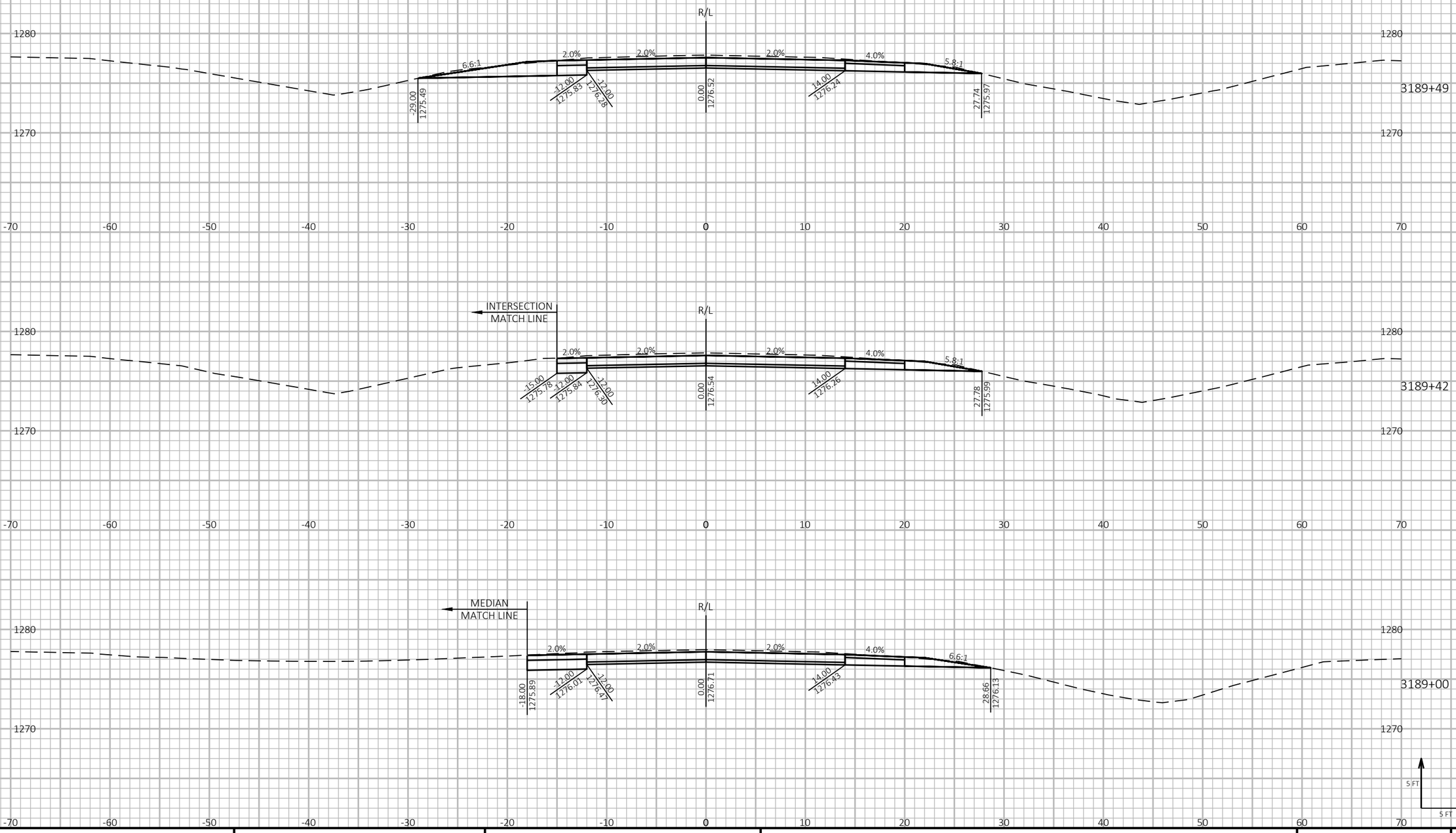
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 672	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 17

PLOT DATE : 1/27/2022 1:44 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

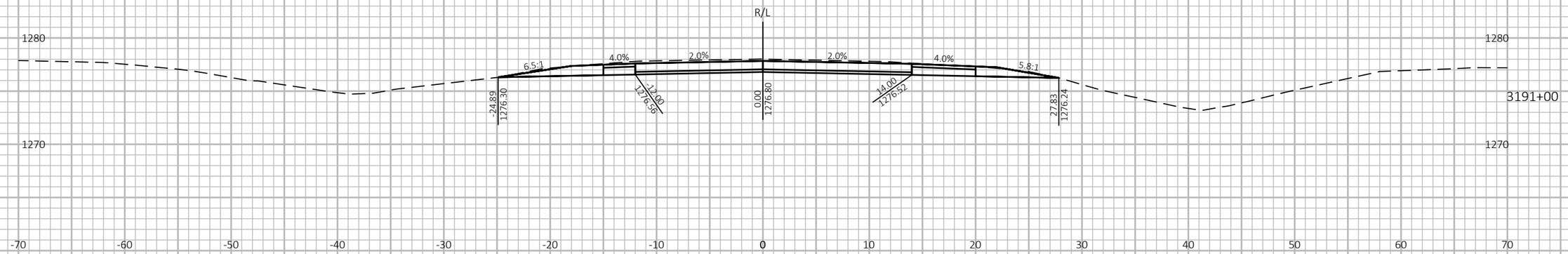
WISDOT/CADDS SHEET 49

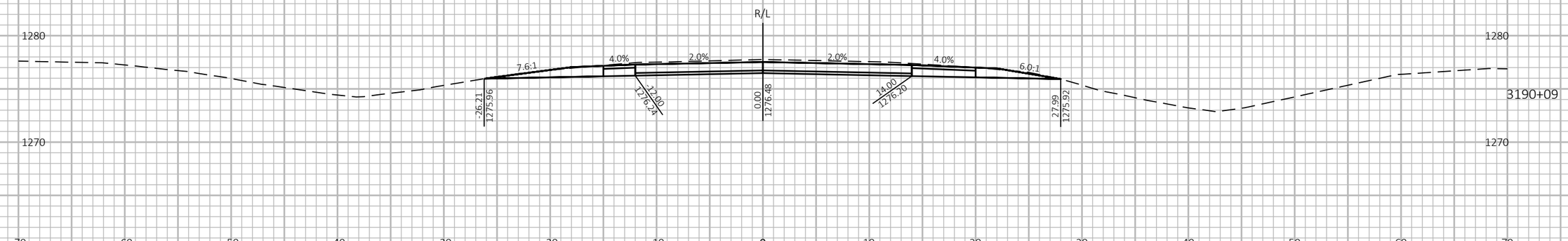
LEGEND

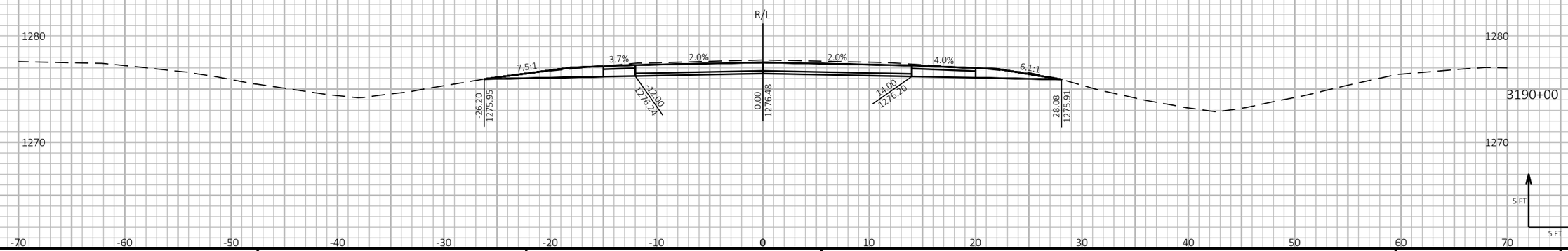
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 673	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 18

PLOT DATE : 1/27/2022 1:44 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

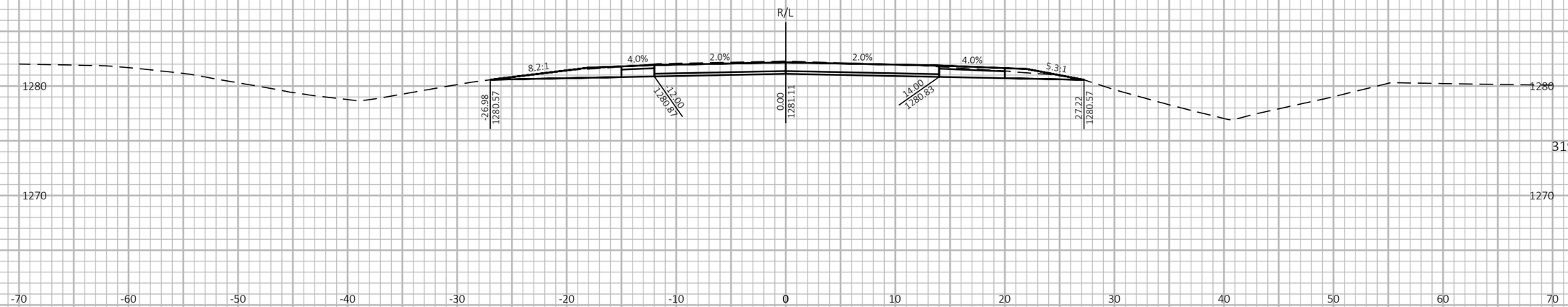
WISDOT/CADDS SHEET 49

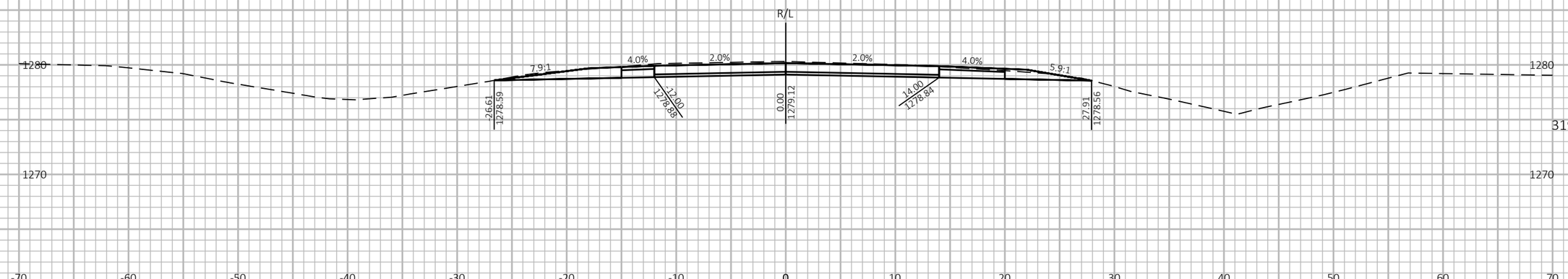
LEGEND

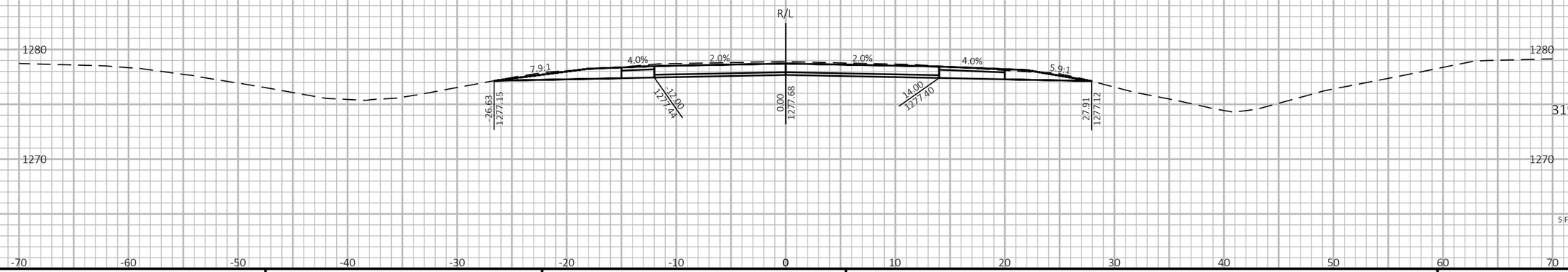
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 674	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 19

PLOT DATE : 1/27/2022 1:44 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

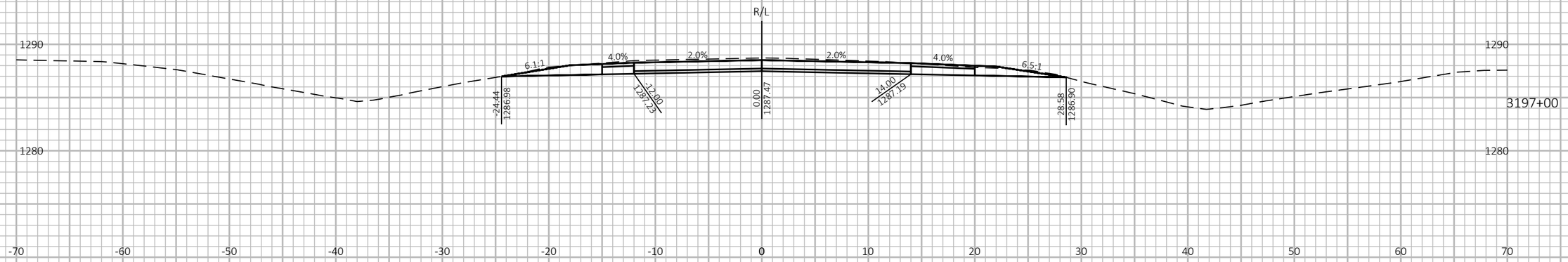
WISDOT/CADDS SHEET 49

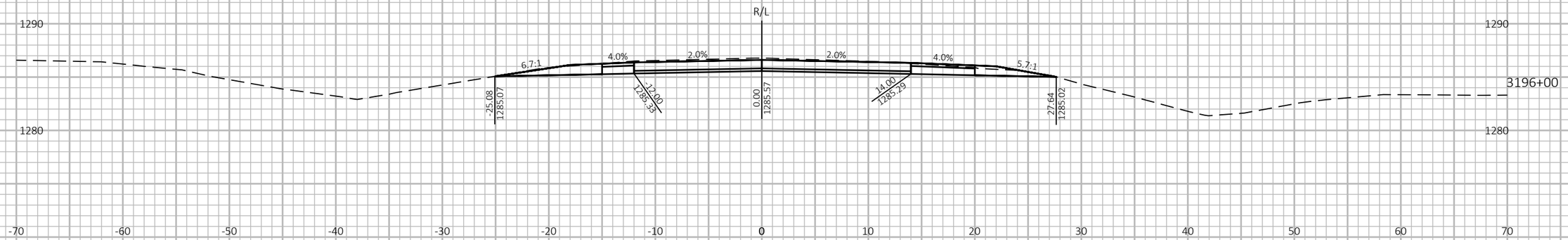
LEGEND

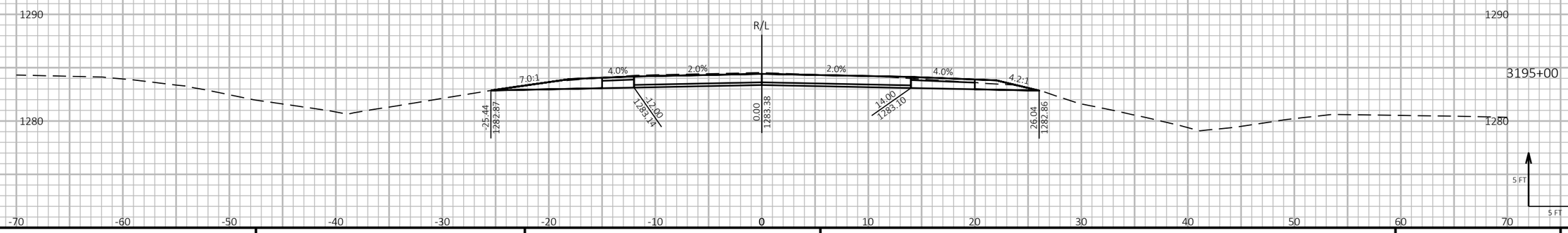
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 675	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 20

PLOT DATE : 1/27/2022 1:44 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

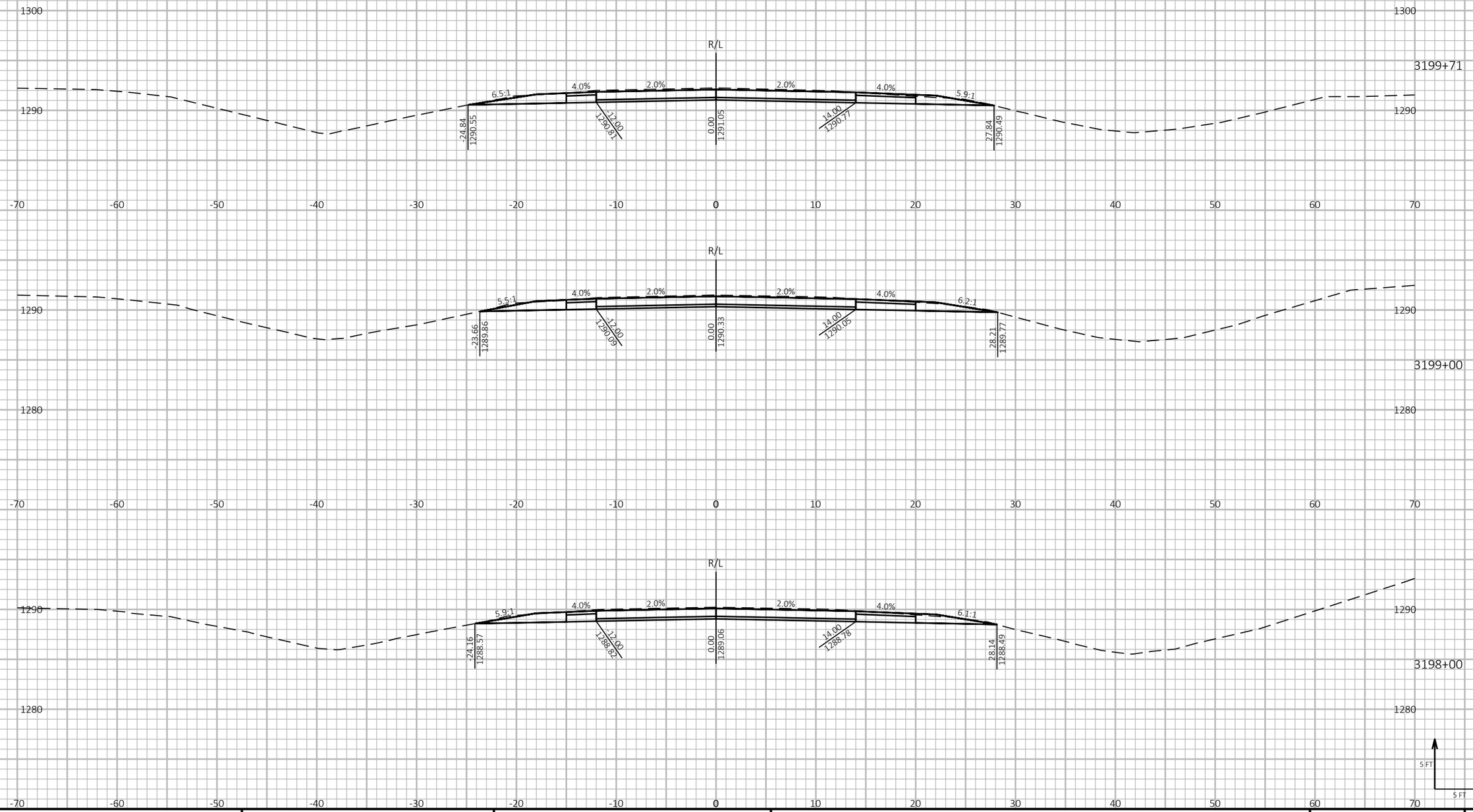
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 676	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 21

PLOT DATE : 1/27/2022 1:45 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

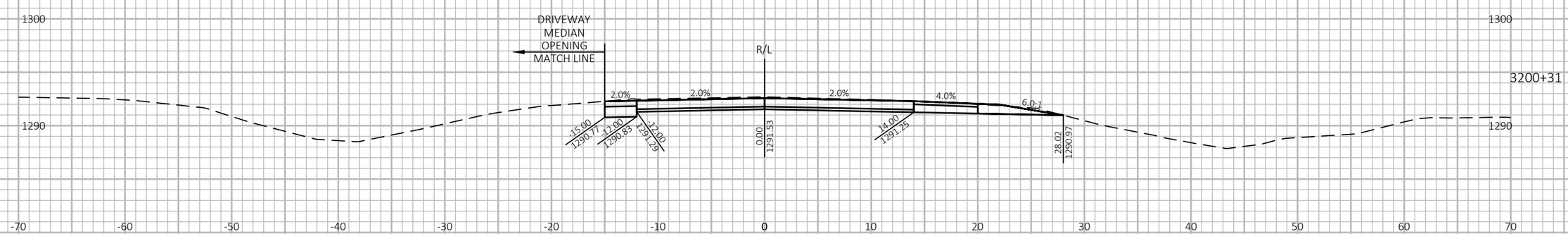
LEGEND

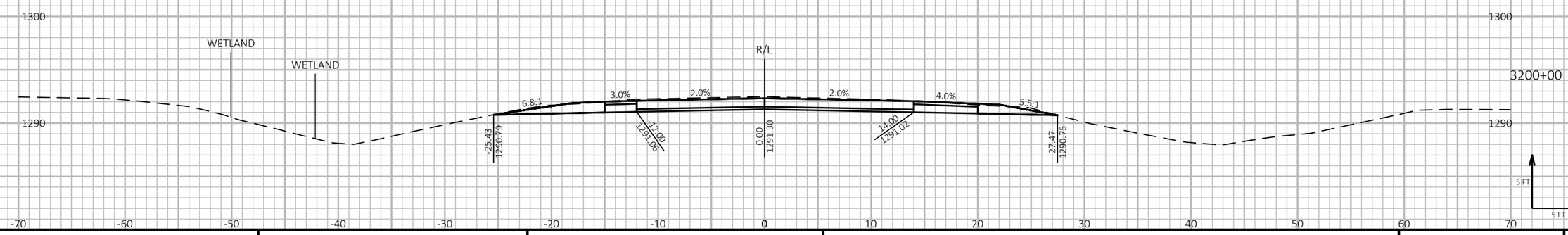
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 677	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 22

PLOT DATE : 1/27/2022 1:45 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

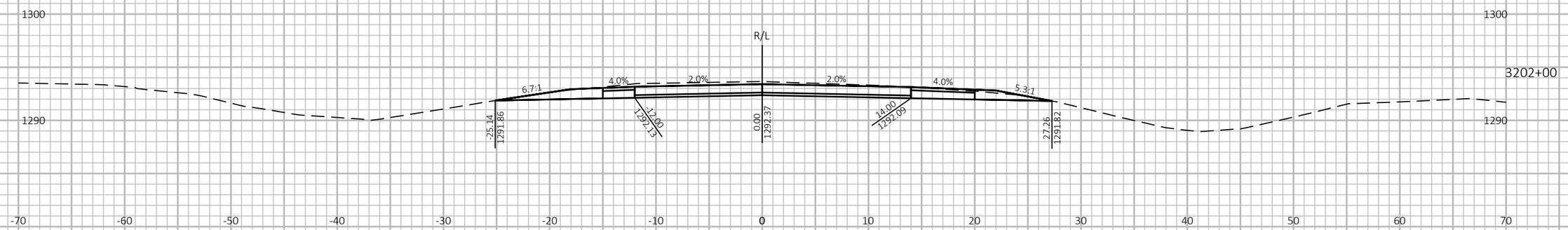
WISDOT/CADDS SHEET 49

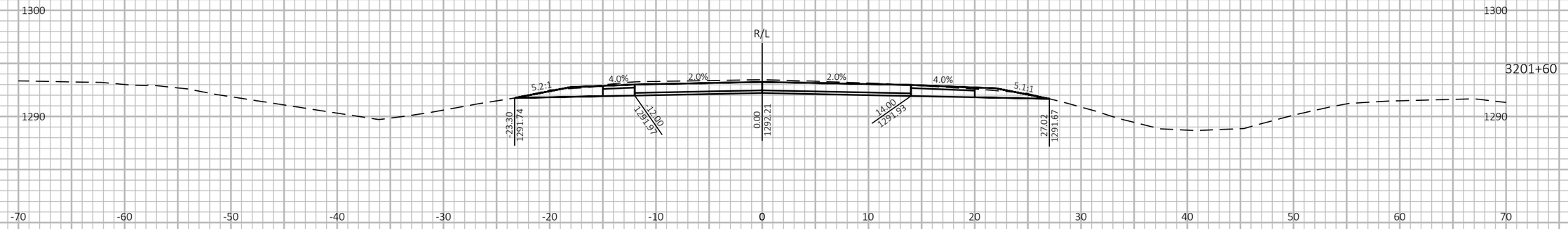
LEGEND

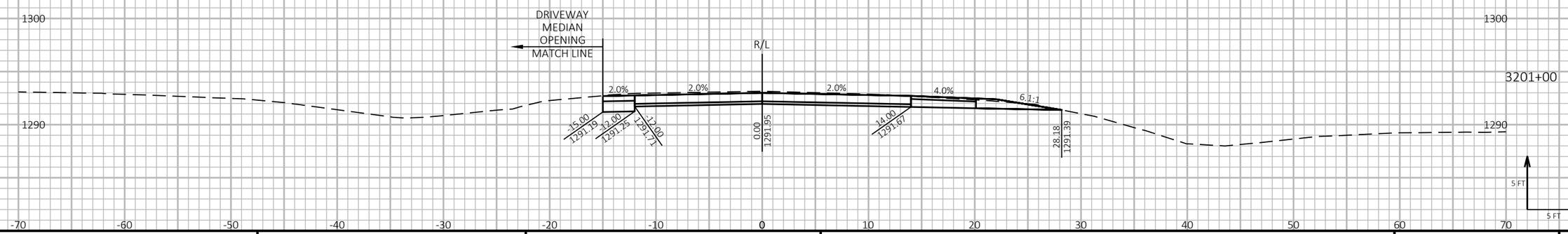
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 678	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 23

PLOT DATE : 1/27/2022 1:45 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

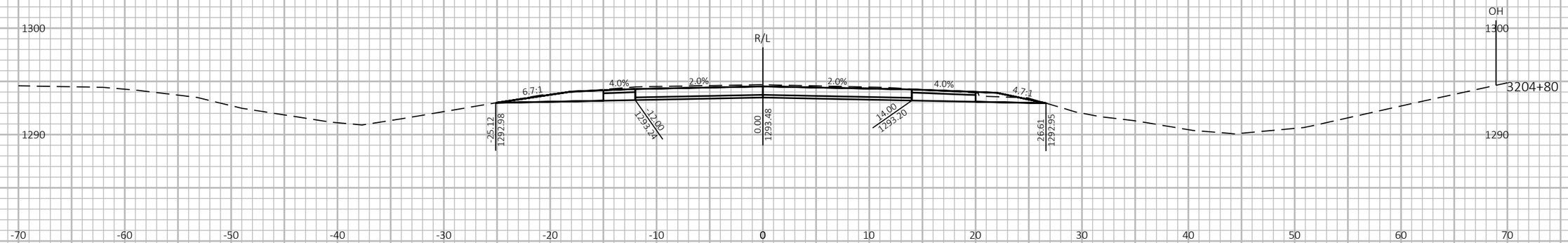
WISDOT/CADDS SHEET 49

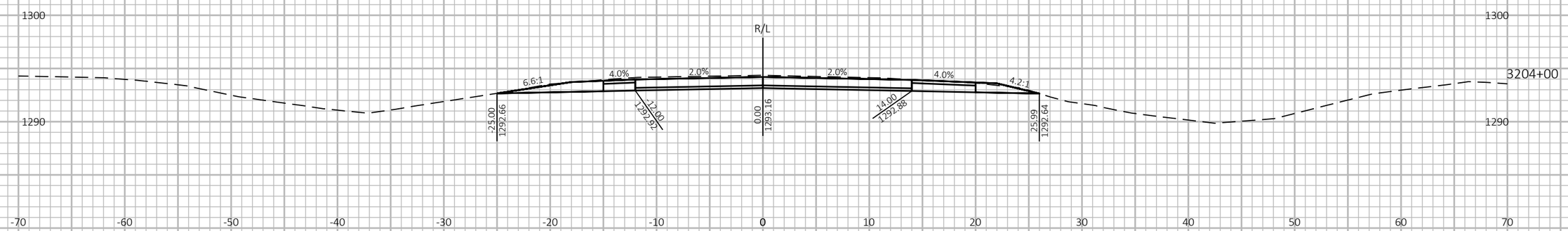
LEGEND

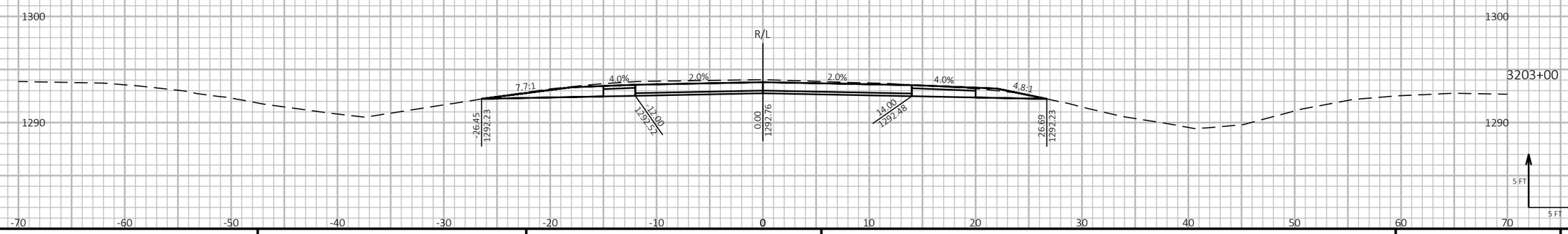
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 679	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 24

PLOT DATE : 1/27/2022 1:45 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

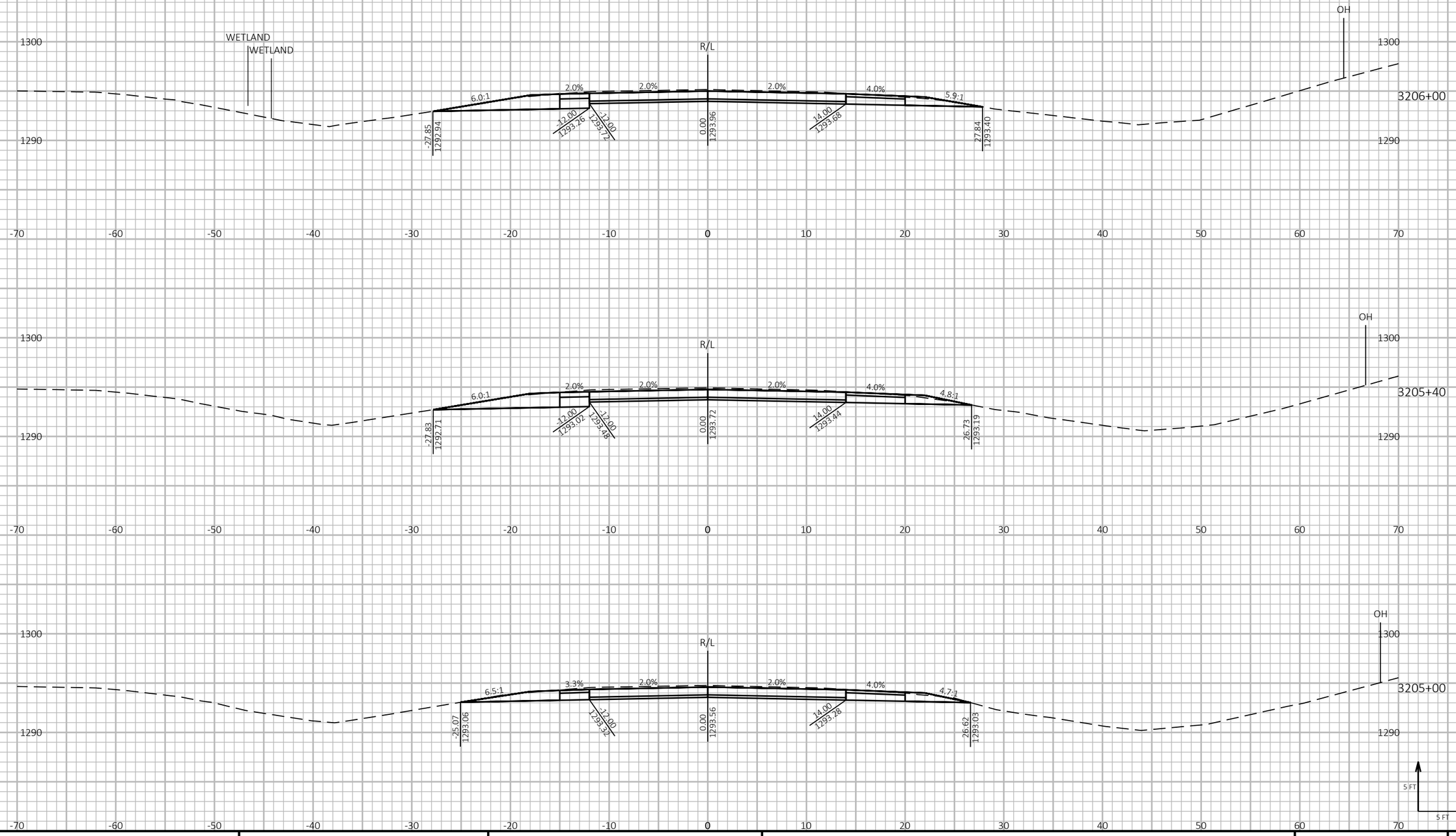
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 680	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 25

PLOT DATE : 1/27/2022 1:45 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

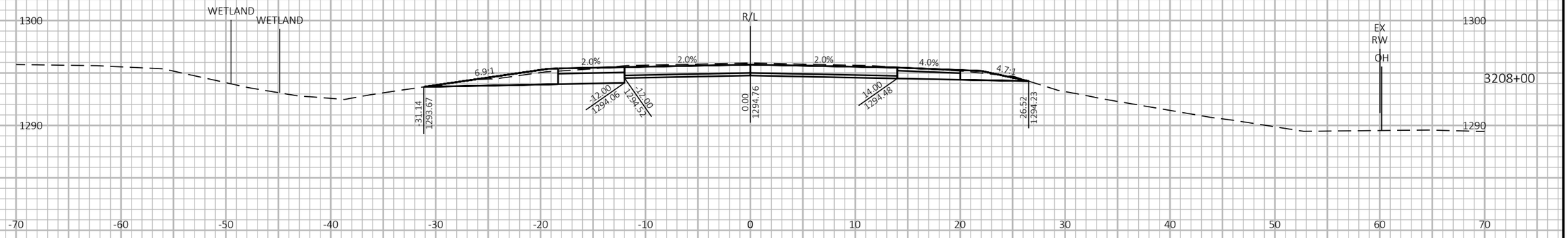
LEGEND

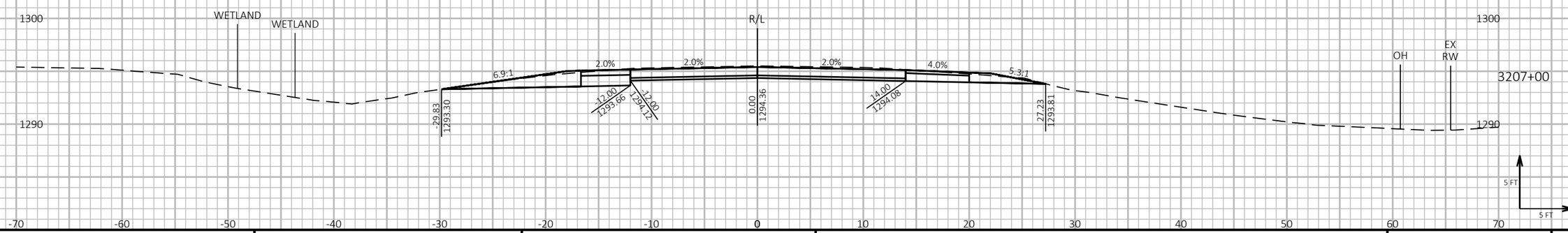
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 681	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 26

PLOT DATE : 1/27/2022 1:45 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

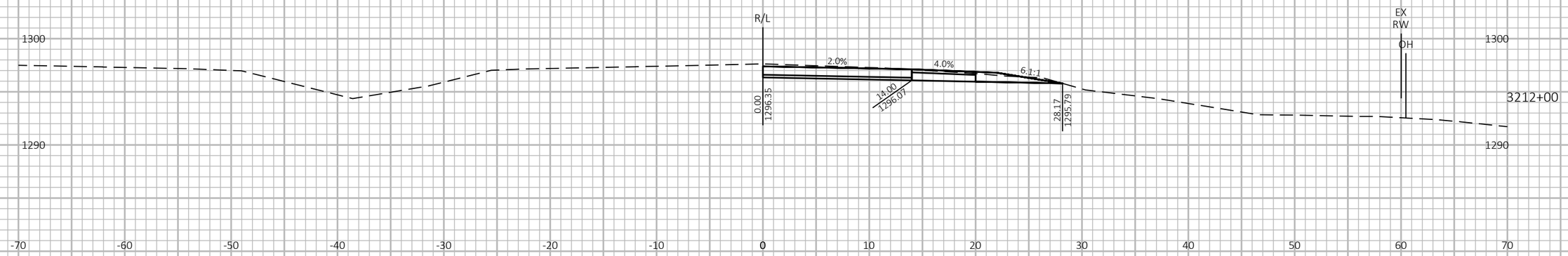
WISDOT/CADDS SHEET 49

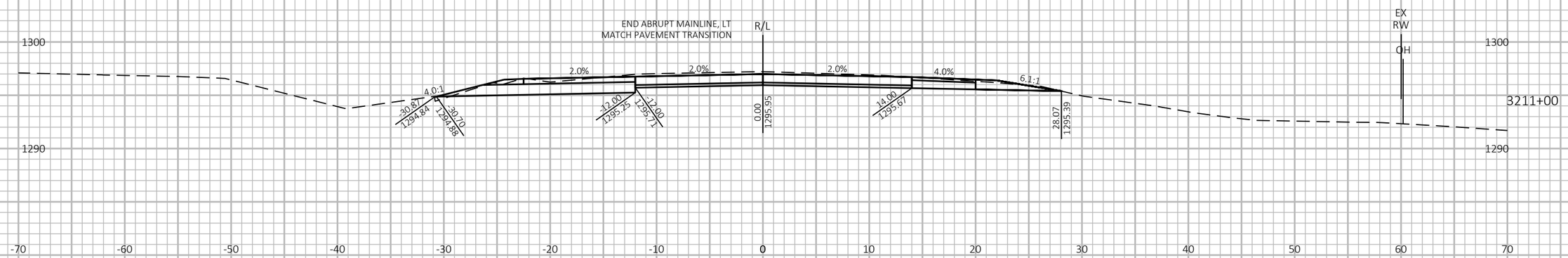
LEGEND

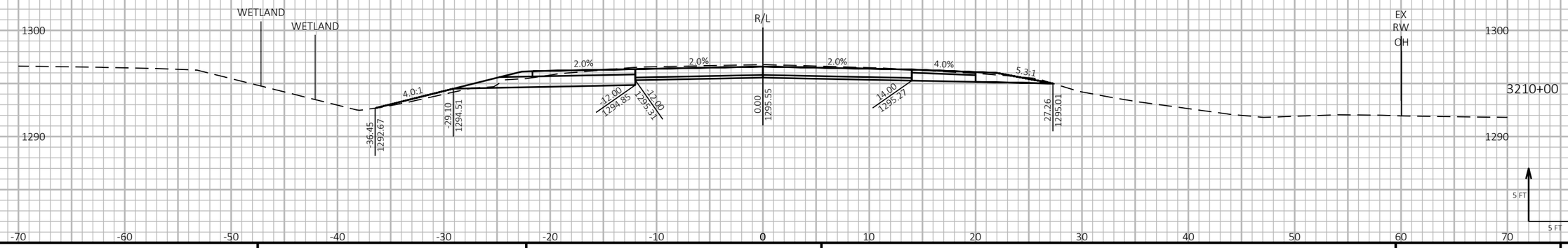
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 682	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 27

PLOT DATE : 1/27/2022 1:46 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

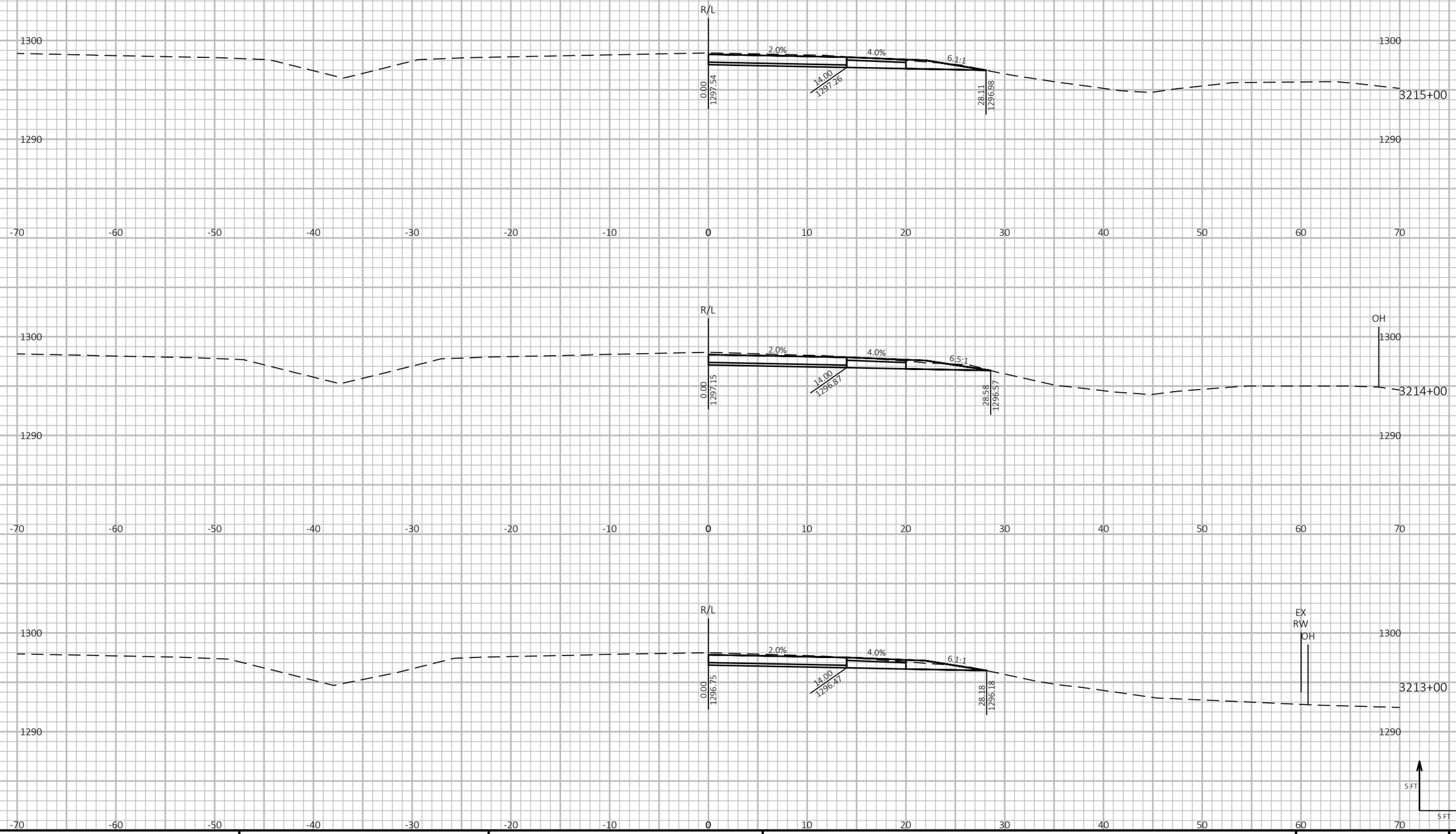
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 683	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 28

PLOT DATE : 1/27/2022 1:46 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

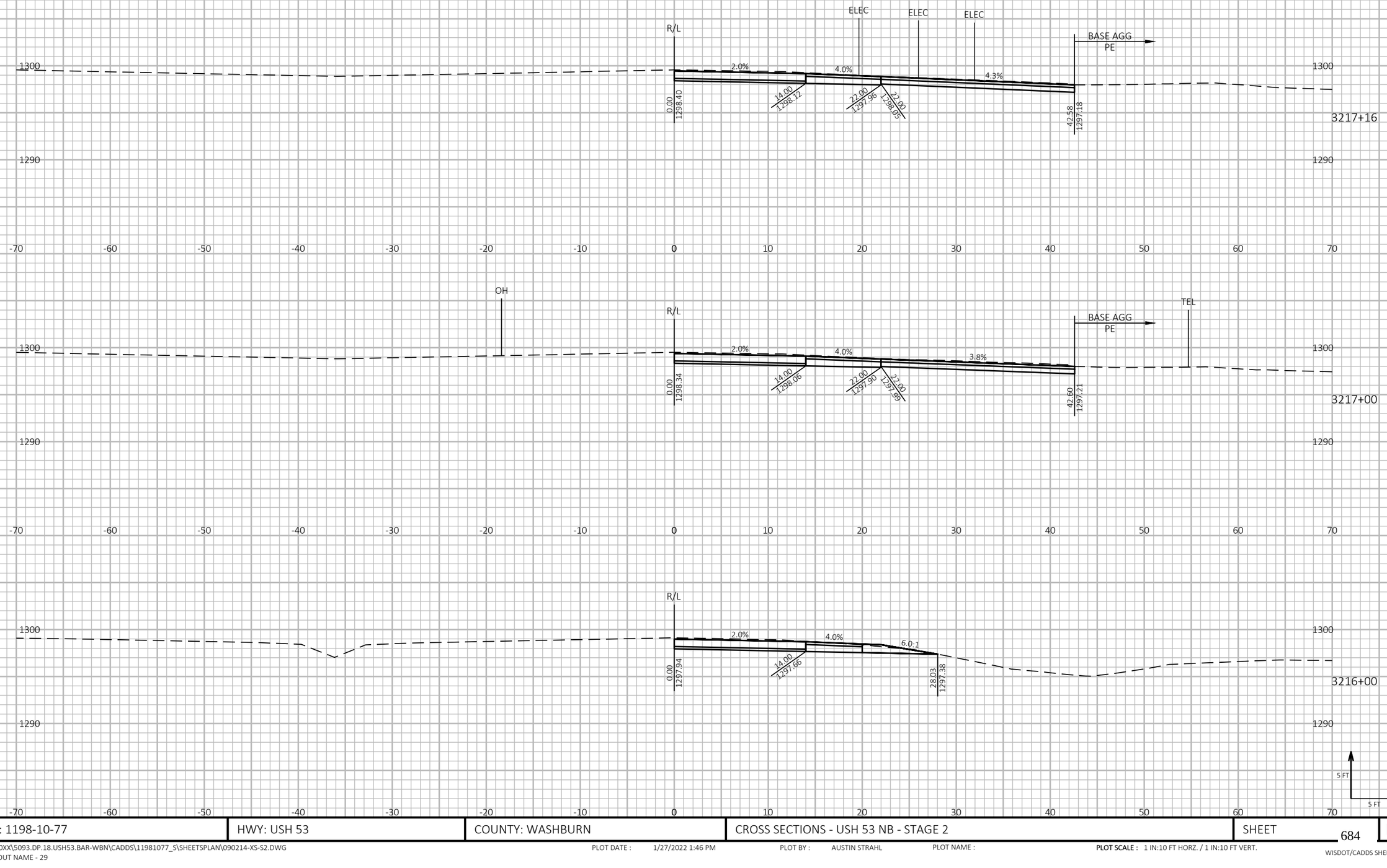
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 684	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 29

PLOT DATE : 1/27/2022 1:46 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

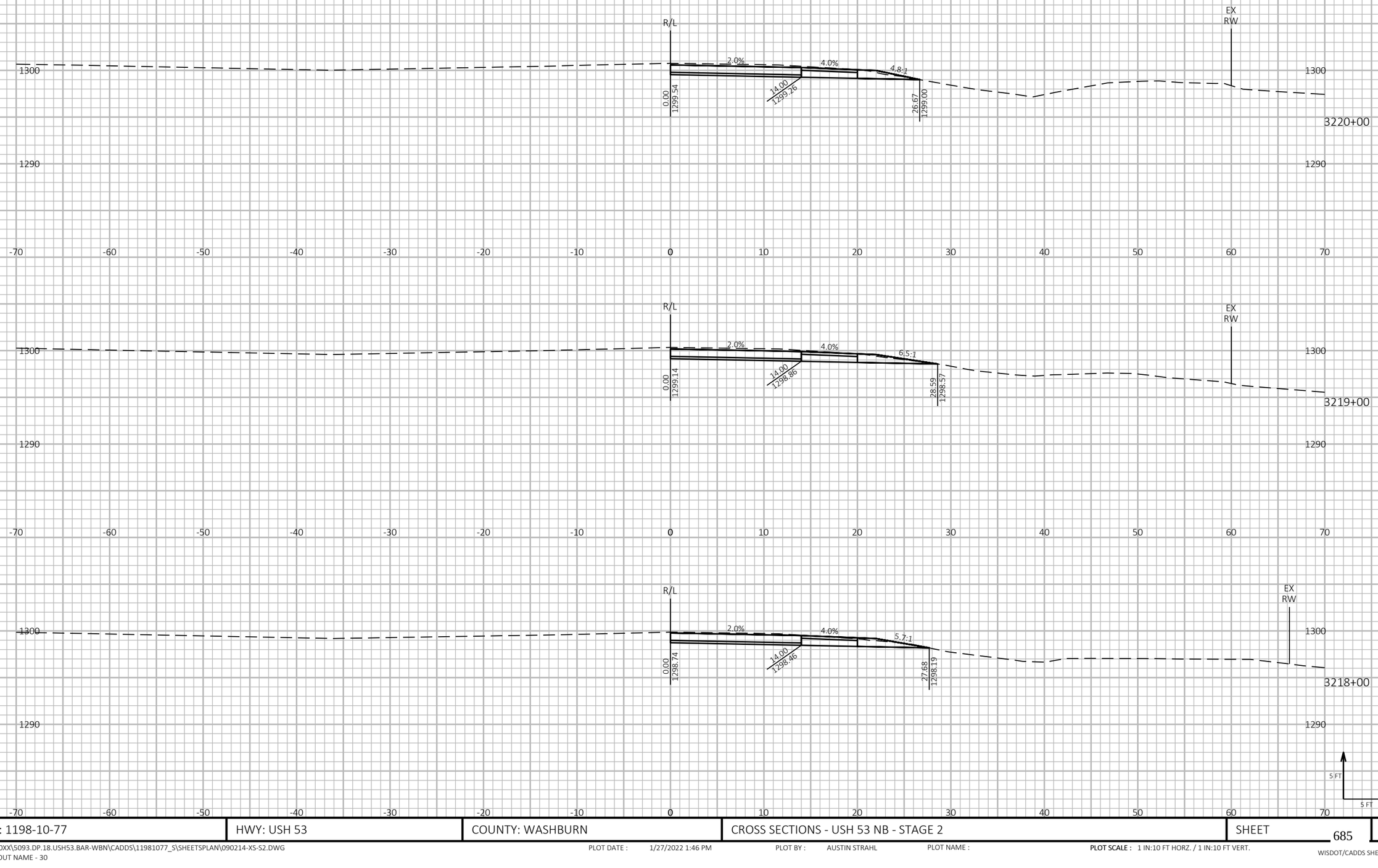
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 685	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 30

PLOT DATE : 1/27/2022 1:46 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

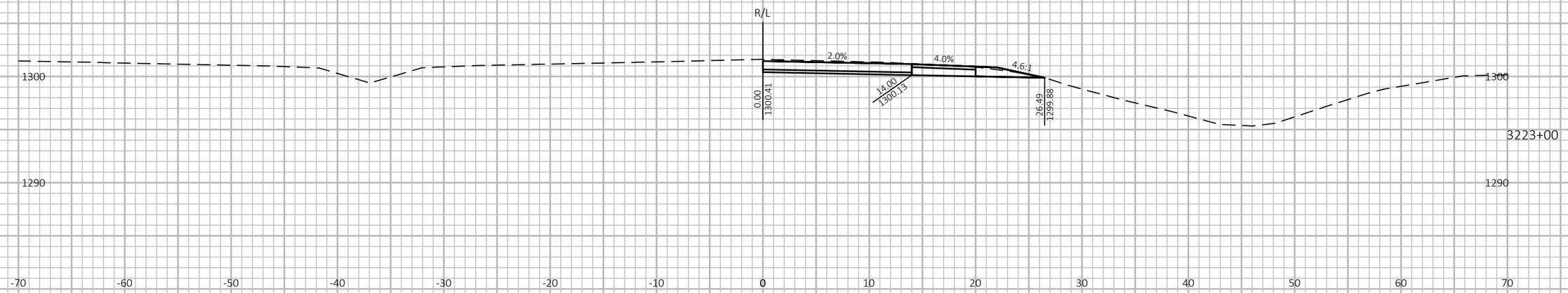
WISDOT/CADDS SHEET 49

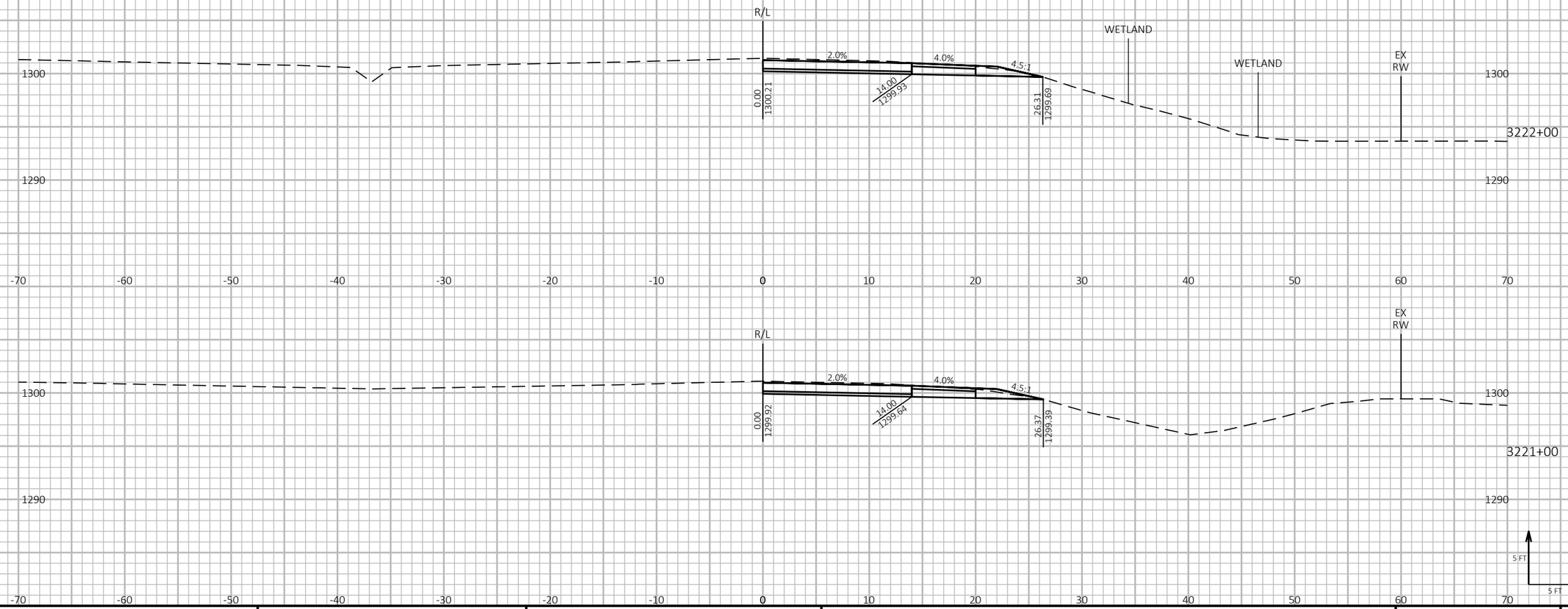
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 686	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 31

PLOT DATE : 1/27/2022 1:46 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

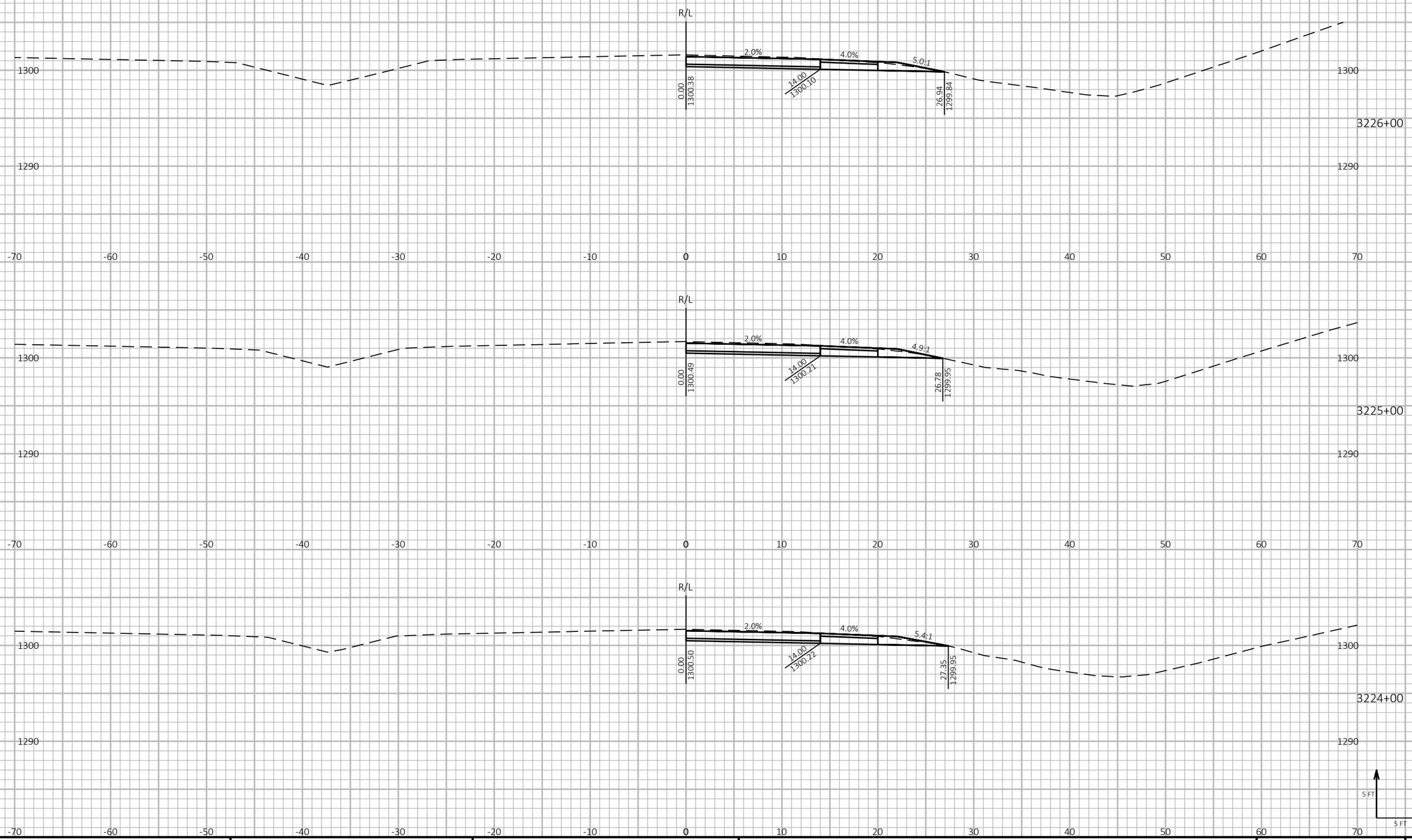
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 687	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 32

PLOT DATE : 1/27/2022 1:46 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

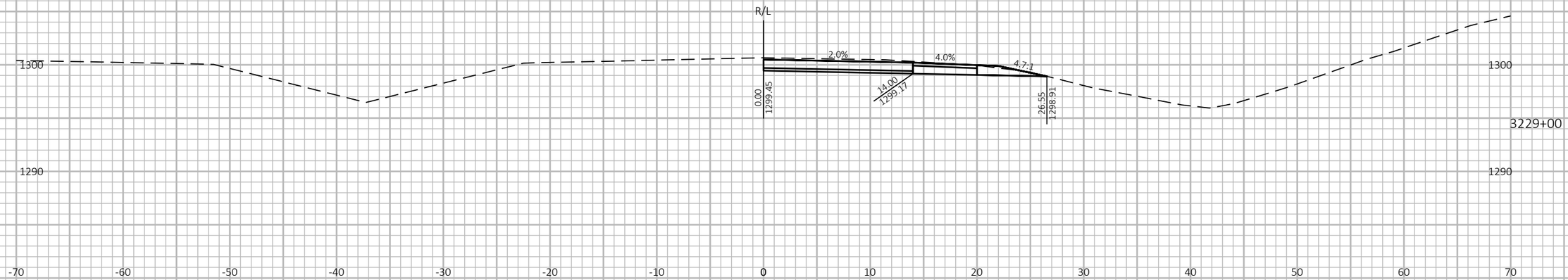
WISDOT/CADDS SHEET 49

LEGEND

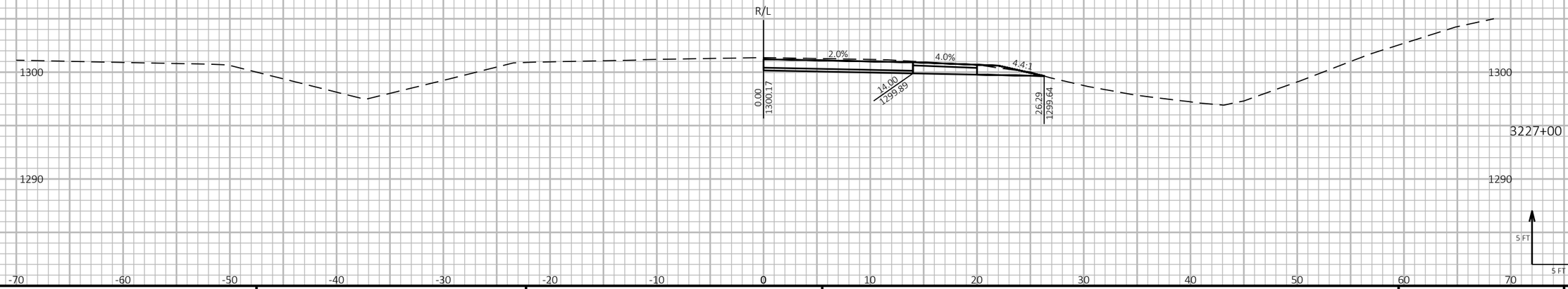
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 688	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 33

PLOT DATE : 1/27/2022 1:47 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

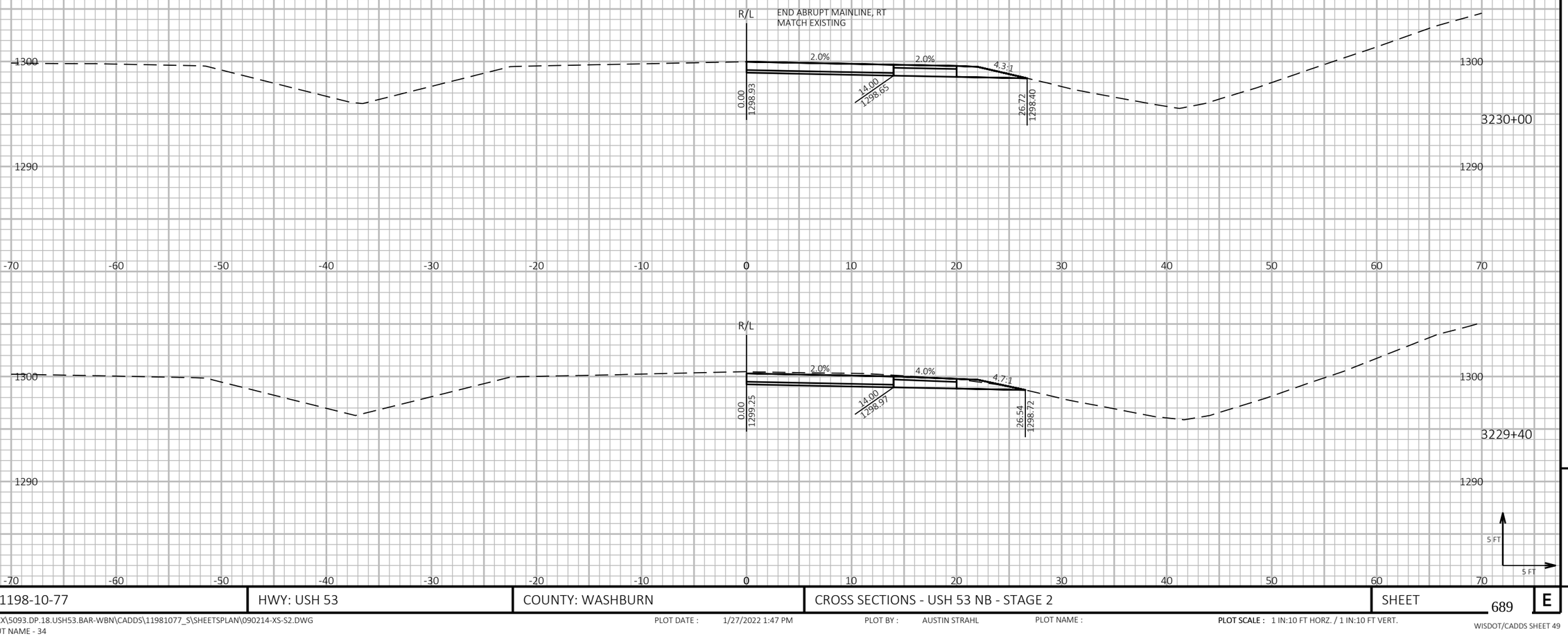
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 689	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 34

PLOT DATE : 1/27/2022 1:47 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

USH 53 NB
MATCH LINE

R/L

1.2%

1.5%

3.9%

5.3:1

-21.66
1188.73

0.00
1188.47

29.06
1188.04

35.46
1187.94

36.78
1189.80

38.05
1189.56

15+45

1.4%

3.6%

0.20
1188.43

34.36
1187.95

41.54
1187.87

45.88
1189.61

15+39

15+20

BEGIN ABRUPT
MATCH PROPOSED USH 53 NB

5 FT

5 FT

1190
1180
1200

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

9

9

PROJECT NO: 1198-10-77	USH 53	COUNTY: BARRON	CROSS SECTIONS - 26TH AVE - STAGE 2	SHEET 690	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 1/27/2022 1:52 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

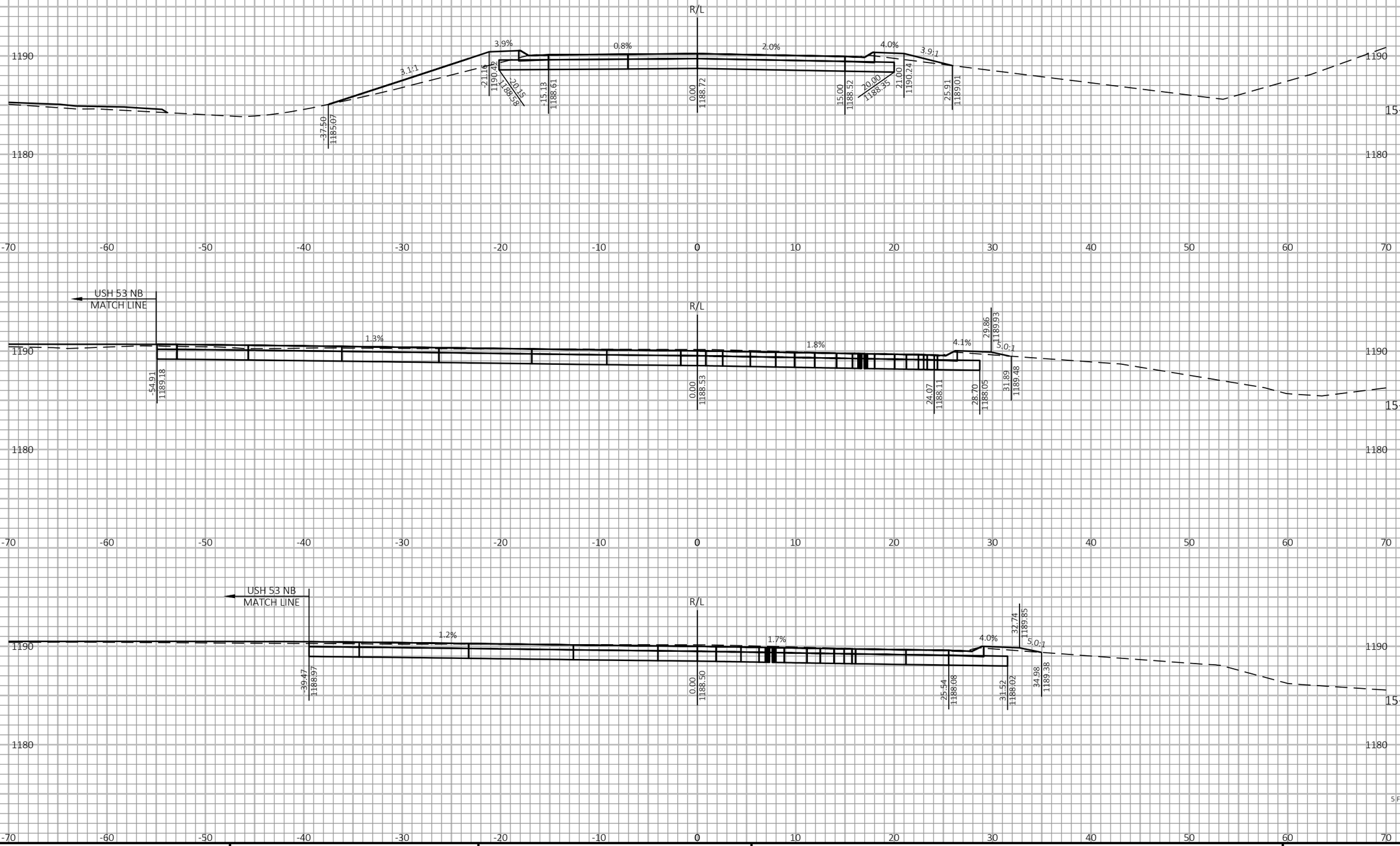
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



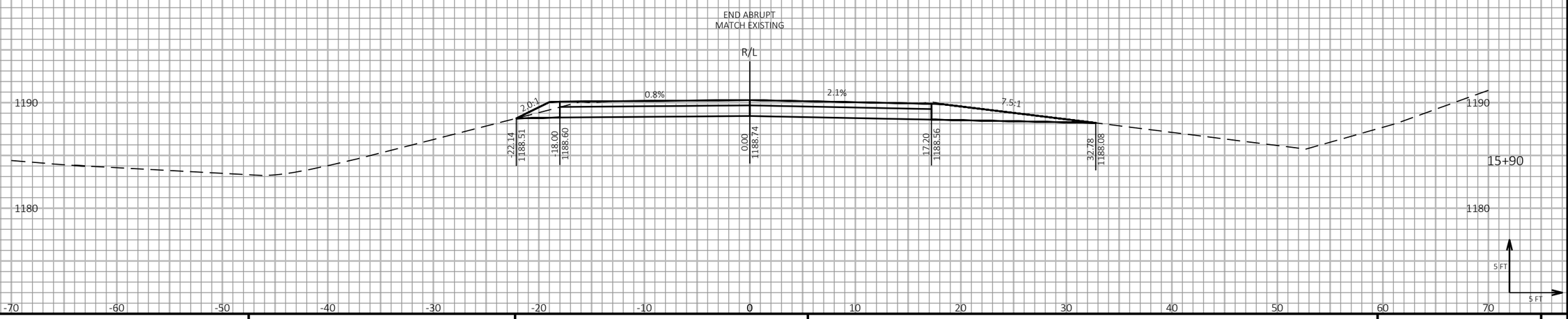
PROJECT NO: 1198-10-77	USH 53	COUNTY: BARRON	CROSS SECTIONS - 26TH AVE - STAGE 2	SHEET 691	E

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	USH 53	COUNTY: BARRON	CROSS SECTIONS - 26TH AVE - STAGE 2	SHEET 692	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 1/27/2022 1:53 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

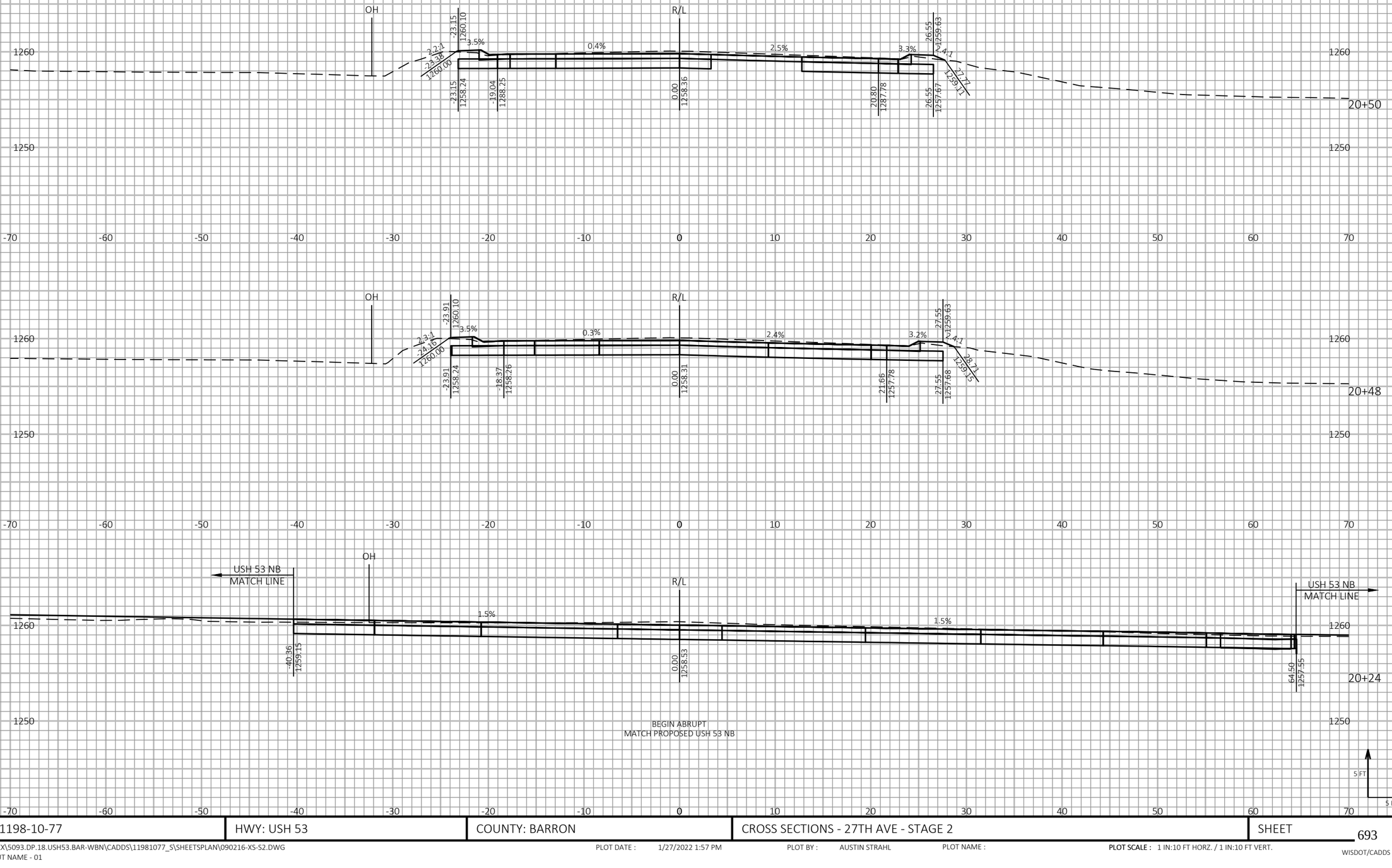
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - 27TH AVE - STAGE 2	SHEET 693	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090216-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 1/27/2022 1:57 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

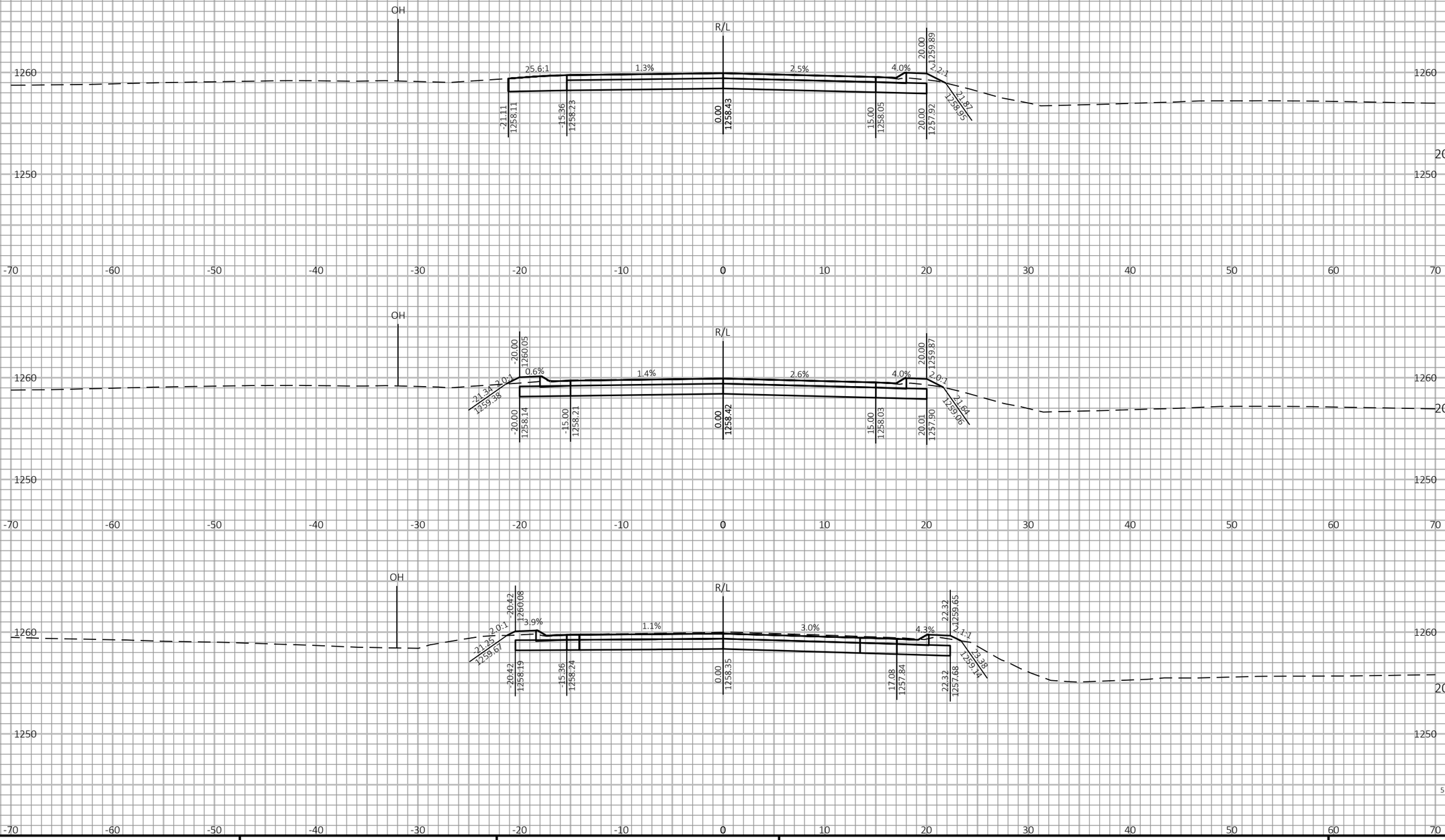
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - 27TH AVE - STAGE 2	SHEET 694	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090216-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 1/27/2022 1:57 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

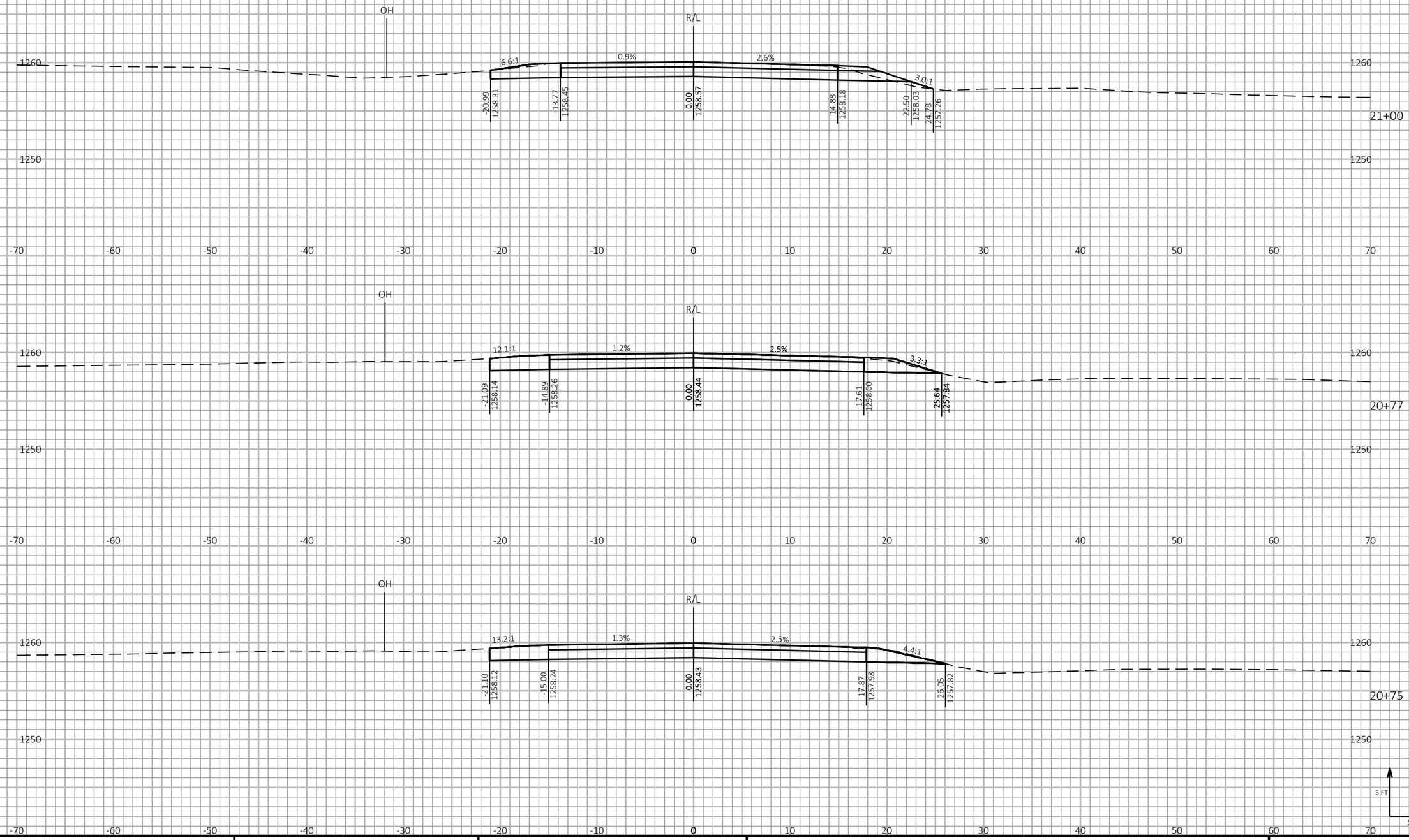
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - 27TH AVE - STAGE 2	SHEET 695	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090216-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 1/27/2022 1:57 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

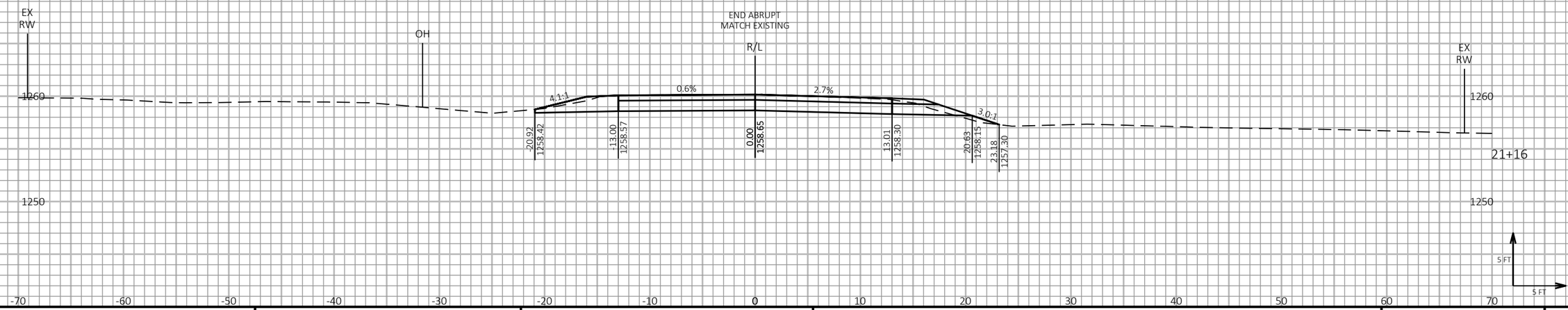
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - 27TH AVE - STAGE 2	SHEET 696	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090216-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 1/27/2022 1:58 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

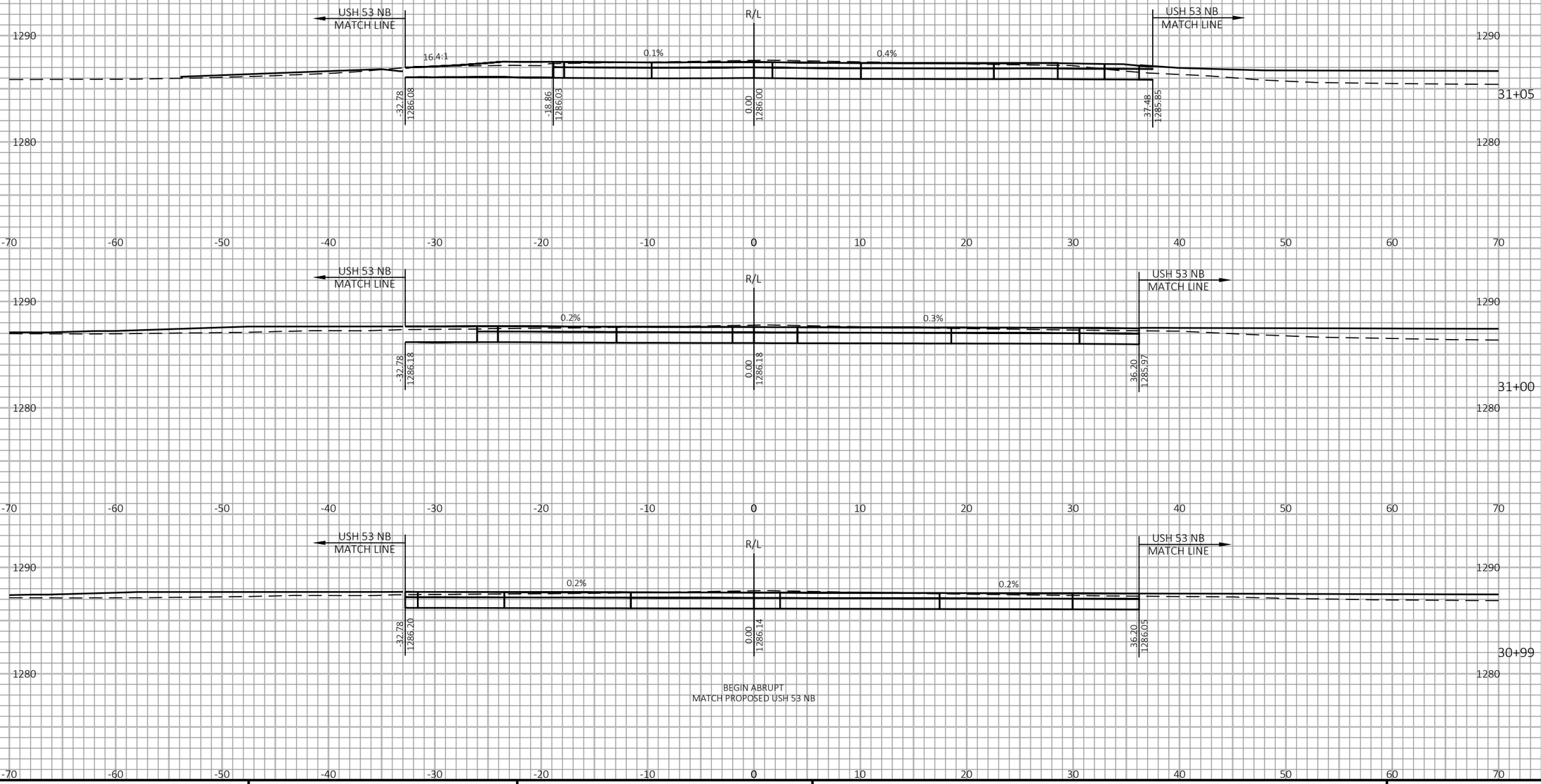
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - 29 3/4 AVE - STAGE 2	SHEET 697	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090217-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 1/27/2022 2:58 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

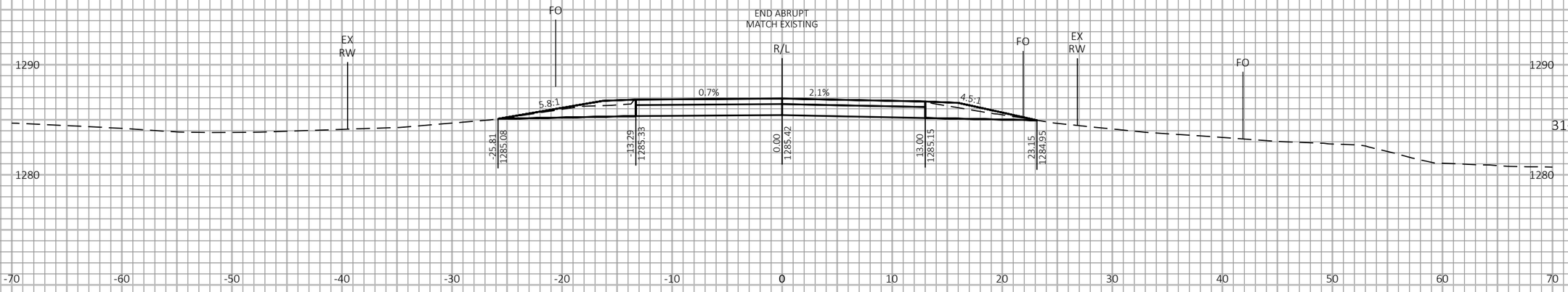
WISDOT/CADDS SHEET 49

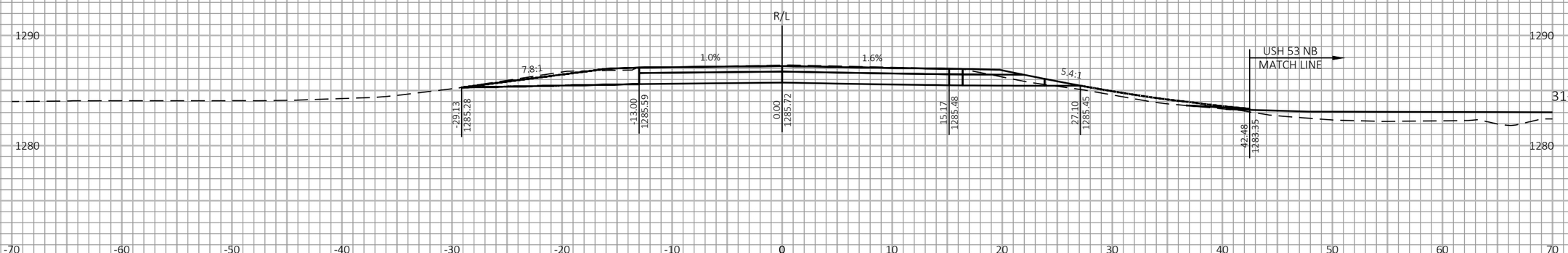
LEGEND

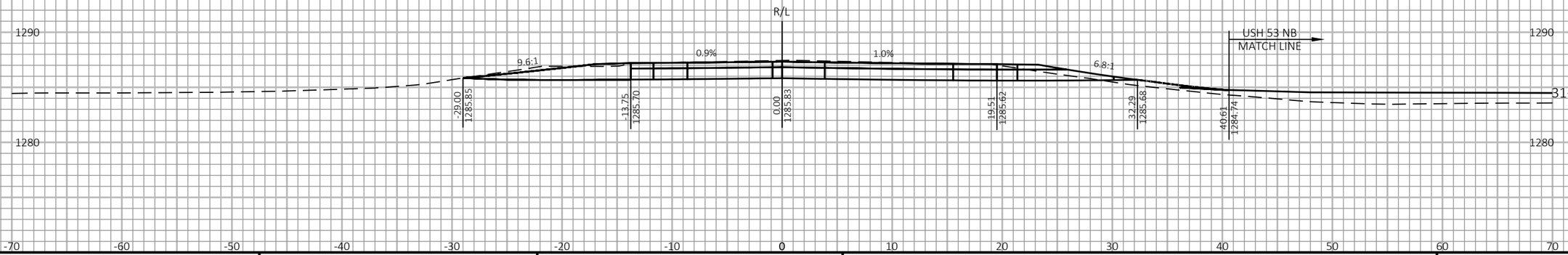
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - 29 3/4 AVE - STAGE 2	SHEET 698	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090217-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 1/27/2022 2:59 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

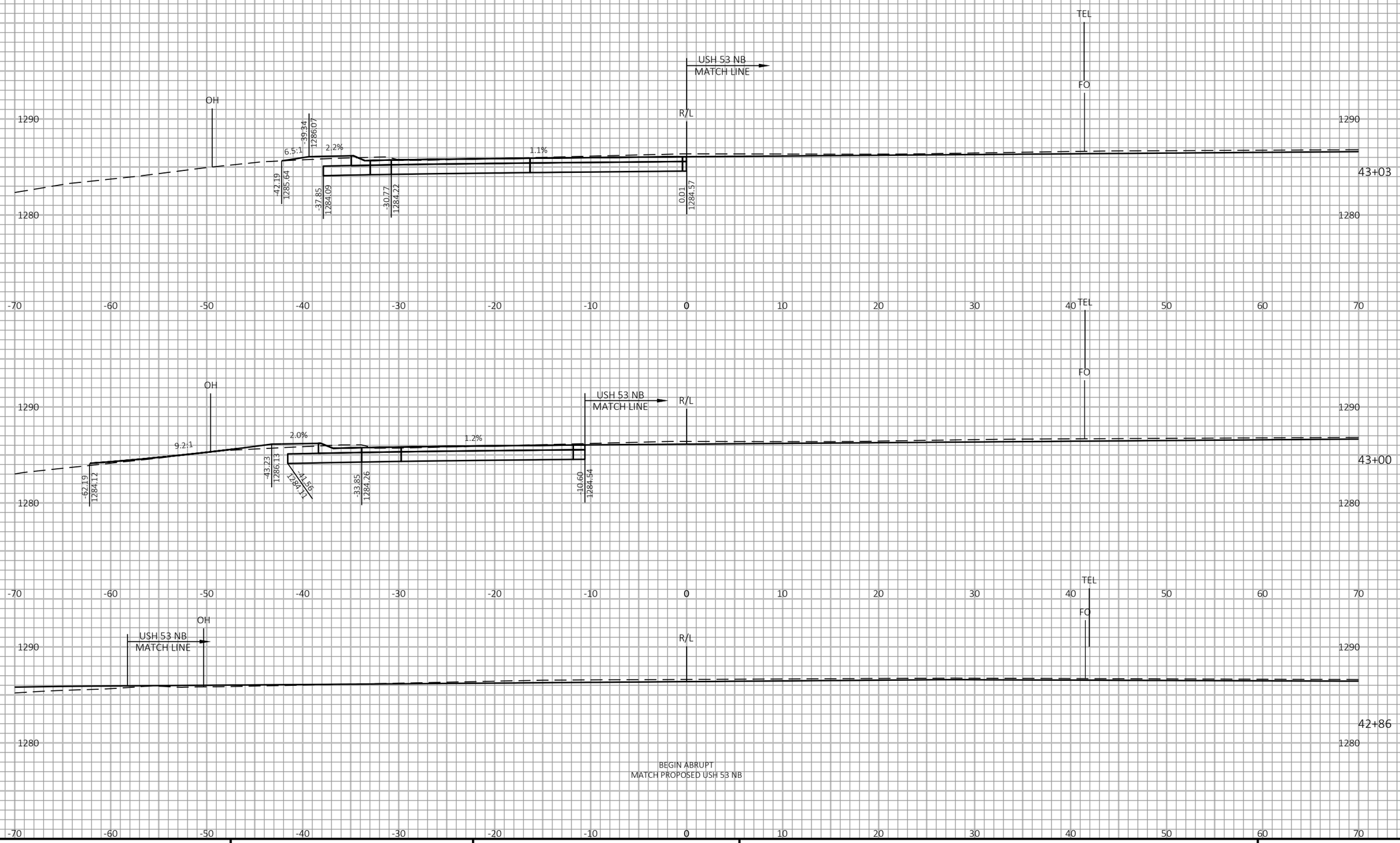
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - 30TH AVE - STAGE 2	SHEET 699	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090218-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 1/27/2022 2:51 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

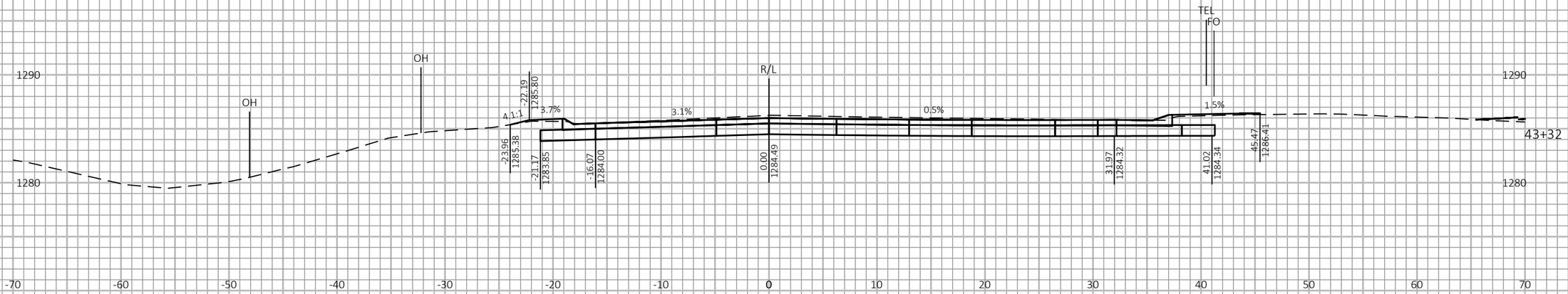
WISDOT/CADDS SHEET 49

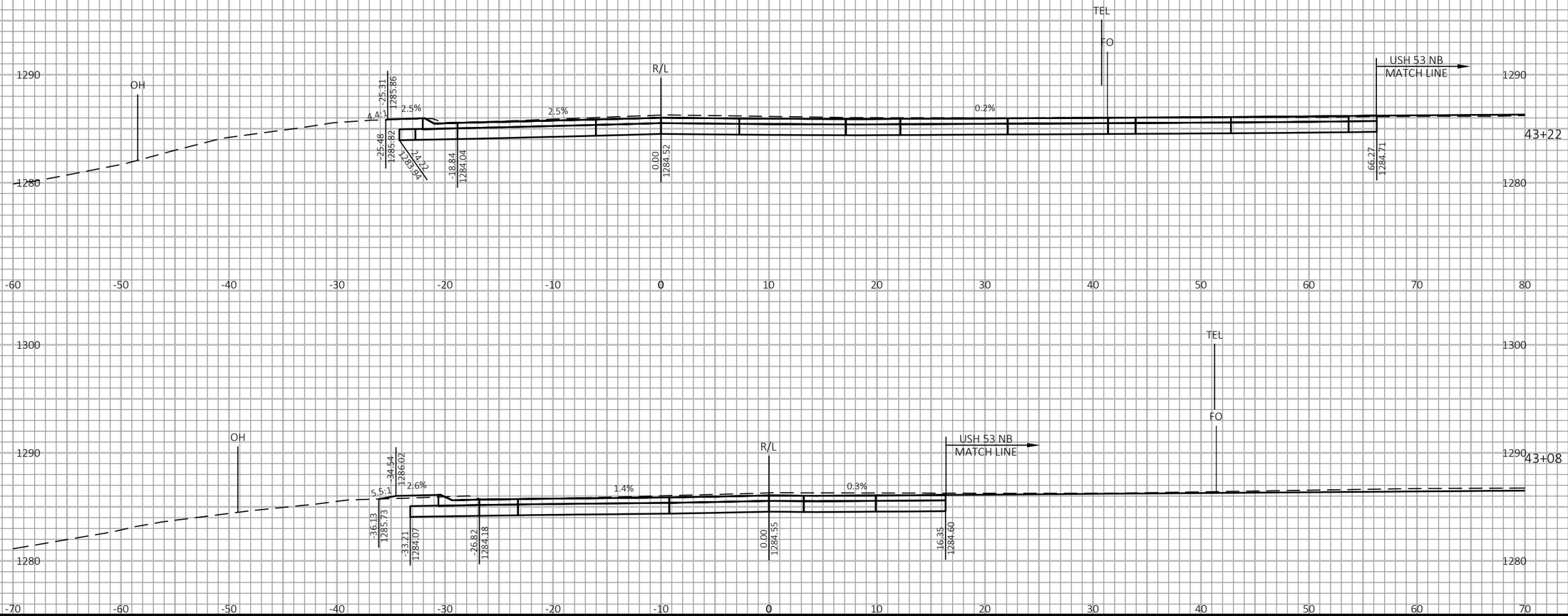
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - 30TH AVE - STAGE 2	SHEET 700	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090218-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 1/27/2022 2:51 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

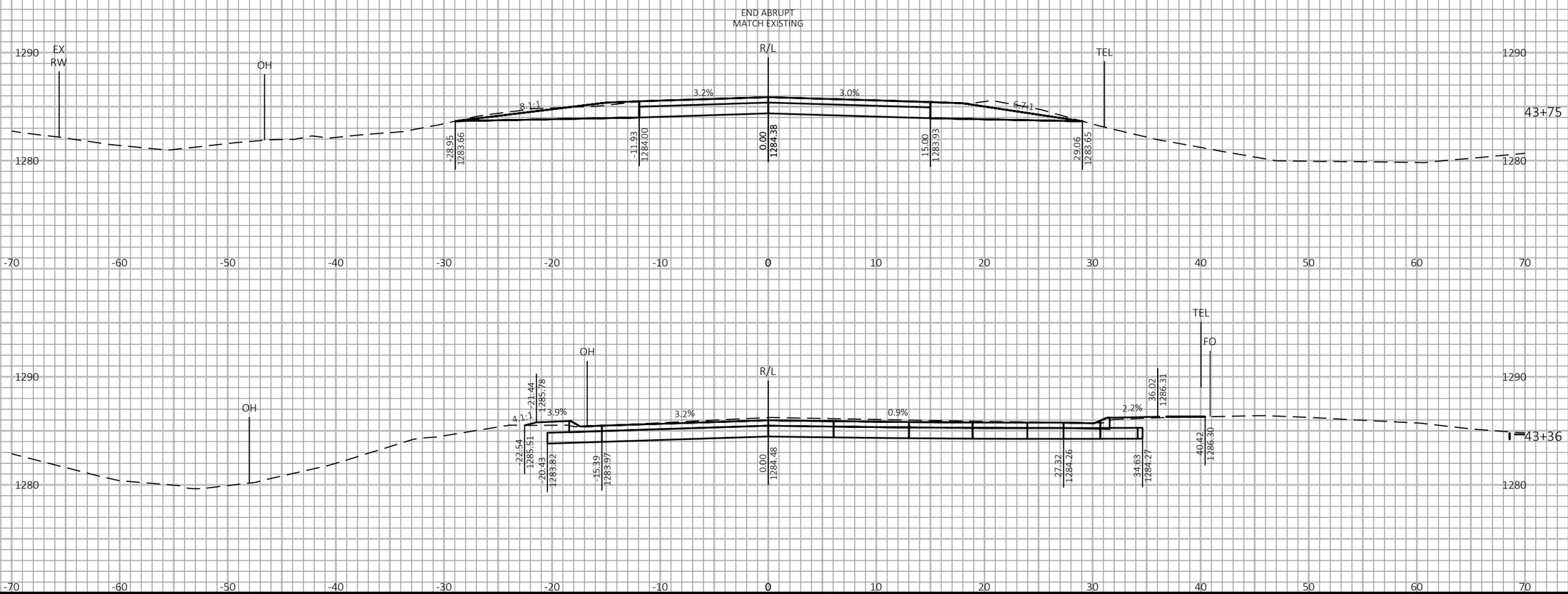
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - 30TH AVE - STAGE 2	SHEET 701	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090218-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 1/27/2022 2:51 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

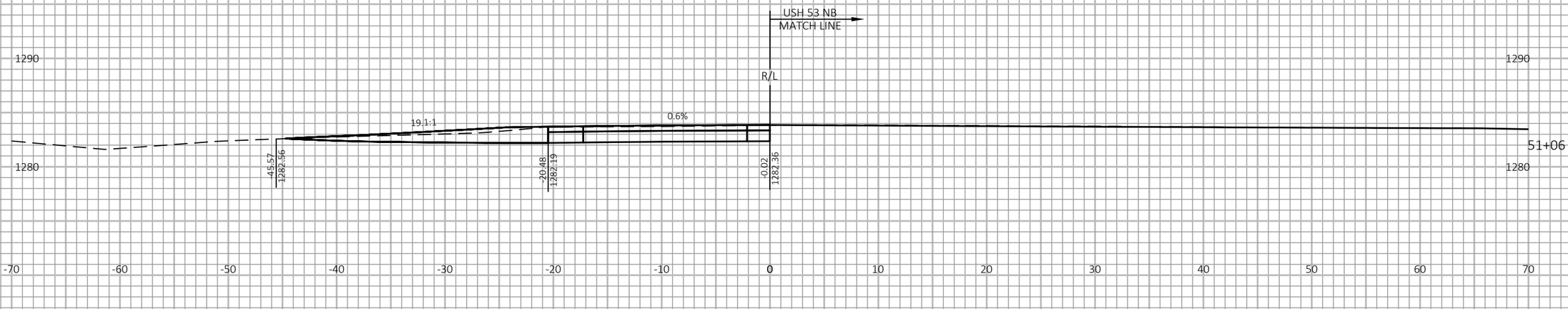
WISDOT/CADDS SHEET 49

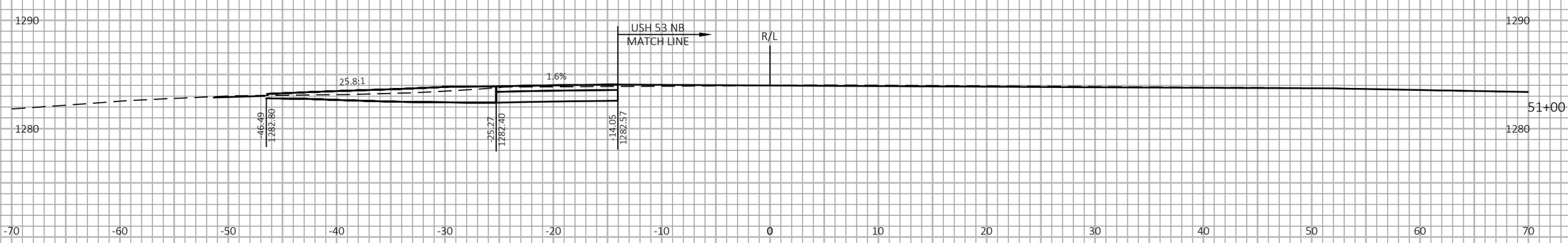
LEGEND

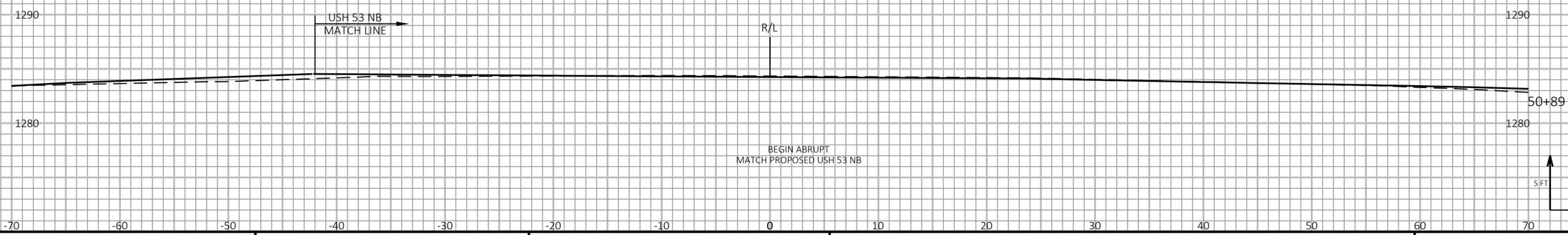
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - PIERCE RD - STAGE 2	SHEET 702	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090219-XS-S2.DWG
LAYOUT NAME - 01

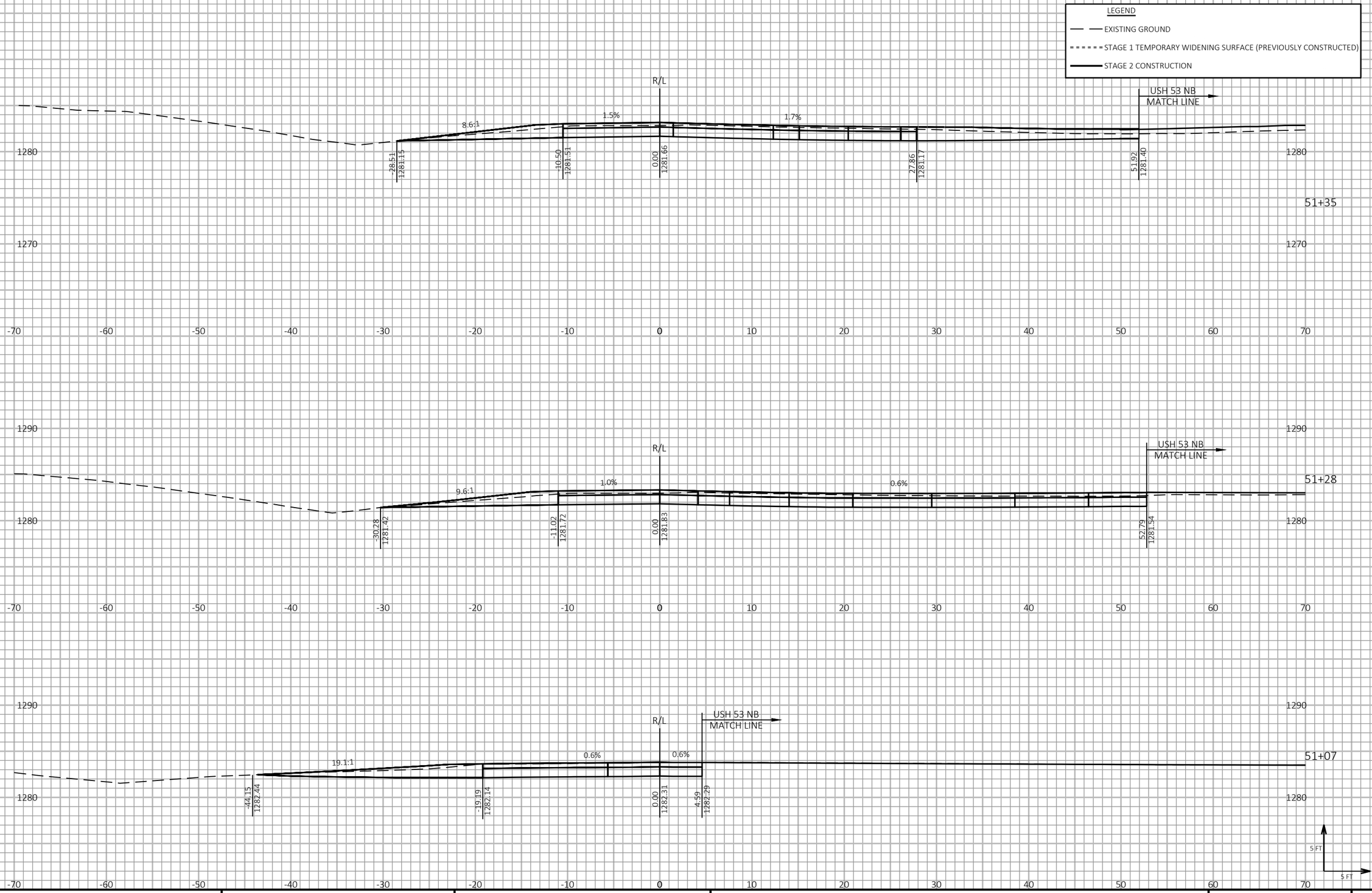
PLOT DATE : 1/27/2022 3:42 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - PIERCE RD - STAGE 2	SHEET 703	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090219-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 1/27/2022 3:42 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

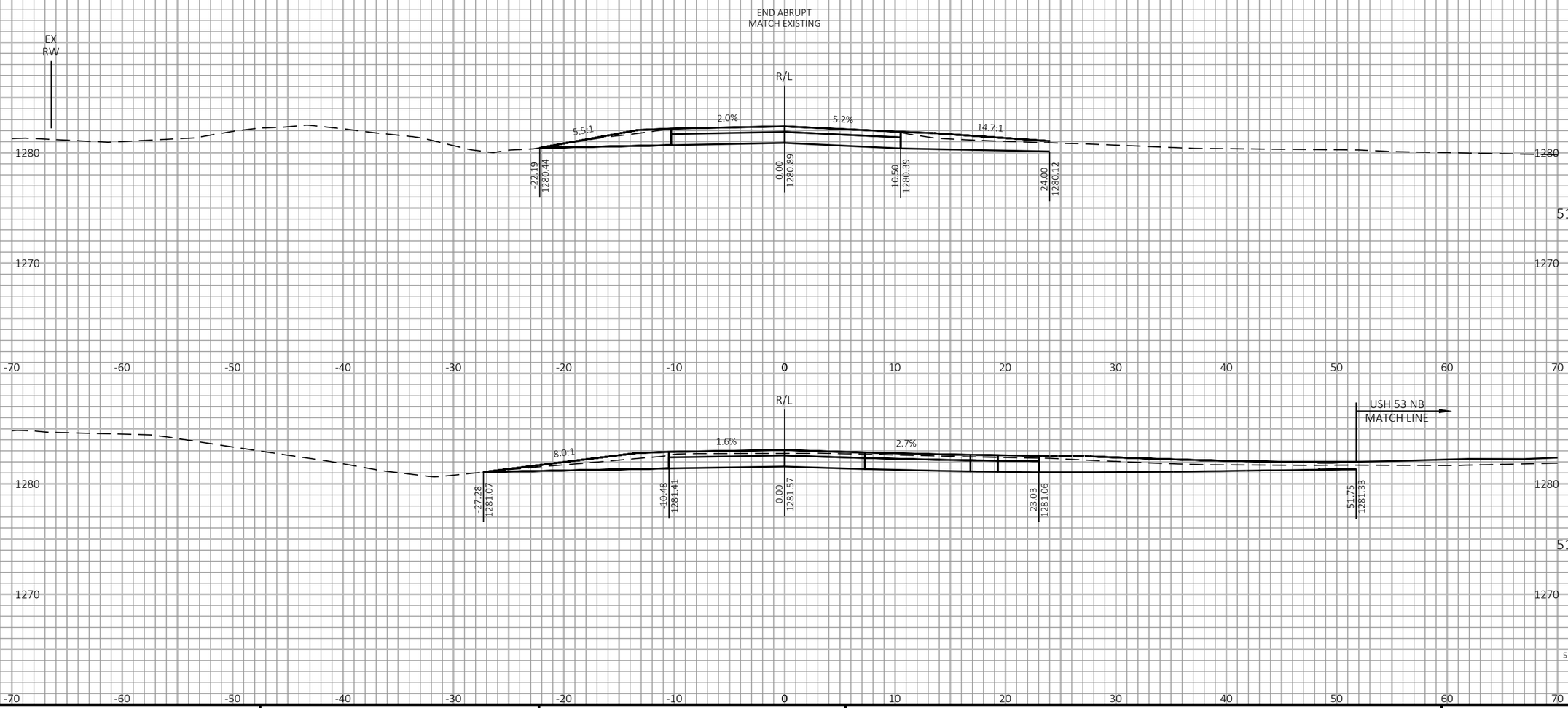
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - PIERCE RD - STAGE 2	SHEET 704	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090219-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 1/27/2022 3:42 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

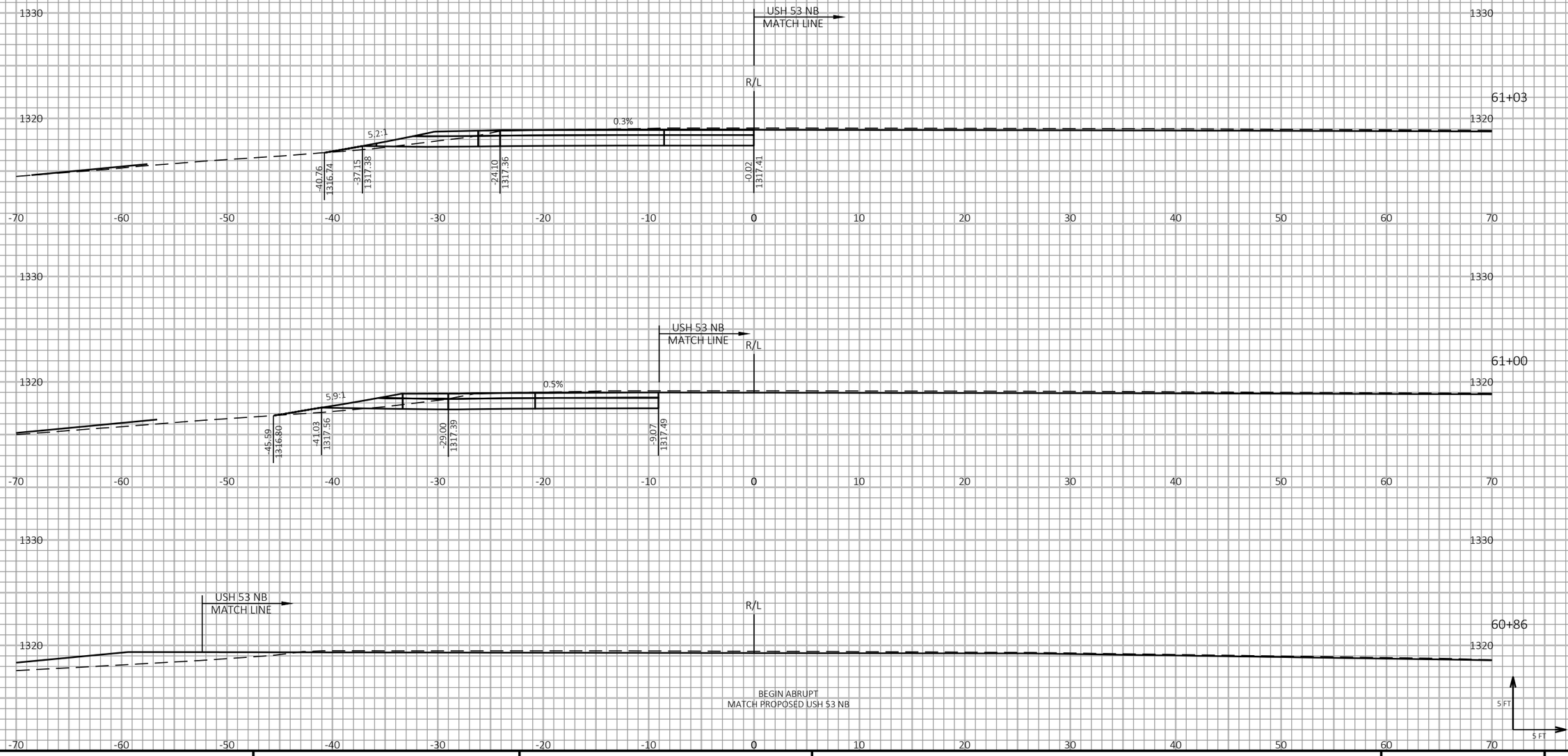
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - A & J RD - STAGE 2	SHEET 705	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090220-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 1/27/2022 3:26 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

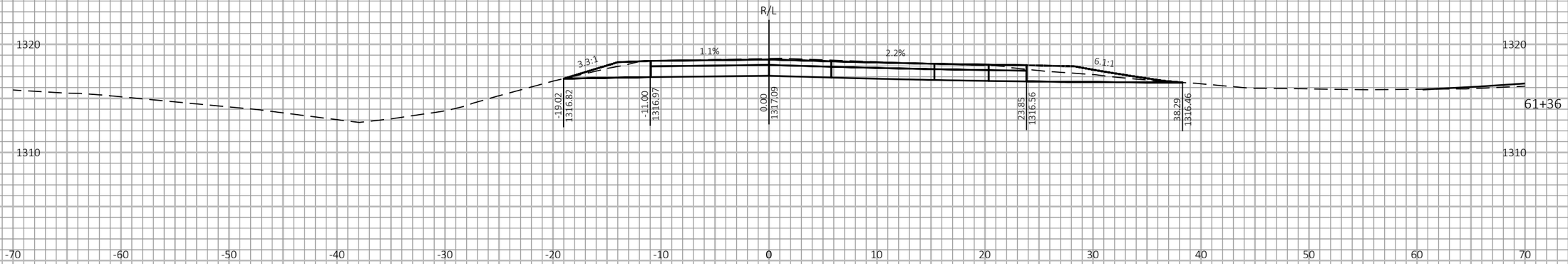
WISDOT/CADDS SHEET 49

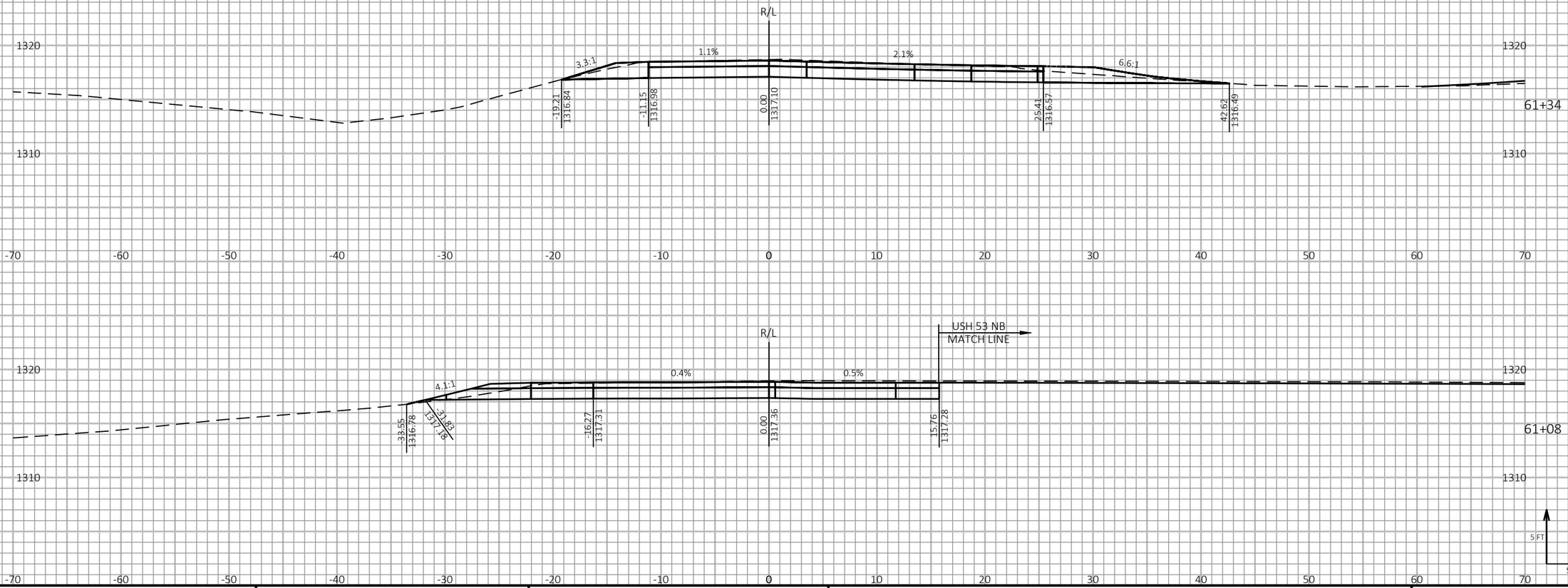
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - A & J RD - STAGE 2	SHEET 706	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090220-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 1/27/2022 3:27 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

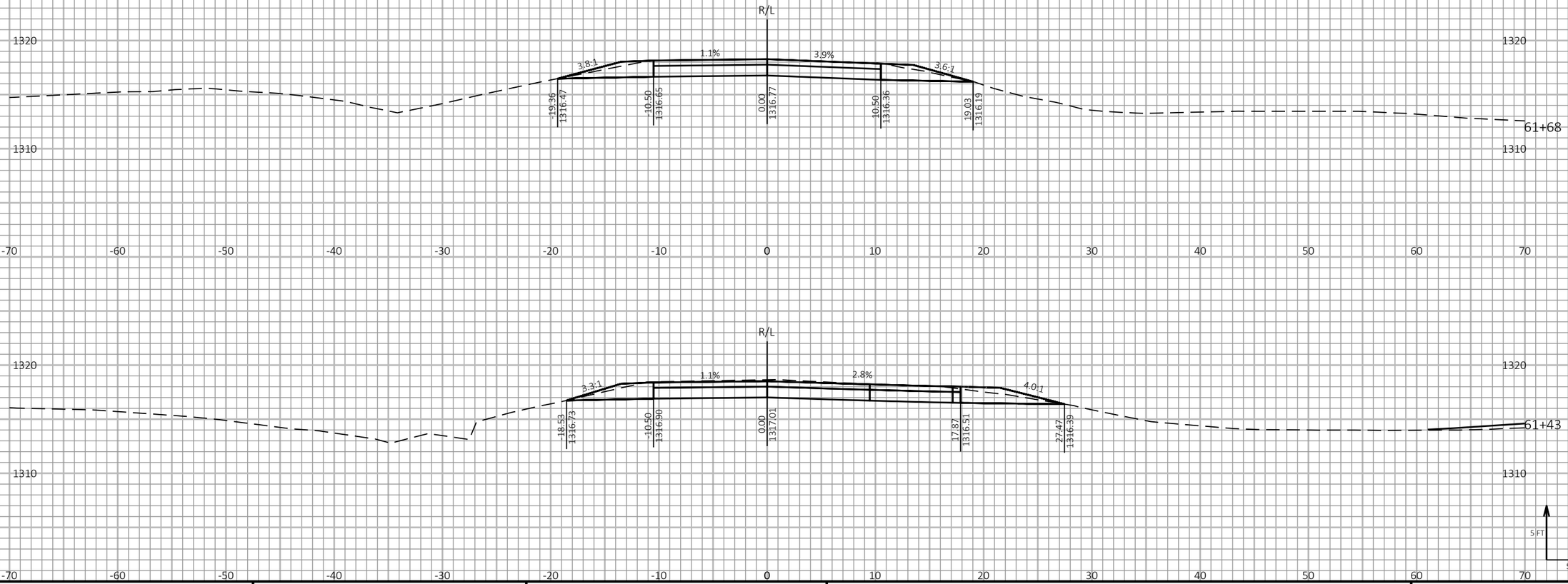
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

END ABRUPT
MATCH EXISTING



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - A & J RD - STAGE 2	SHEET 707	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090220-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 1/27/2022 3:27 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

USH 53 NB
MATCH LINE

R/L

74+02

10.2:1

0.0%

46.01
1338.49

26.68
1338.57

-1.11
1338.57

1350
1340
1330

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

USH 53 NB
MATCH LINE

R/L

74+00

11.6:1

0.0%

50.50
1338.53

28.76
1338.60

-8.06
1338.60

1350
1340
1330

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

USH 53 NB
MATCH LINE

R/L

73+87

1350
1340
1330

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

BEGIN ABRUPT
MATCH PROPOSED USH 53 NB

5 FT
5 FT

9

9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - LONG LAKE AVE - STAGE 2	SHEET 708	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 1/27/2022 3:44 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

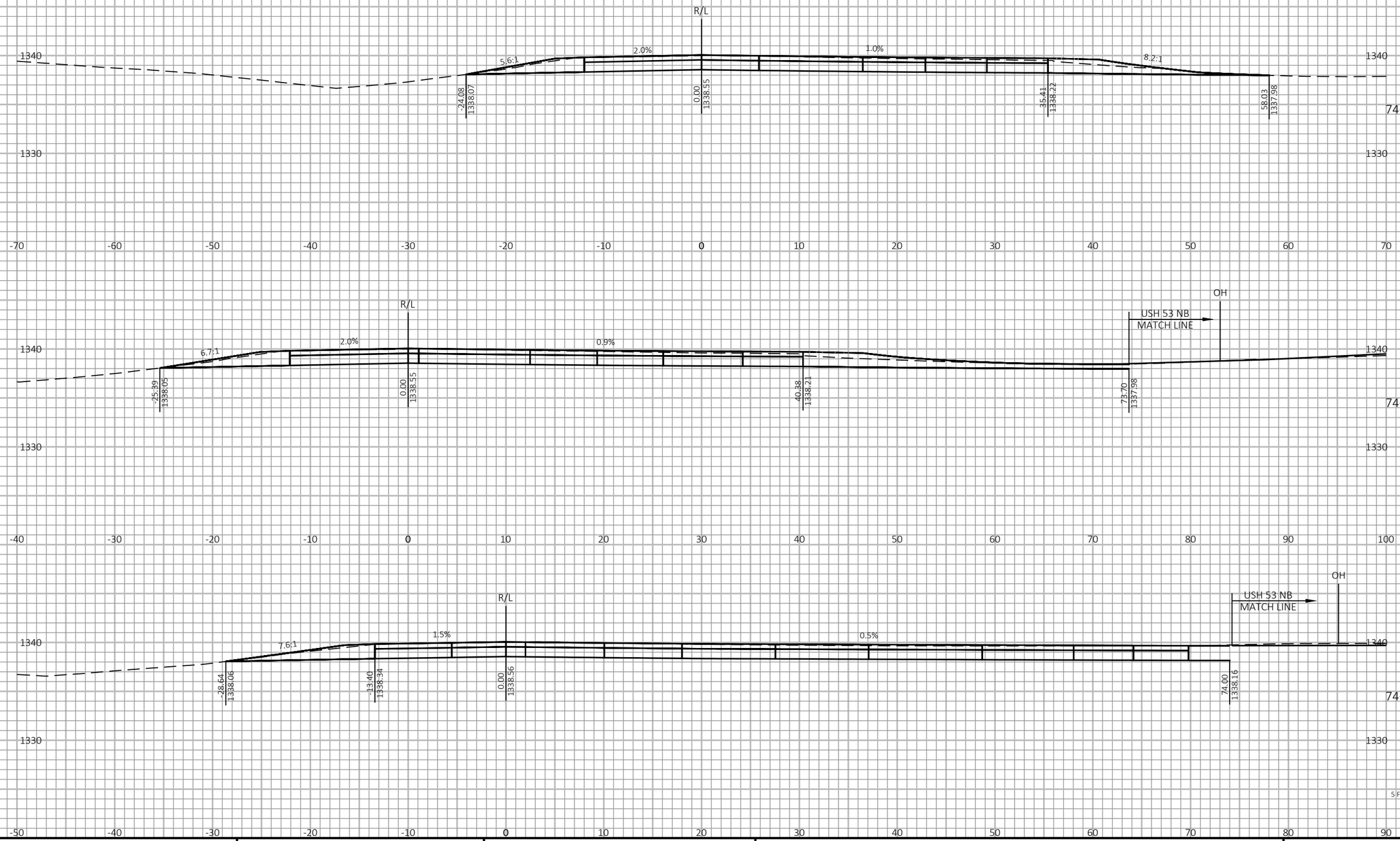
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - LONG LAKE AVE - STAGE 2	SHEET 709	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 1/27/2022 3:45 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

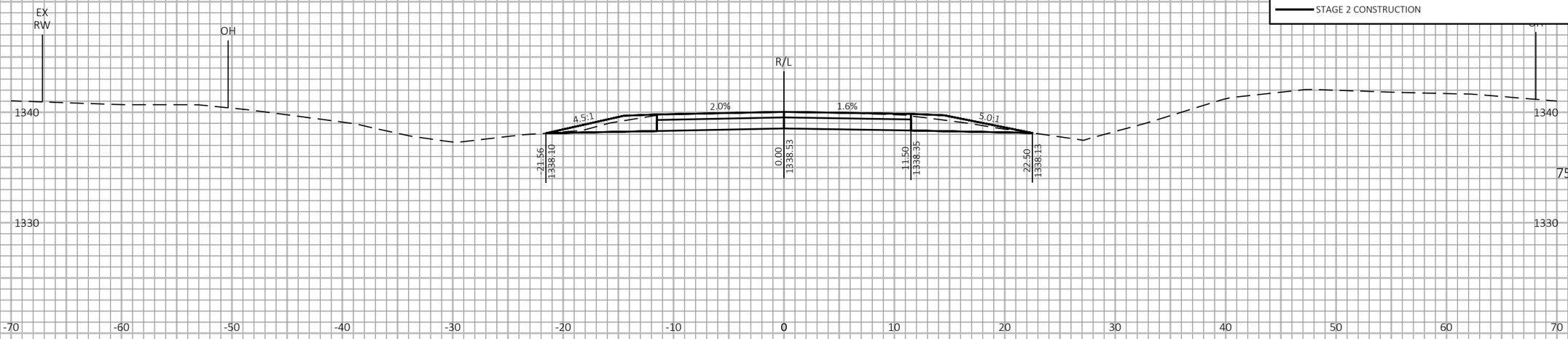
WISDOT/CADDS SHEET 49

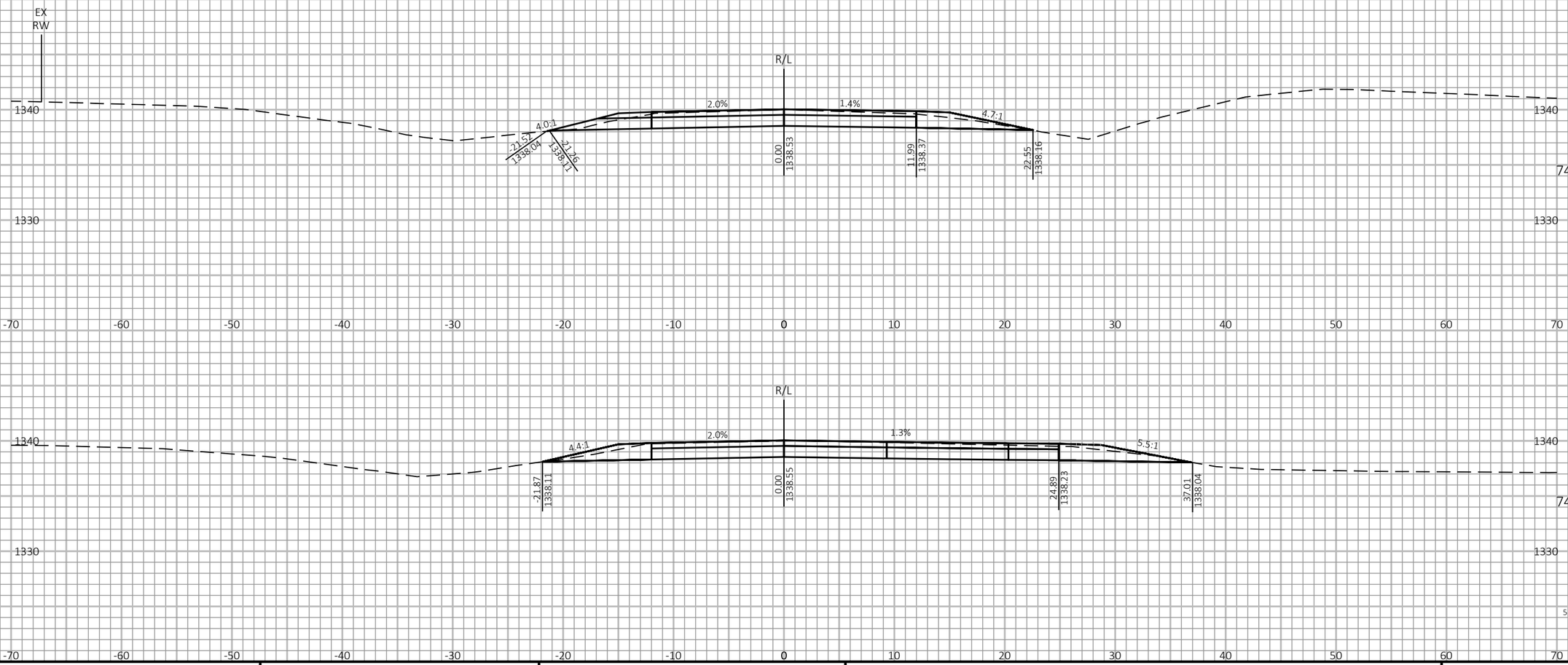
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - LONG LAKE AVE - STAGE 2	SHEET 710	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 1/27/2022 3:45 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

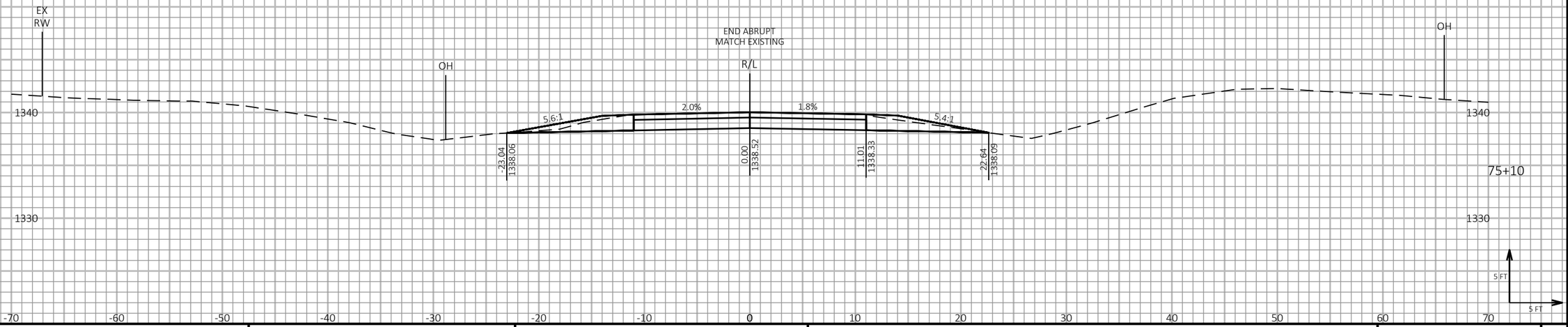
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - LONG LAKE AVE - STAGE 2	SHEET 711	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 1/27/2022 3:45 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

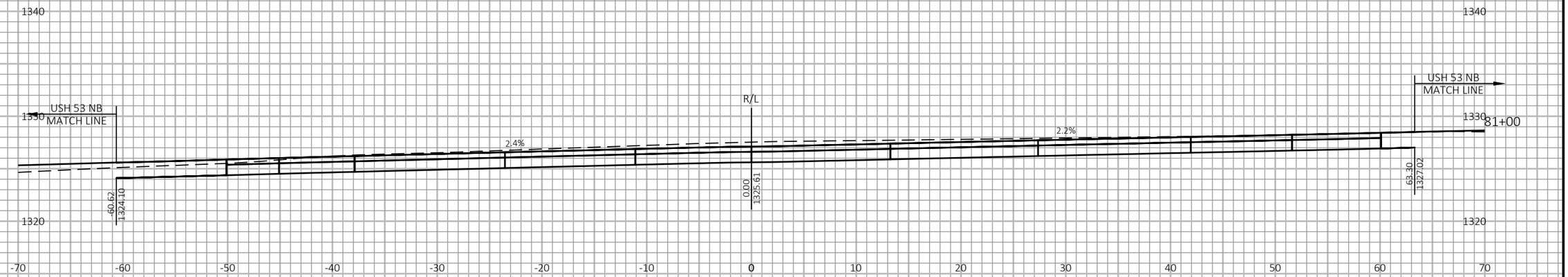
WISDOT/CADDS SHEET 49

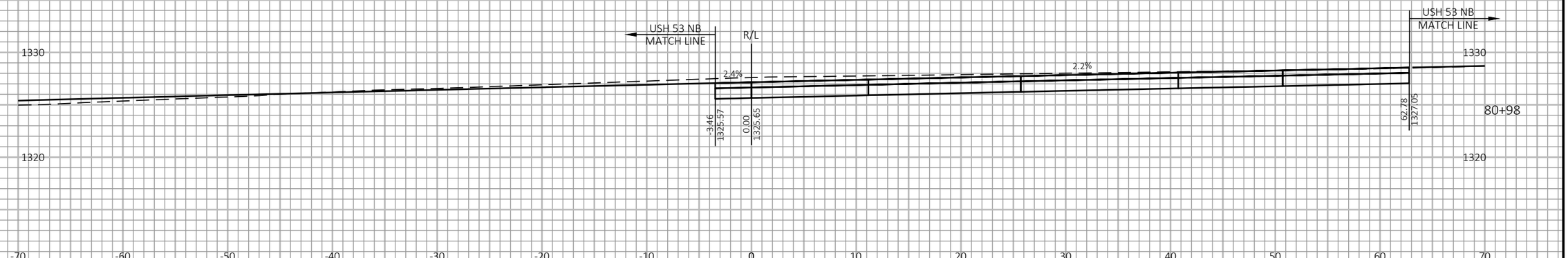
LEGEND

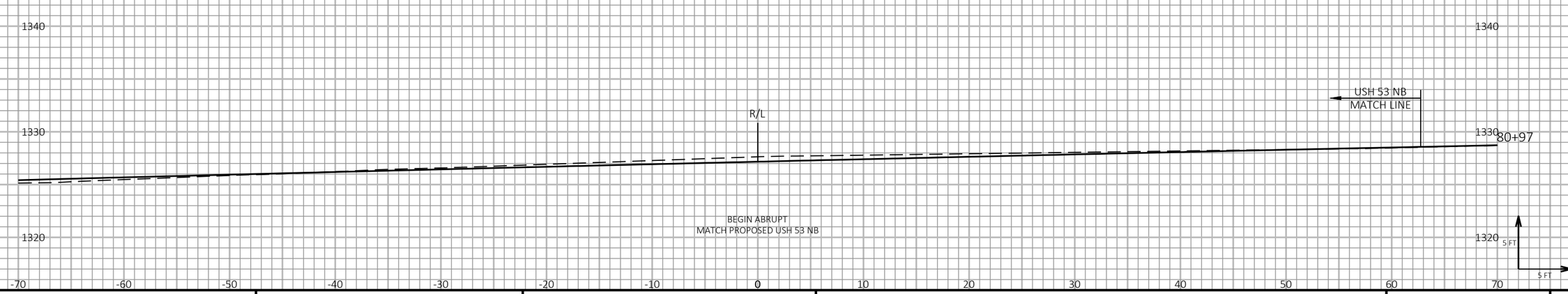
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - DUCK POND RD - STAGE 2	SHEET 712	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090222-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 1/27/2022 3:49 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

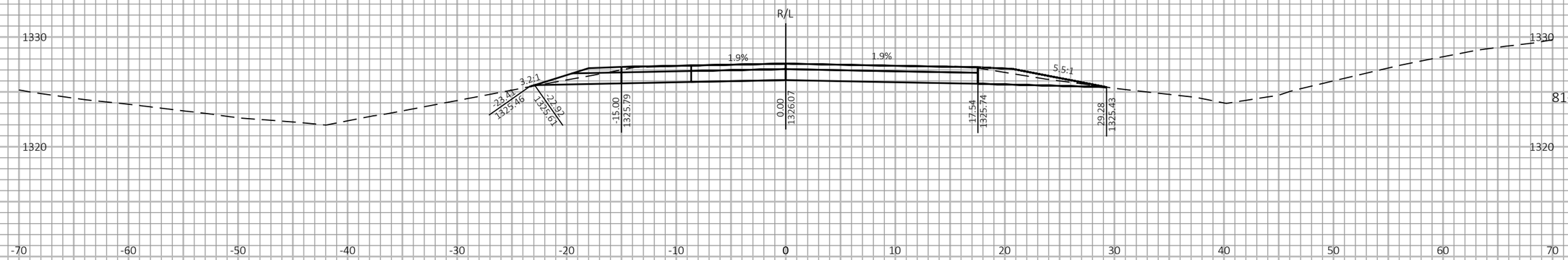
WISDOT/CADDS SHEET 49

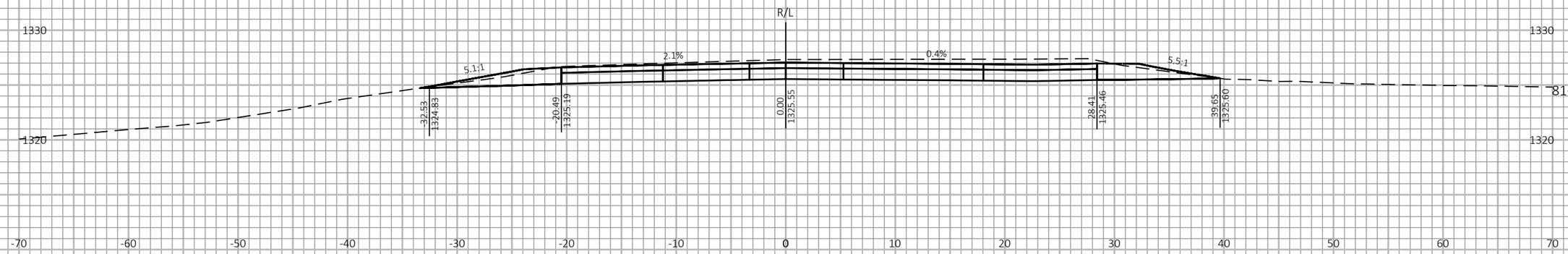
LEGEND

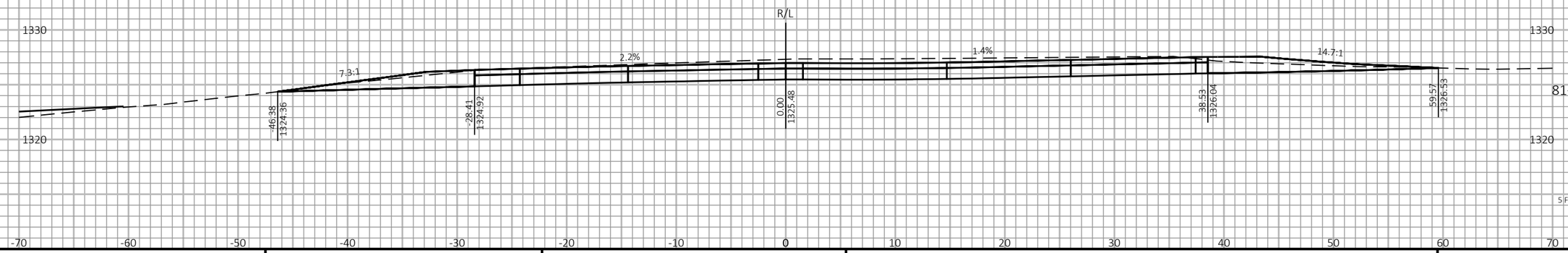
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - DUCK POND RD - STAGE 2	SHEET 713	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090222-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 1/27/2022 3:49 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

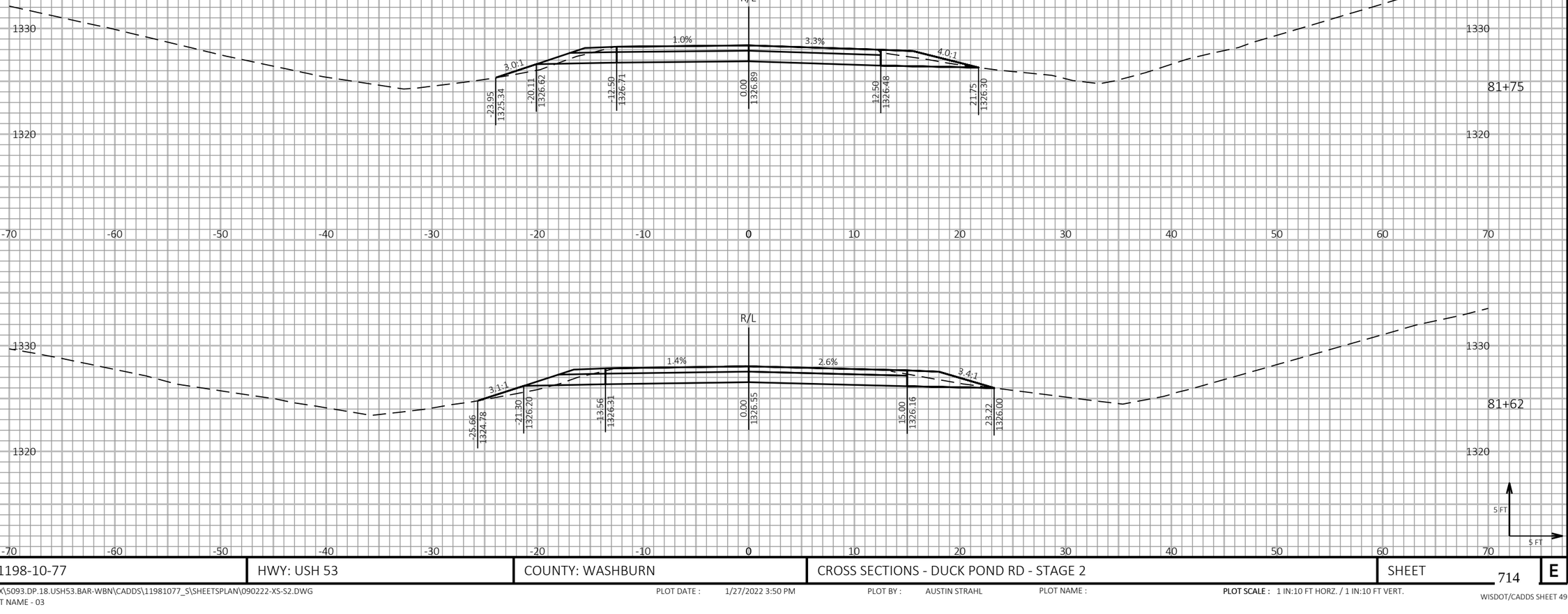
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

END ABRUPT
MATCH EXISTING



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - DUCK POND RD - STAGE 2	SHEET 714	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090222-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 1/27/2022 3:50 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

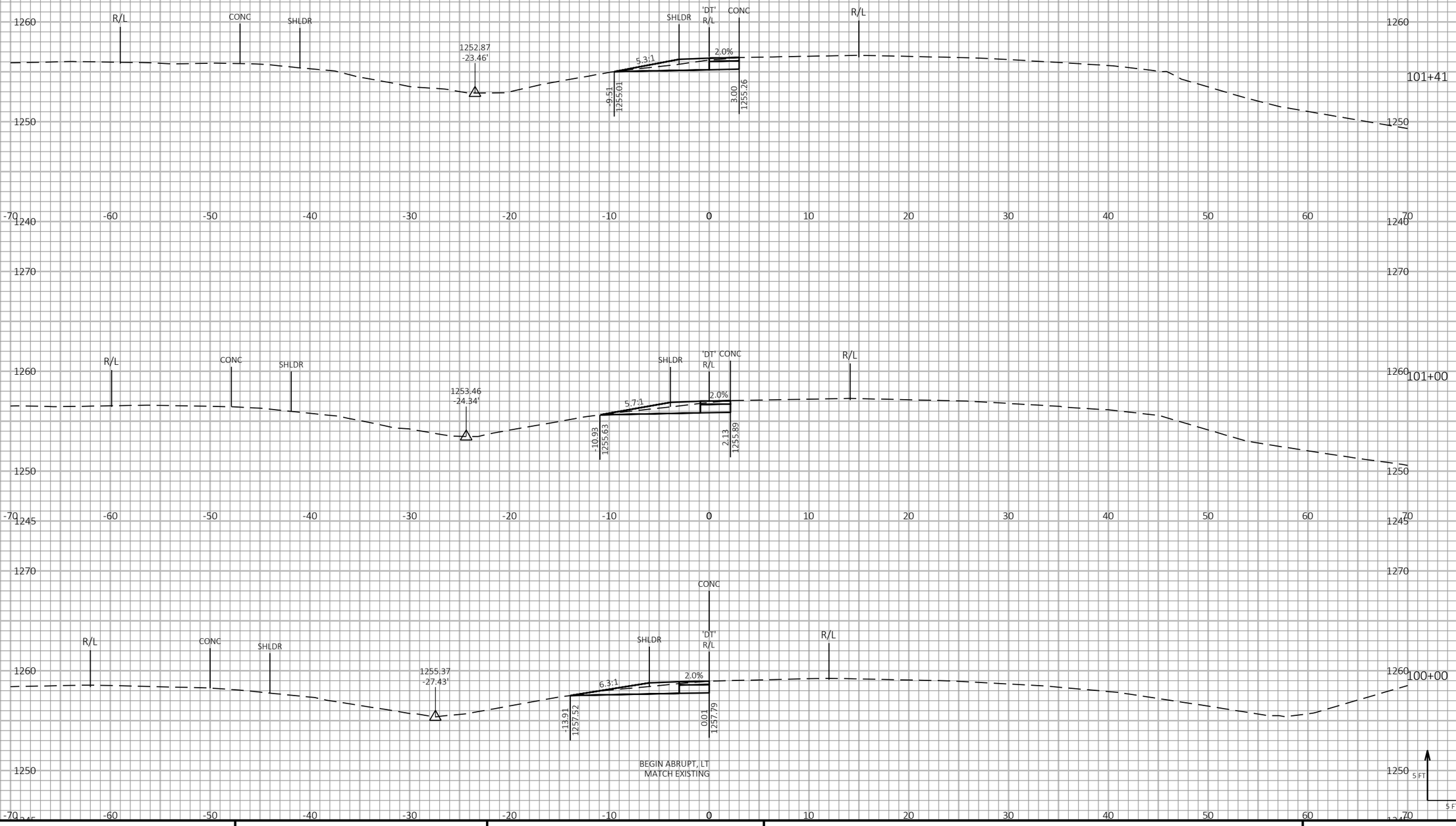
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 715	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090223-XS-S3.DWG
LAYOUT NAME - 01

PLOT DATE : 4/21/2022 11:55 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

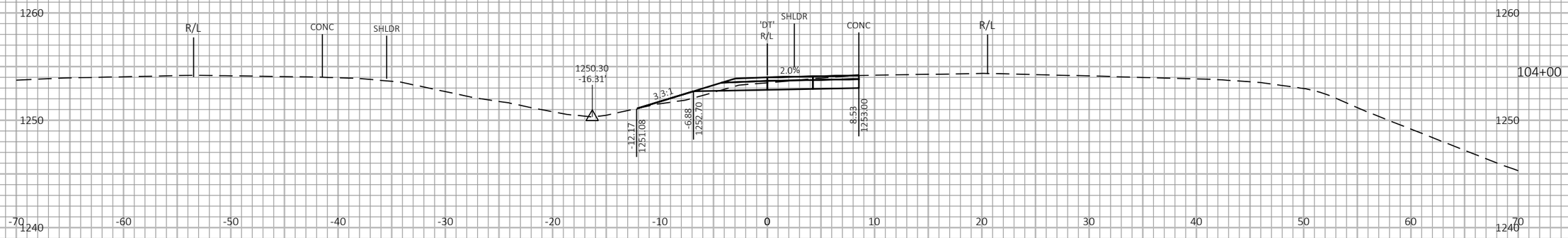
WISDOT/CADDS SHEET 49

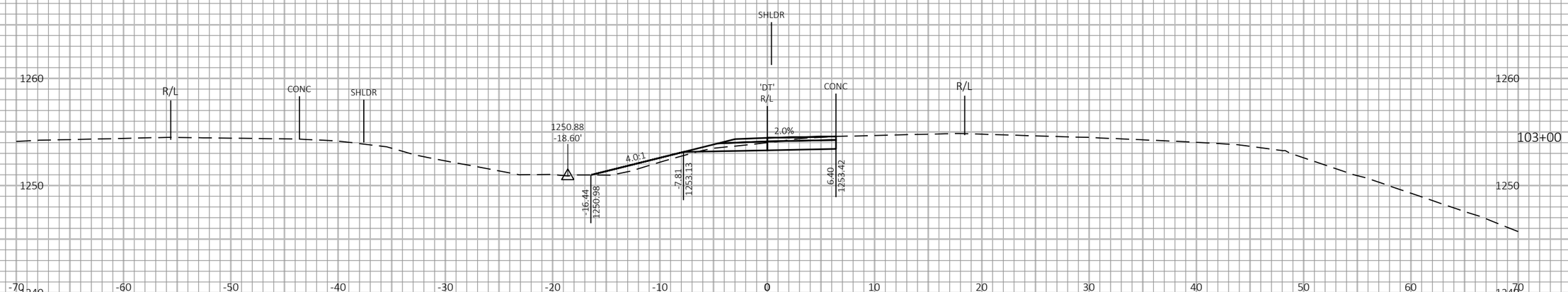
LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 716	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090223-XS-S3.DWG
LAYOUT NAME - 02

PLOT DATE : 4/21/2022 11:55 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

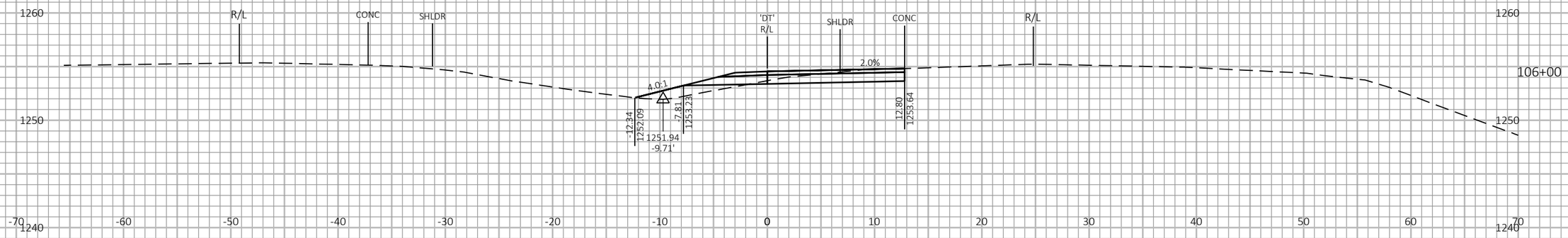
WISDOT/CADDS SHEET 49

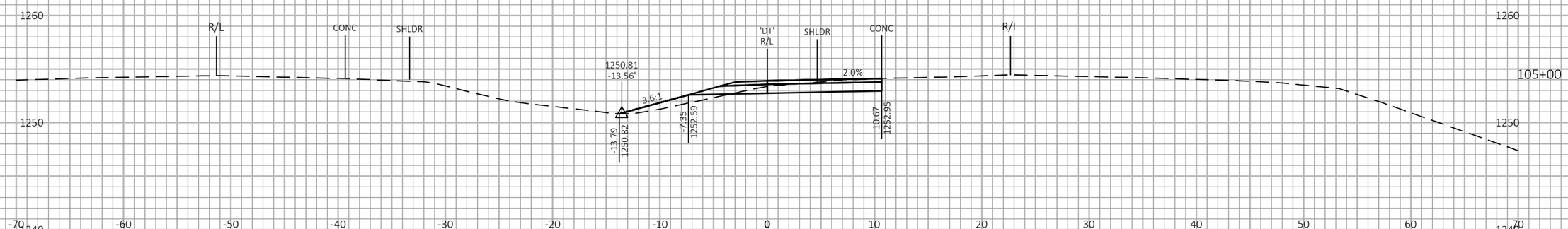
LEGEND

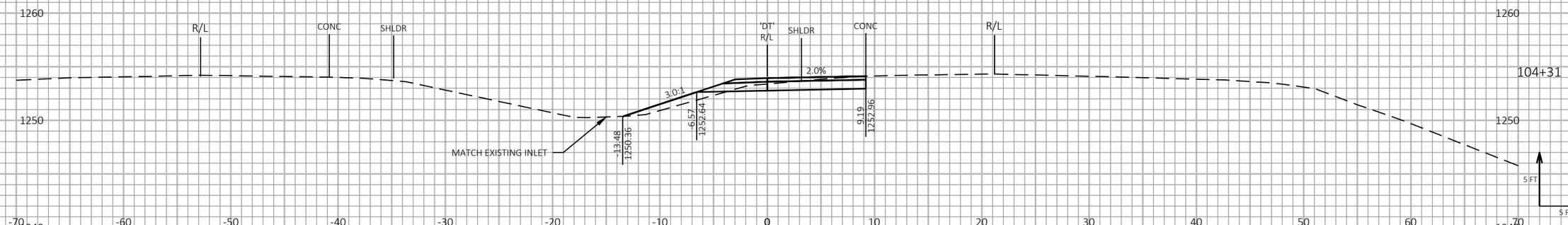
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 717	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090223-XS-S3.DWG
LAYOUT NAME - 03

PLOT DATE : 4/21/2022 11:55 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

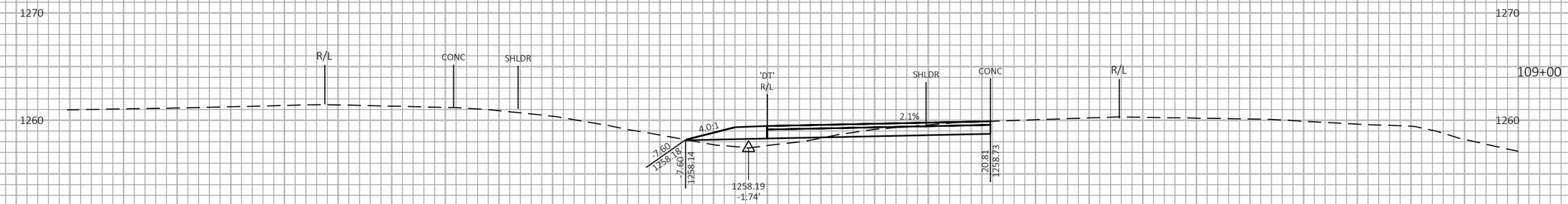
WISDOT/CADDS SHEET 49

LEGEND

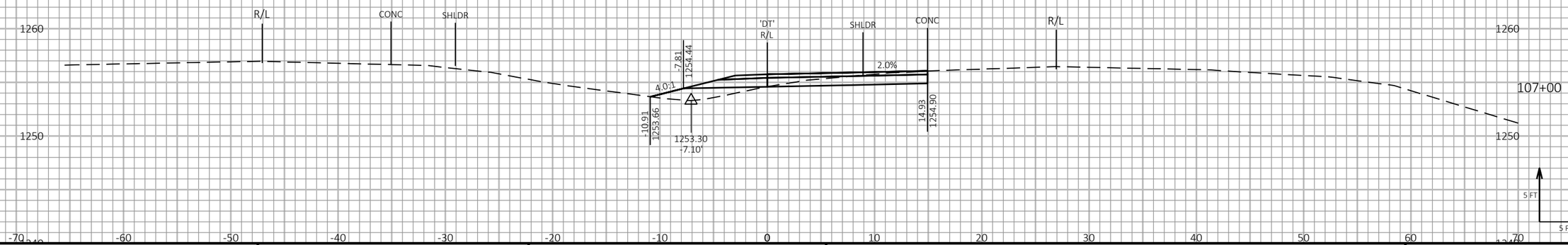
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 718	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090223-XS-S3.DWG
LAYOUT NAME - 04

PLOT DATE : 4/21/2022 11:55 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

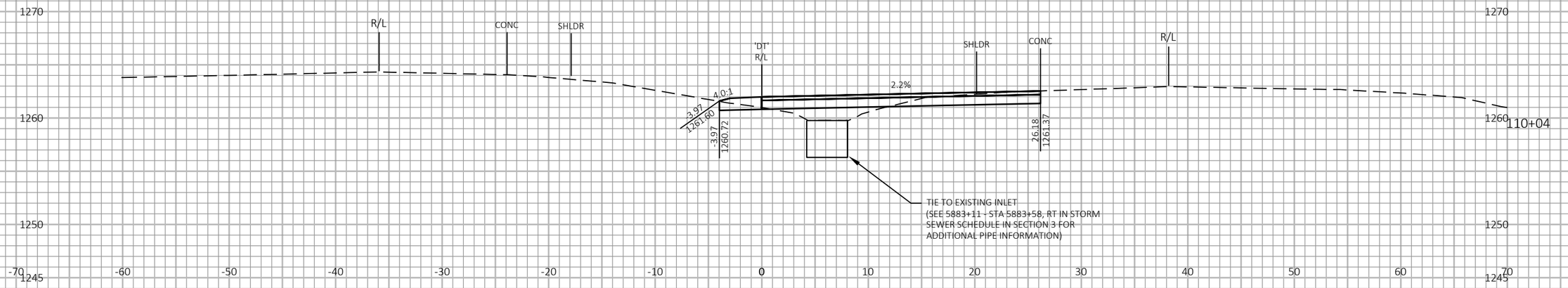
WISDOT/CADDS SHEET 49

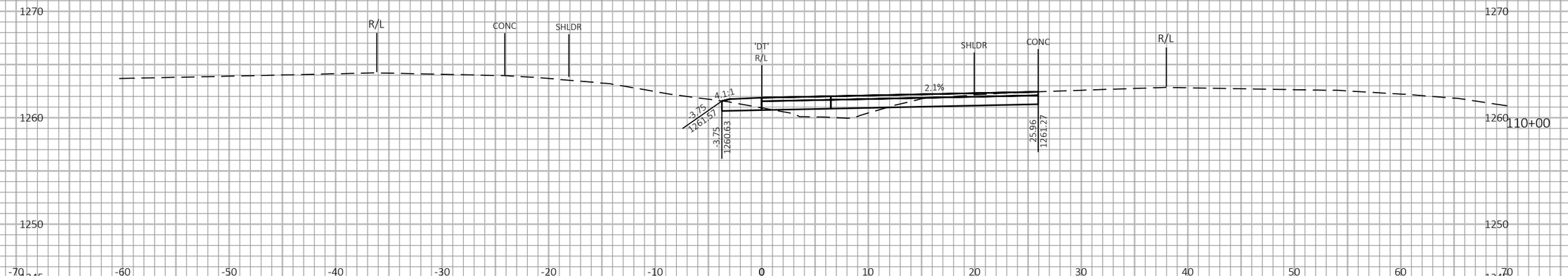
LEGEND

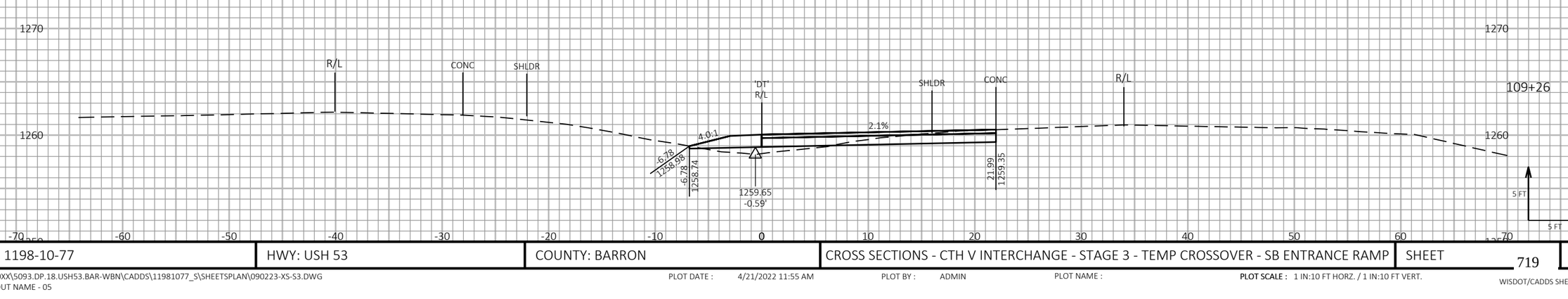
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 719	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090223-XS-S3.DWG
LAYOUT NAME - 05

PLOT DATE : 4/21/2022 11:55 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

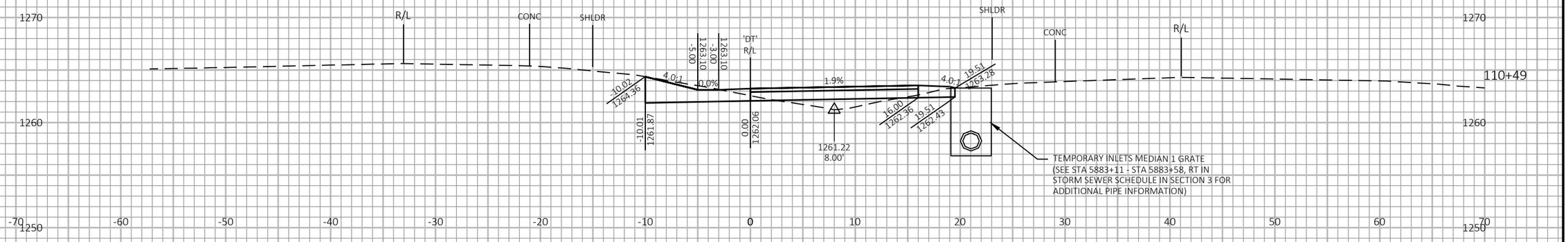
WISDOT/CADDS SHEET 49

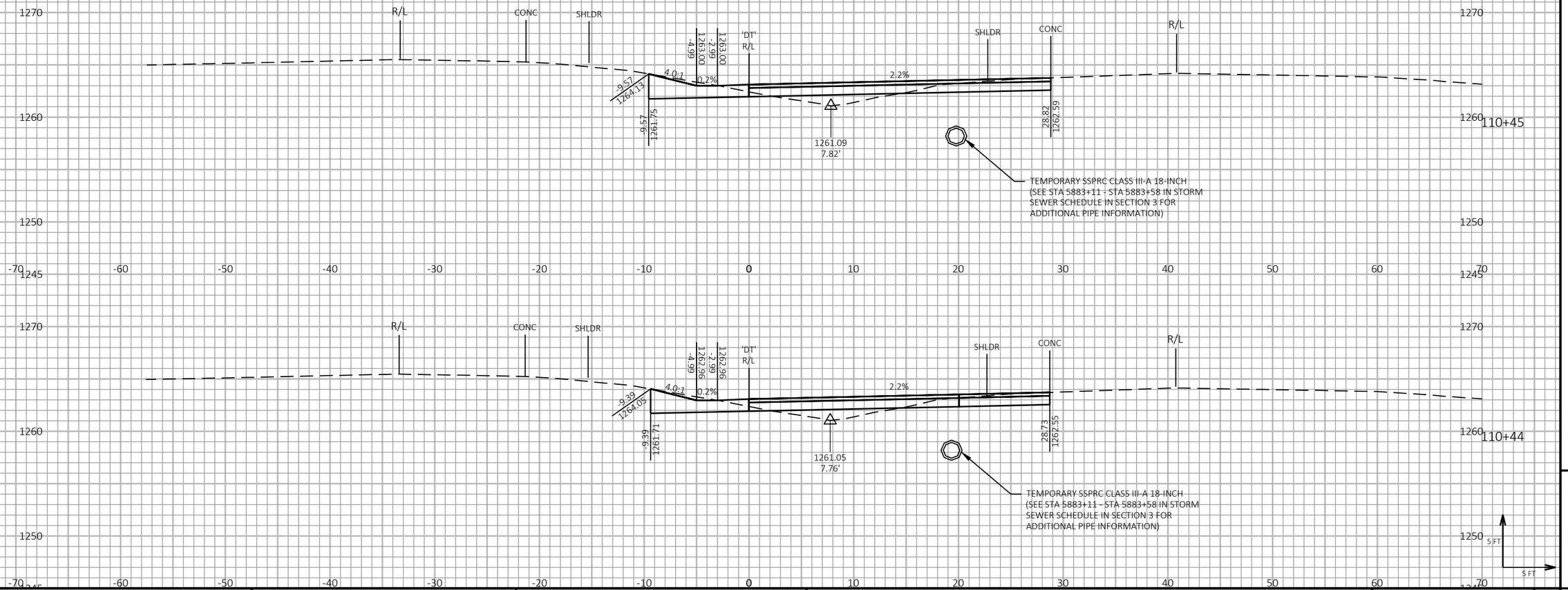
LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 720	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090223-XS-S3.DWG
LAYOUT NAME - 06

PLOT DATE : 4/21/2022 11:55 AM PLOT BY : ADMIN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

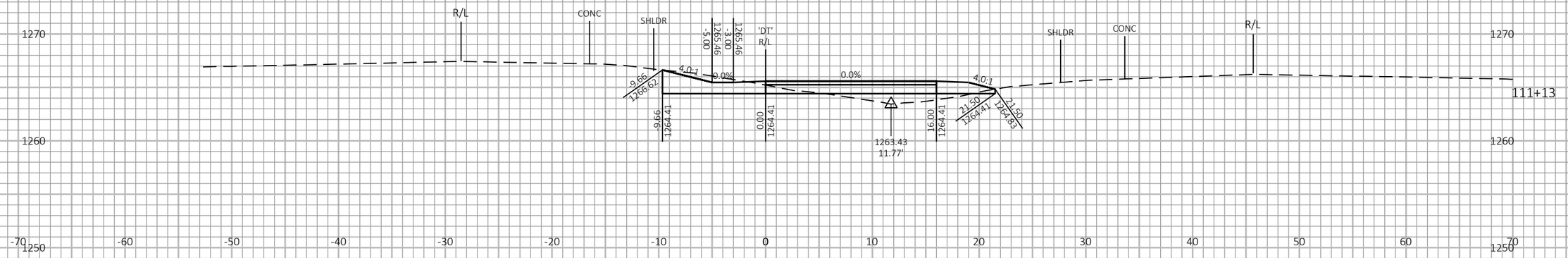
WISDOT/CADDS SHEET 49

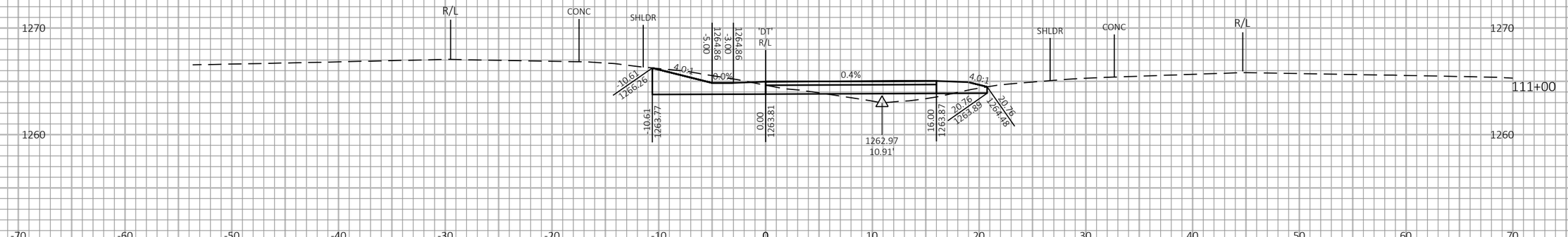
LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 721	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090223-XS-S3.DWG
LAYOUT NAME - 07

PLOT DATE : 4/21/2022 11:55 AM

PLOT BY : ADMIN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

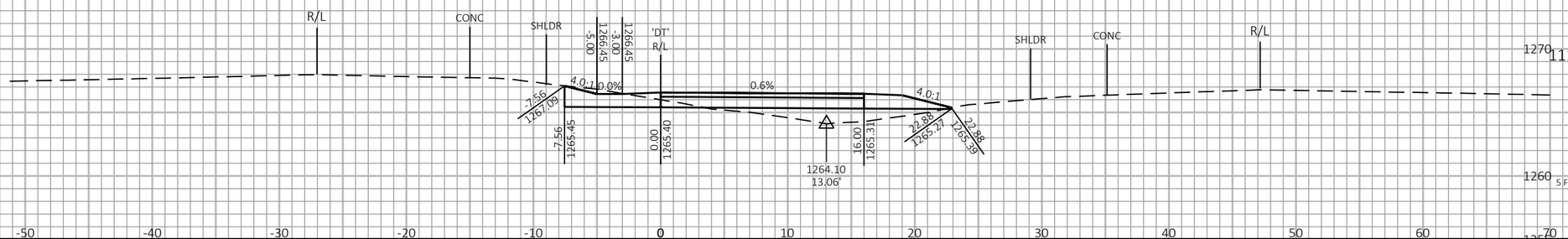
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 722	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090223-XS-S3.DWG
LAYOUT NAME - 08

PLOT DATE : 4/21/2022 11:55 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

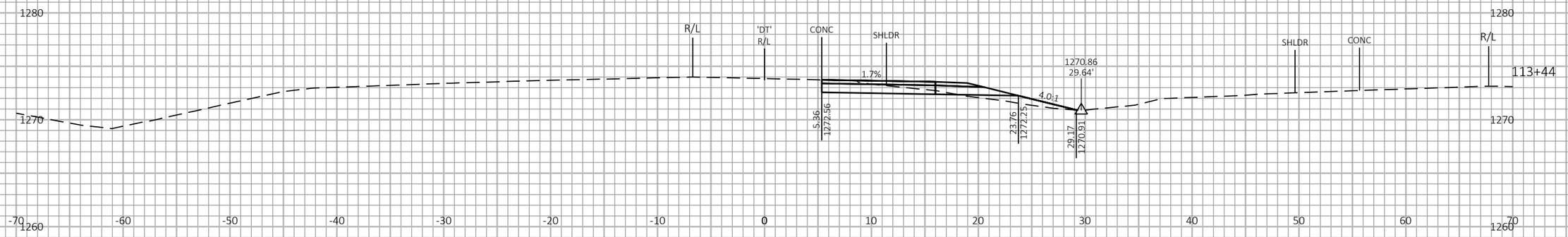
WISDOT/CADDS SHEET 49

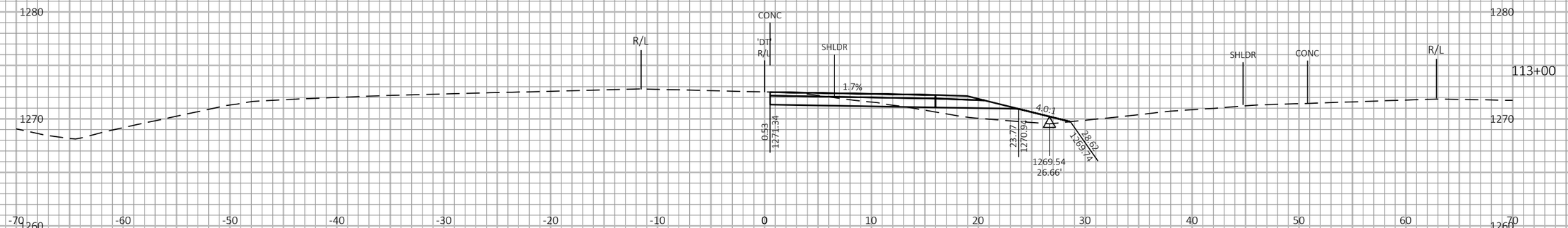
LEGEND

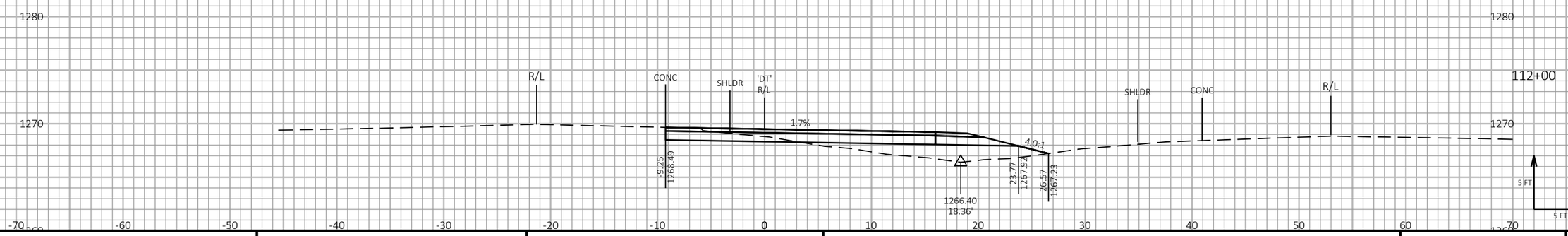
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 723	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090223-XS-S3.DWG
LAYOUT NAME - 09

PLOT DATE : 4/21/2022 11:56 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

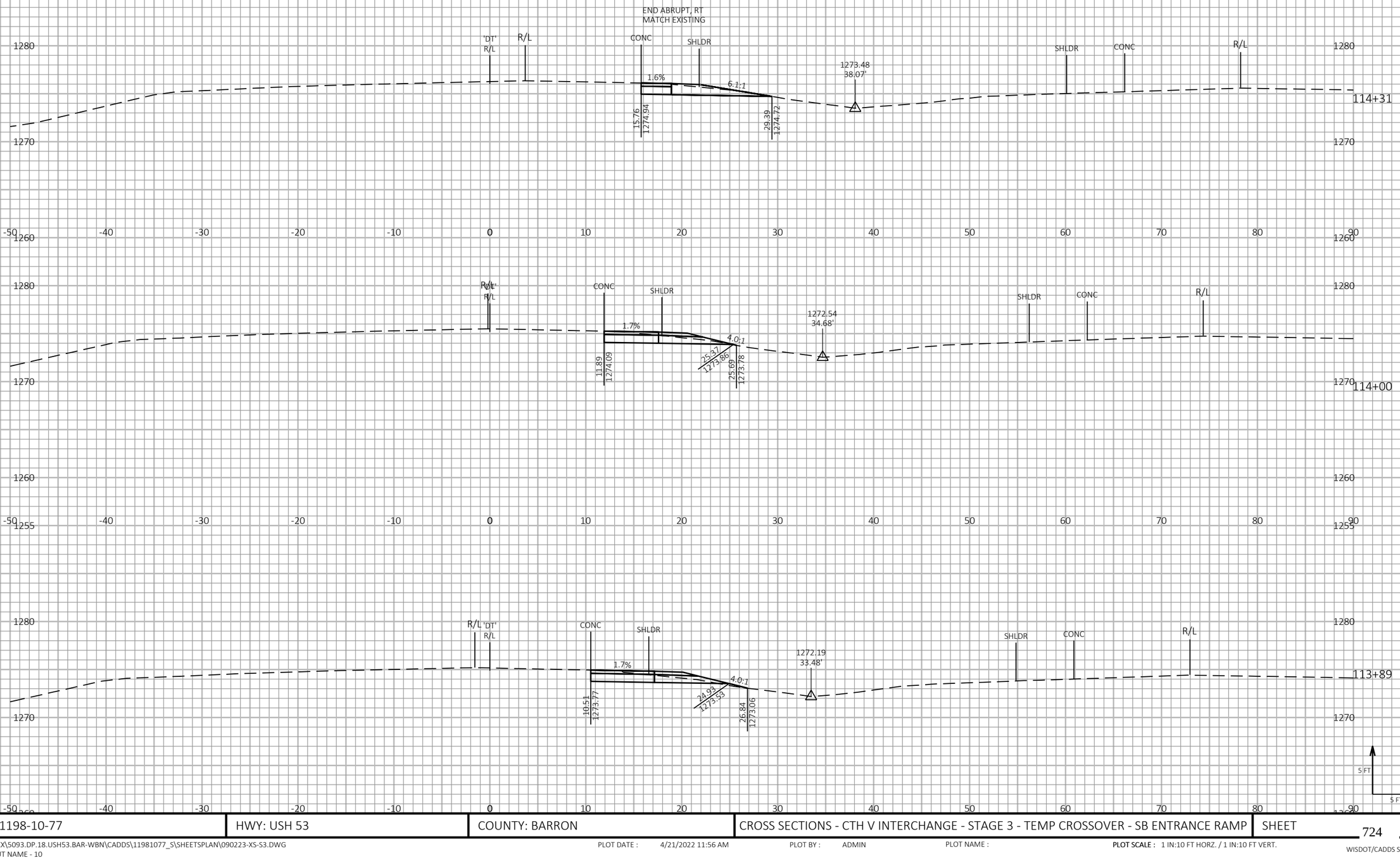
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 724	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090223-XS-S3.DWG
LAYOUT NAME - 10

PLOT DATE : 4/21/2022 11:56 AM PLOT BY : ADMIN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9

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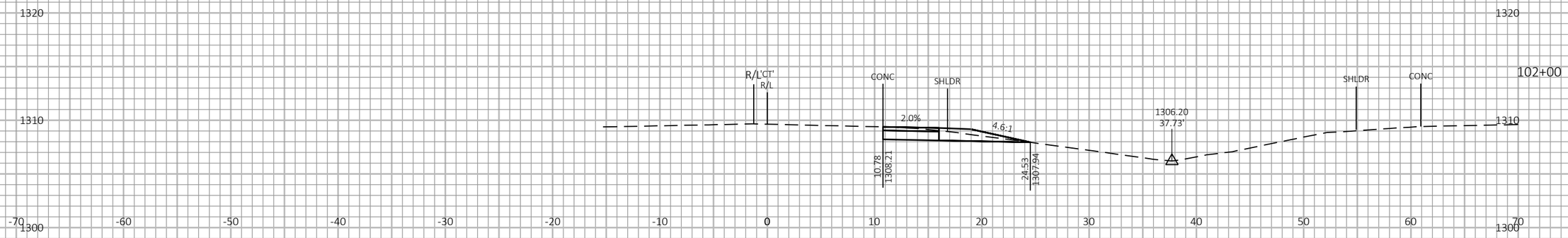
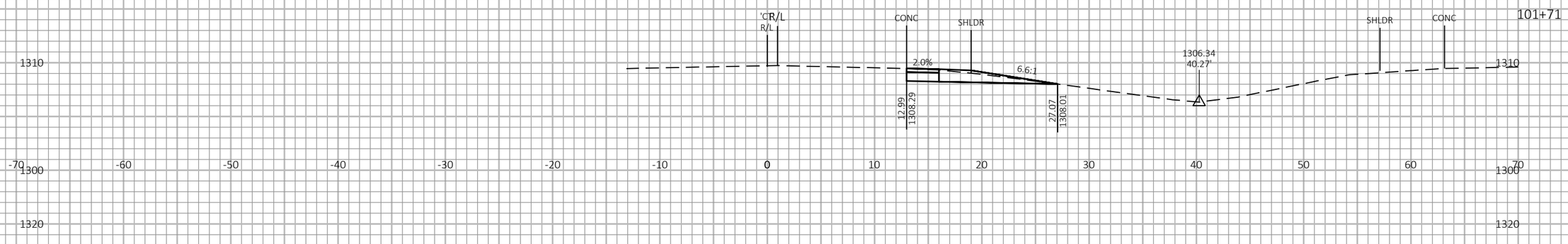
LEGEND

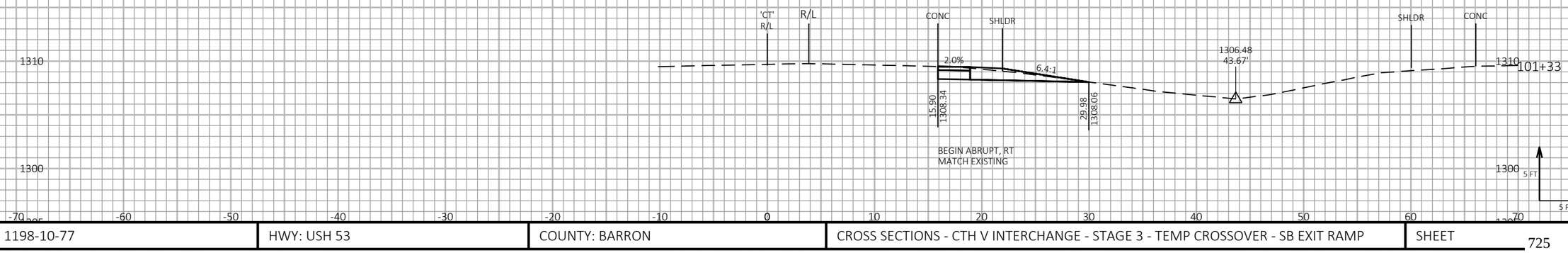
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 725	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090224-XS-S3.DWG
LAYOUT NAME - 01

PLOT DATE : 4/21/2022 11:57 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

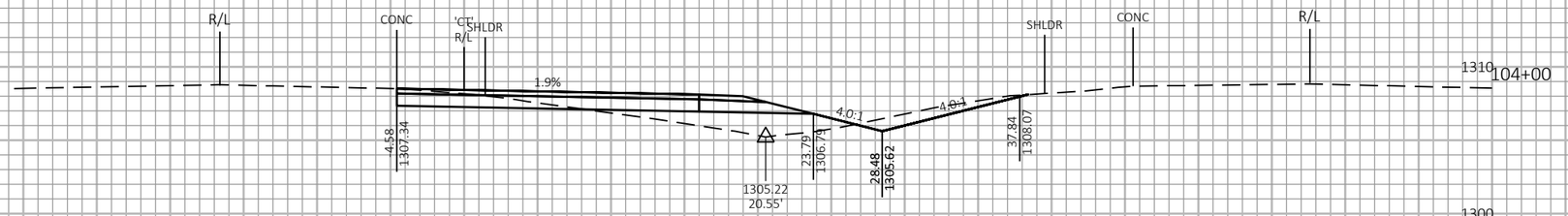
WISDOT/CADDS SHEET 49

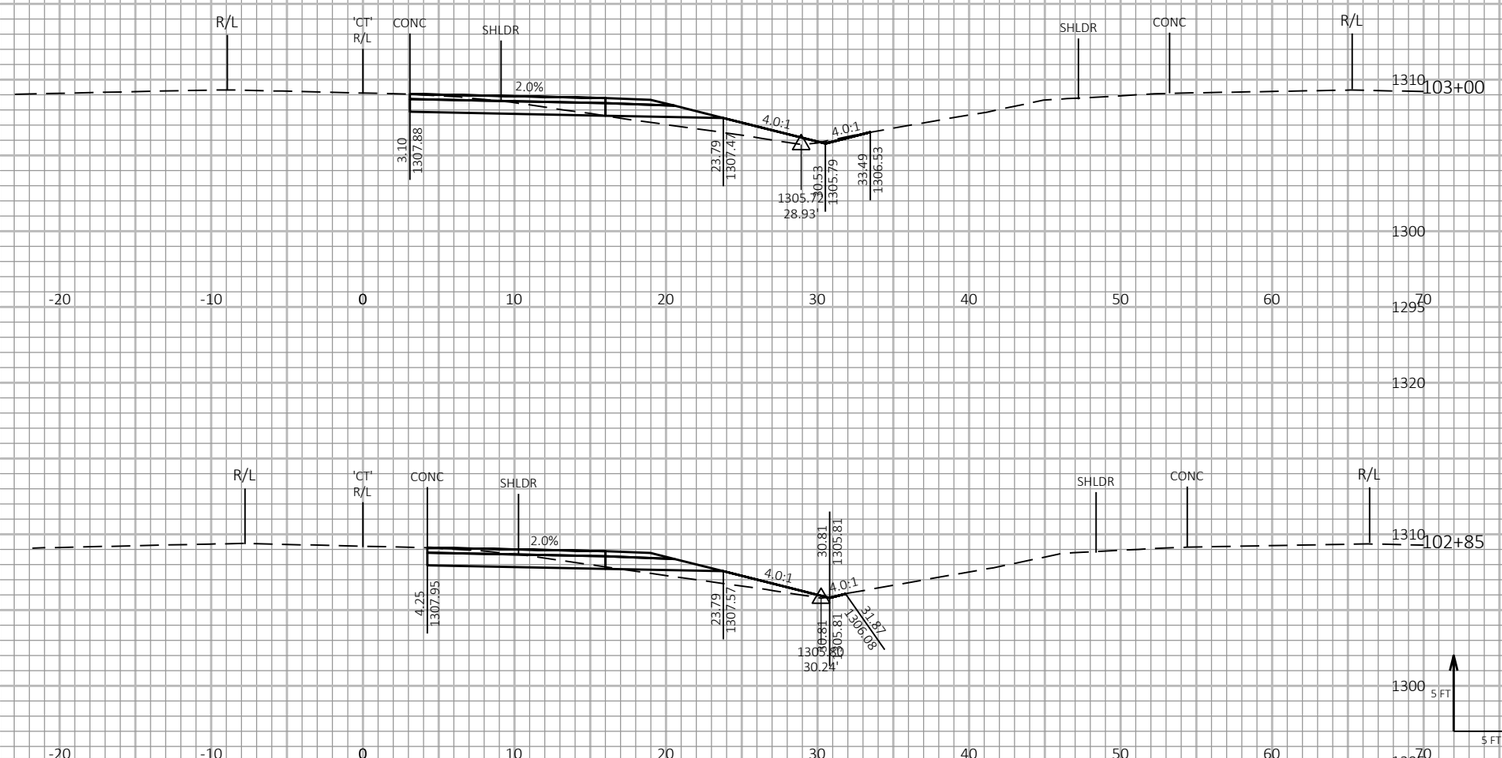
LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 726	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090224-XS-S3.DWG
LAYOUT NAME - 02

PLOT DATE : 4/21/2022 11:58 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

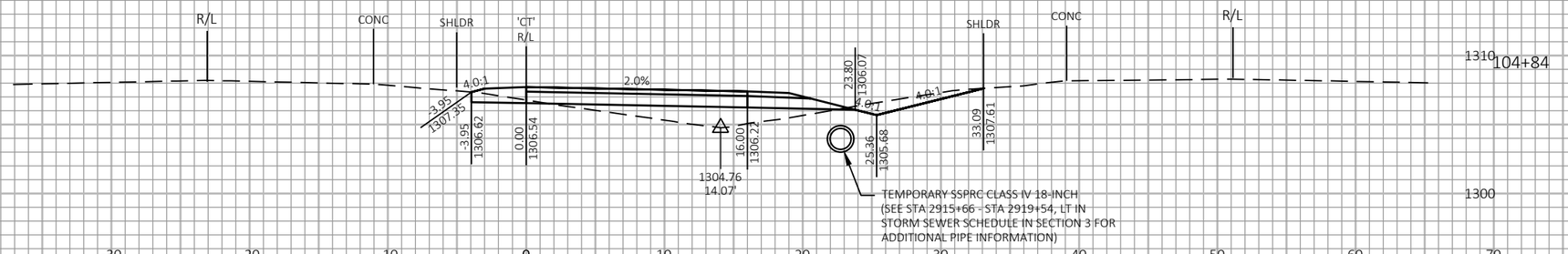
WISDOT/CADDS SHEET 49

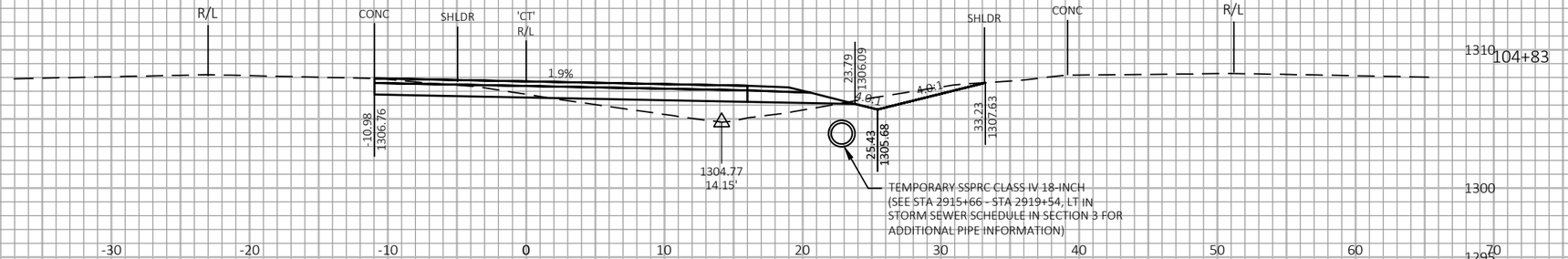
LEGEND

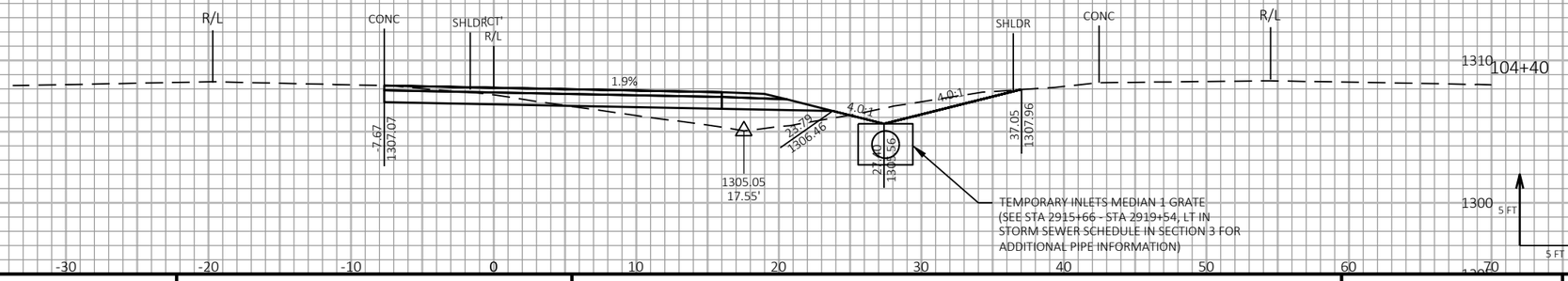
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 727	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090224-XS-S3.DWG
LAYOUT NAME - 03

PLOT DATE : 4/21/2022 11:58 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

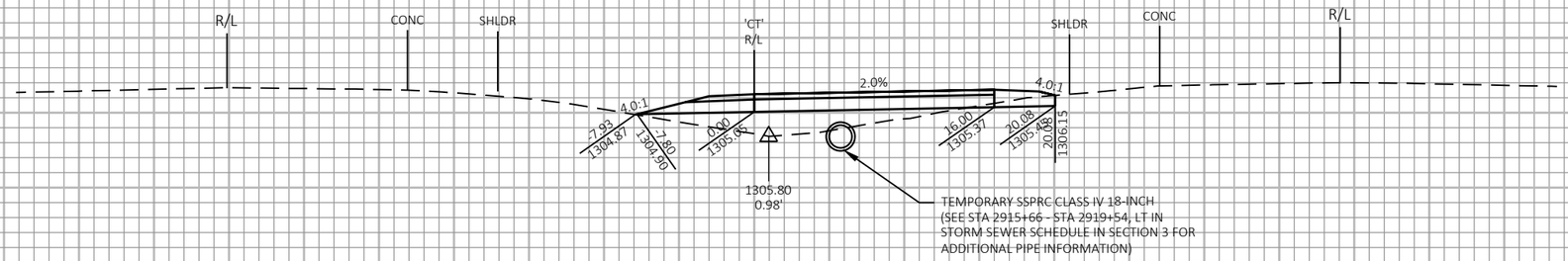
WISDOT/CADDS SHEET 49

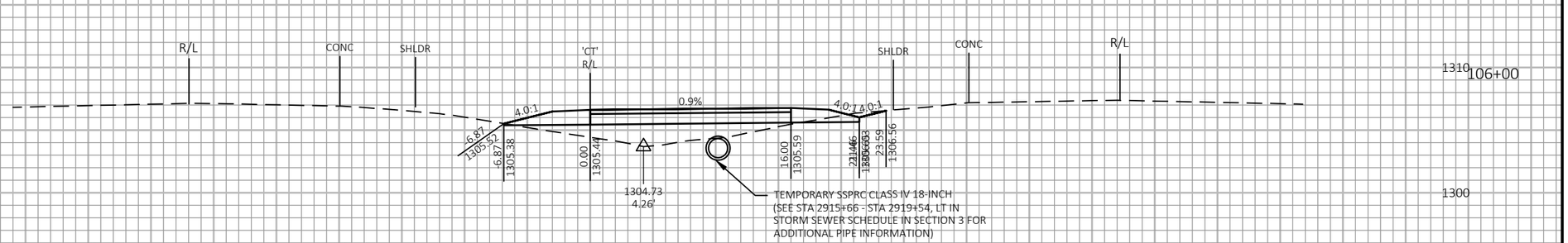
LEGEND

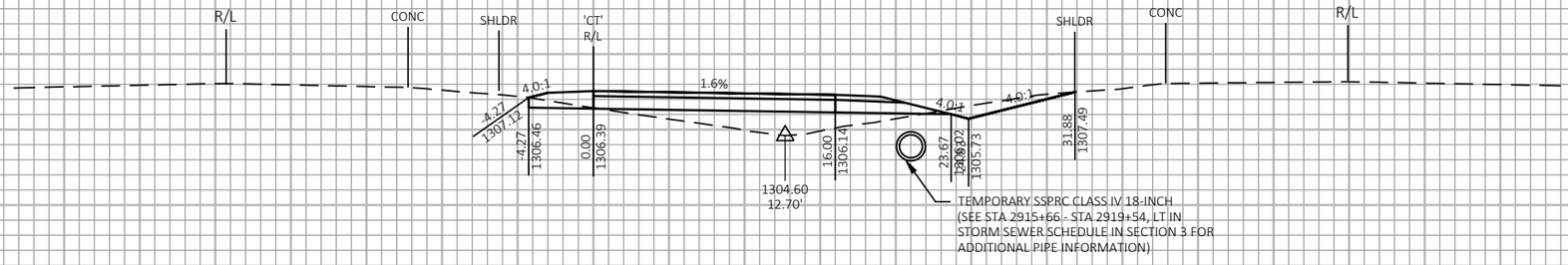
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 728	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090224-XS-S3.DWG
LAYOUT NAME - 04

PLOT DATE : 4/21/2022 11:58 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

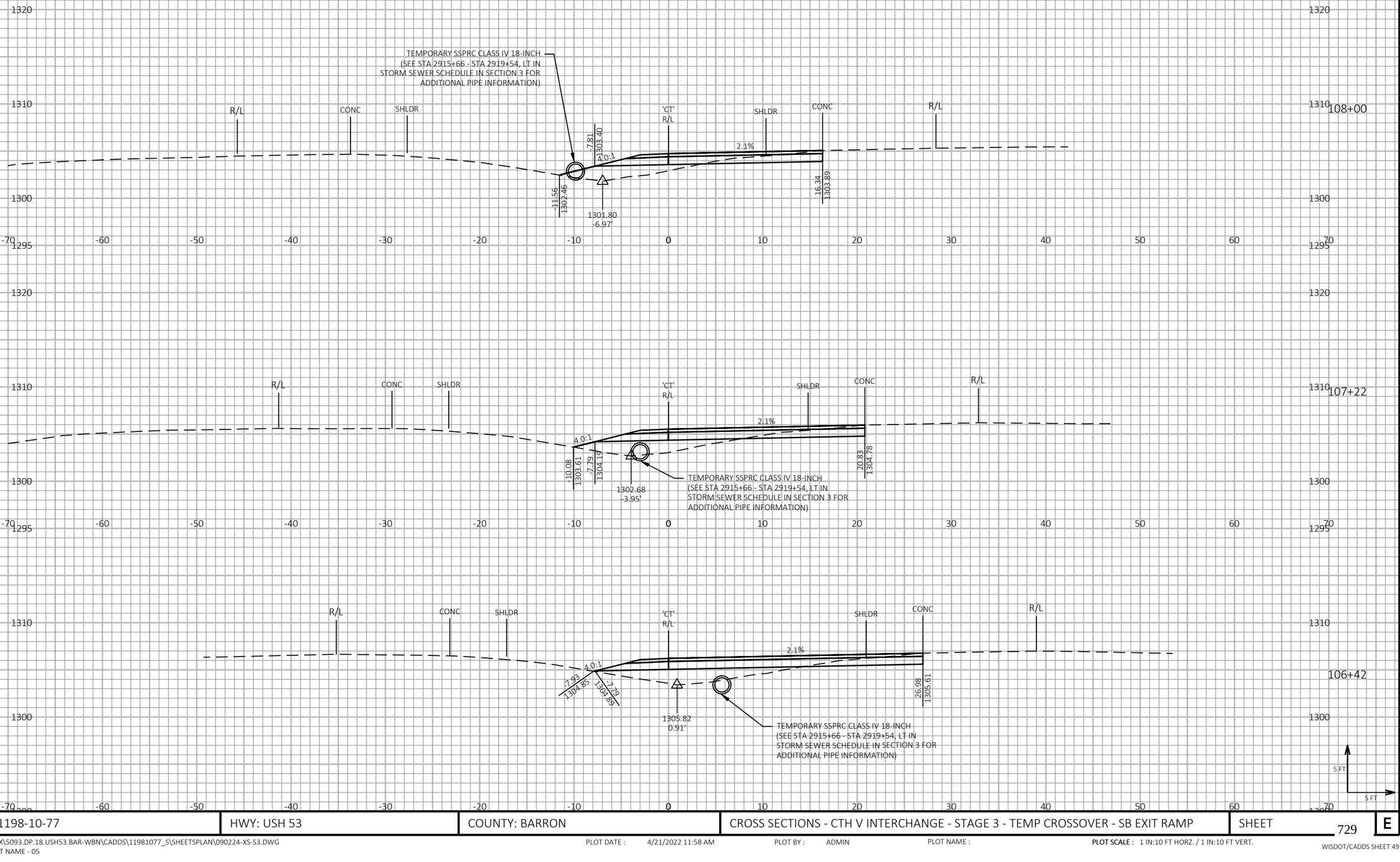
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 729	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090224-XS-S3.DWG
LAYOUT NAME - 05

PLOT DATE : 4/21/2022 11:58 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

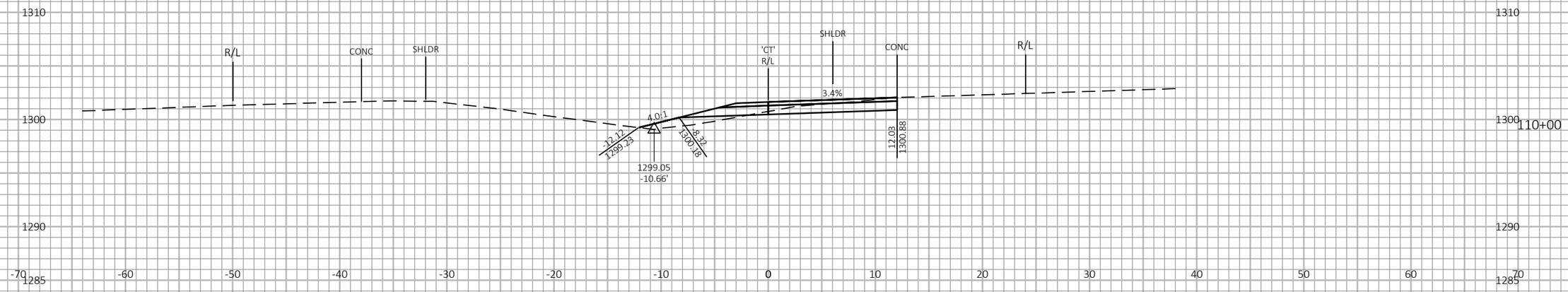
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 730	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090224-XS-S3.DWG
LAYOUT NAME - 06

PLOT DATE : 4/21/2022 11:58 AM PLOT BY : ADMIN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

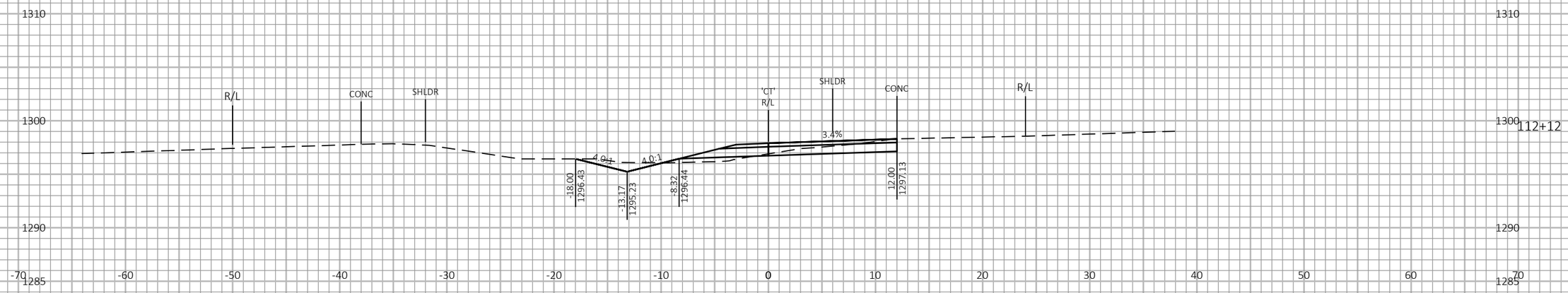
WISDOT/CADDS SHEET 49

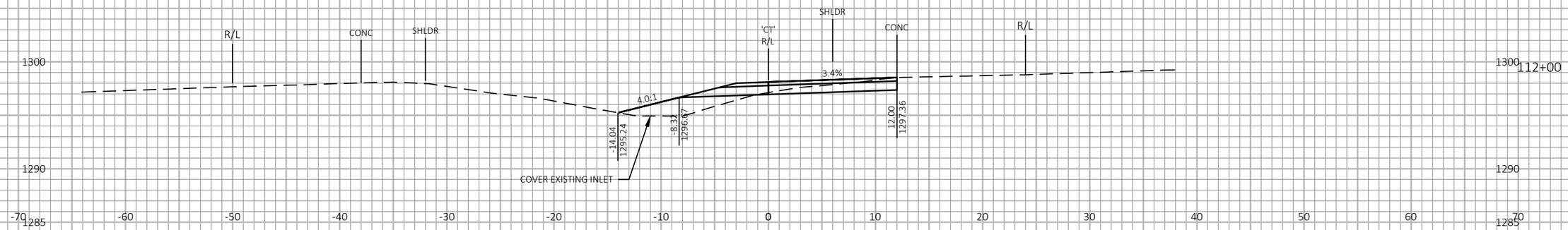
LEGEND

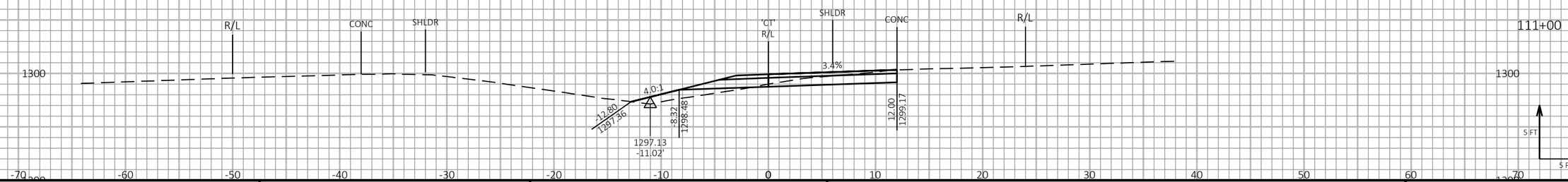
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 731	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090224-XS-S3.DWG
LAYOUT NAME - 07

PLOT DATE : 4/21/2022 11:58 AM PLOT BY : ADMIN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

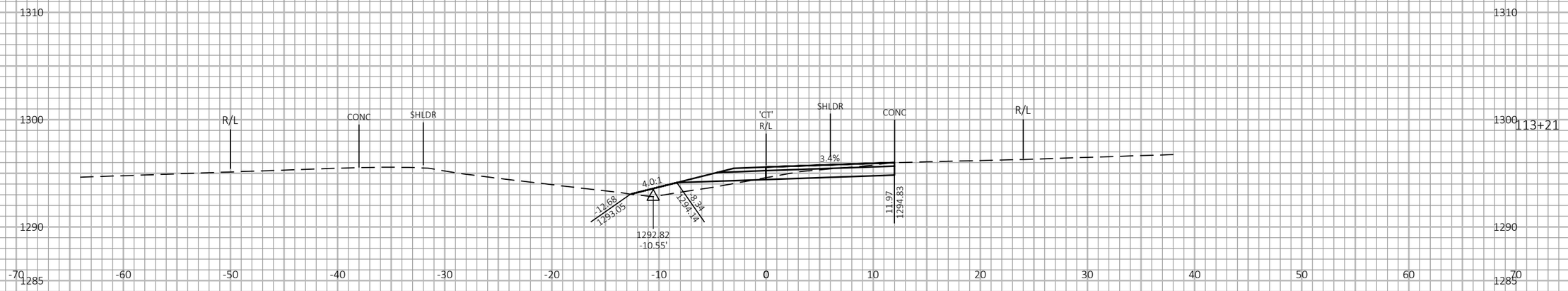
WISDOT/CADDS SHEET 49

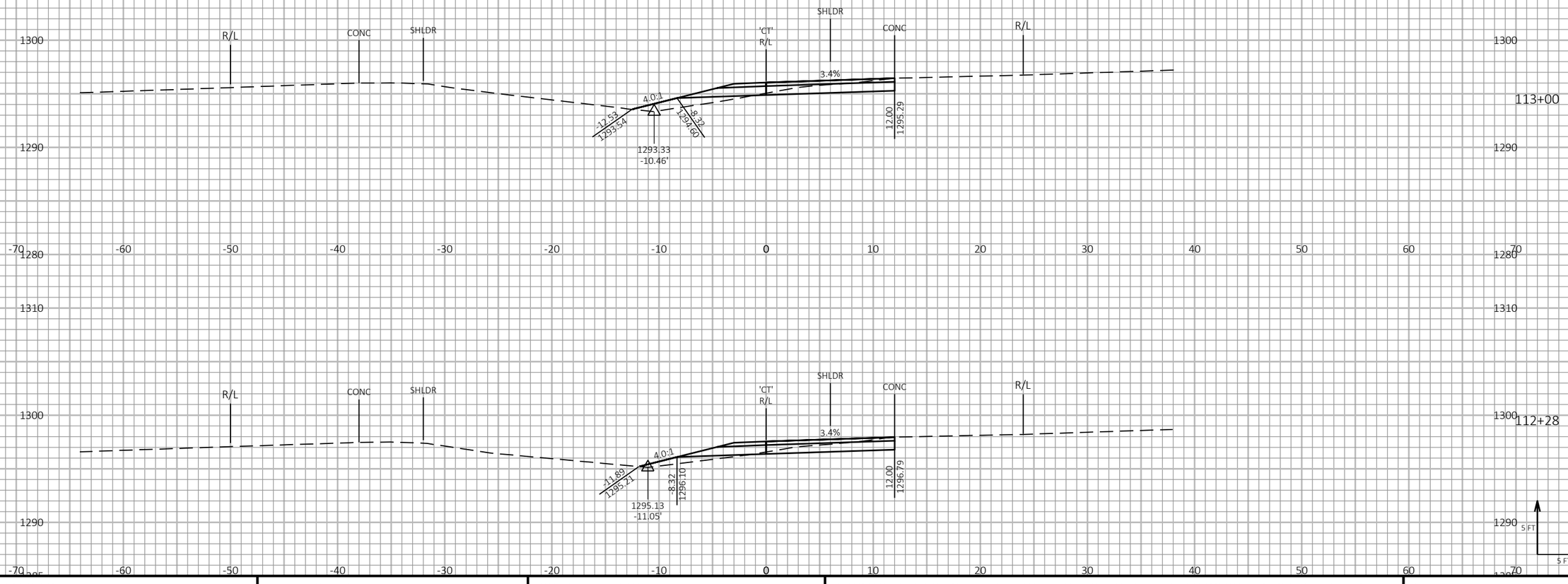
LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 732	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090224-XS-S3.DWG
LAYOUT NAME - 08

PLOT DATE : 4/21/2022 11:58 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

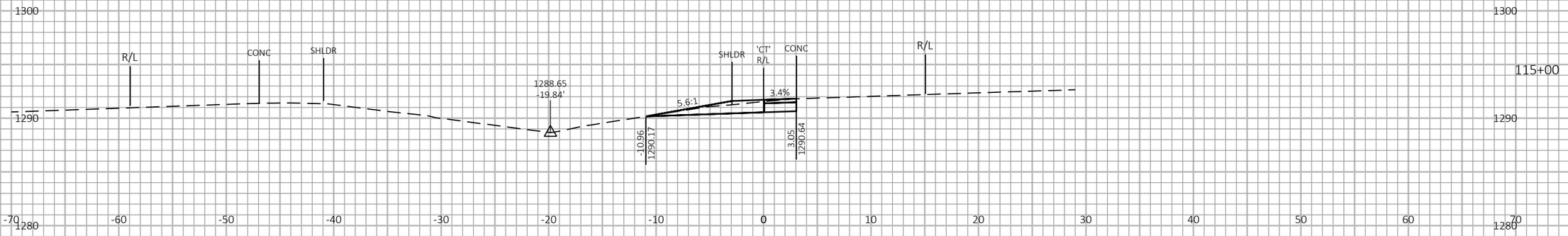
WISDOT/CADDS SHEET 49

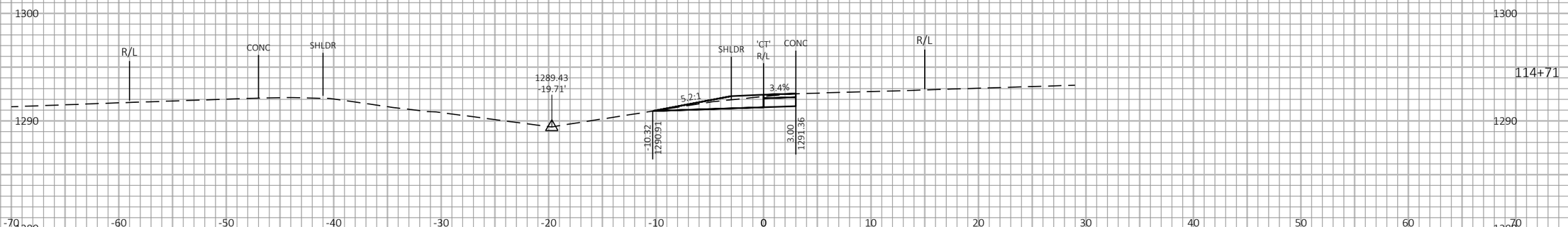
LEGEND

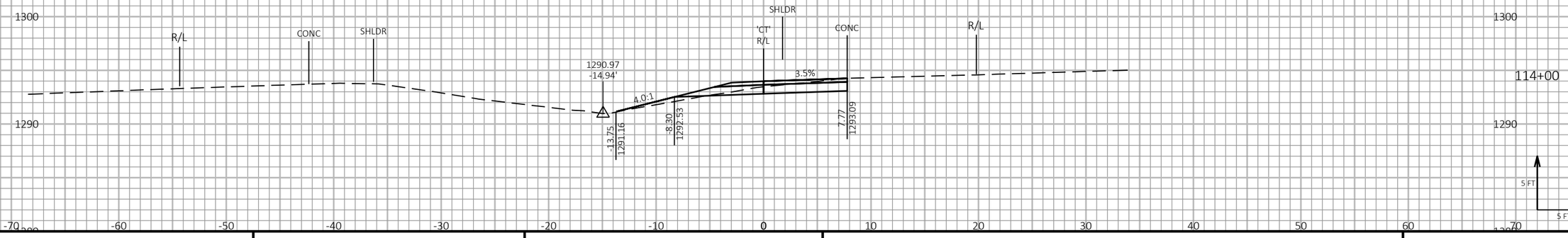
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 733	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090224-XS-S3.DWG
LAYOUT NAME - 09

PLOT DATE : 4/21/2022 11:58 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

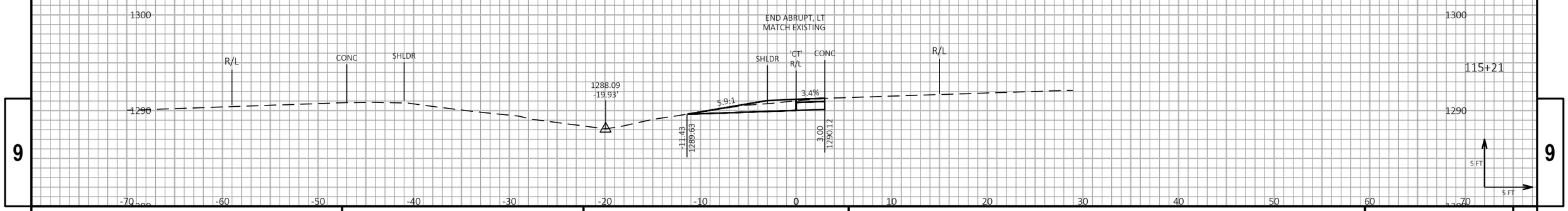
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - CTH V INTERCHANGE - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 734	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090224-XS-S3.DWG
LAYOUT NAME - 10

PLOT DATE : 4/21/2022 11:58 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

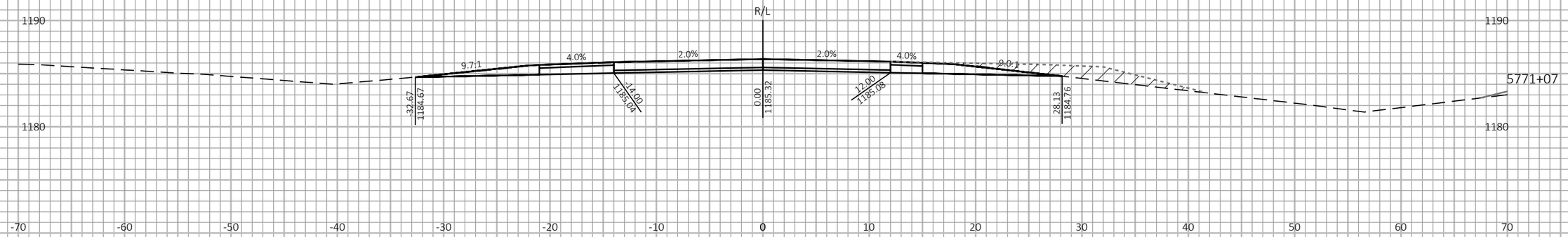
EXISTING GROUND

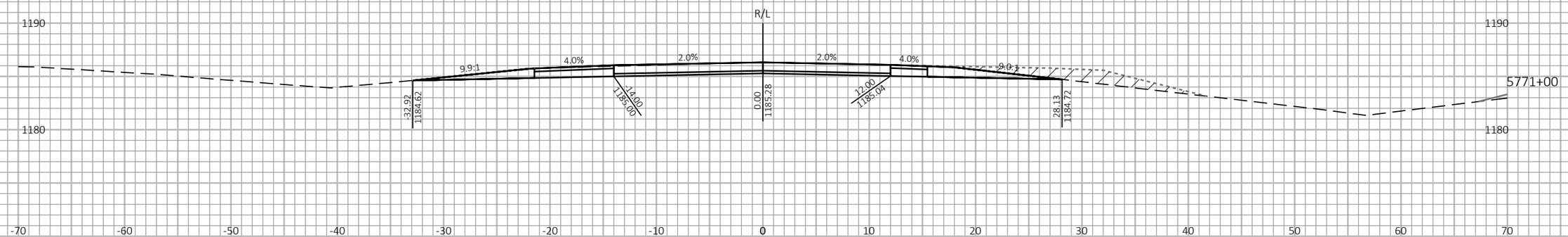
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

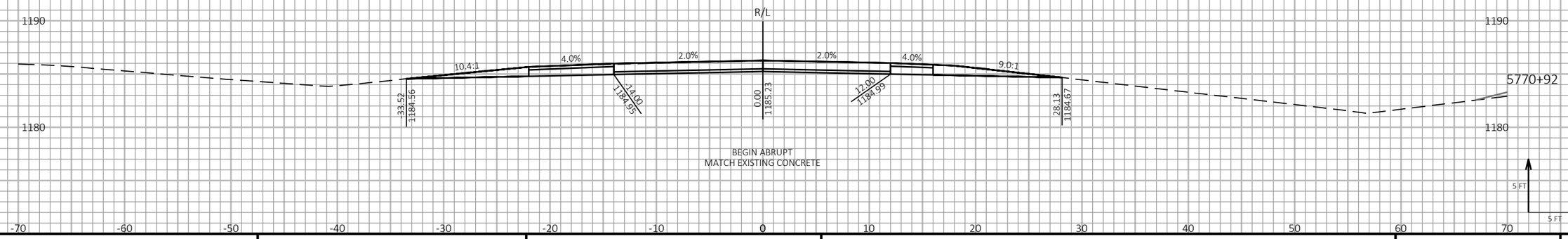
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 735	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 10/7/2022 10:29 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

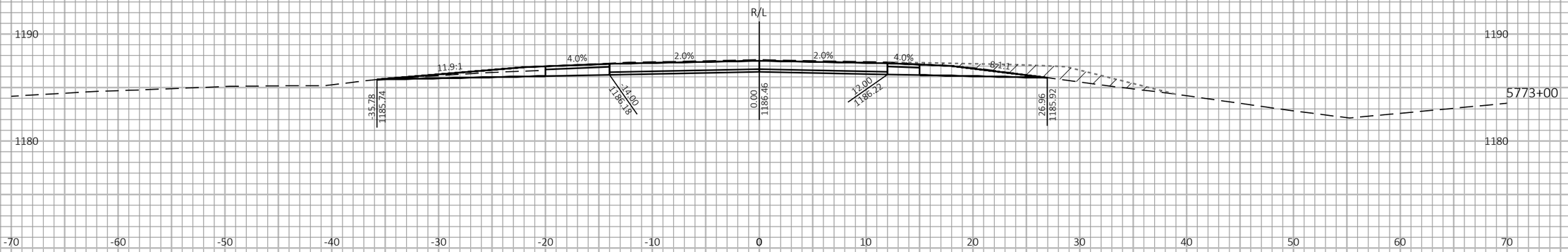
EXISTING GROUND

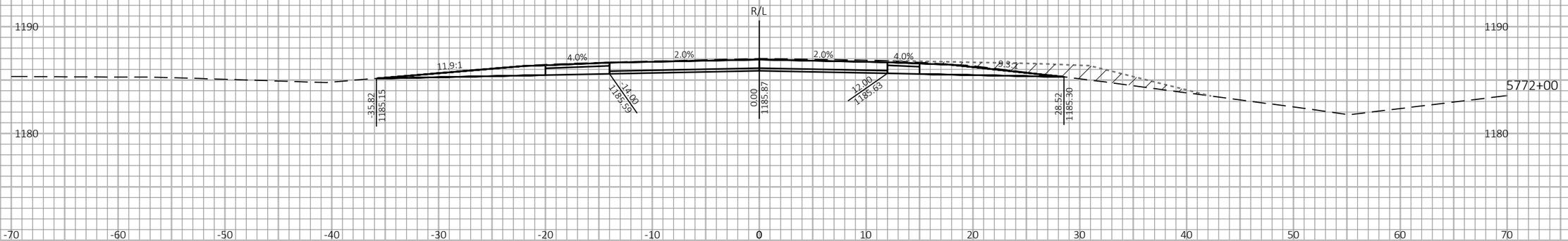
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

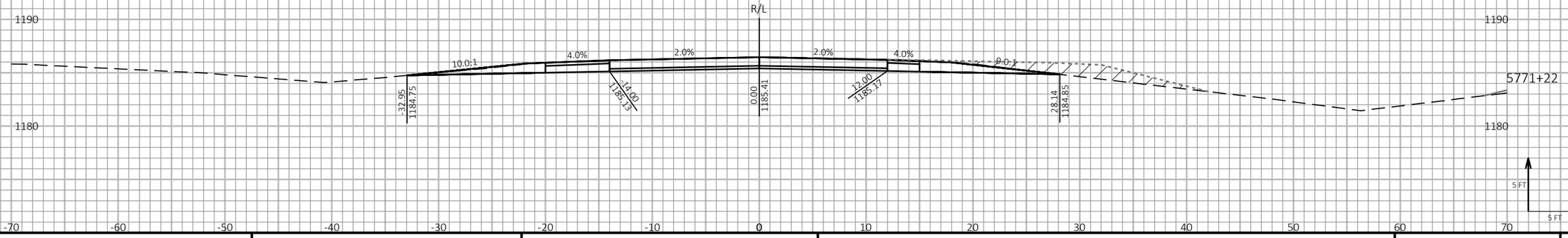
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 736	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 10/7/2022 10:29 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

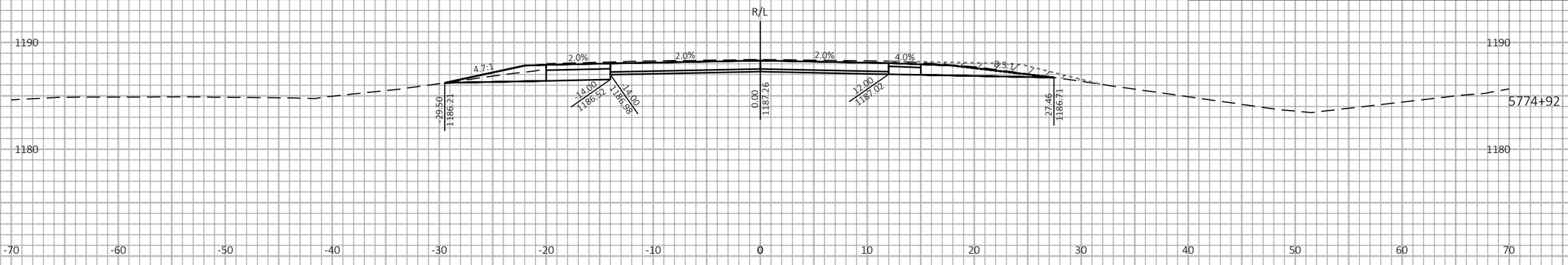
EXISTING GROUND

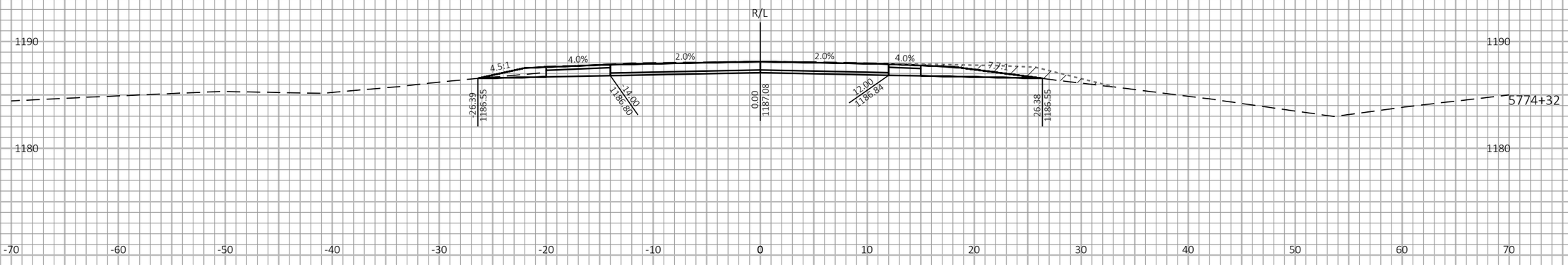
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

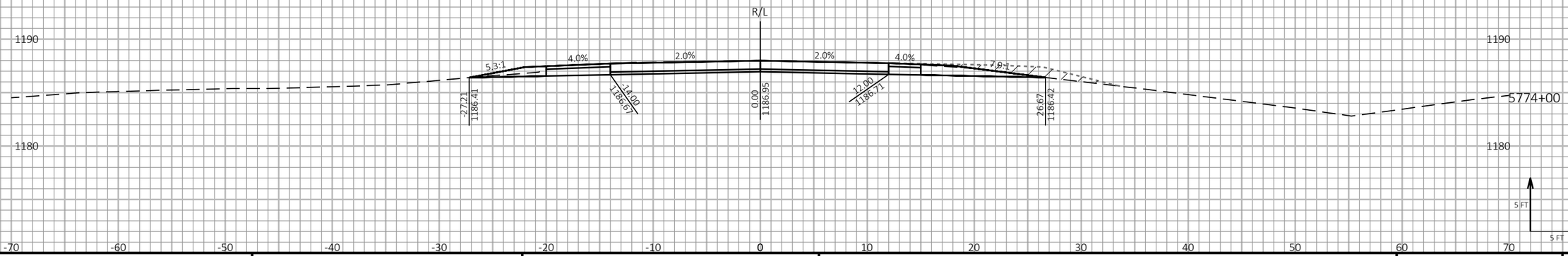
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 737	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 10/7/2022 10:30 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

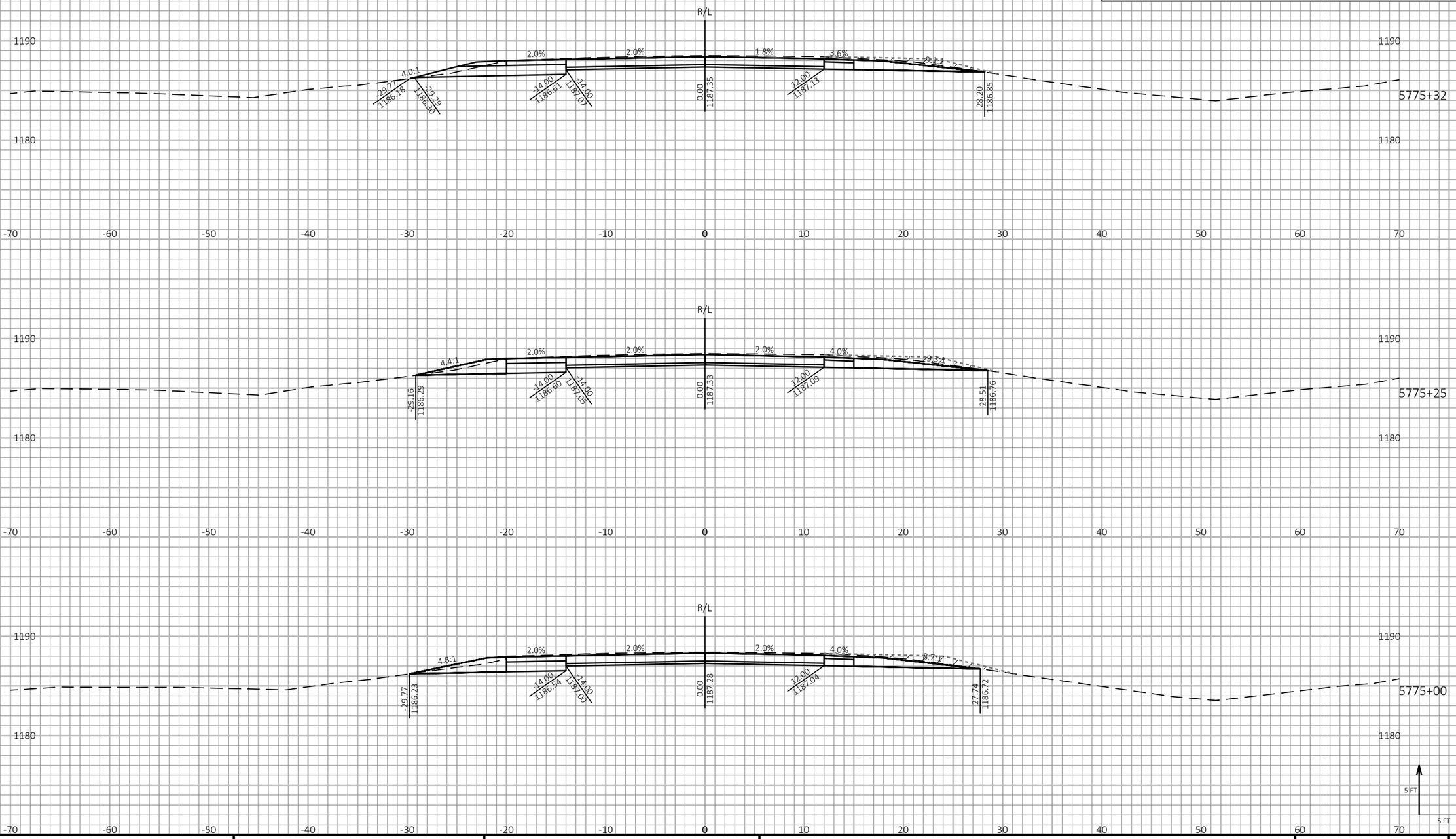
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 738	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 04

PLOT DATE : 10/7/2022 10:30 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

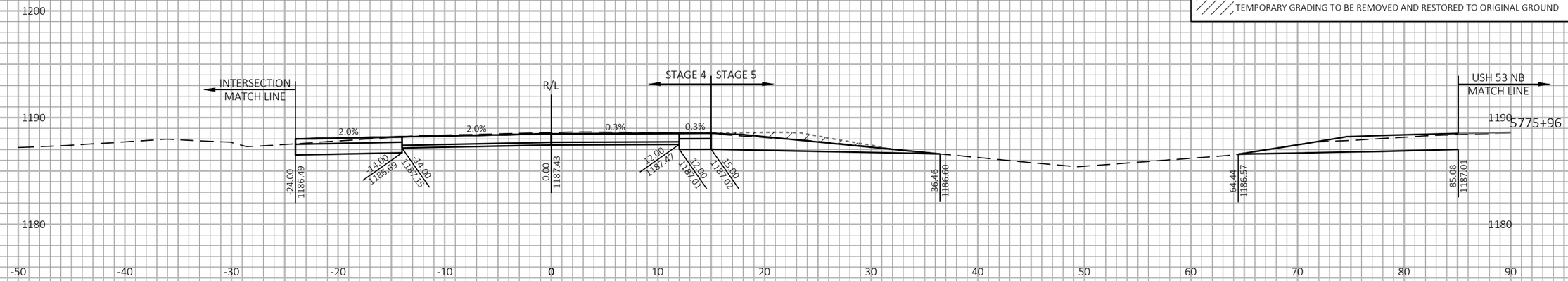
EXISTING GROUND

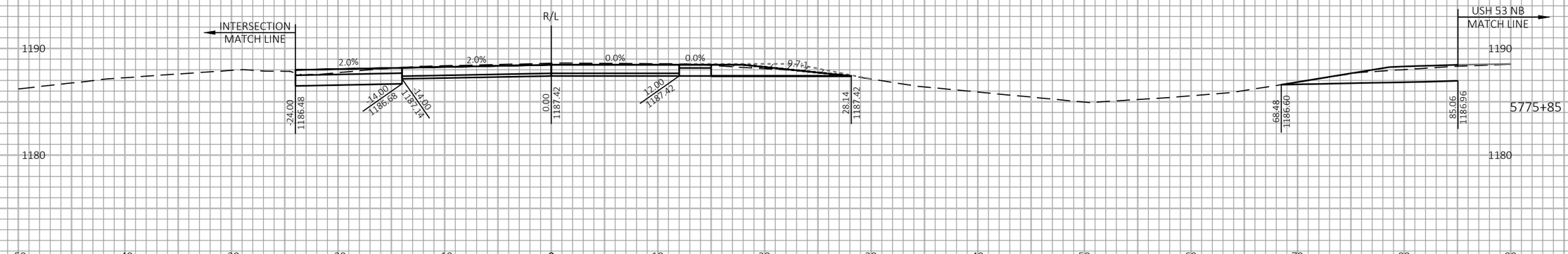
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

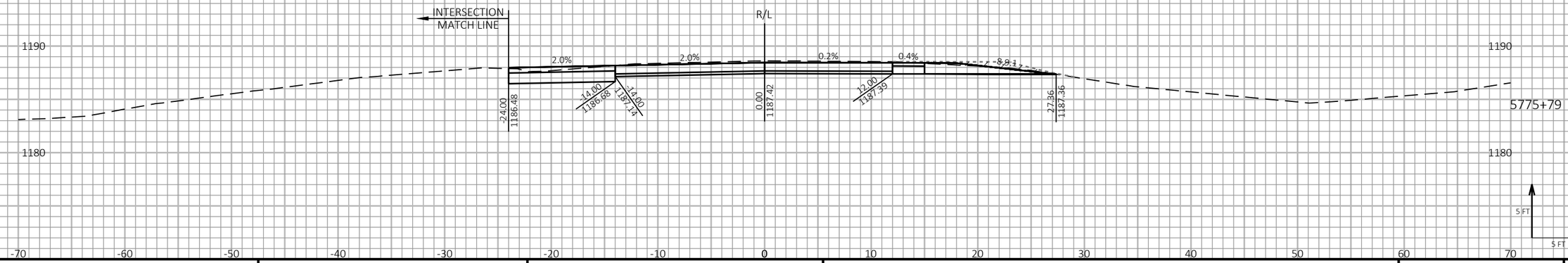
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 739	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 05

PLOT DATE : 10/7/2022 10:30 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

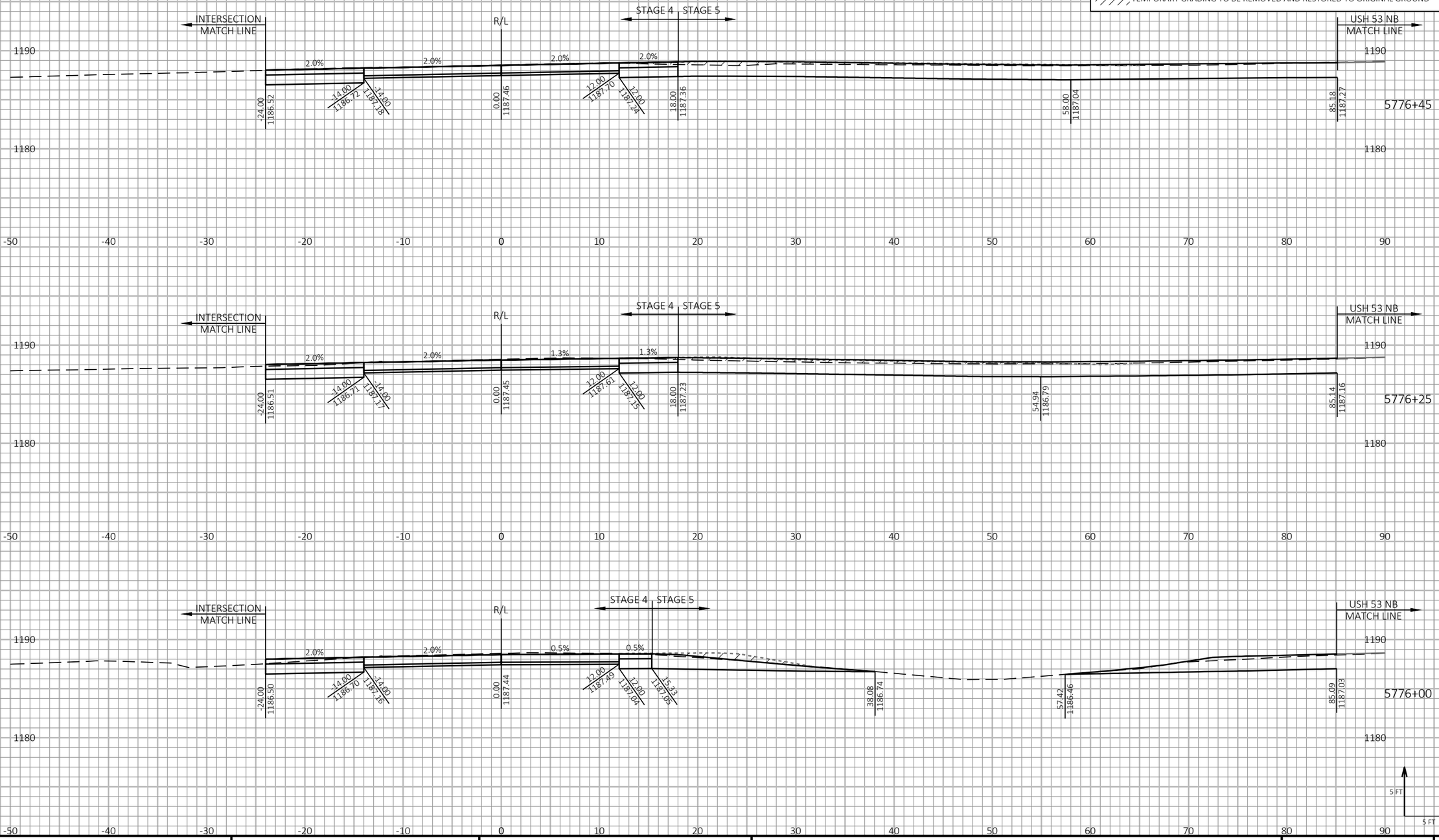
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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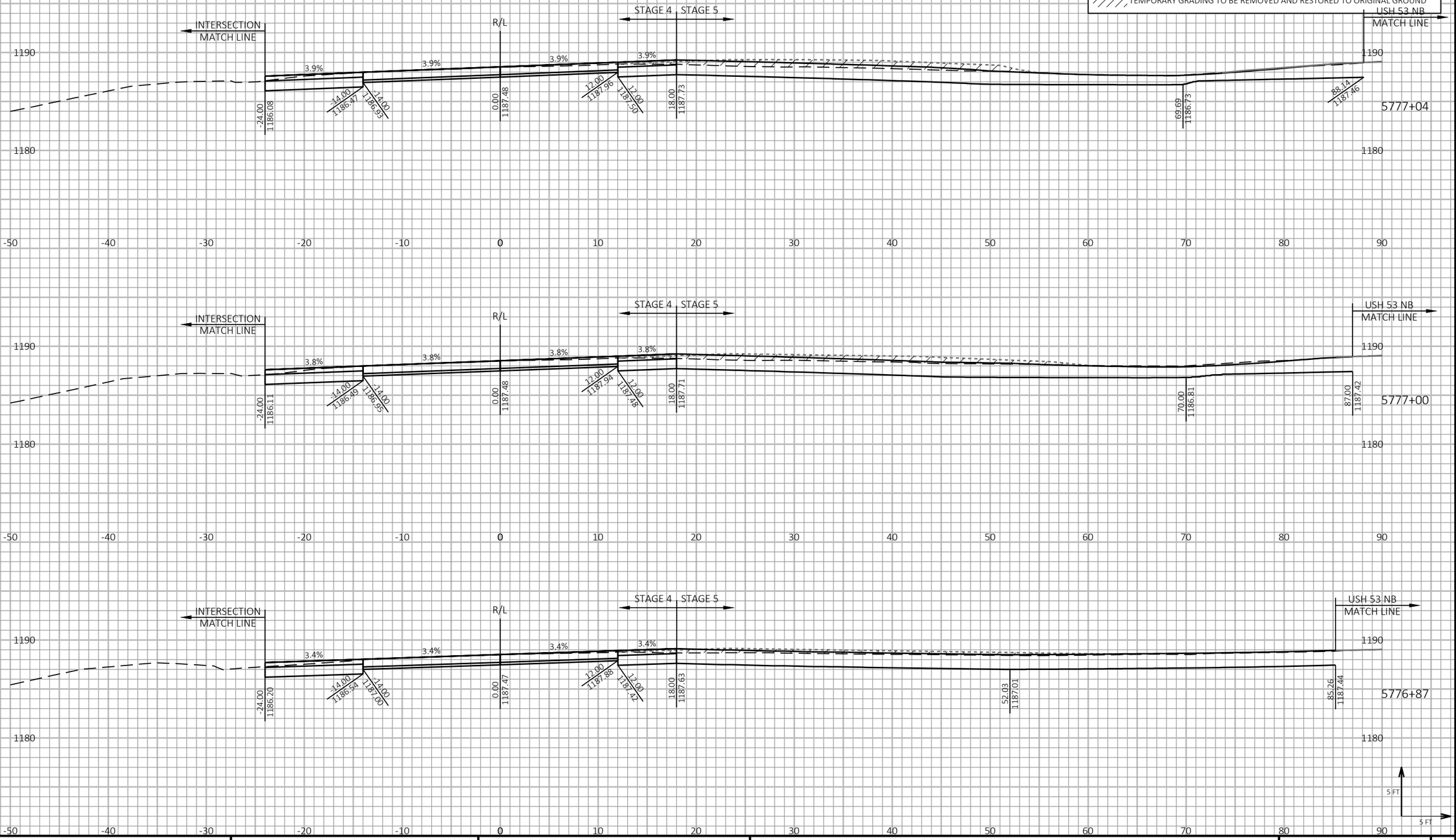
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 740	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 06

PLOT DATE : 10/7/2022 10:31 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 741	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 07

PLOT DATE : 10/7/2022 10:31 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

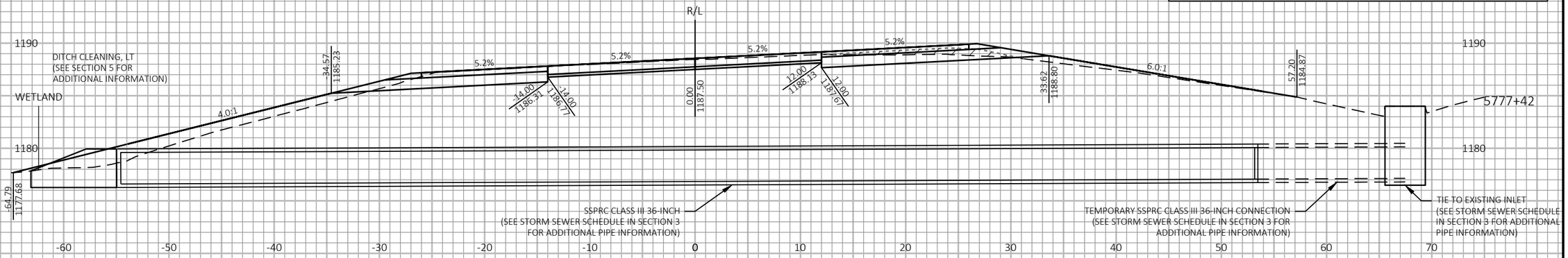
EXISTING GROUND

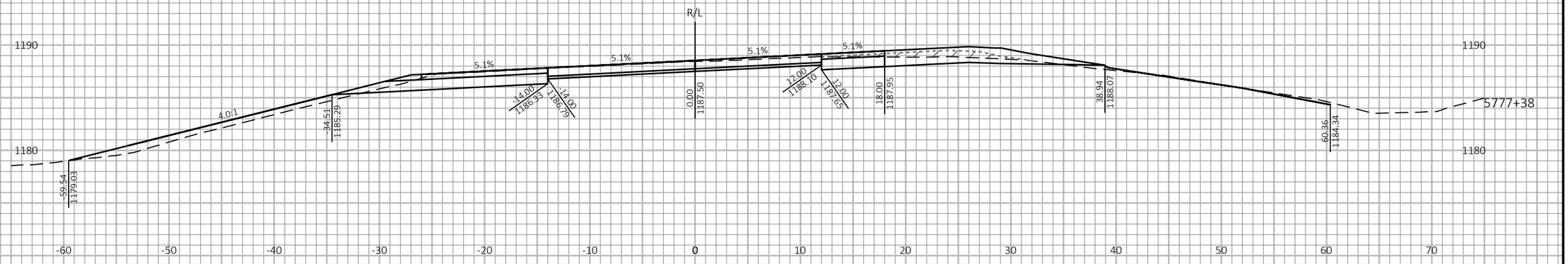
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

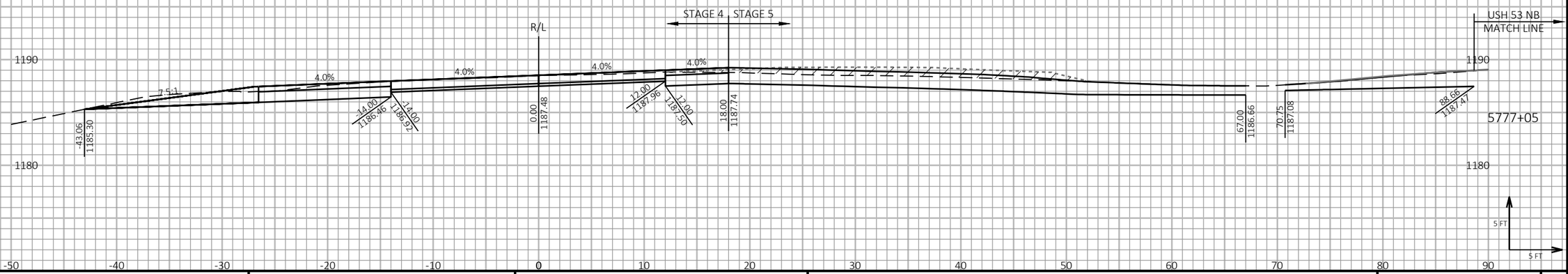
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 742	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 08

PLOT DATE : 10/7/2022 10:31 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

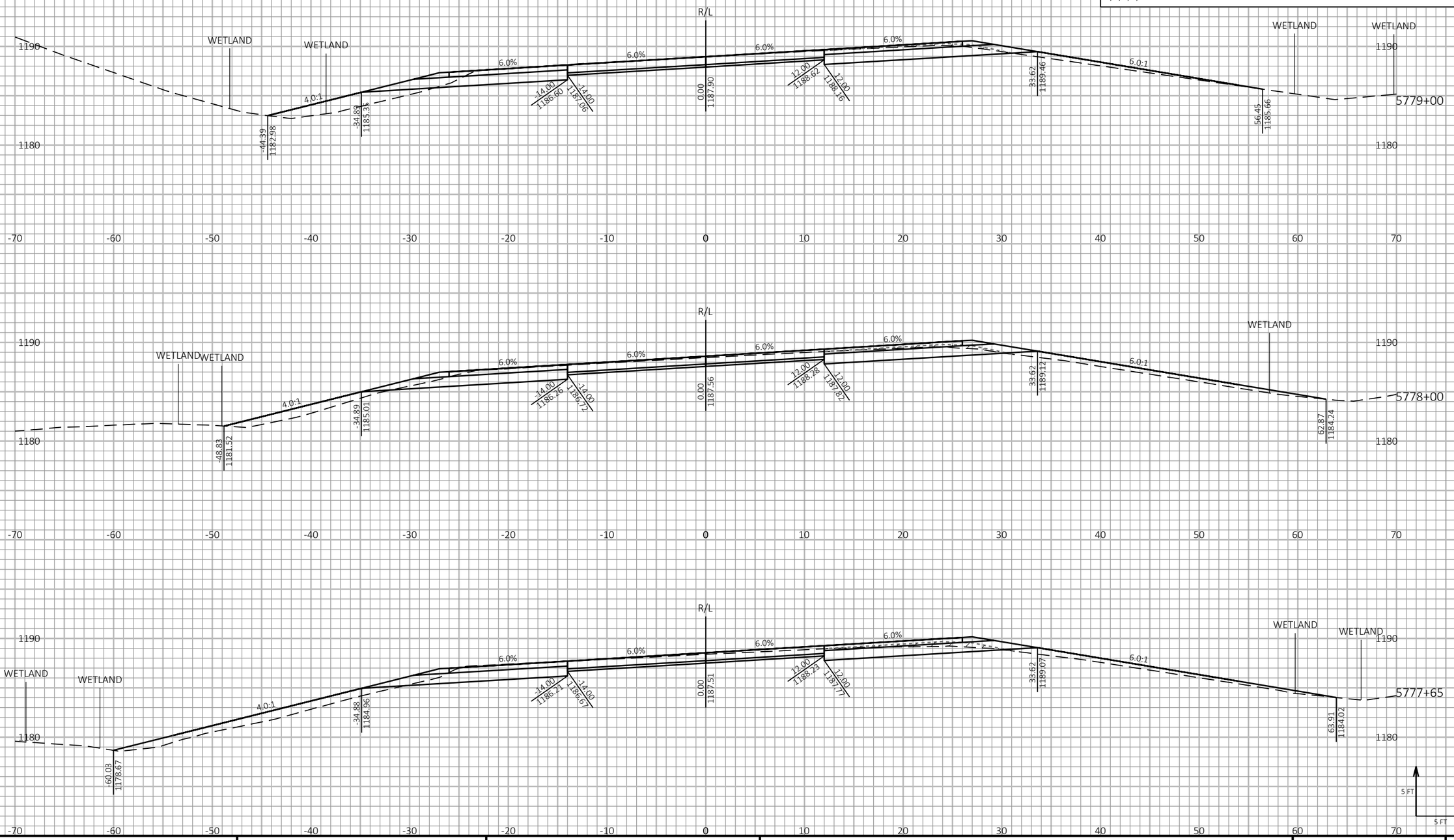
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 743	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 09

PLOT DATE : 10/7/2022 10:32 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

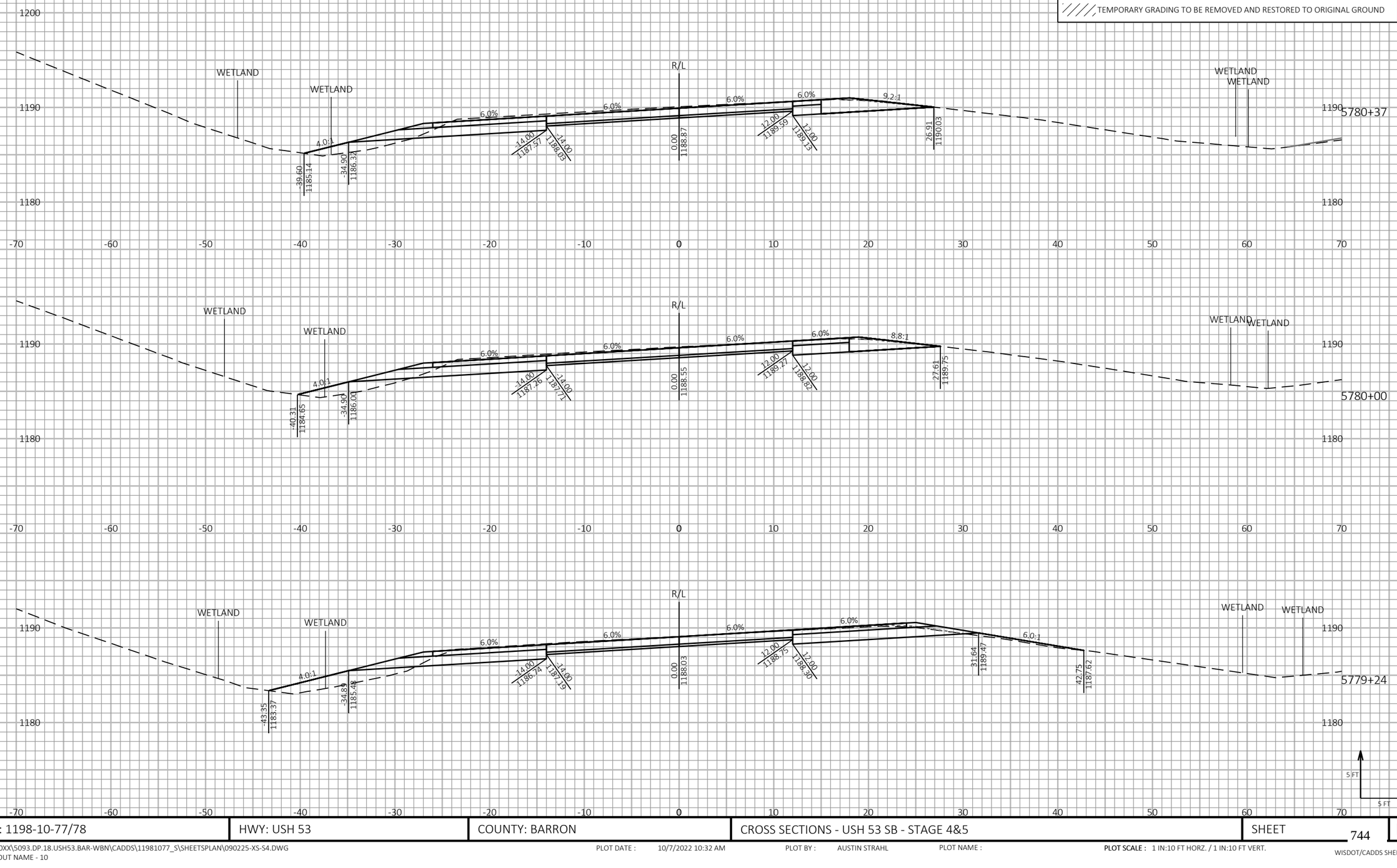
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 744	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 10

PLOT DATE : 10/7/2022 10:32 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

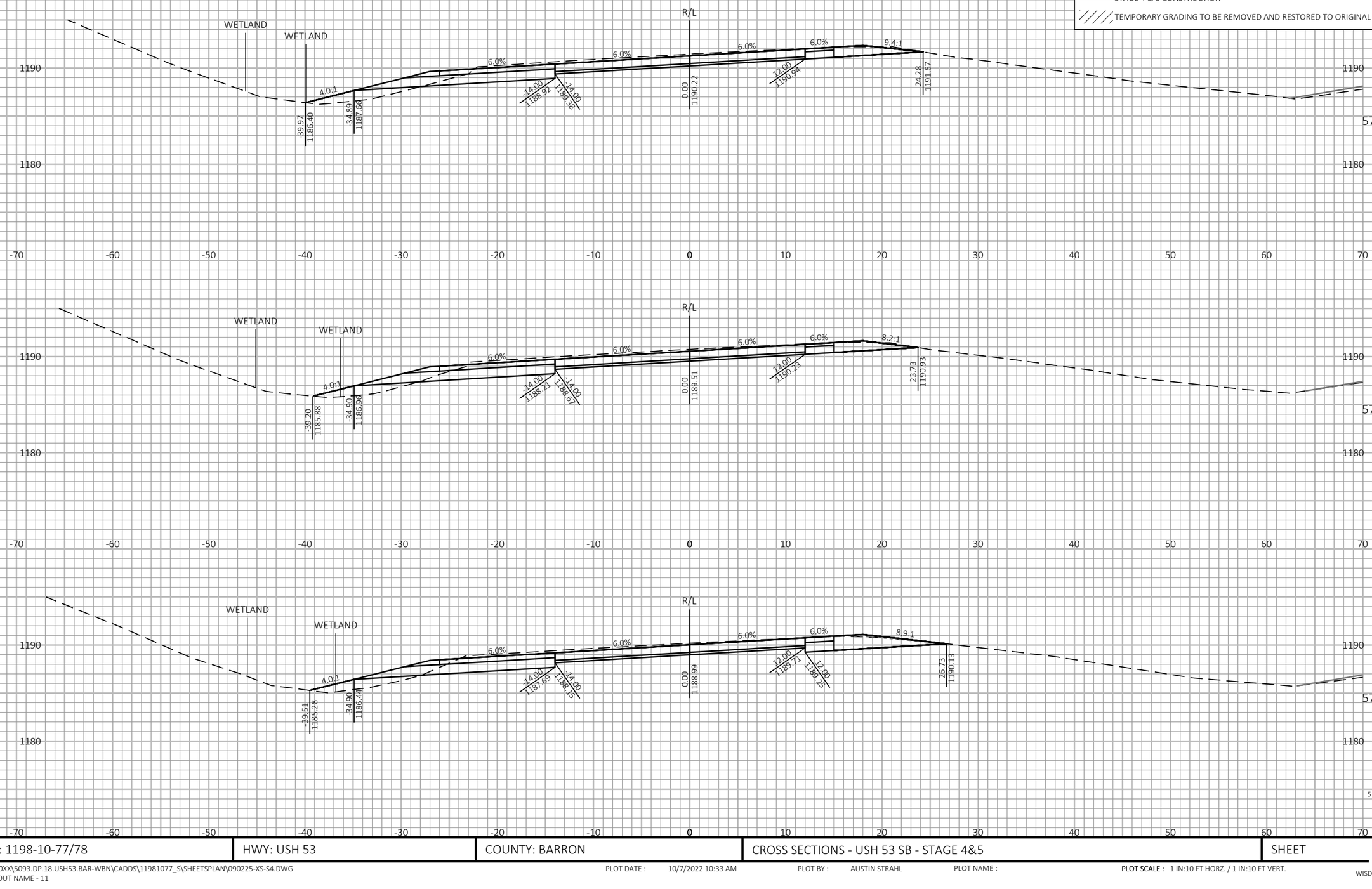
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 745	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 11

PLOT DATE : 10/7/2022 10:33 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

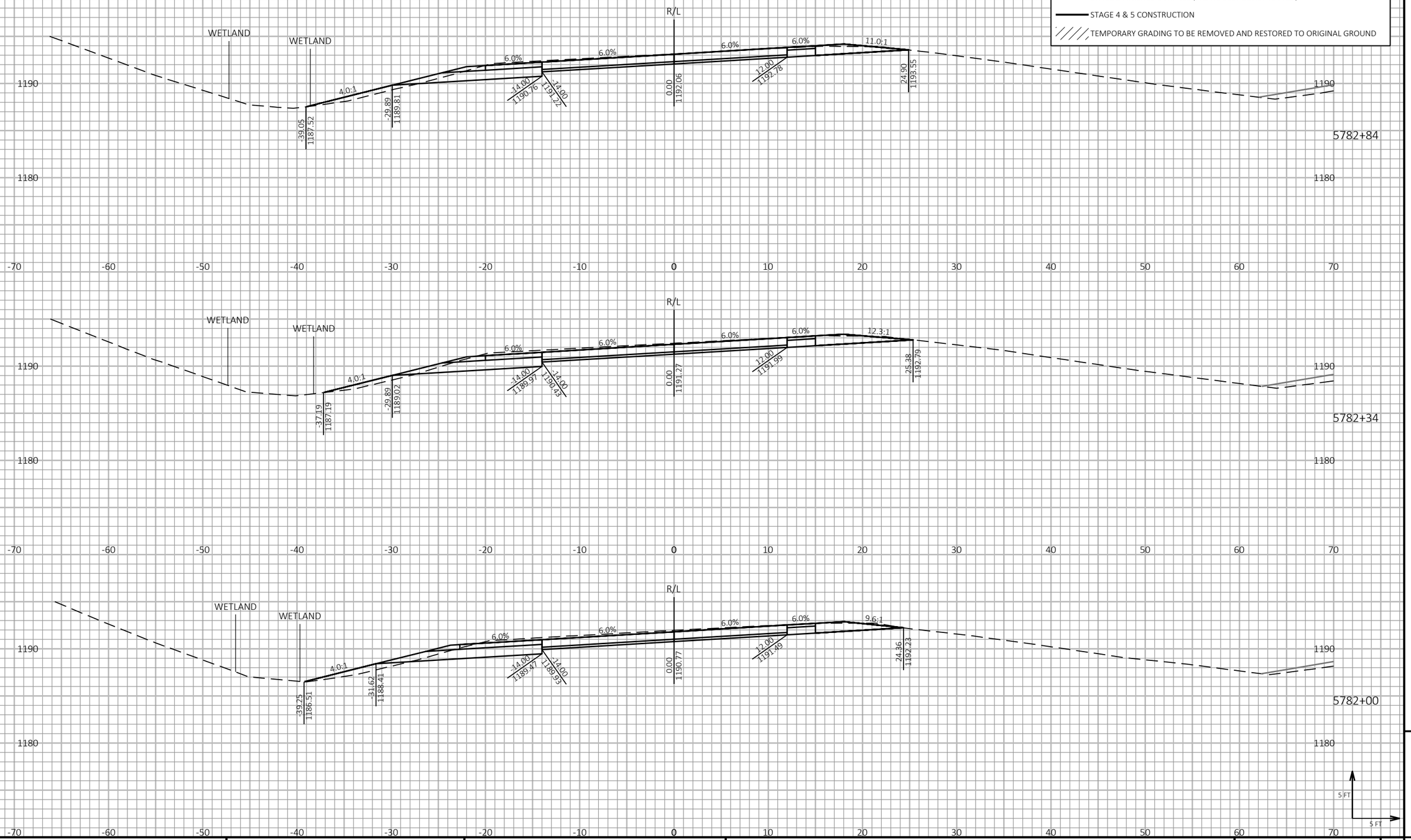
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 746	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 12

PLOT DATE : 10/7/2022 10:33 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

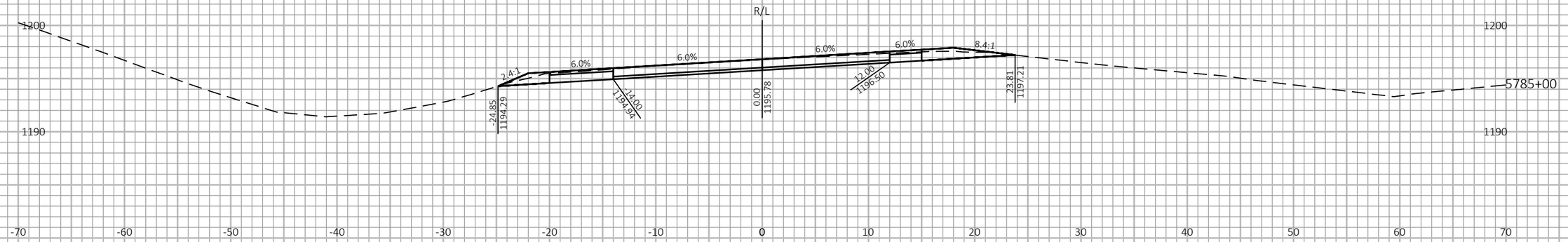
EXISTING GROUND

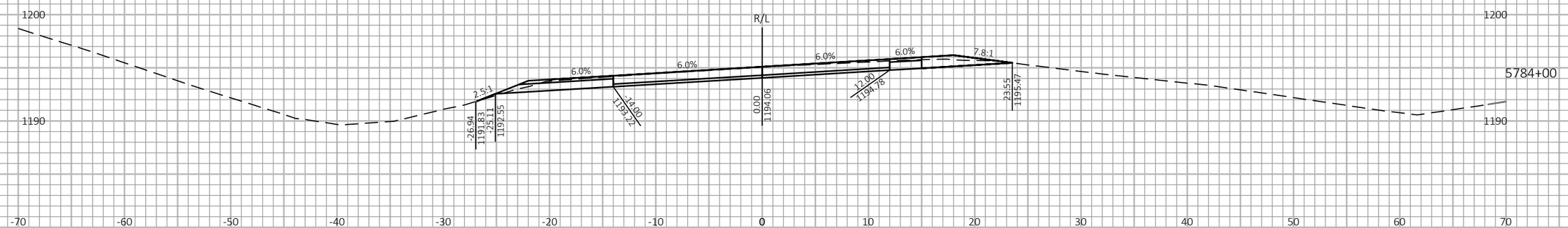
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

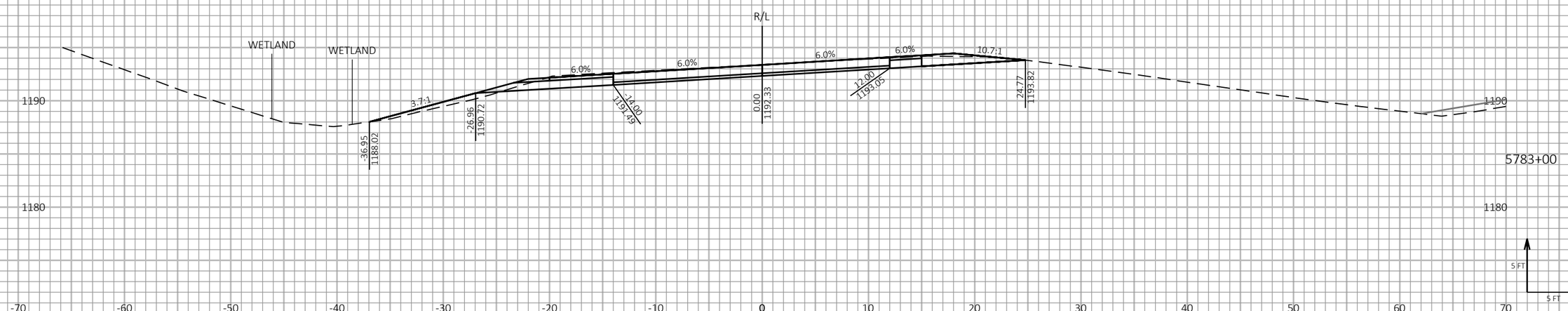
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 747	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 13

PLOT DATE : 10/7/2022 10:34 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

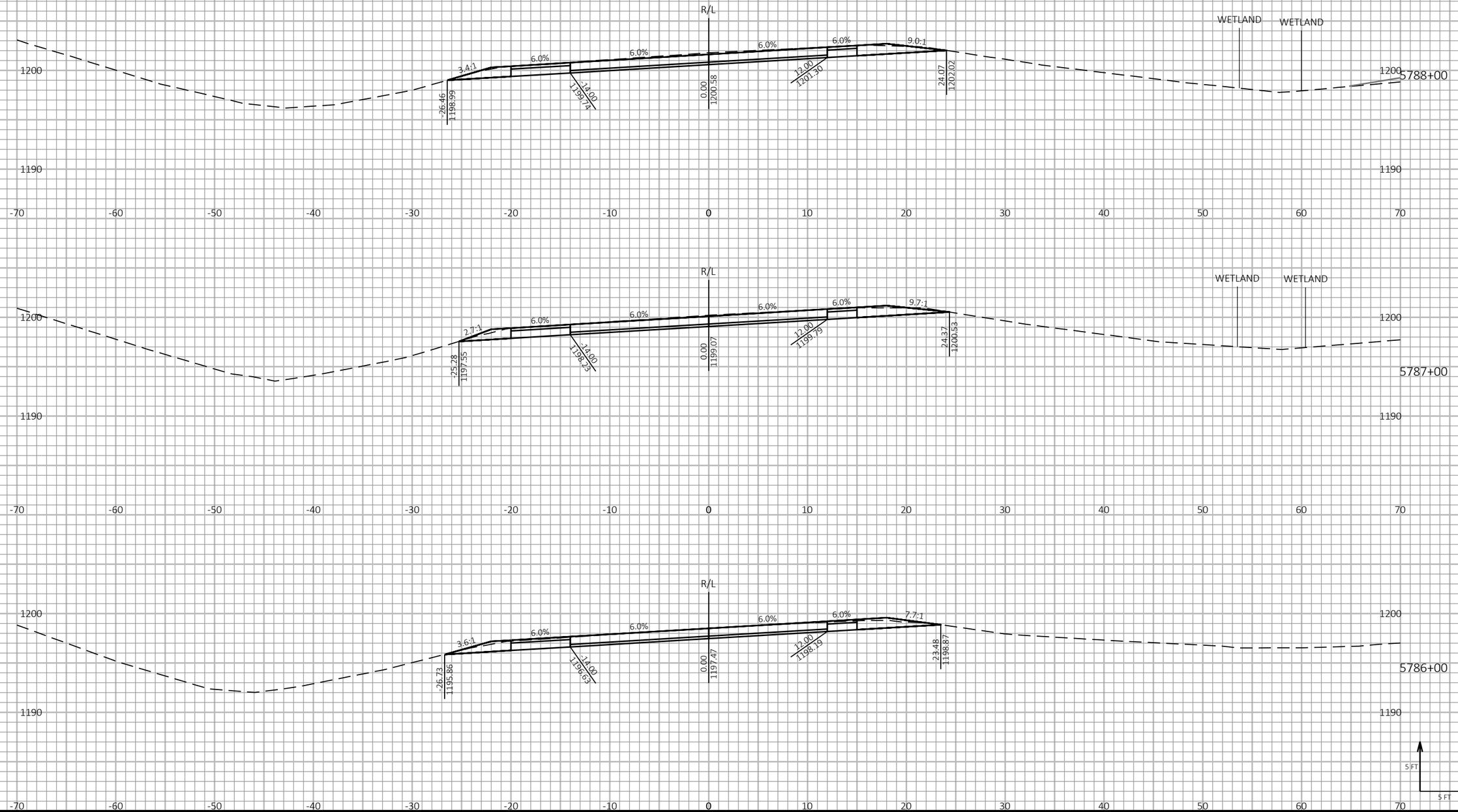
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 748	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 14

PLOT DATE : 10/7/2022 10:34 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

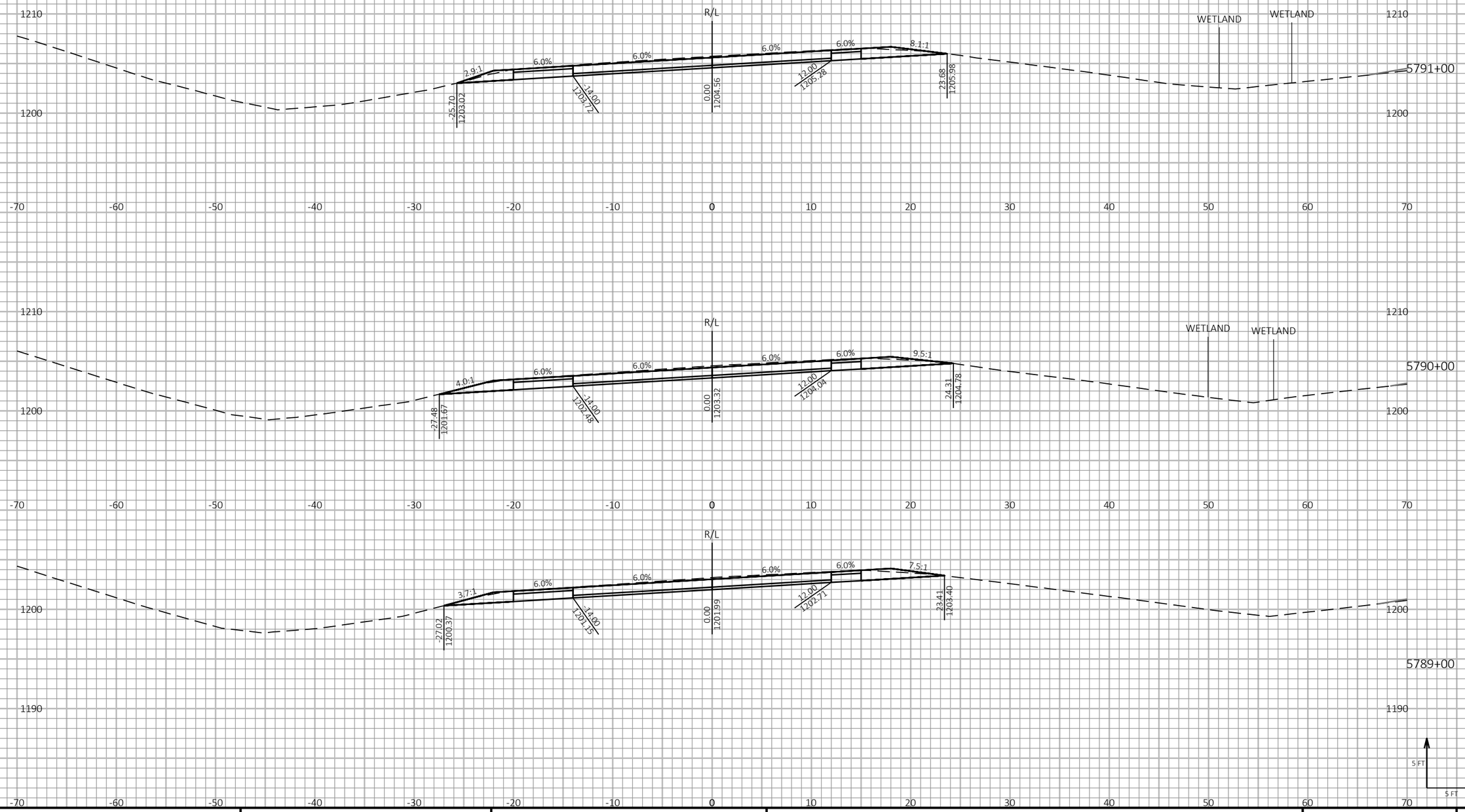
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 749	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 15

PLOT DATE : 10/7/2022 10:34 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

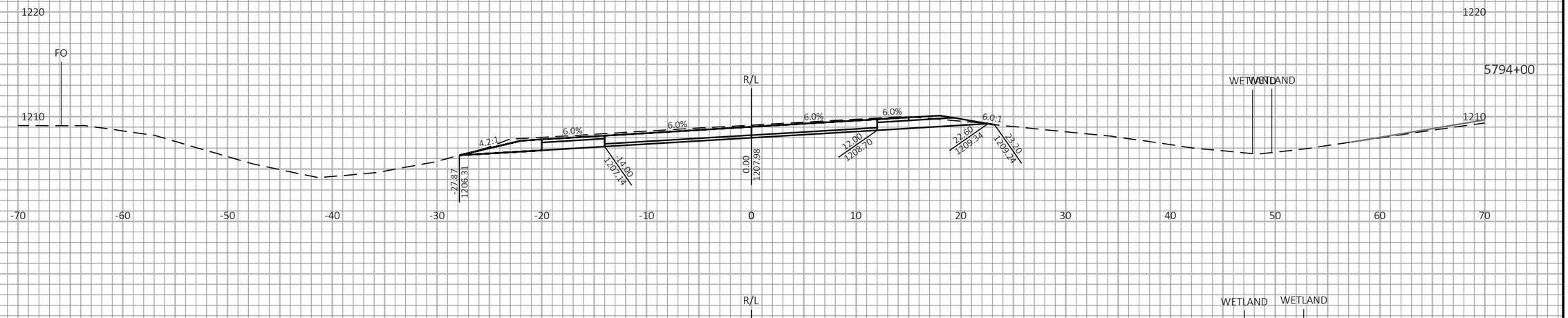
EXISTING GROUND

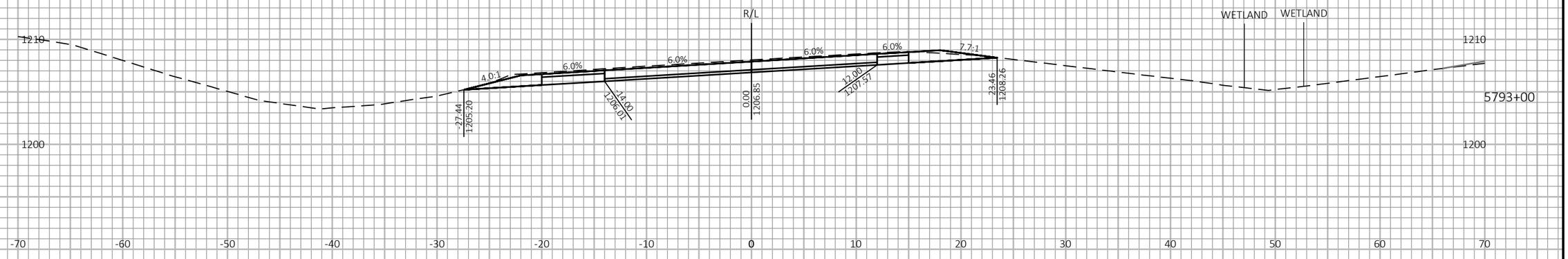
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

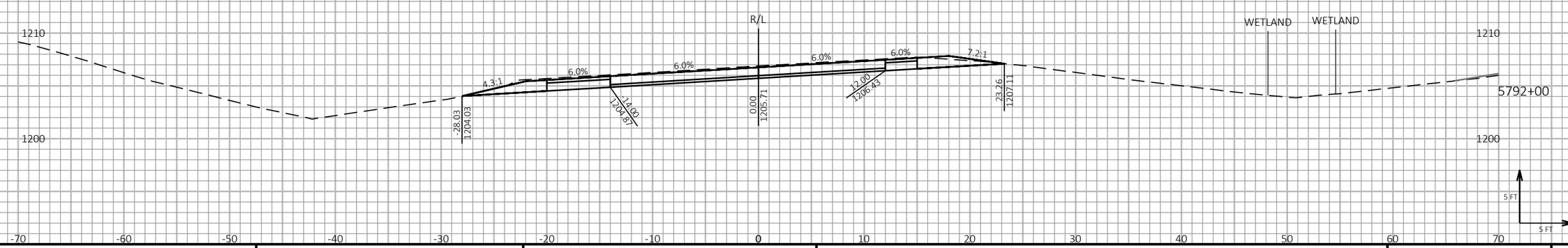
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 750	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 16

PLOT DATE : 10/7/2022 10:35 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

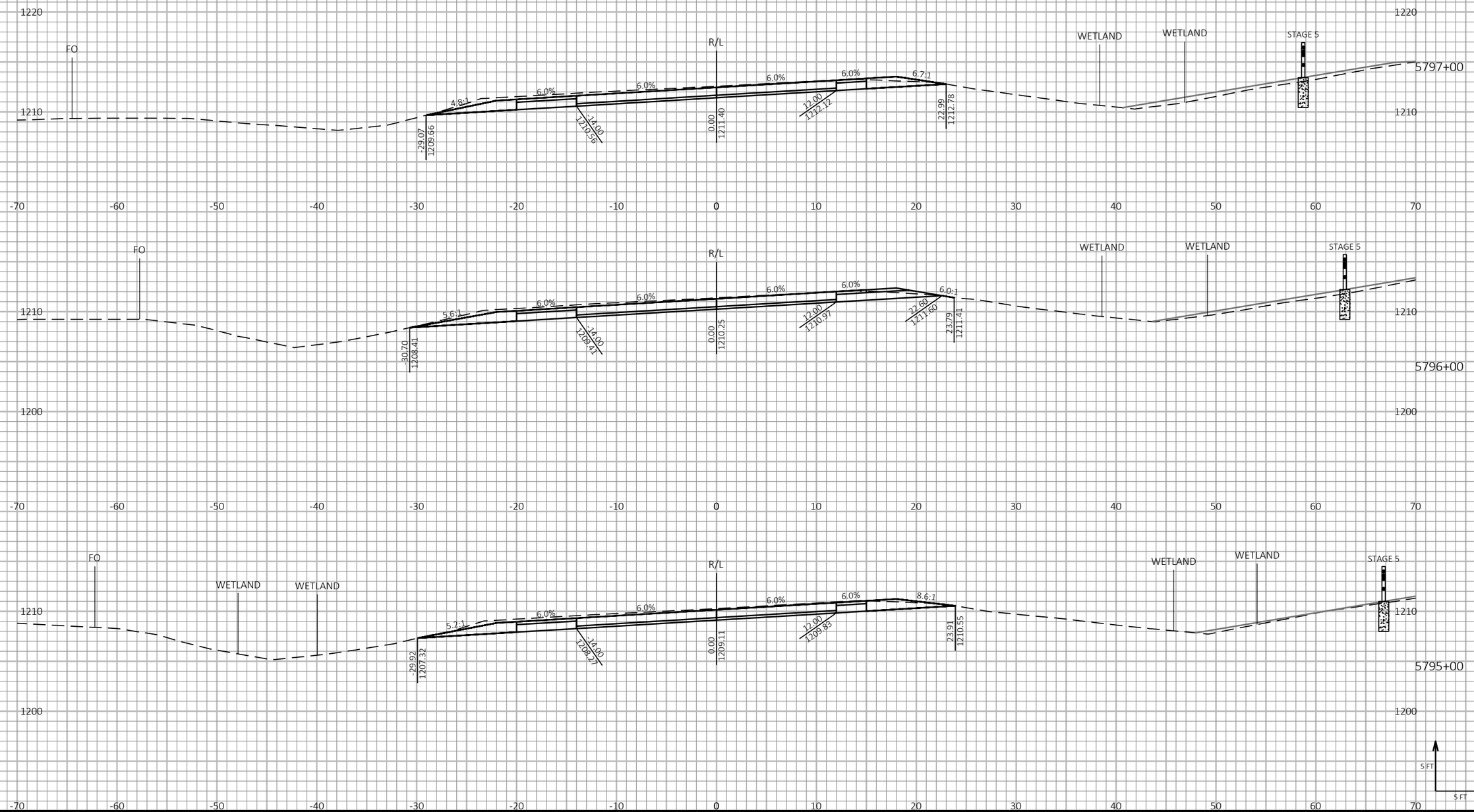
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 751	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 17

PLOT DATE : 10/7/2022 10:35 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

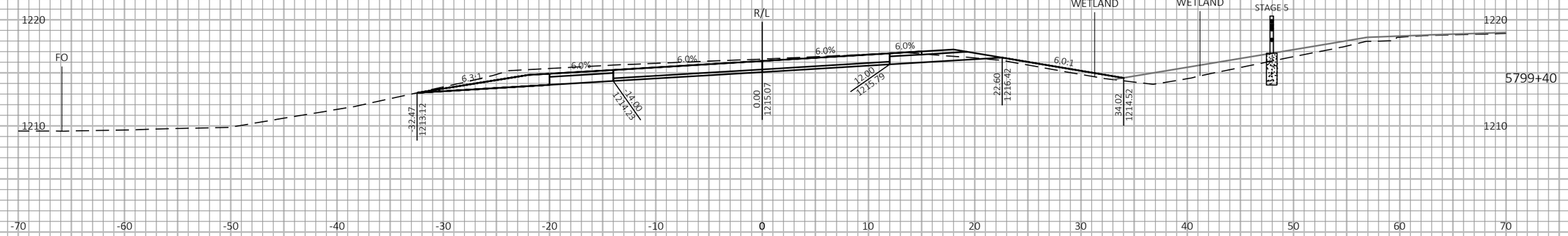
EXISTING GROUND

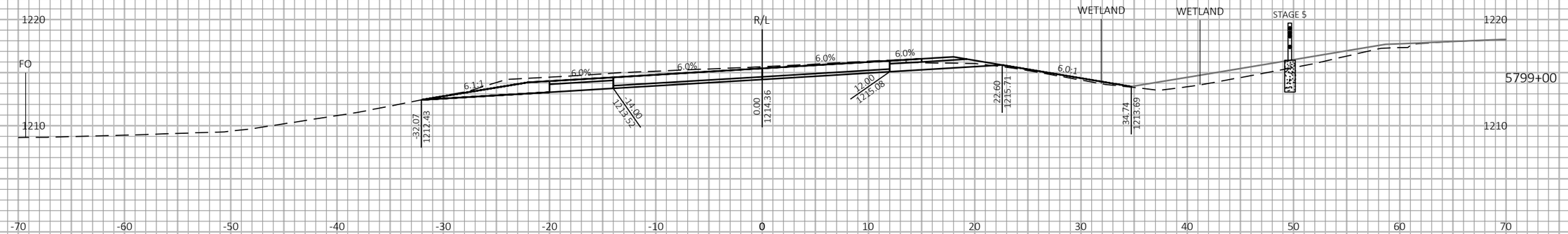
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

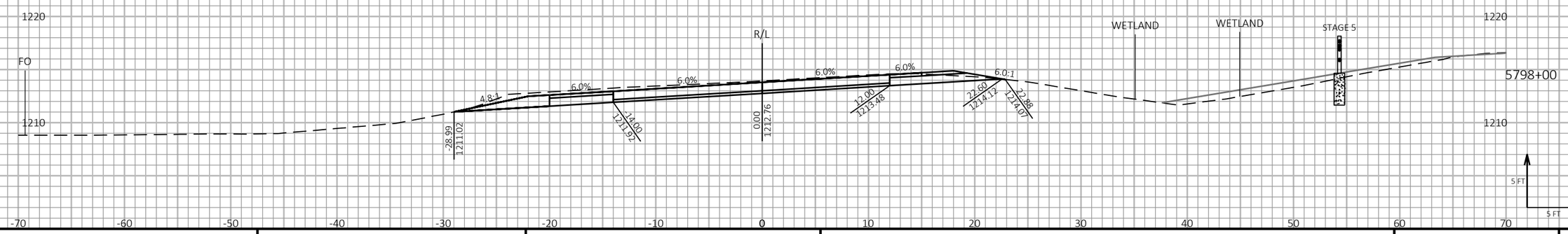
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 752	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 18

PLOT DATE : 10/7/2022 10:36 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

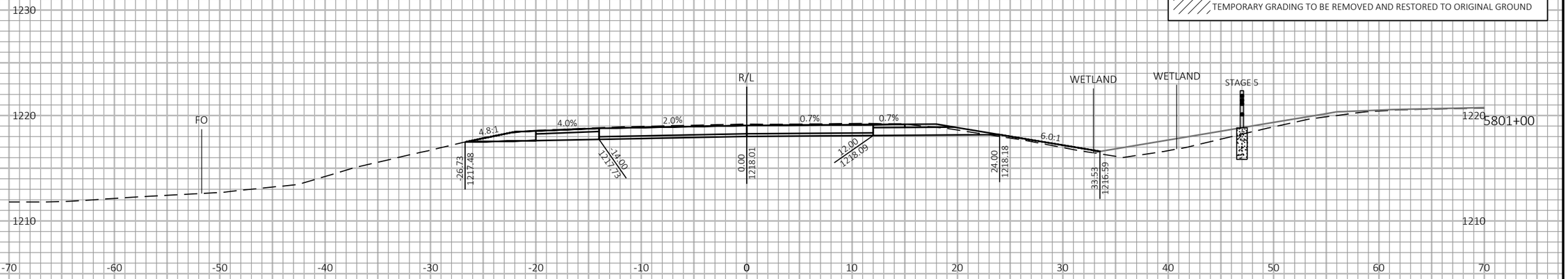
EXISTING GROUND

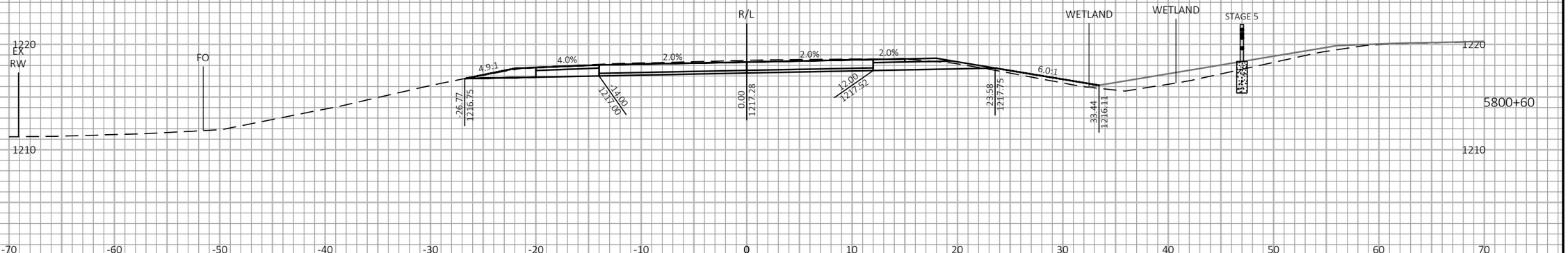
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

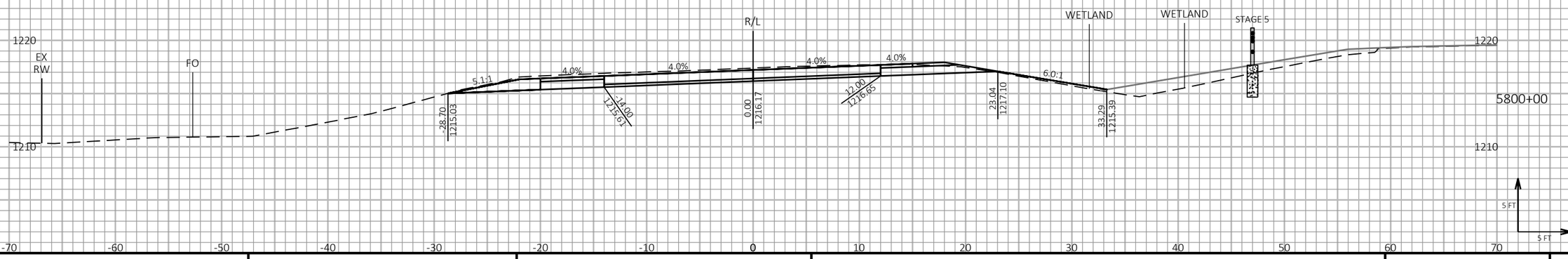
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 753	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 19

PLOT DATE : 10/7/2022 10:36 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

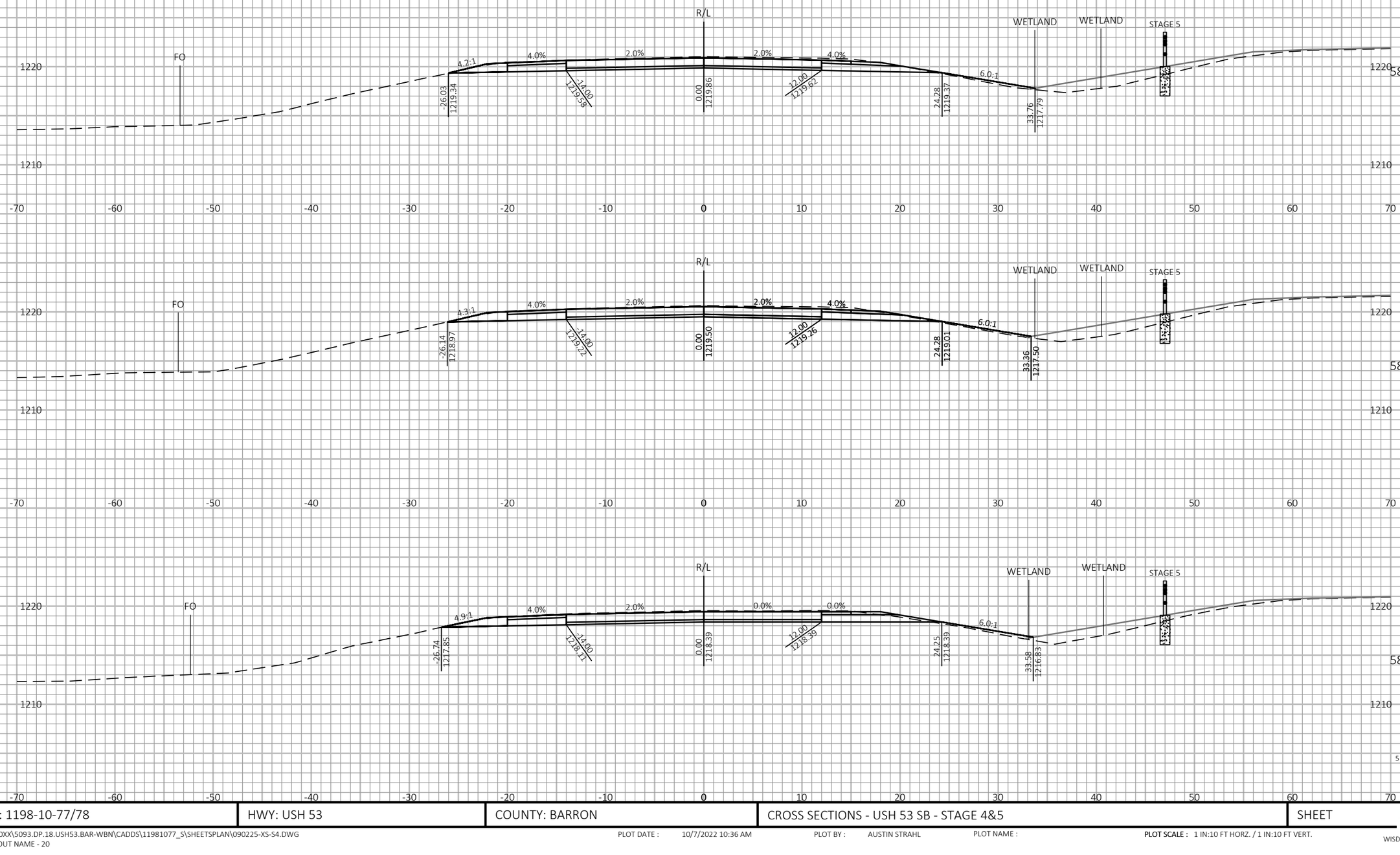
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 754	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 20

PLOT DATE : 10/7/2022 10:36 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

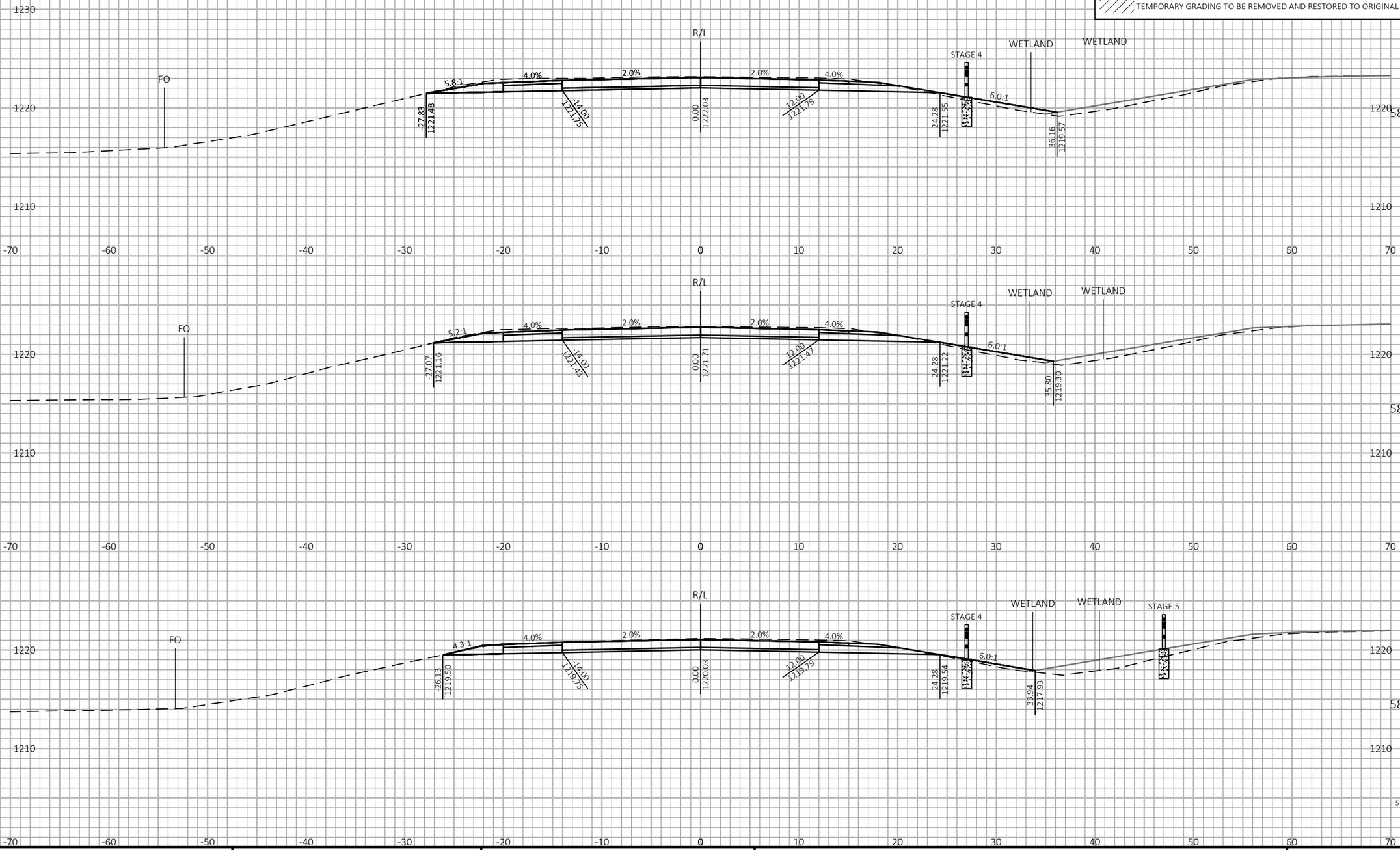
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 755	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 21

PLOT DATE : 10/7/2022 10:37 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

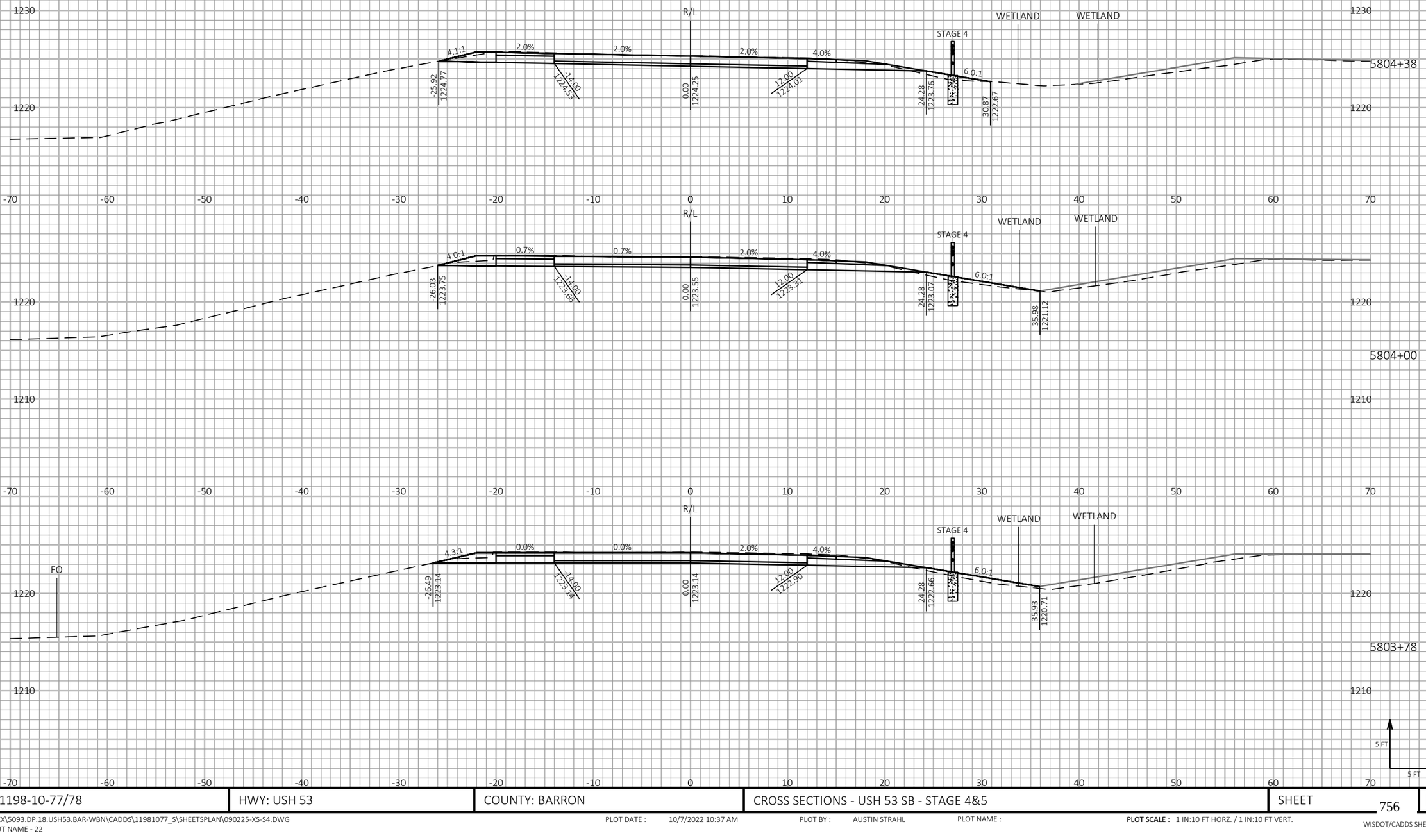
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 756	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 22

PLOT DATE : 10/7/2022 10:37 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

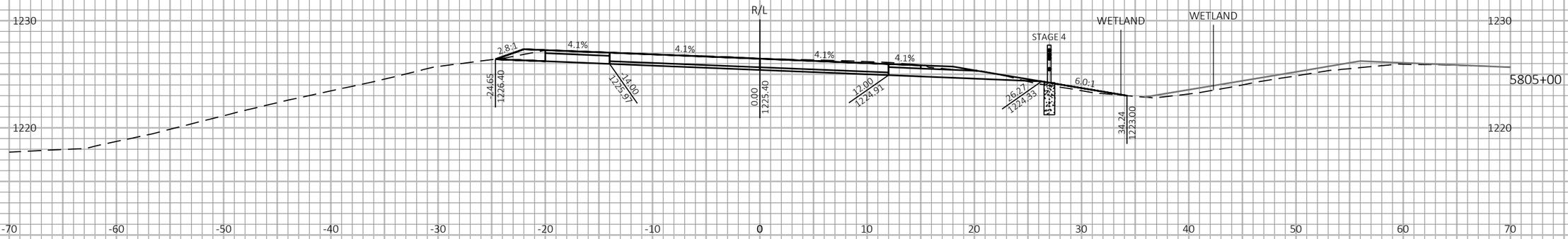
EXISTING GROUND

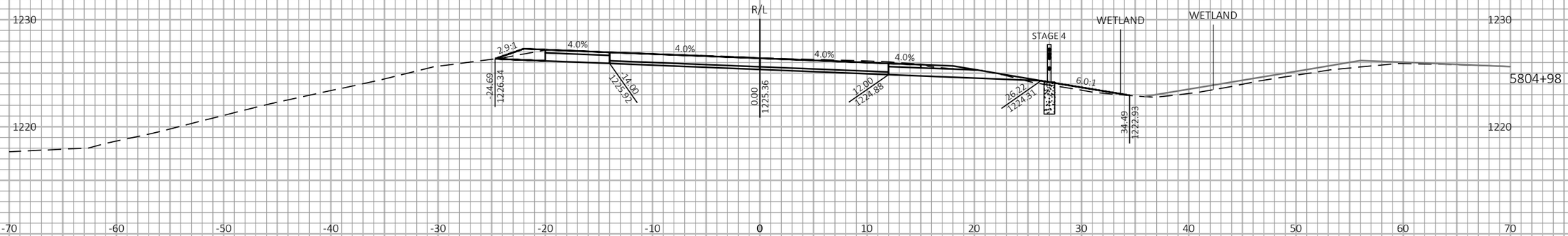
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

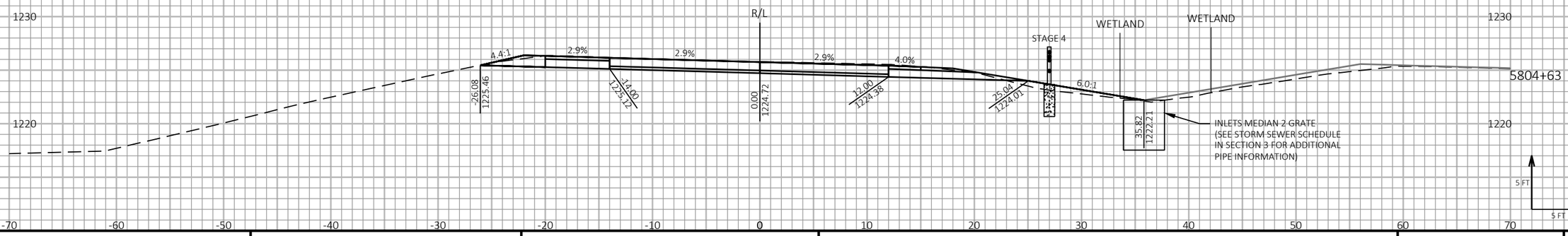
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 757	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 23

PLOT DATE : 10/7/2022 10:38 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

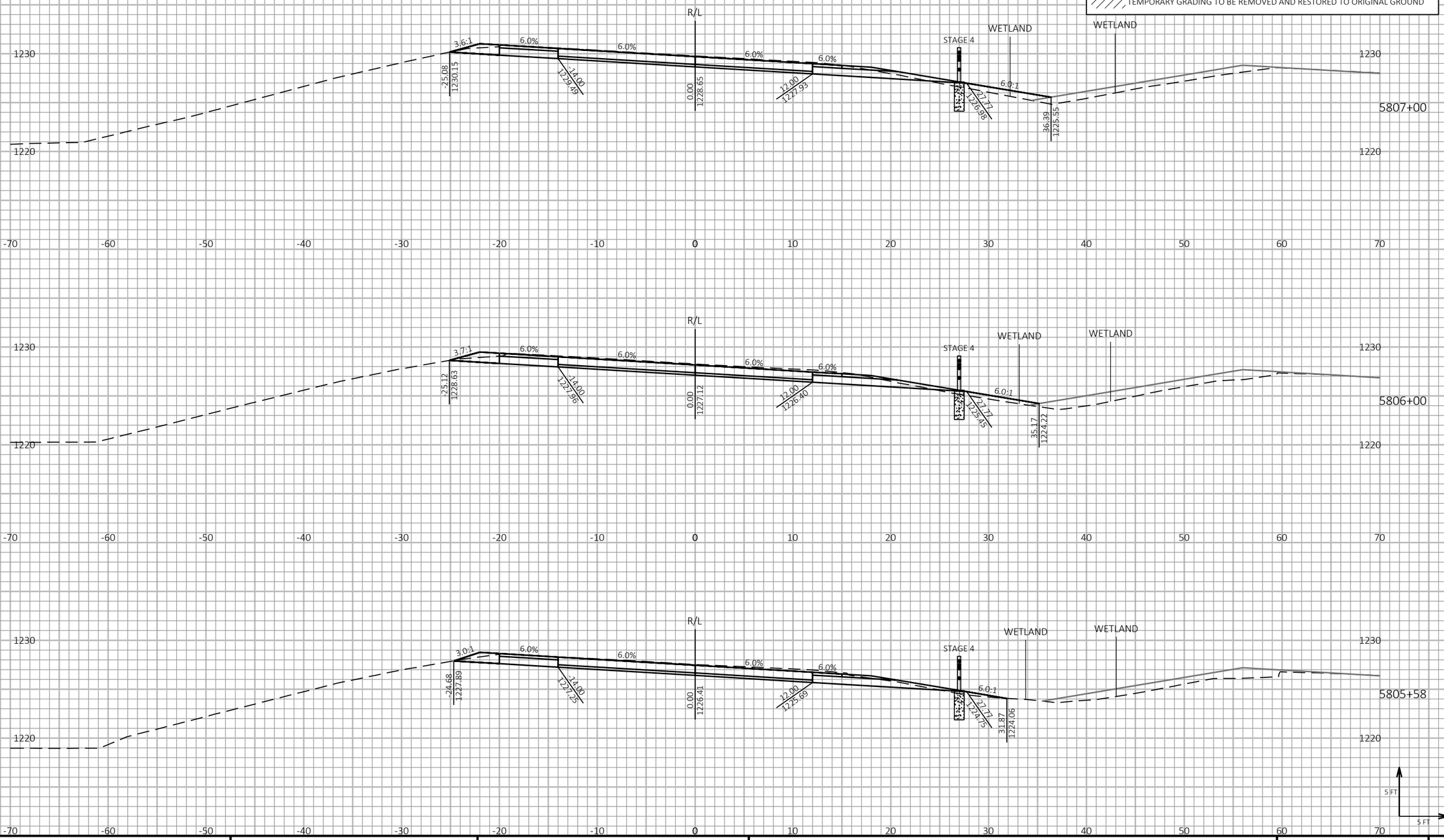
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 758	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 24

PLOT DATE : 10/7/2022 10:38 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

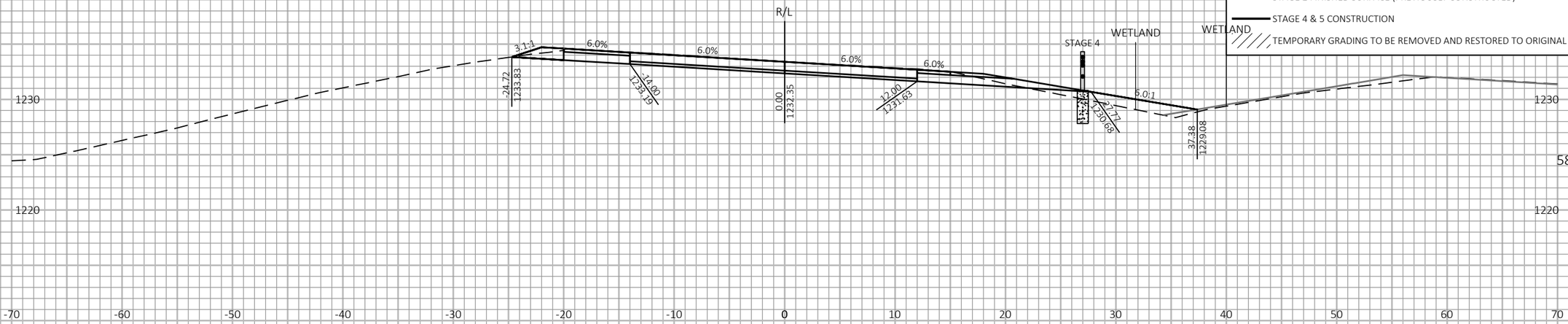
EXISTING GROUND

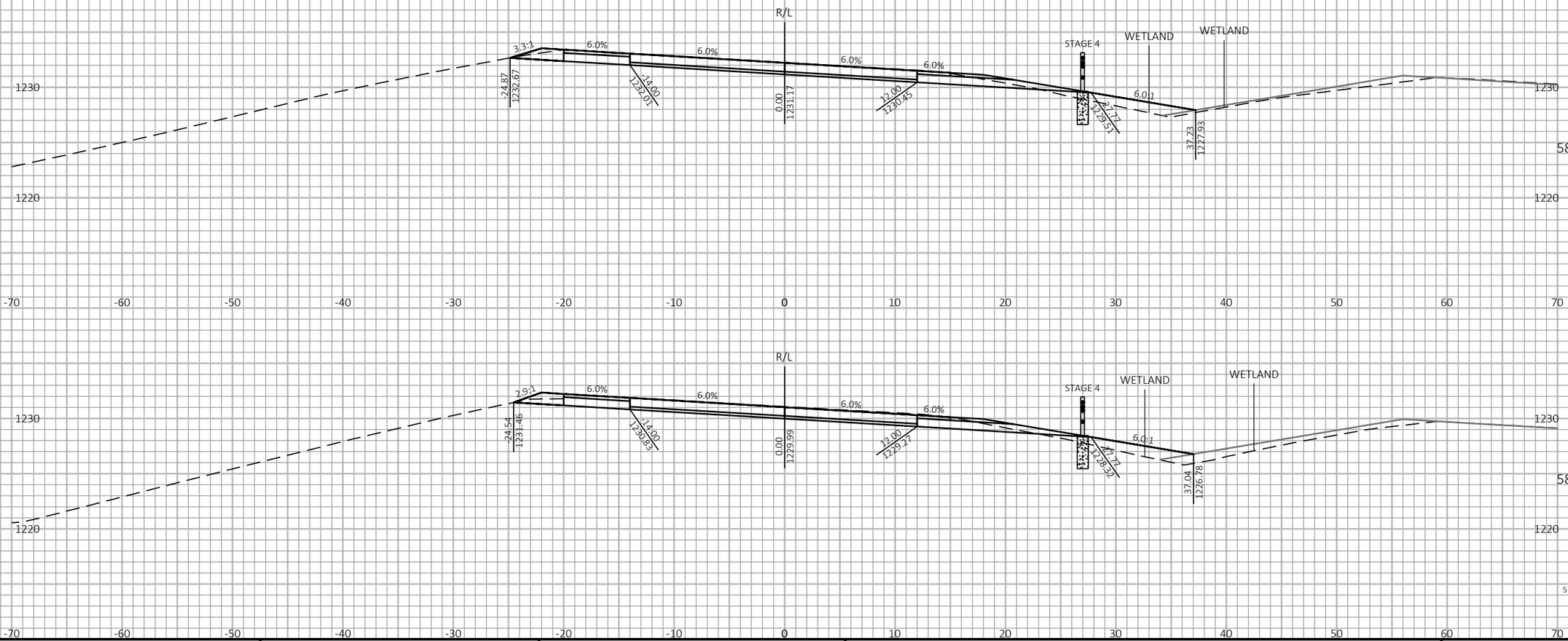
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 759	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 25

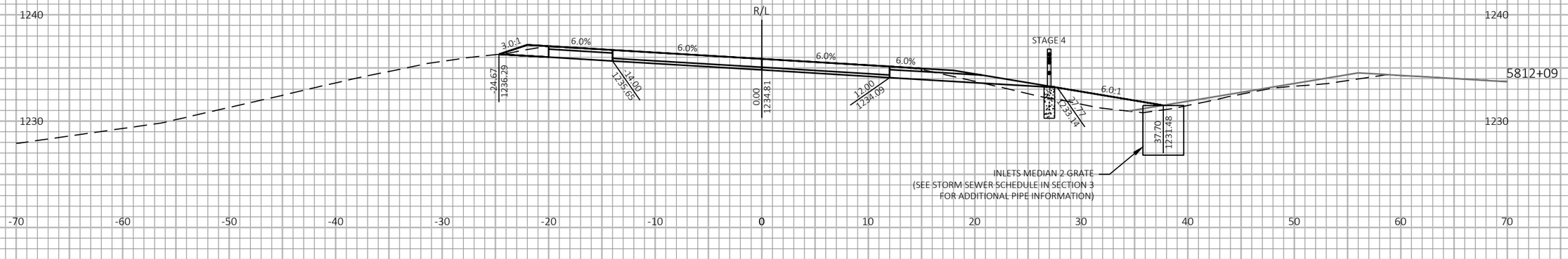
PLOT DATE : 10/7/2022 10:38 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

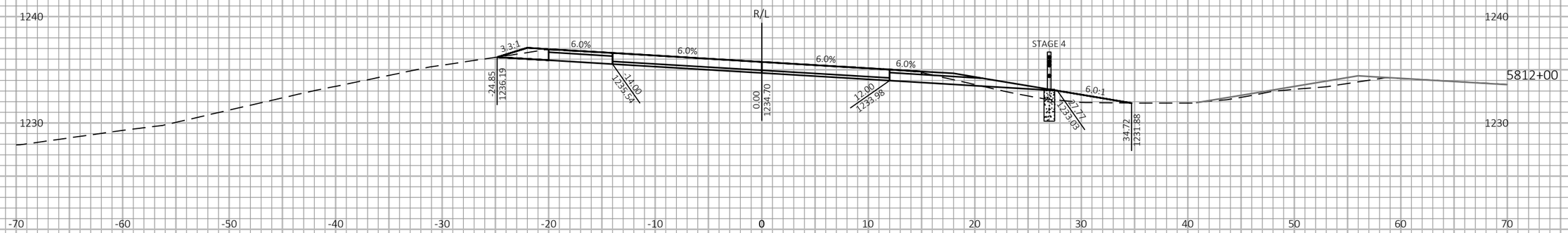
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

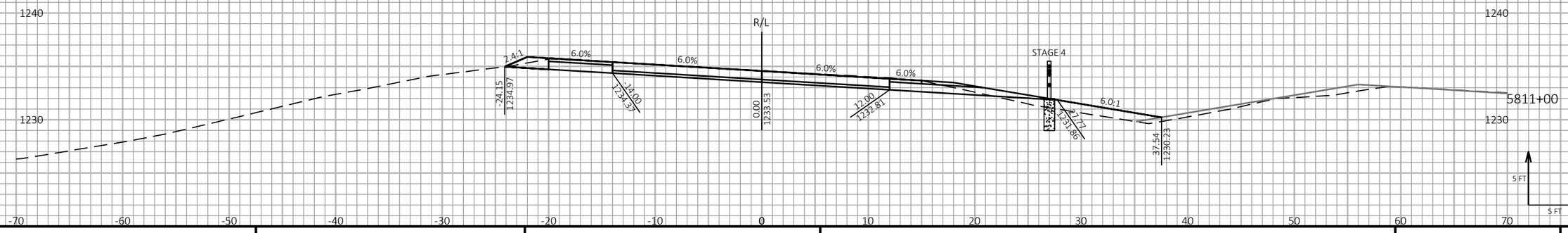
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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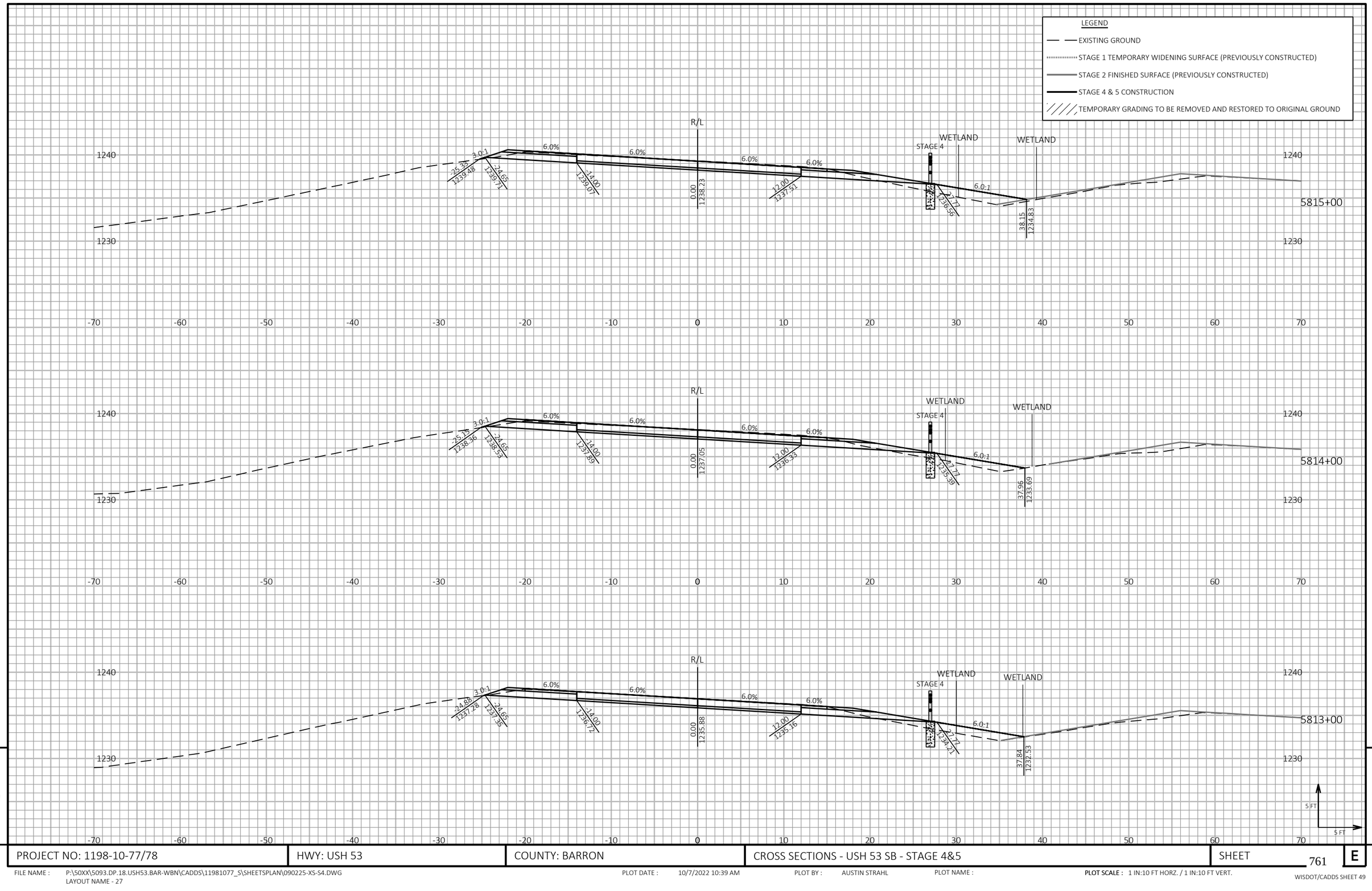
PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 760	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 26

PLOT DATE : 10/7/2022 10:39 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 761 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 27

PLOT DATE : 10/7/2022 10:39 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

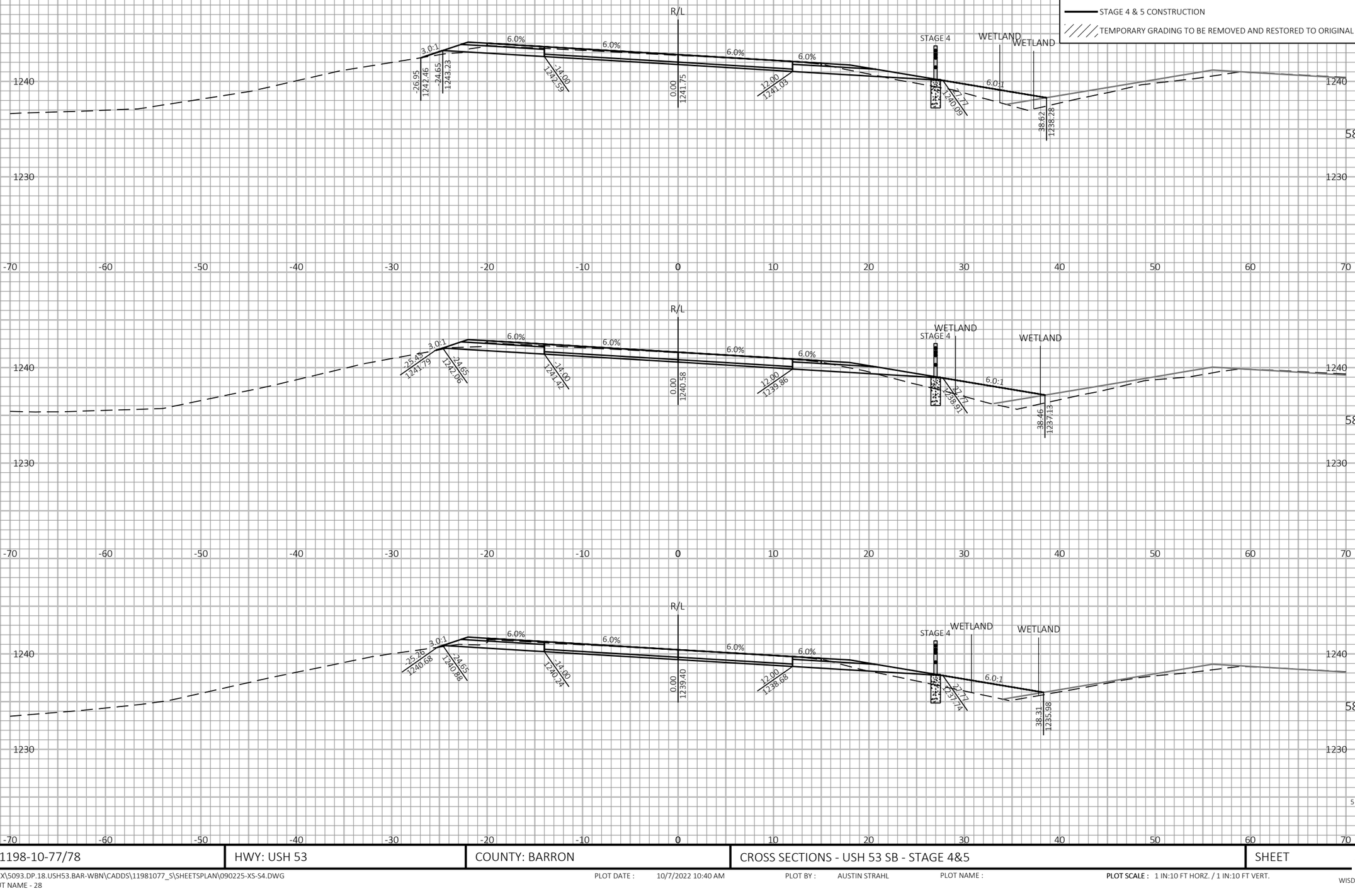
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 762	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 28

PLOT DATE : 10/7/2022 10:40 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

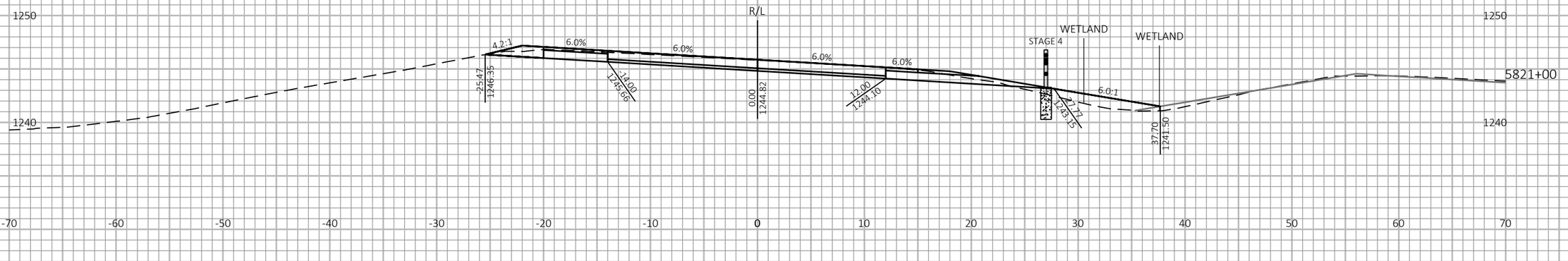
EXISTING GROUND

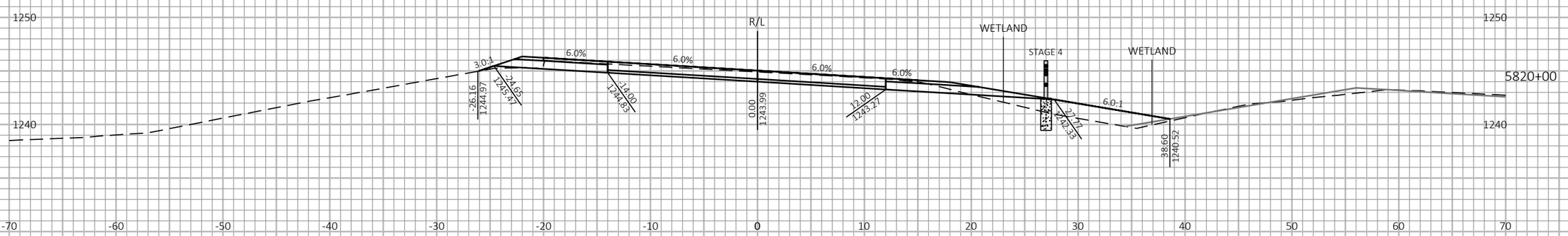
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

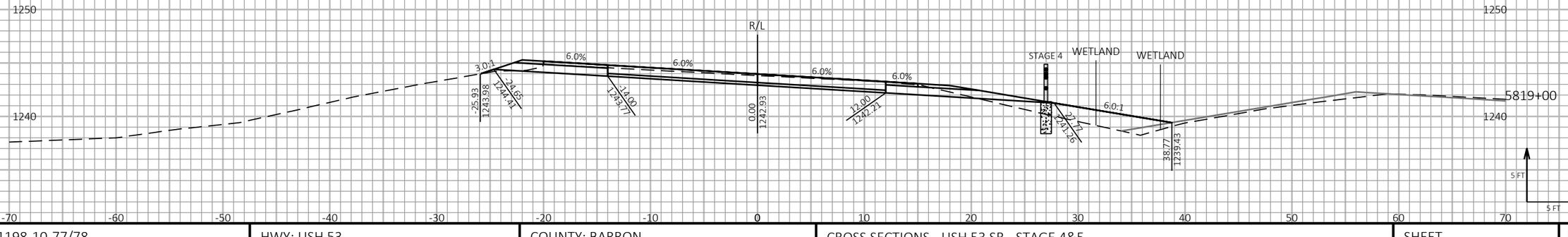
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 763	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 29

PLOT DATE : 10/7/2022 10:40 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

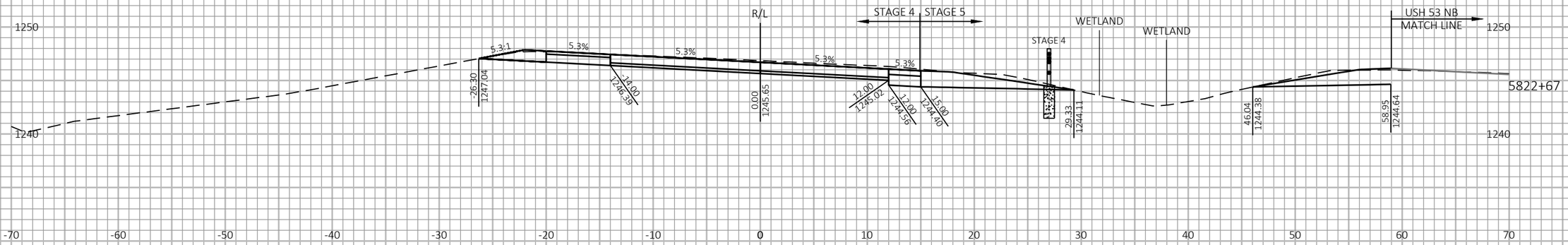
EXISTING GROUND

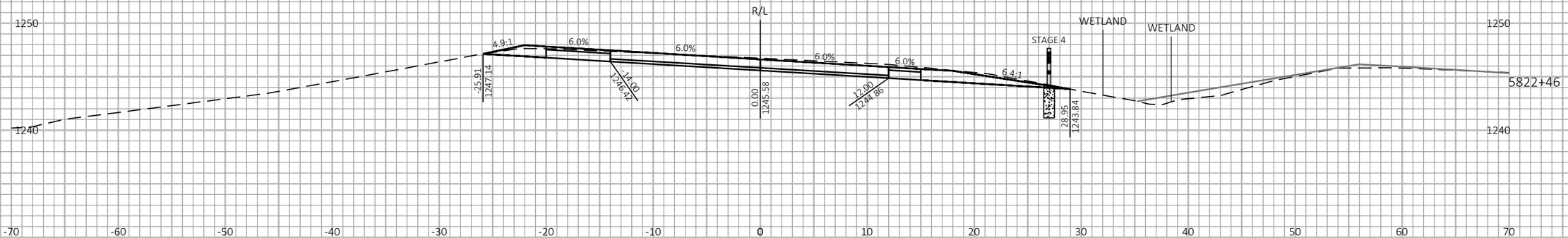
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

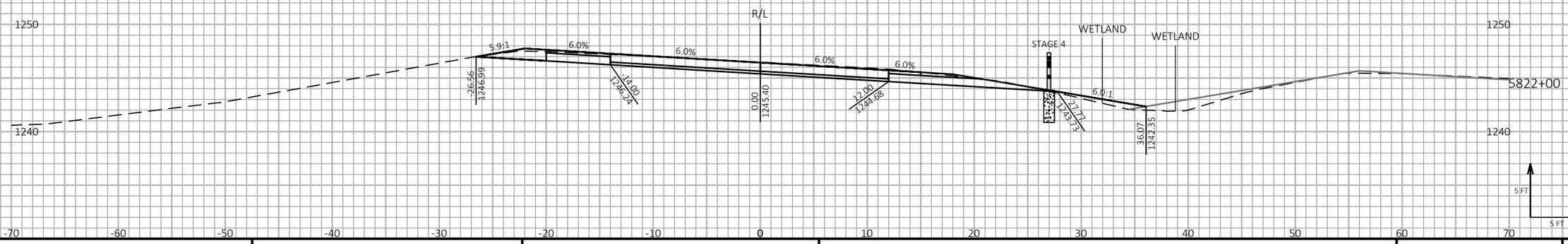
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 764	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 30

PLOT DATE : 10/20/2022 12:25 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

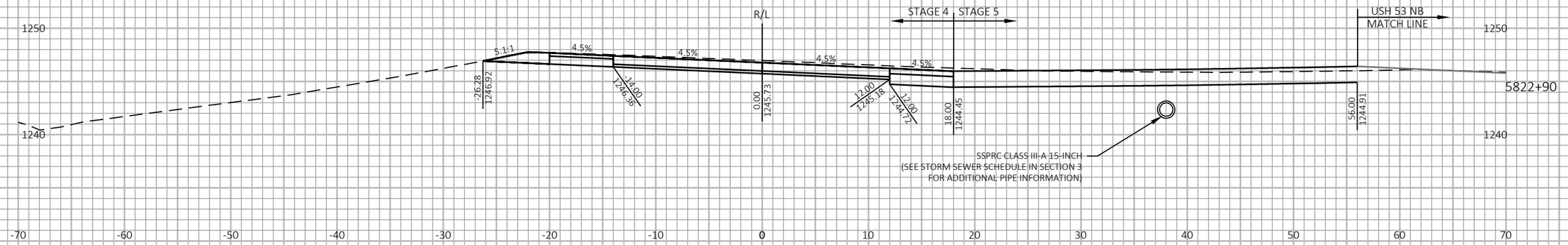
EXISTING GROUND

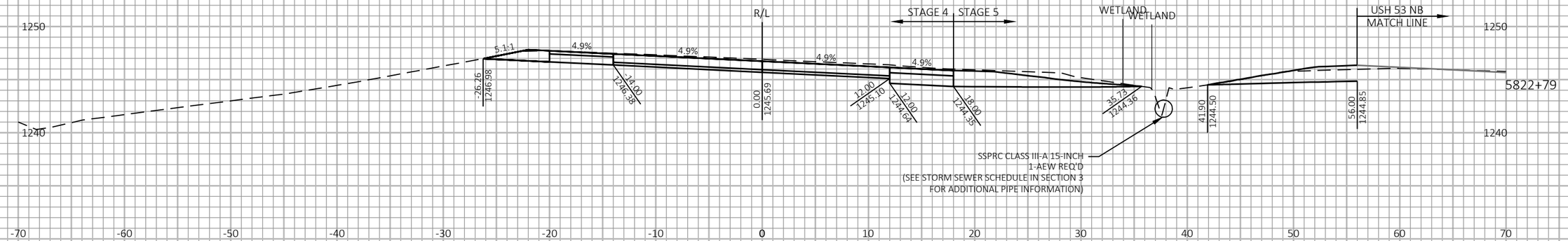
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

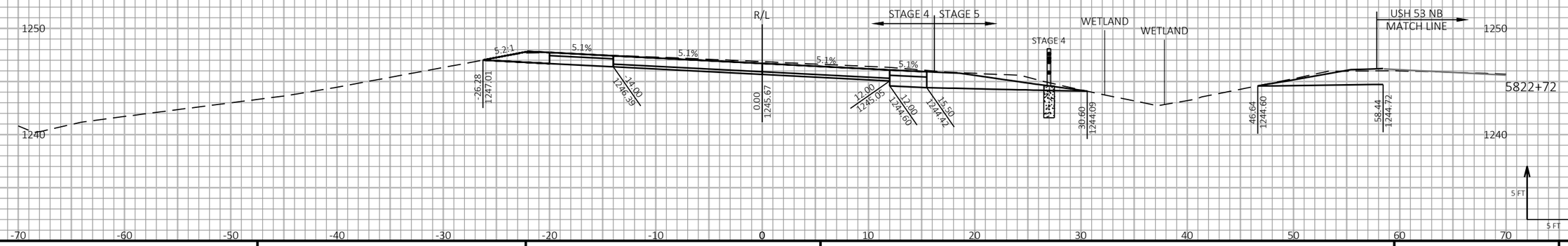
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 765	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 31

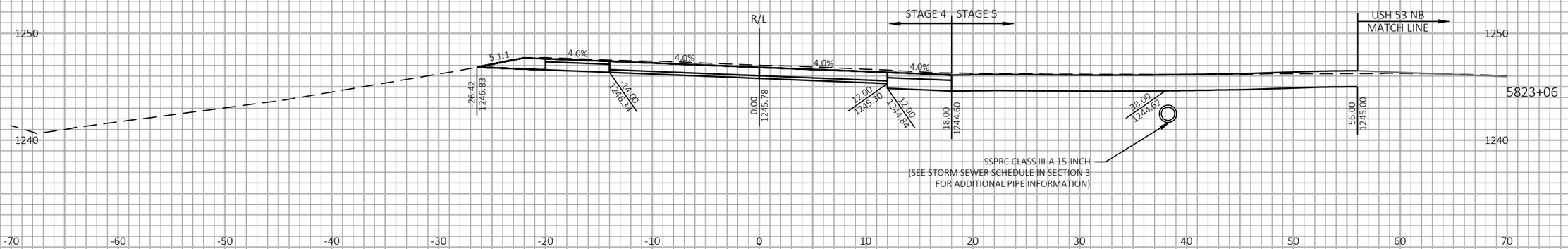
PLOT DATE : 10/20/2022 12:25 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

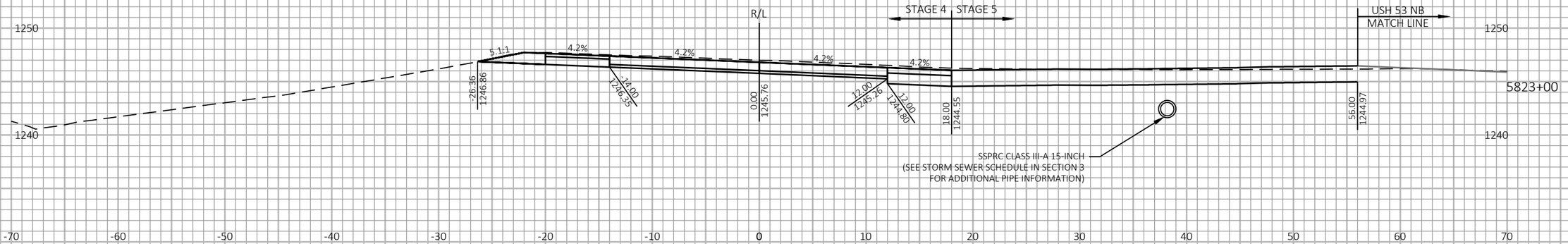
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

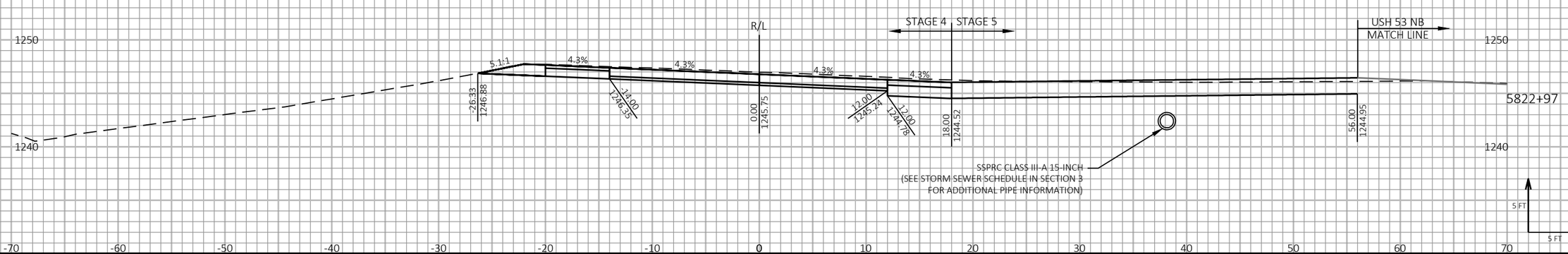
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 766	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 32

PLOT DATE : 10/7/2022 10:41 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

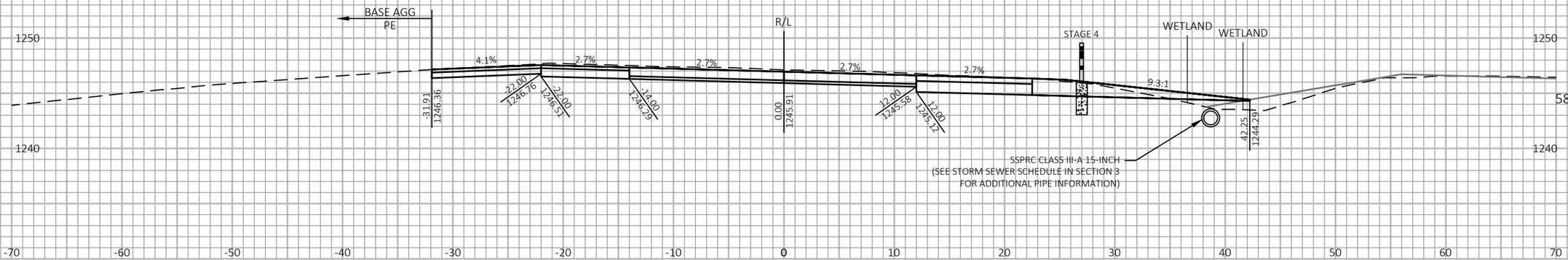
EXISTING GROUND

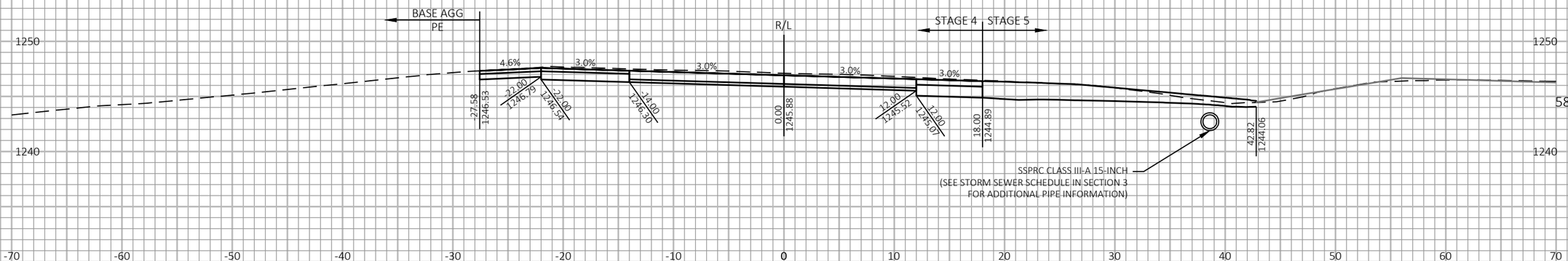
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

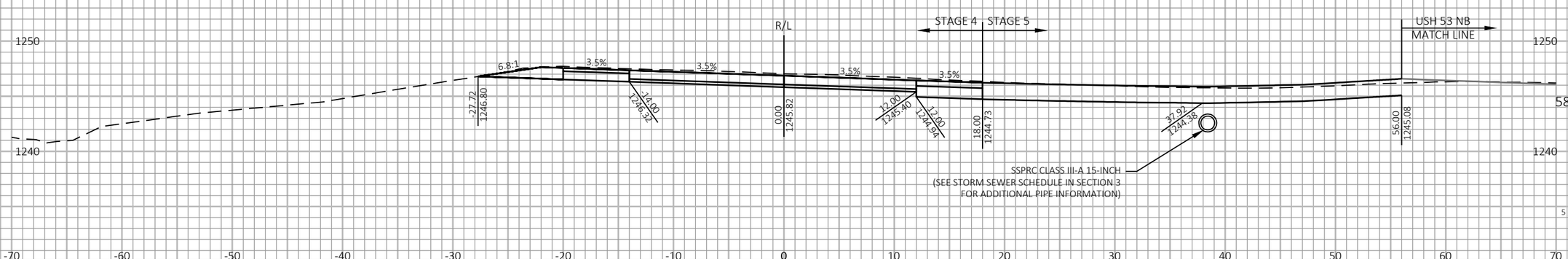
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 767	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 33

PLOT DATE : 10/7/2022 10:42 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

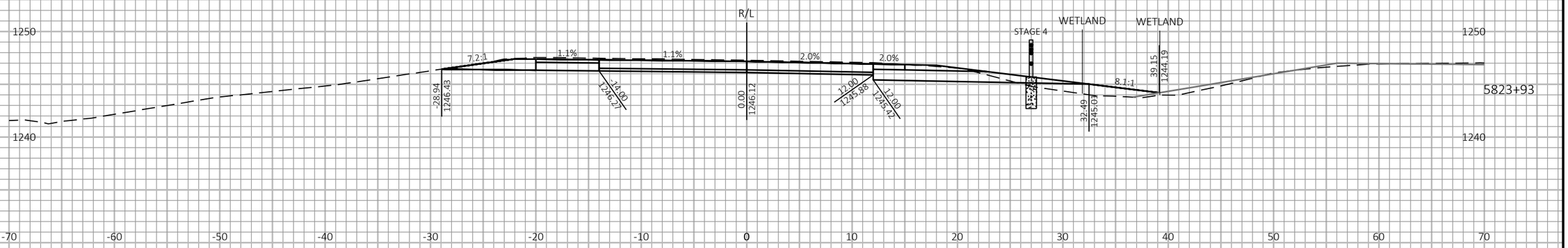
EXISTING GROUND

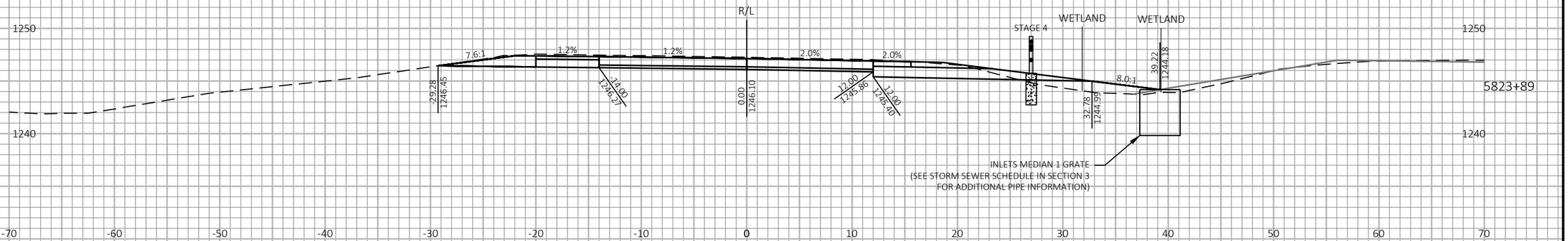
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

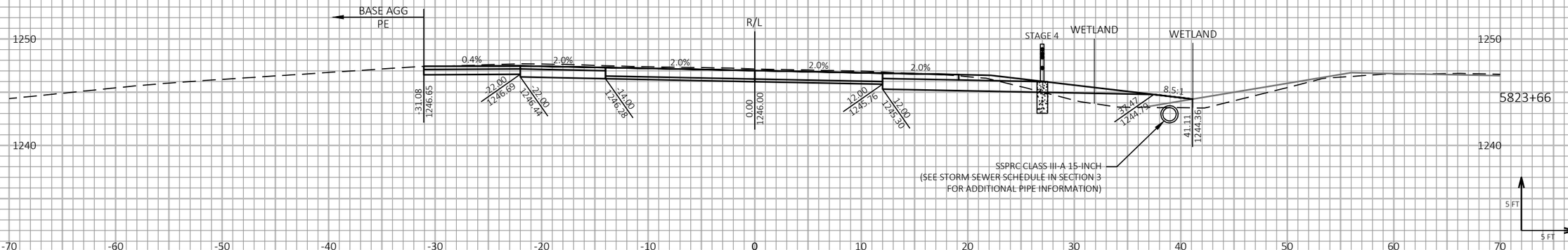
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 768	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 34

PLOT DATE : 10/7/2022 10:42 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

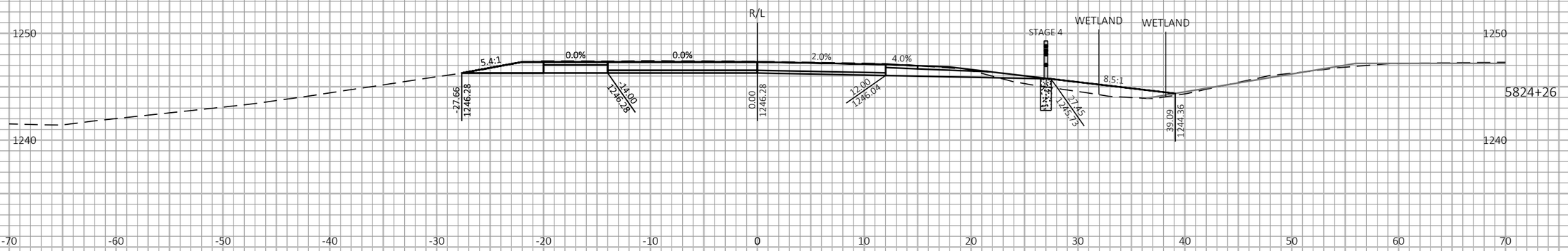
EXISTING GROUND

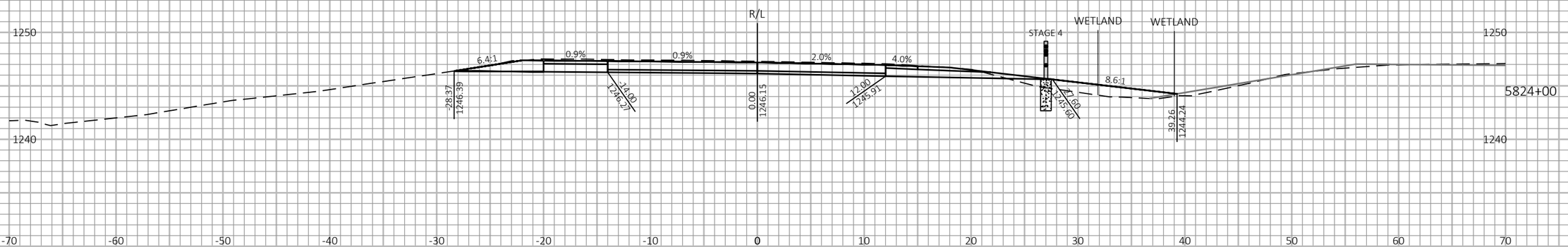
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

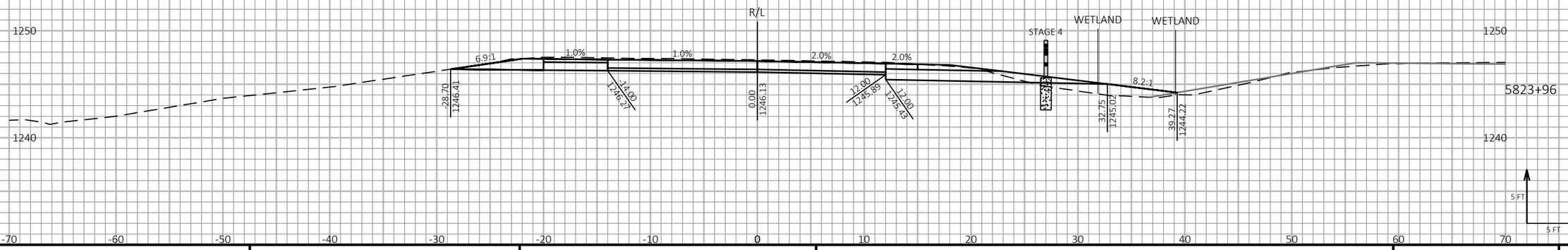
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 769	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 35

PLOT DATE : 10/7/2022 10:42 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

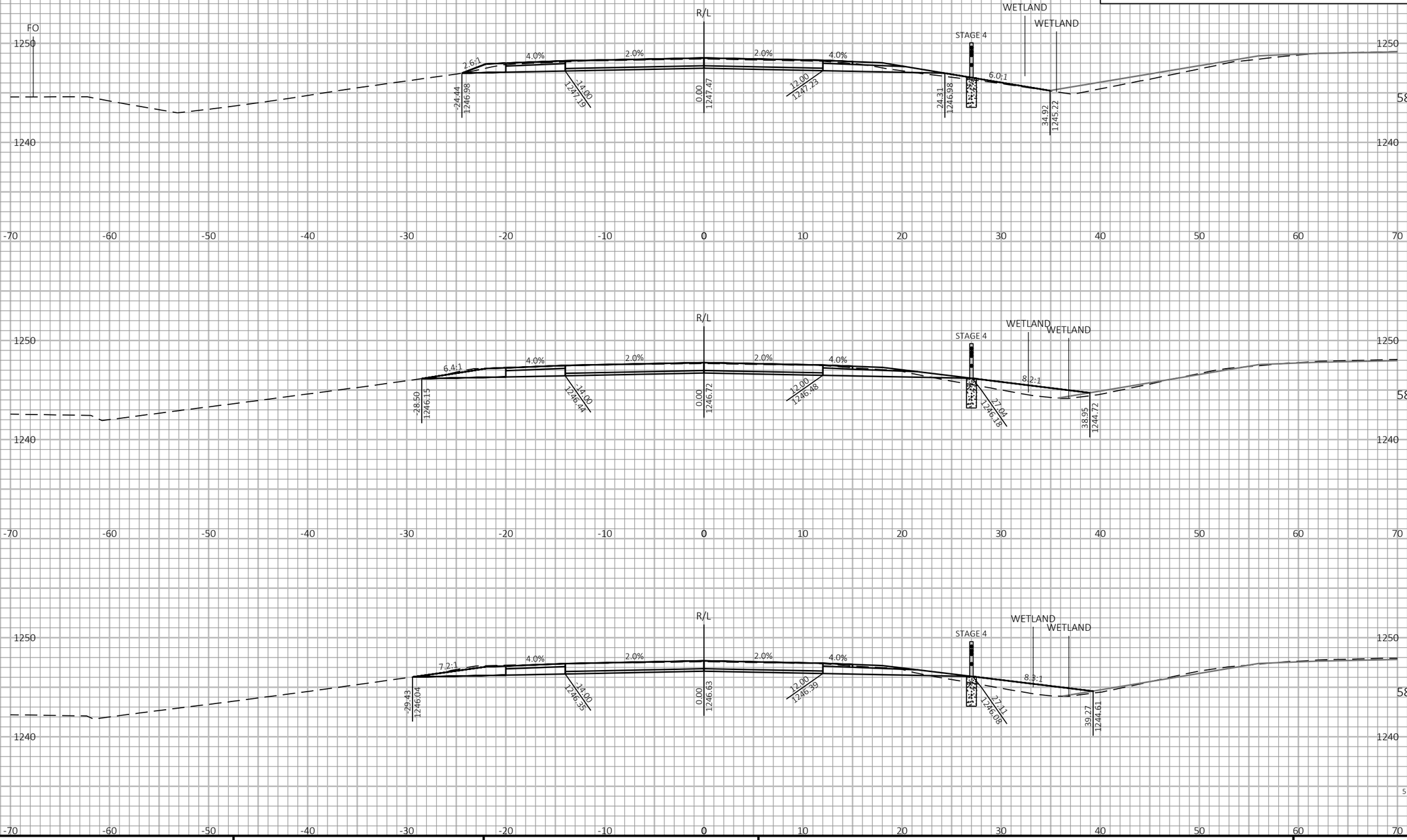
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 770	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 36

PLOT DATE : 10/7/2022 10:43 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

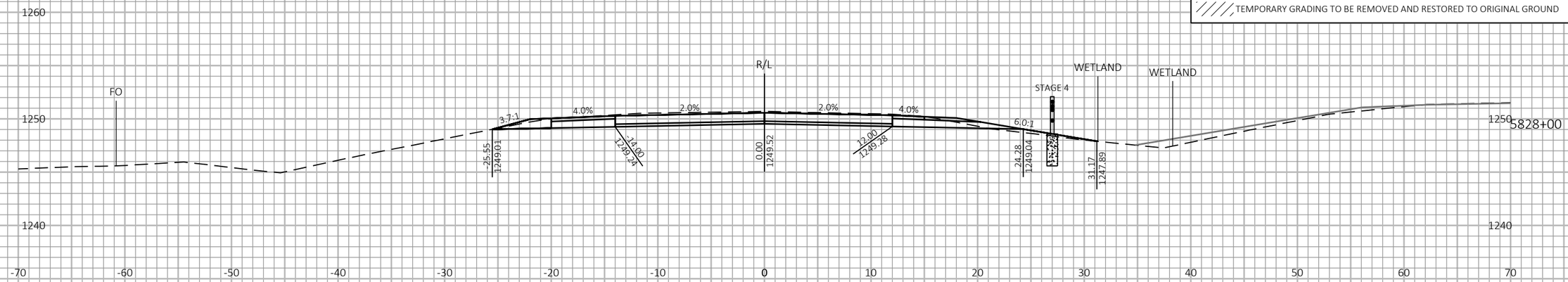
EXISTING GROUND

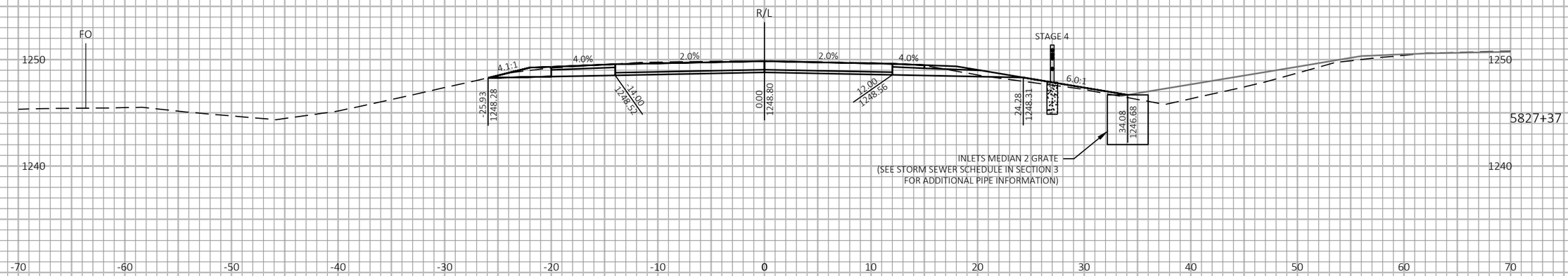
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

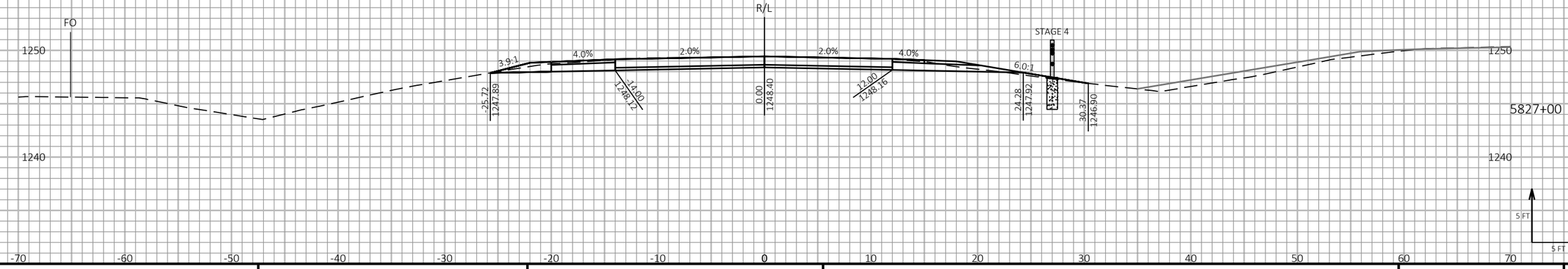
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 771	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 37

PLOT DATE : 10/7/2022 10:43 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

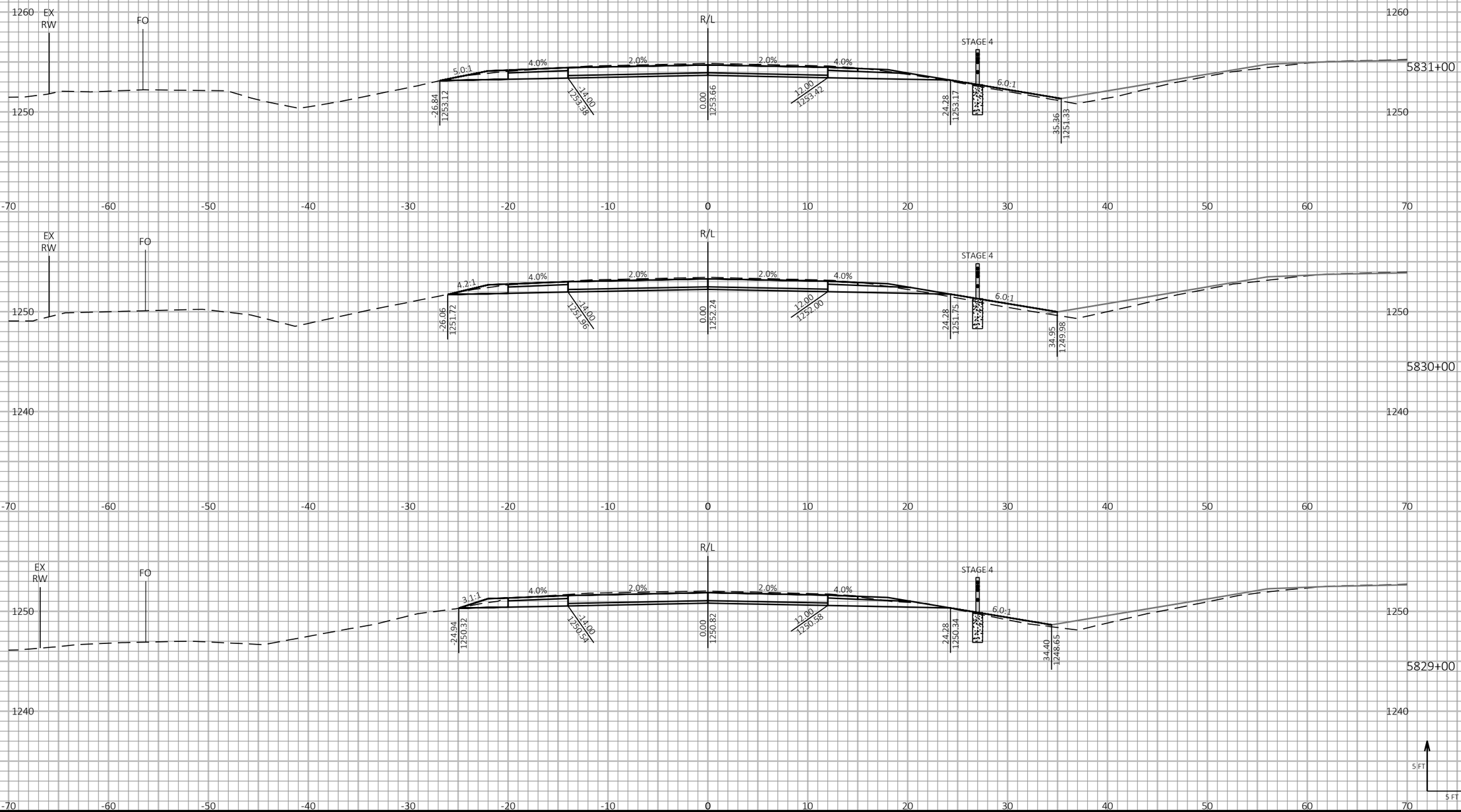
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 772	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 38

PLOT DATE : 10/7/2022 10:44 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

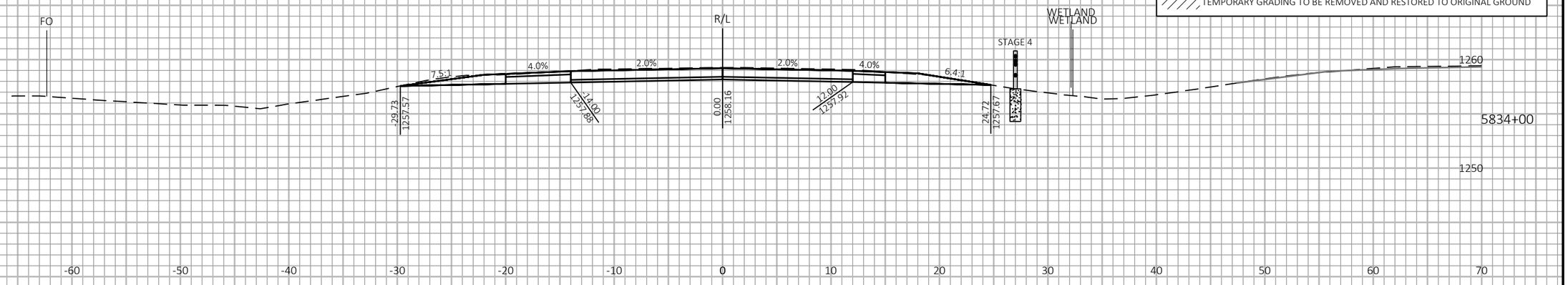
EXISTING GROUND

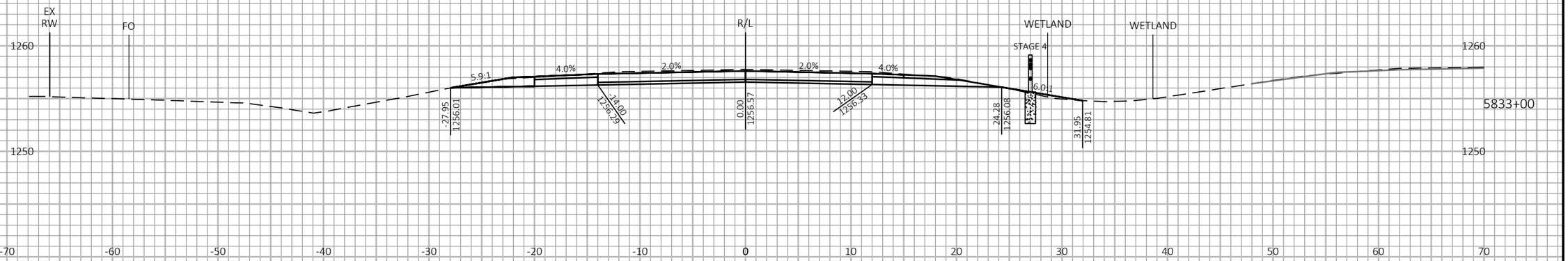
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

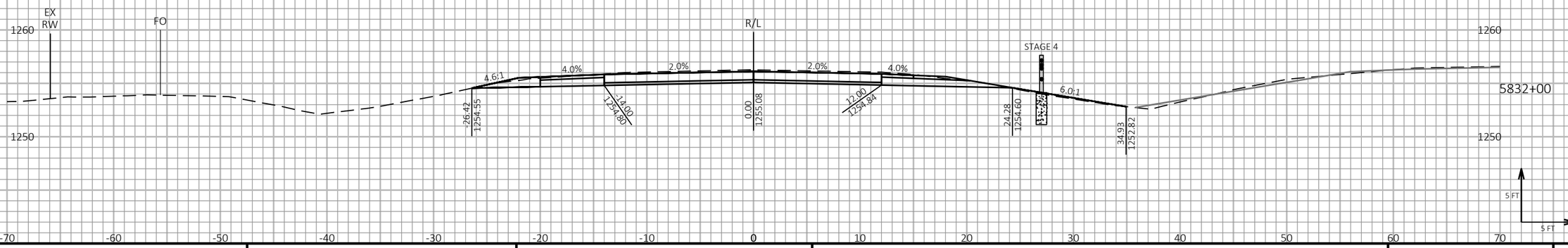
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 773	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 39

PLOT DATE : 10/7/2022 10:44 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

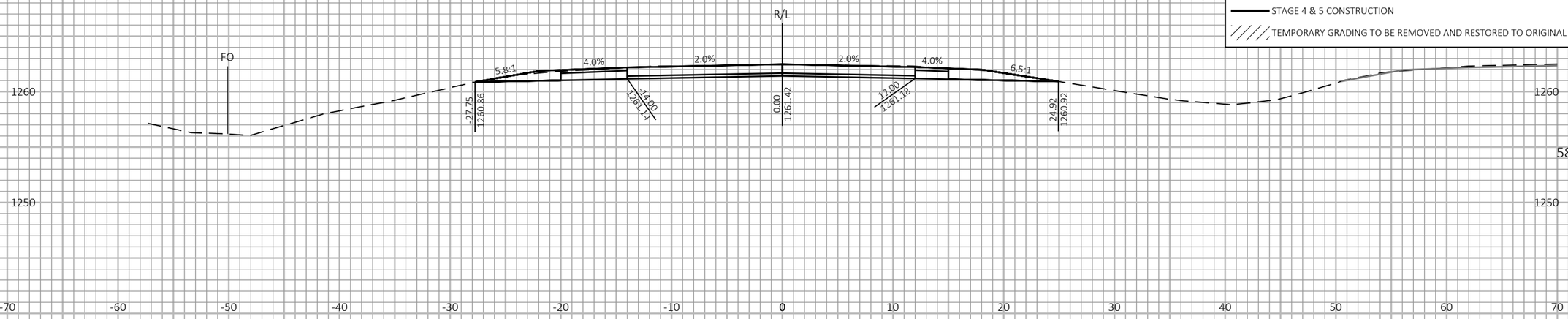
EXISTING GROUND

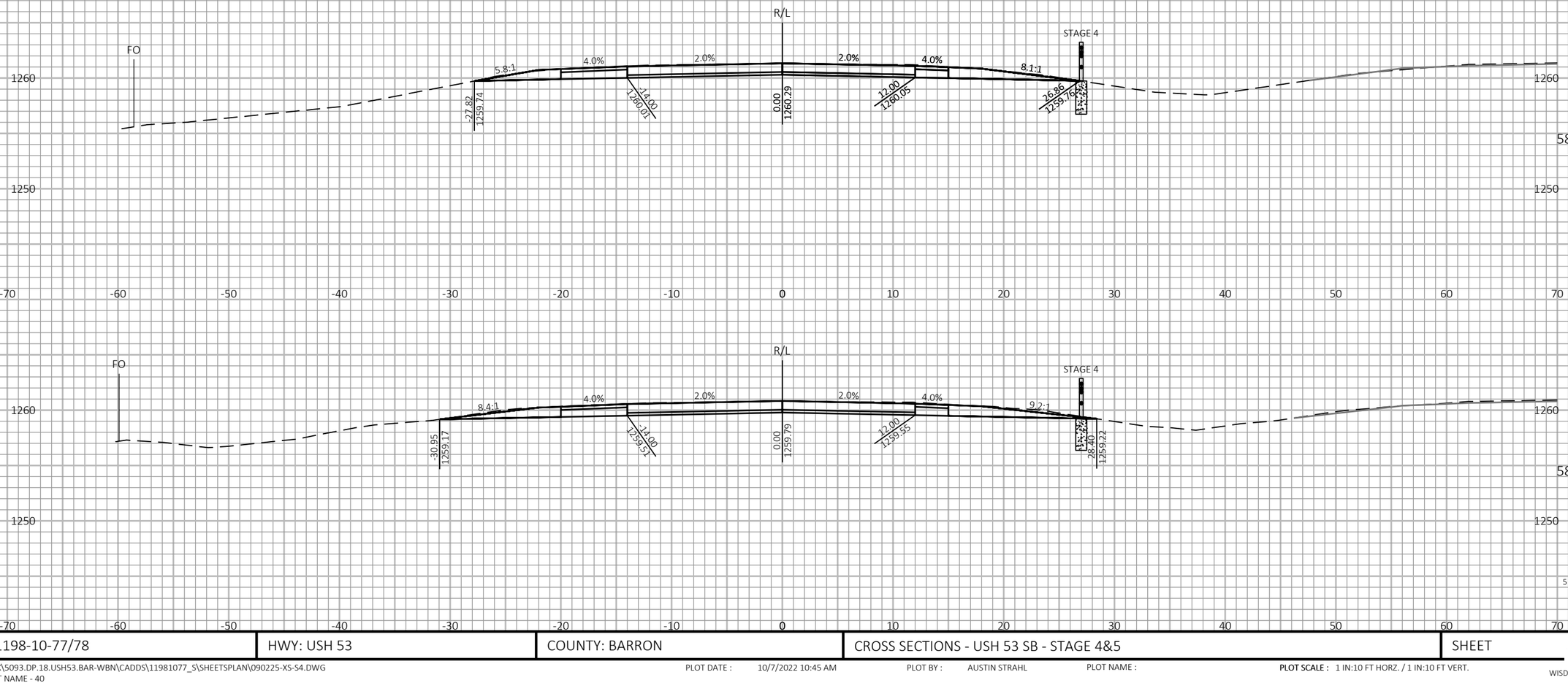
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1198-10-77/78	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 774	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090225-XS-S4.DWG
LAYOUT NAME - 40

PLOT DATE : 10/7/2022 10:45 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

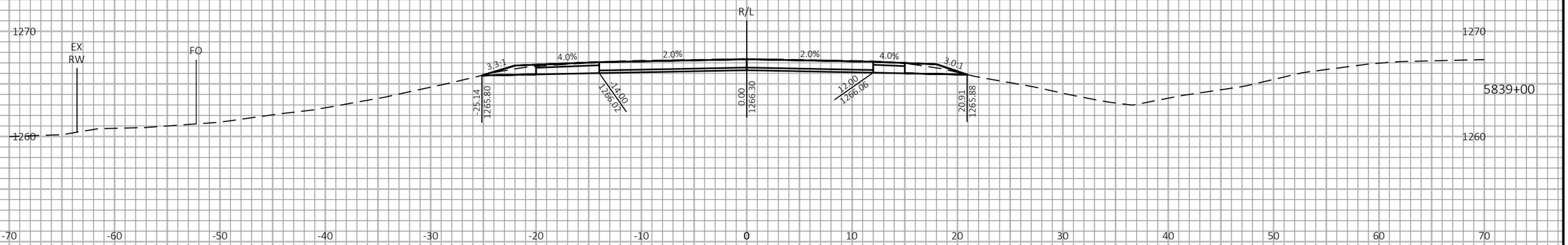
EXISTING GROUND

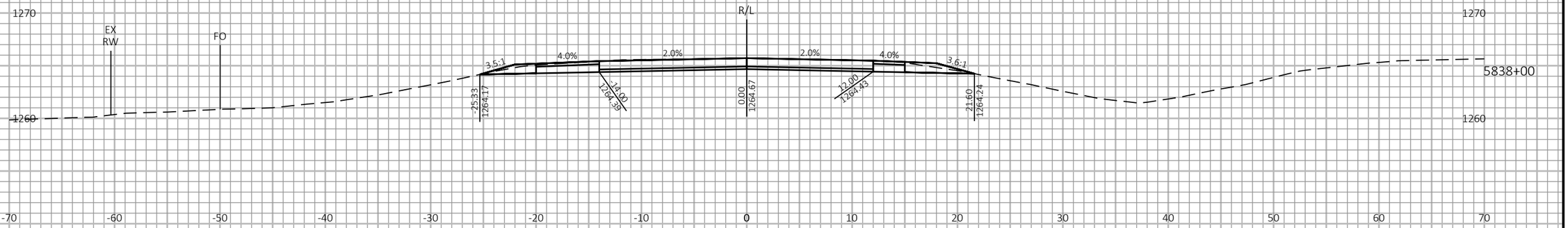
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

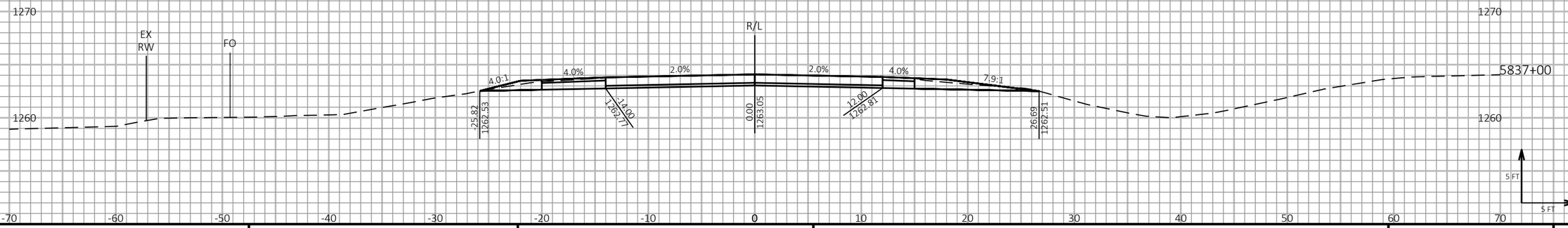
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 775	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 2/1/2022 12:32 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

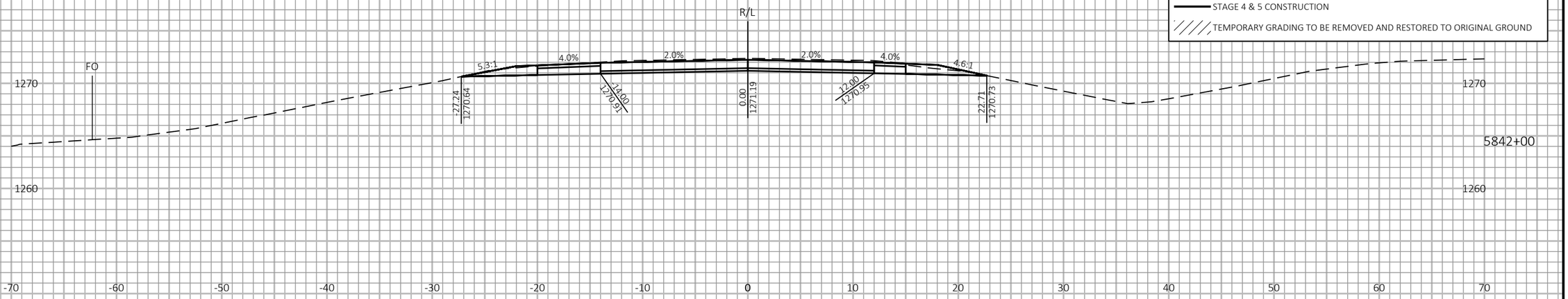
EXISTING GROUND

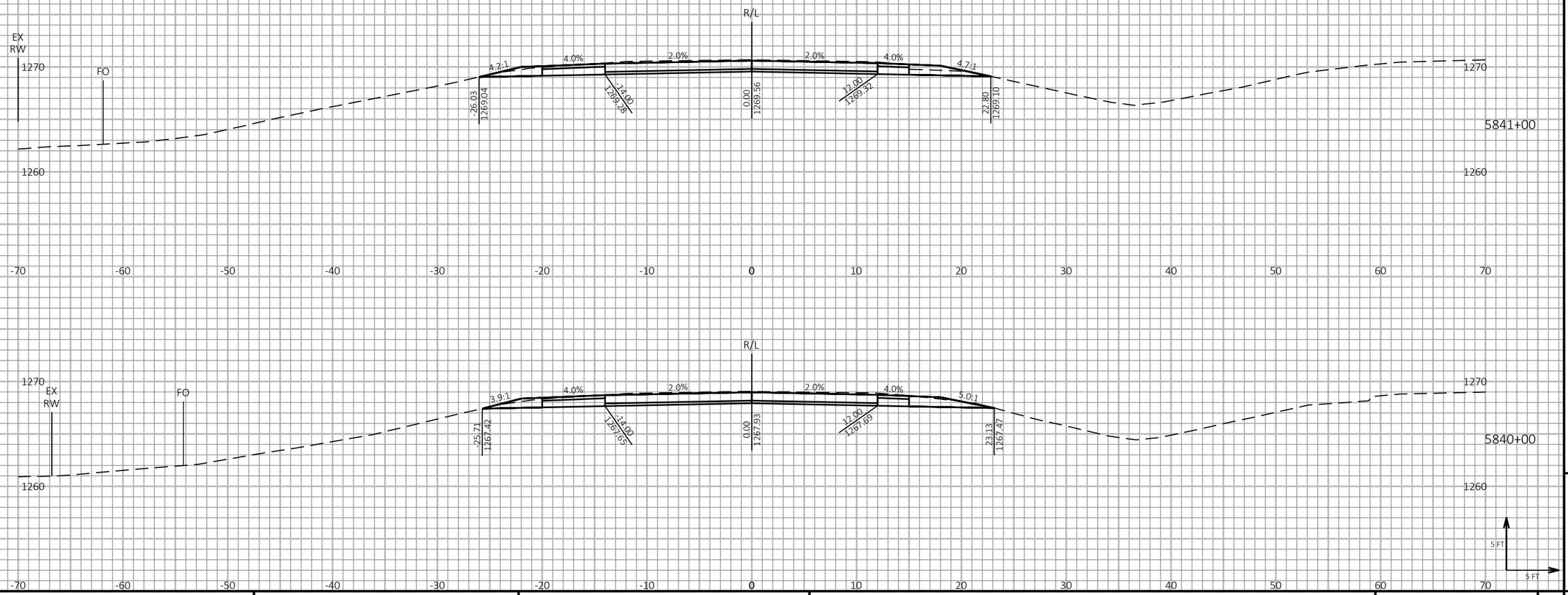
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 776	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 2/1/2022 12:32 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

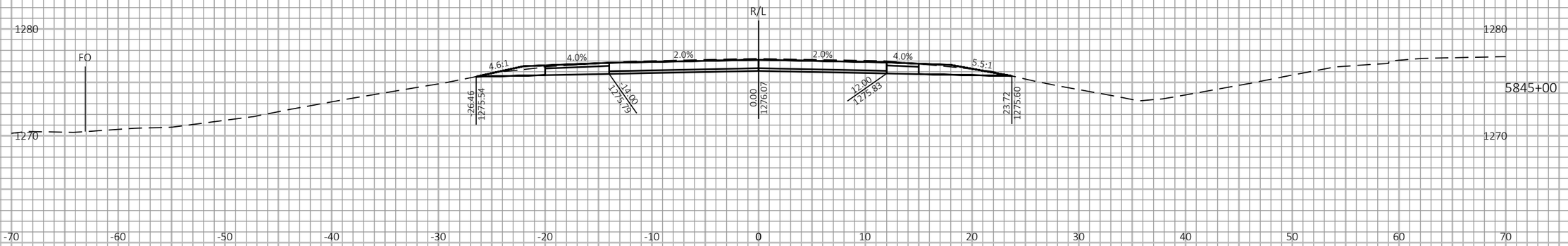
EXISTING GROUND

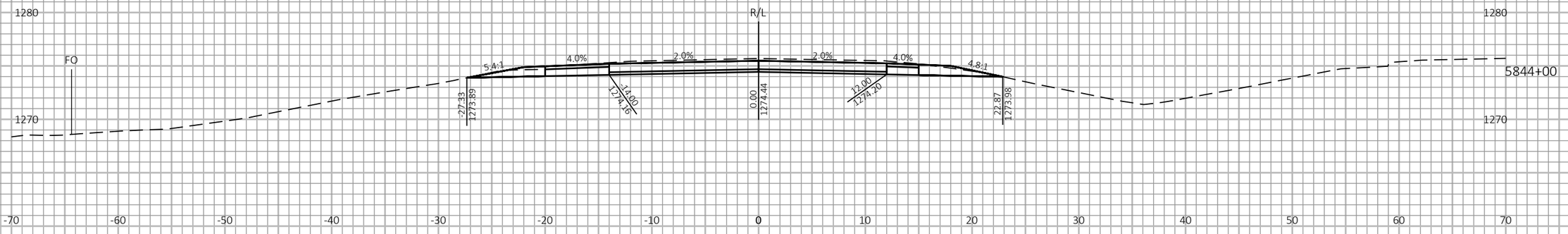
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

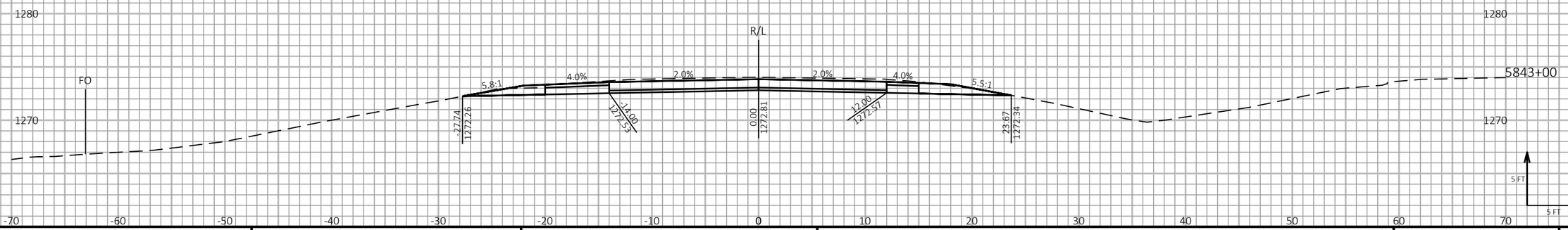
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 777	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 2/1/2022 12:32 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

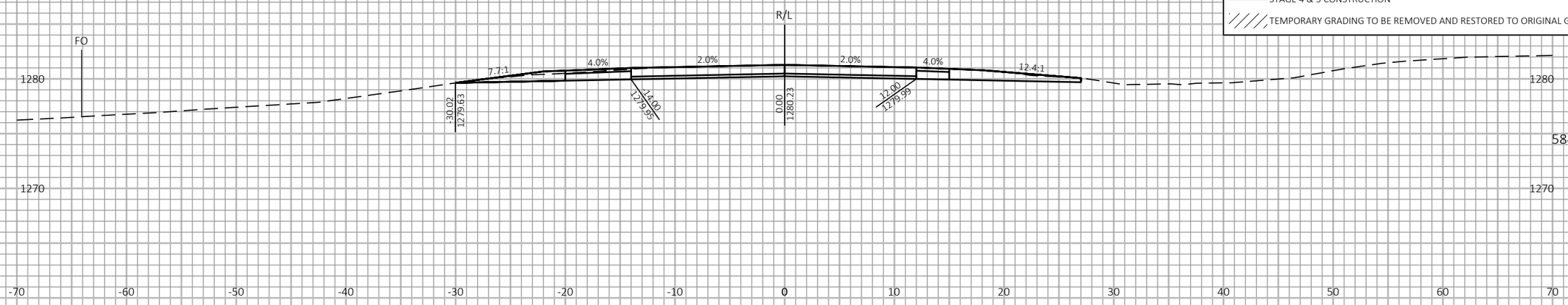
EXISTING GROUND

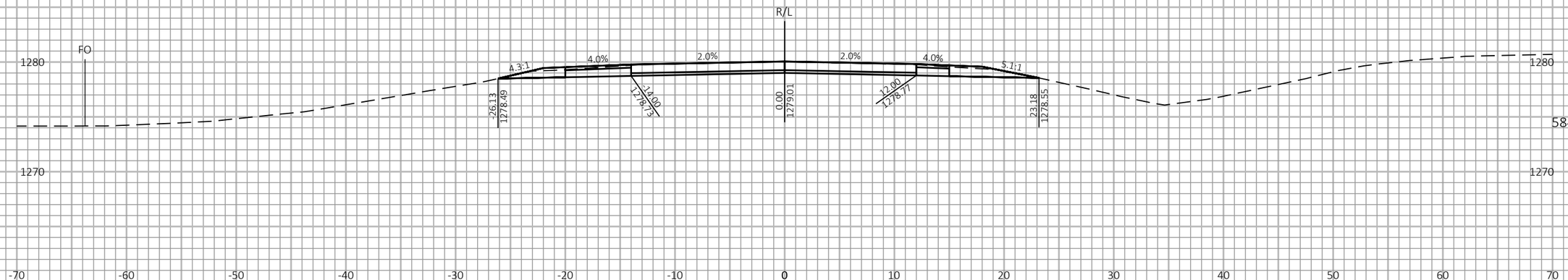
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

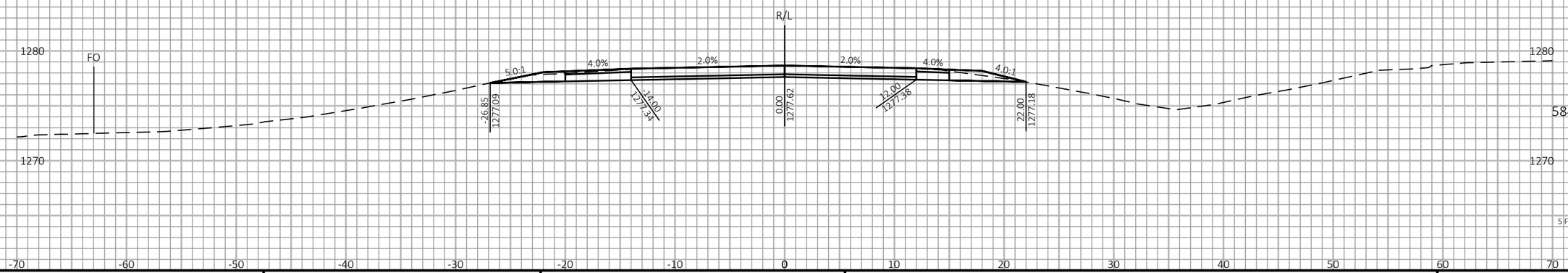
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 778	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 04

PLOT DATE : 2/1/2022 12:32 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

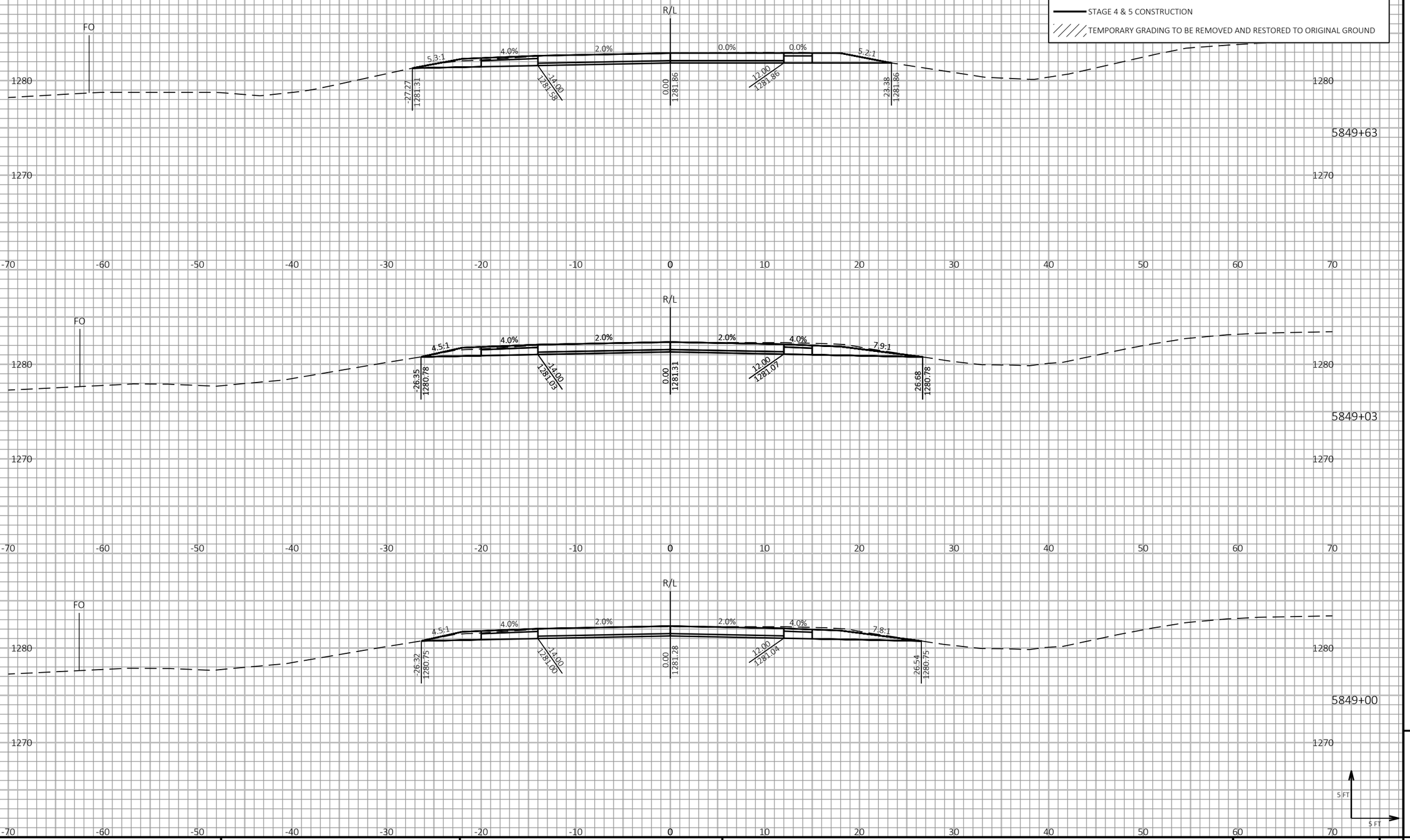
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 779	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 05

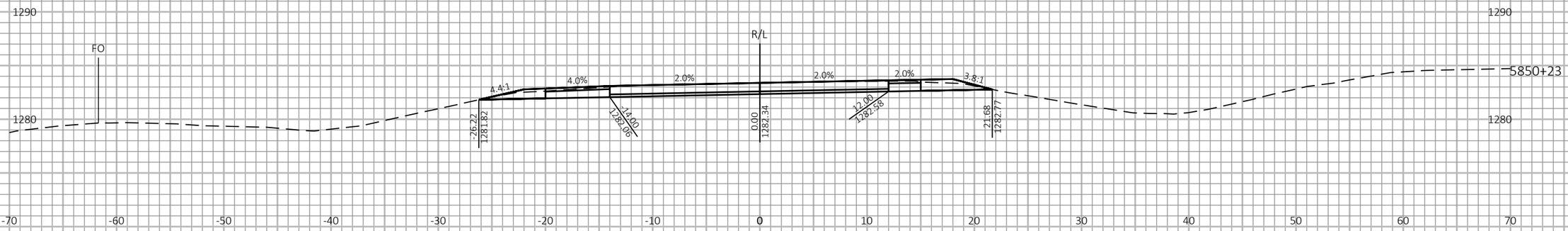
PLOT DATE : 2/1/2022 12:32 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

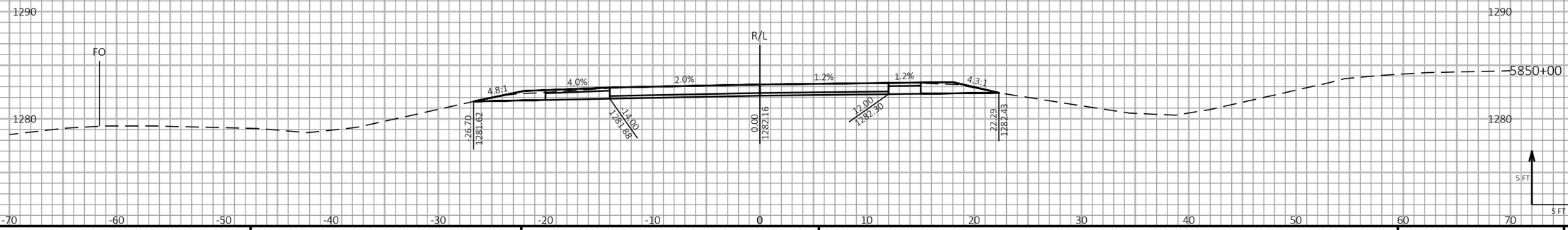
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 780	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 06

PLOT DATE : 2/1/2022 12:32 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

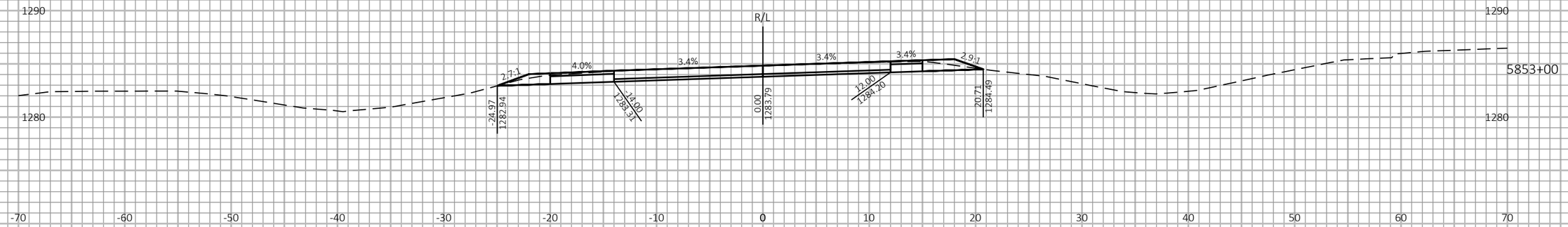
EXISTING GROUND

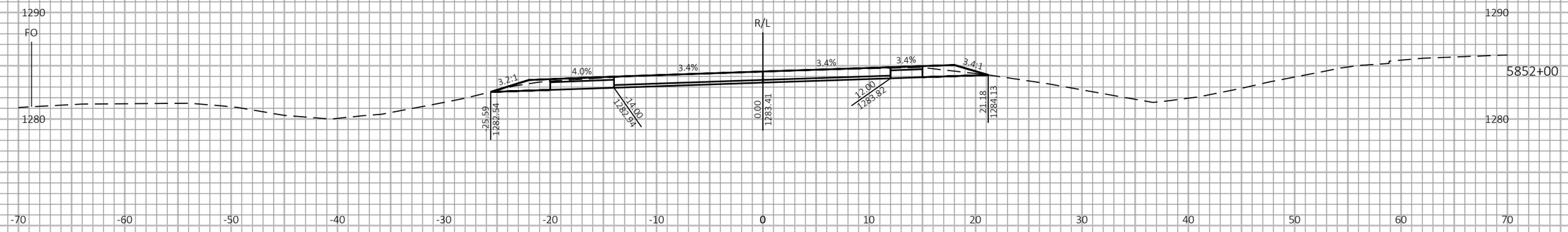
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

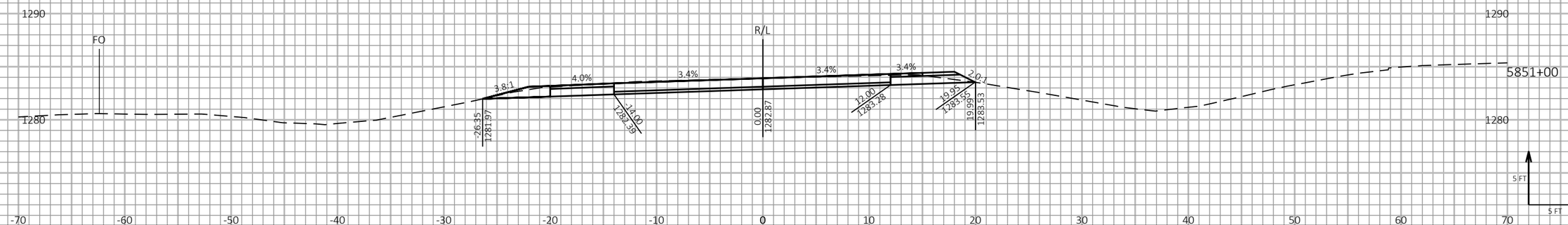
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 781	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 07

PLOT DATE : 2/1/2022 12:32 PM

PLOT BY : AUSTIN STRAHL

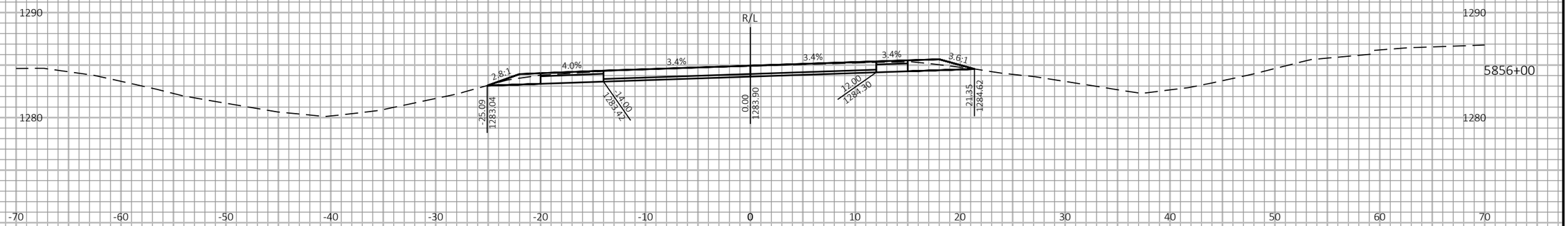
PLOT NAME :

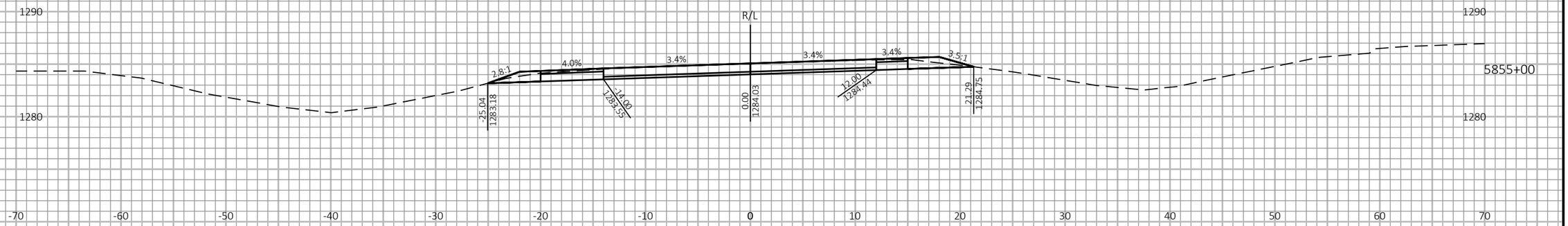
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

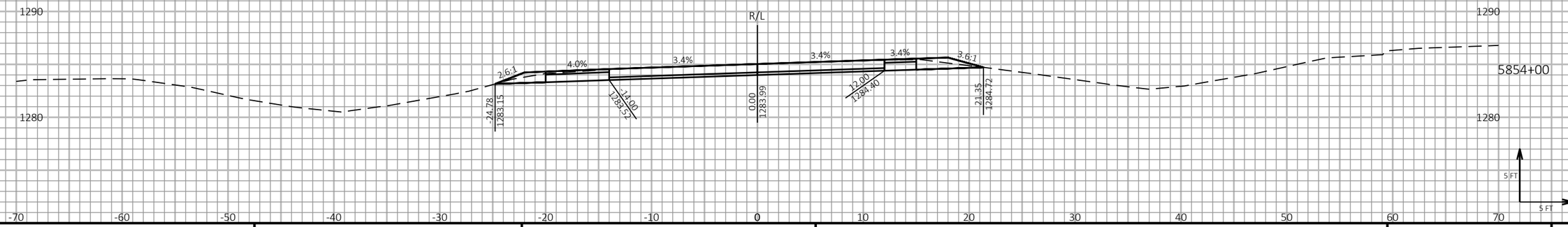
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 782	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 08

PLOT DATE : 2/1/2022 12:32 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

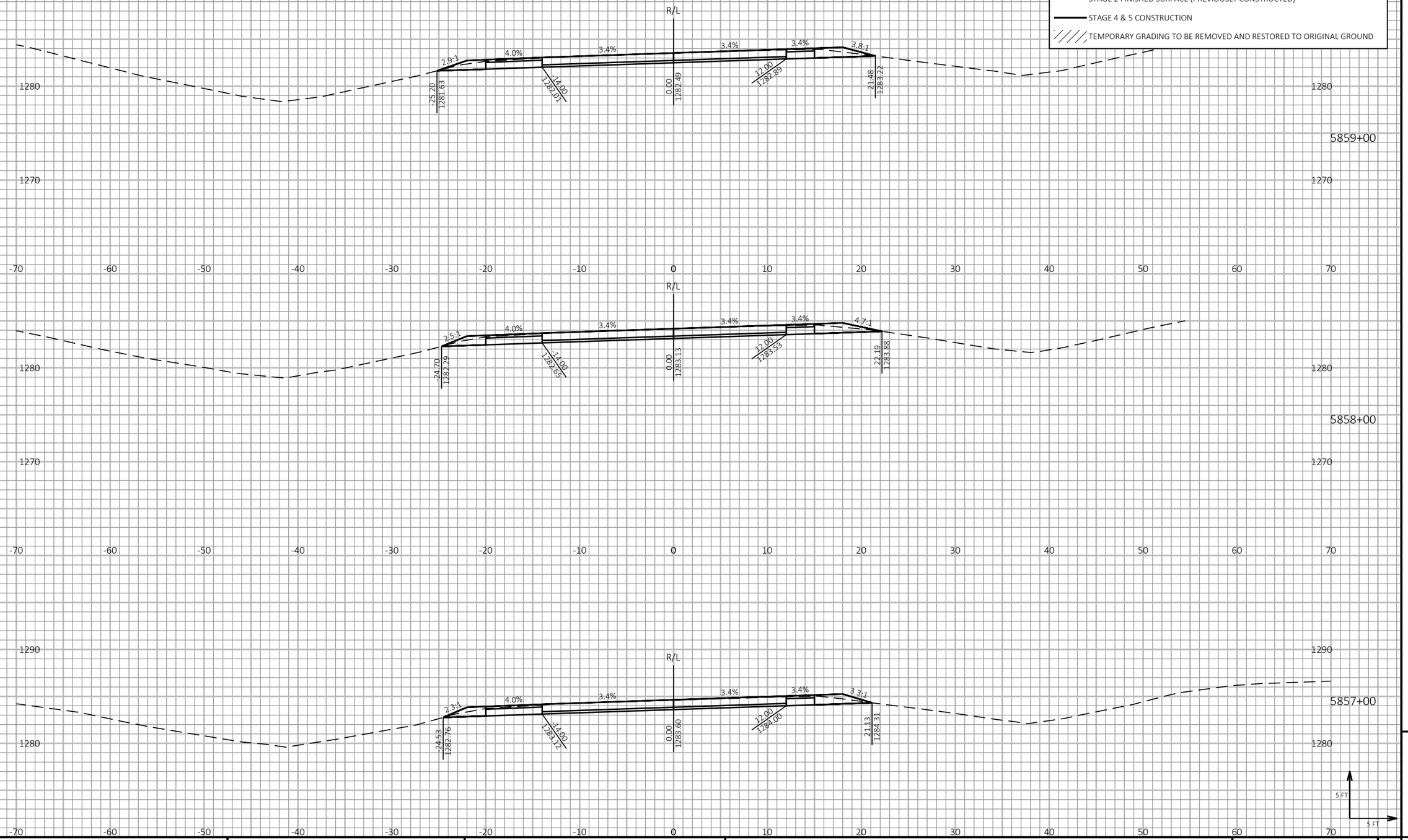
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 783	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 09

PLOT DATE : 2/1/2022 12:32 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

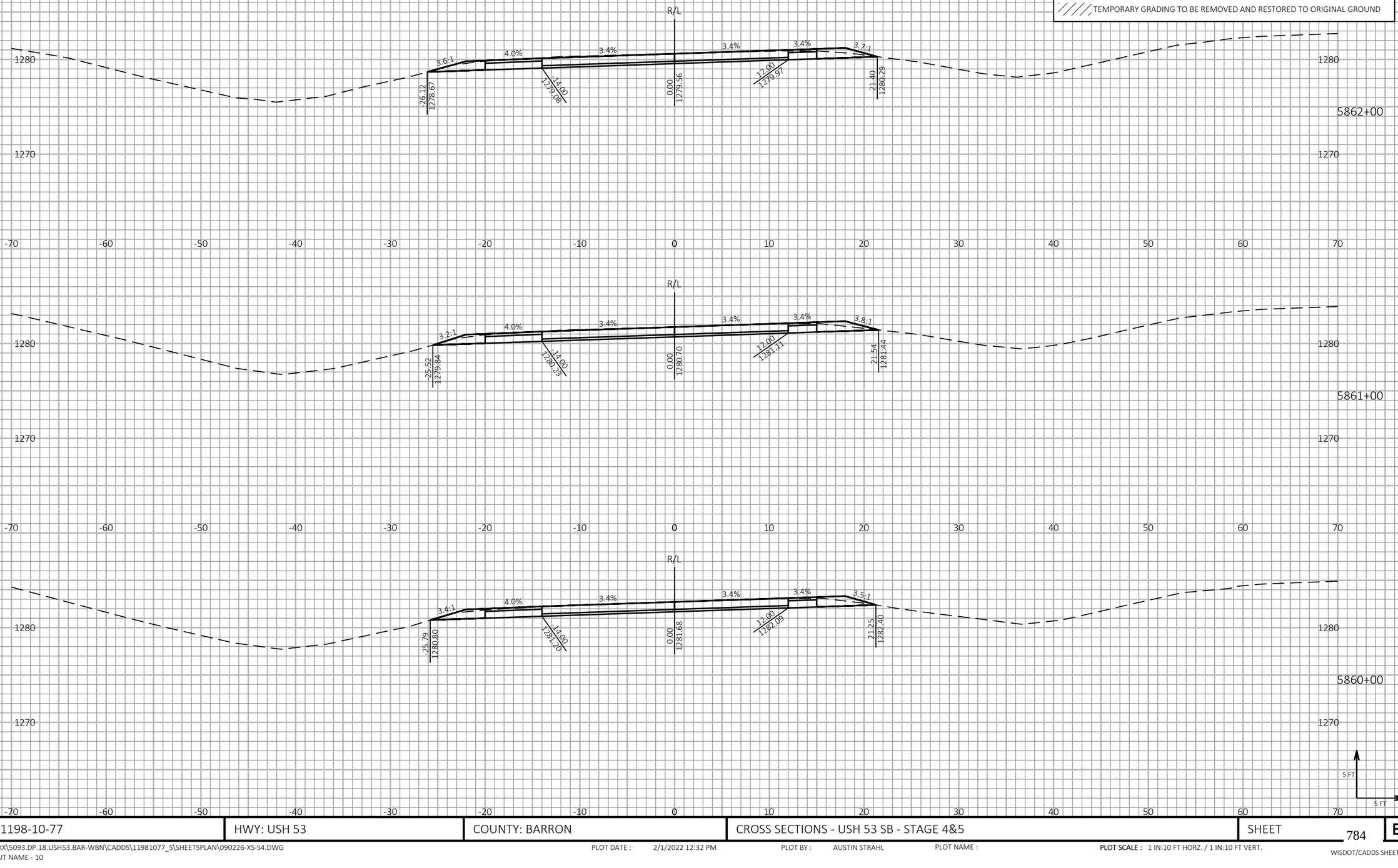
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 784	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 10

PLOT DATE : 2/1/2022 12:32 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

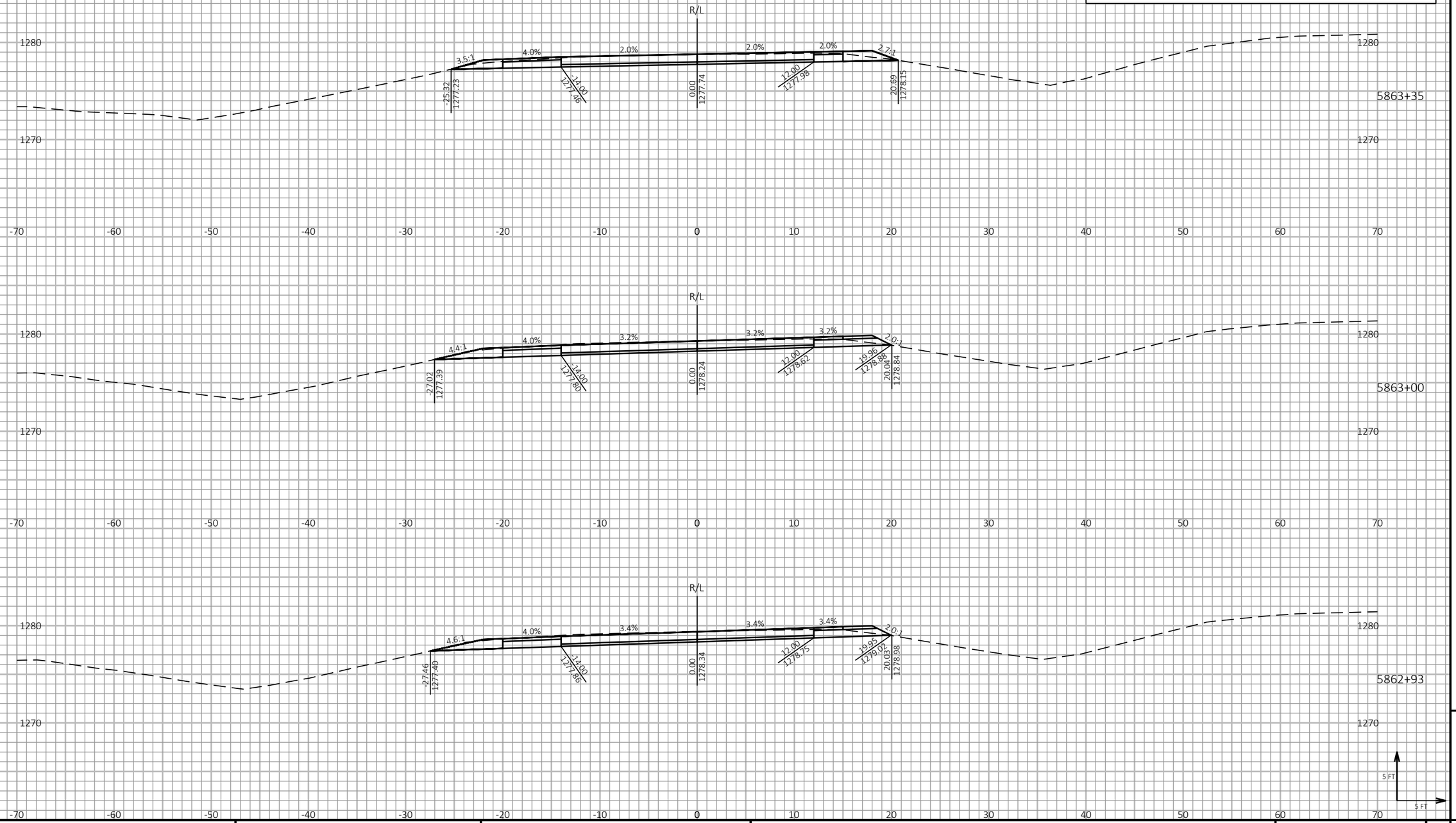
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 785	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 11

PLOT DATE : 2/1/2022 12:32 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

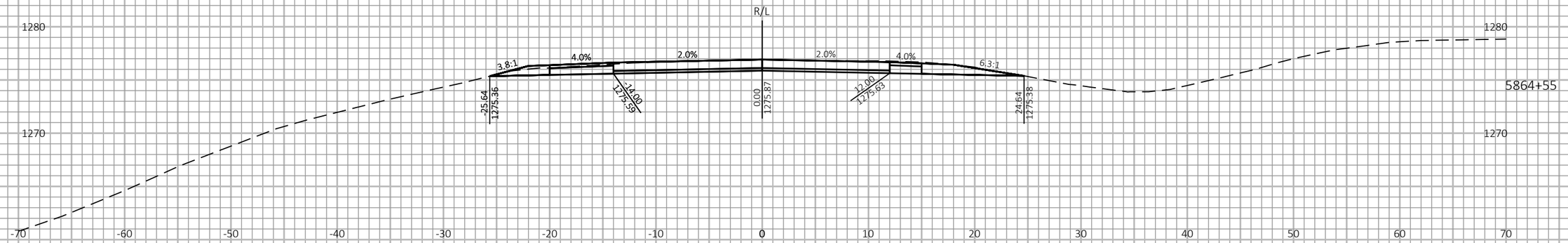
EXISTING GROUND

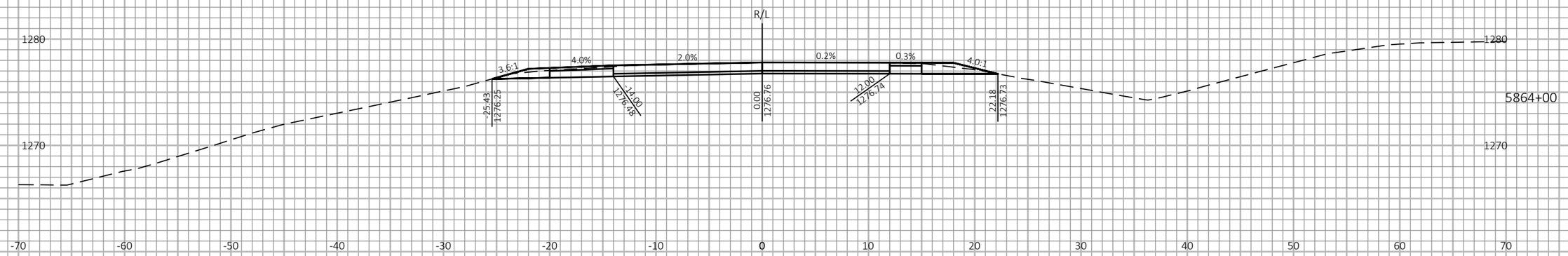
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

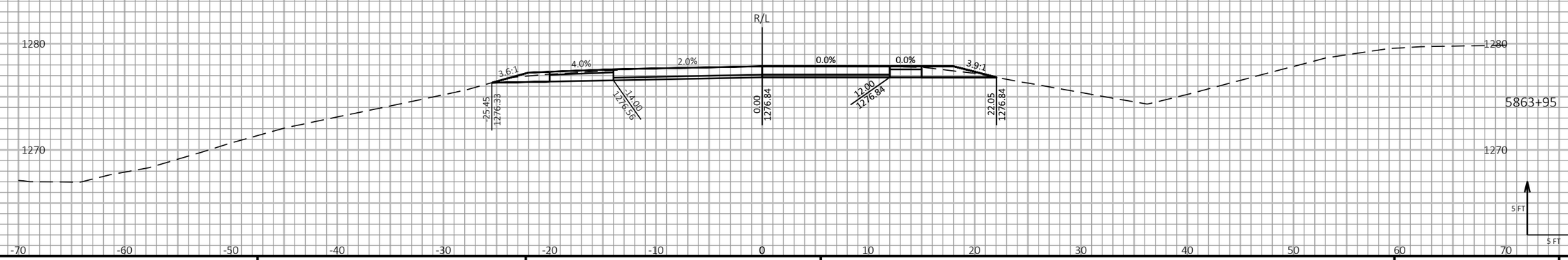
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 786	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 12

PLOT DATE : 2/1/2022 12:33 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

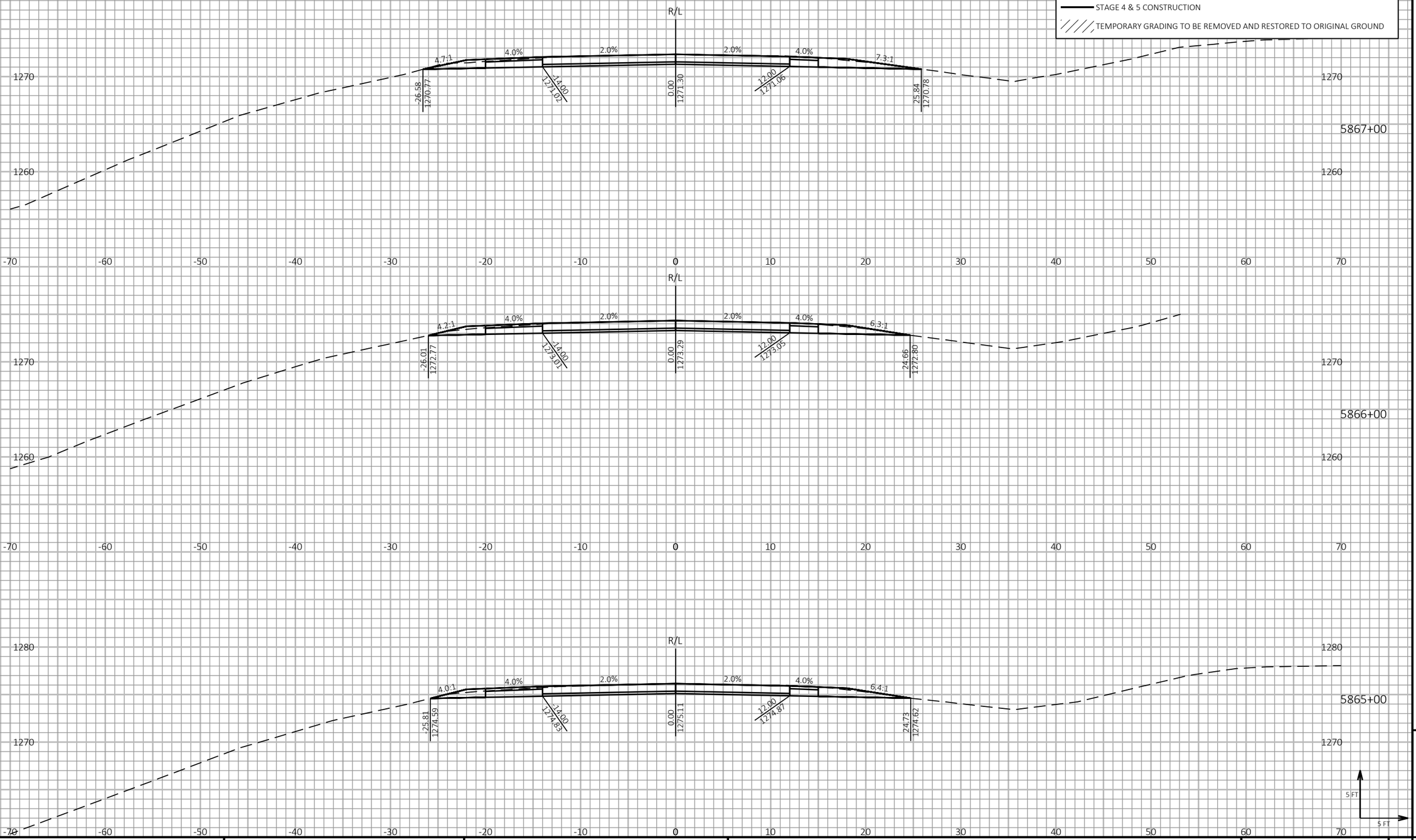
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 787	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 13

PLOT DATE : 2/1/2022 12:33 PM

PLOT BY : AUSTIN STRAHL

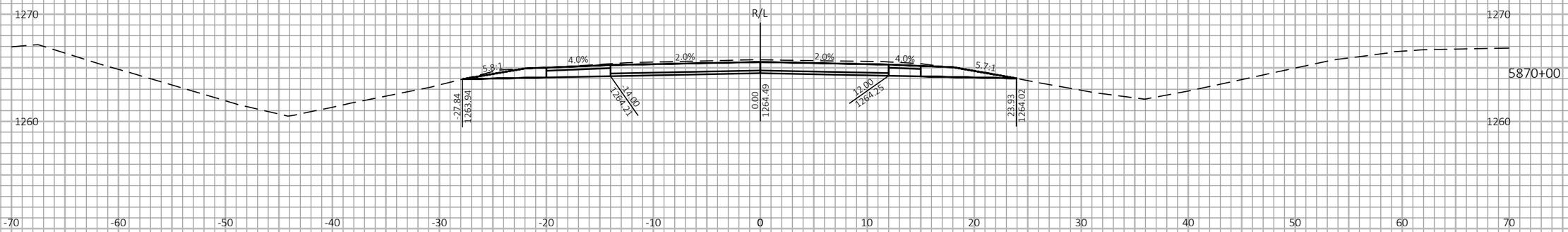
PLOT NAME :

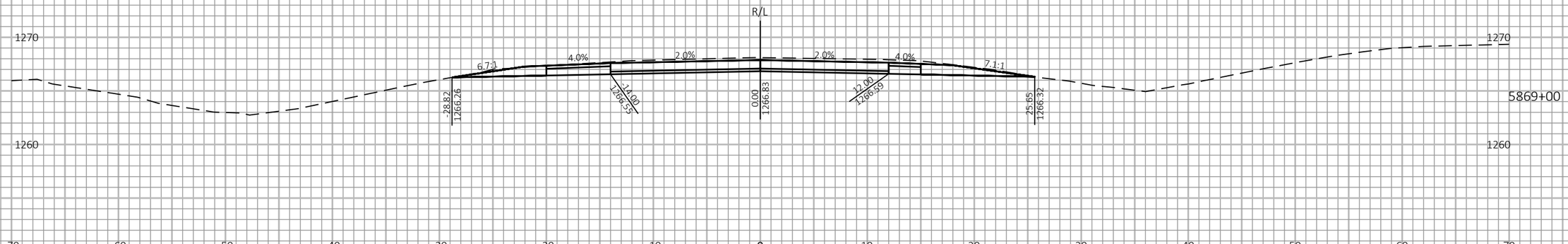
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

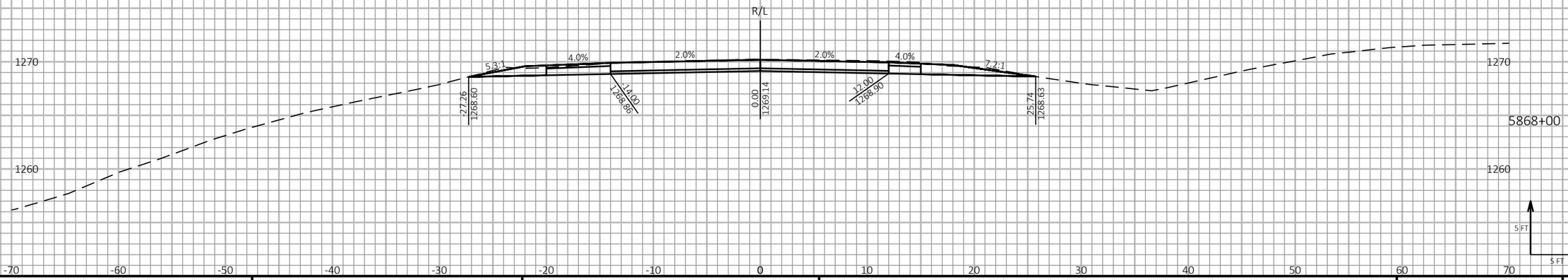
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 788	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 14

PLOT DATE : 2/1/2022 12:33 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

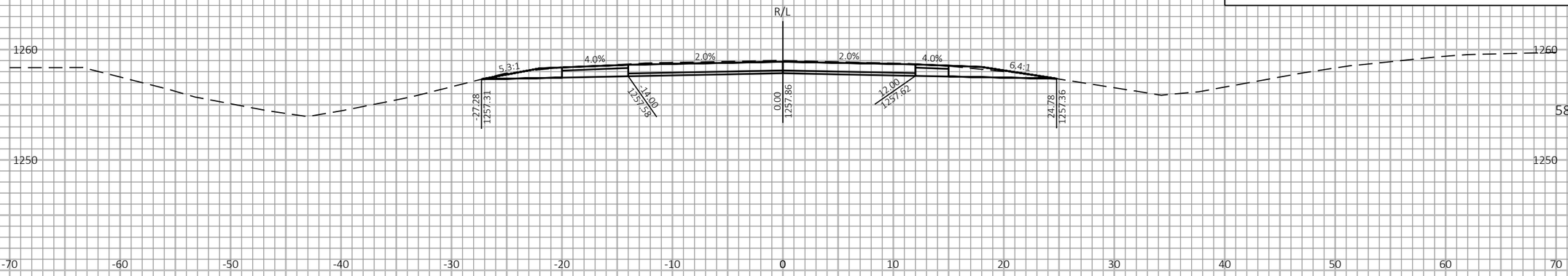
EXISTING GROUND

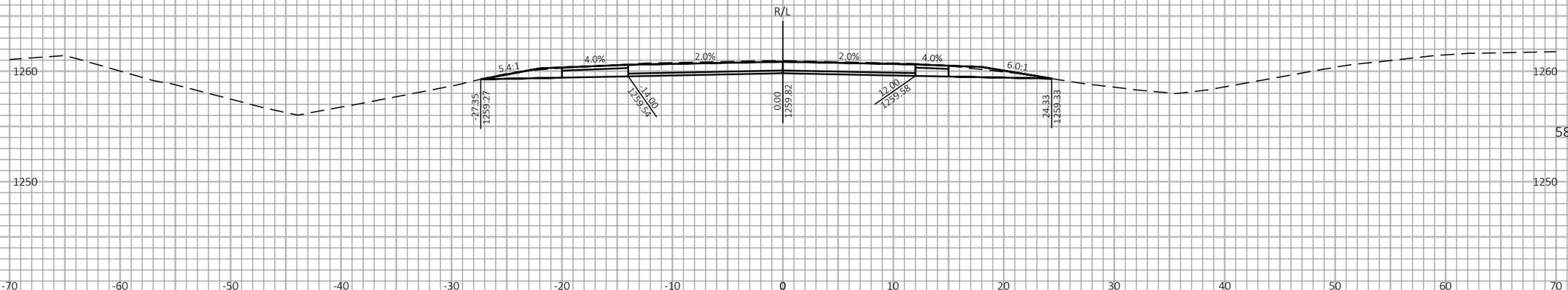
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

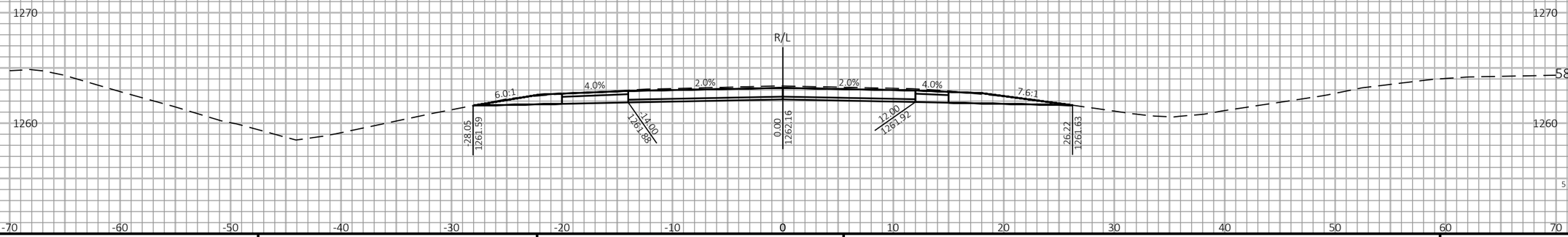
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 789	E

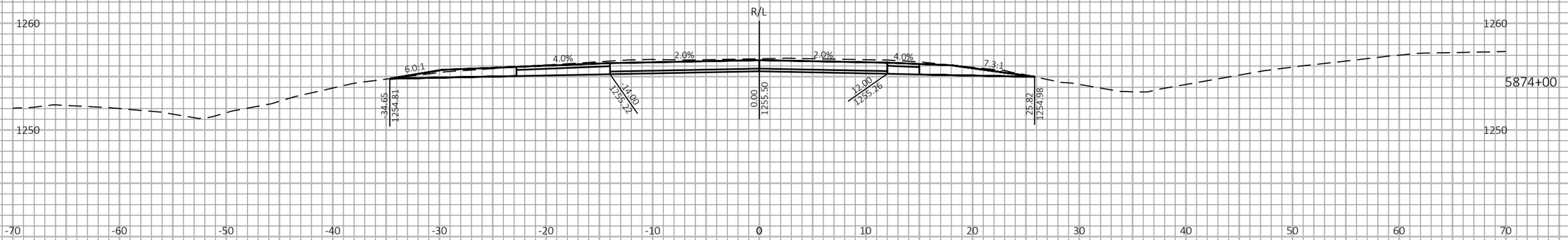
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 15

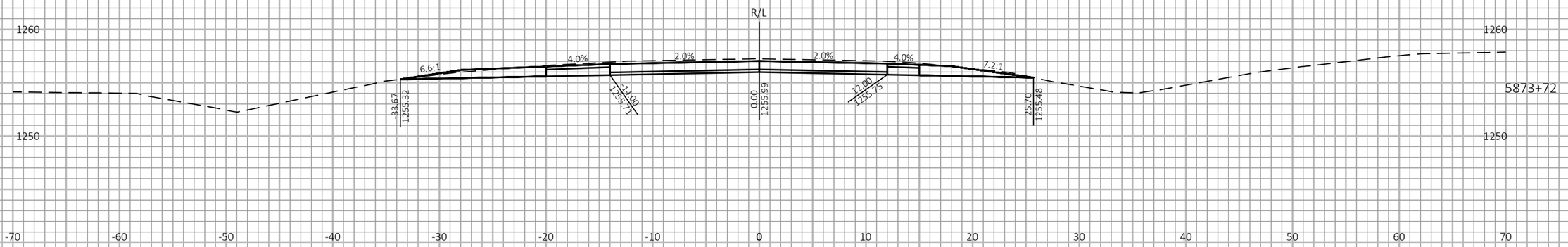
PLOT DATE : 2/1/2022 12:33 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

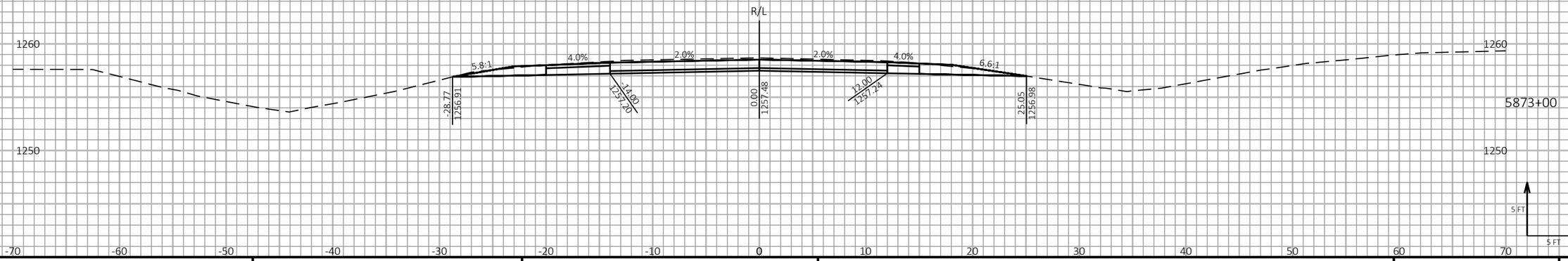
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 790	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 16

PLOT DATE : 2/1/2022 12:33 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

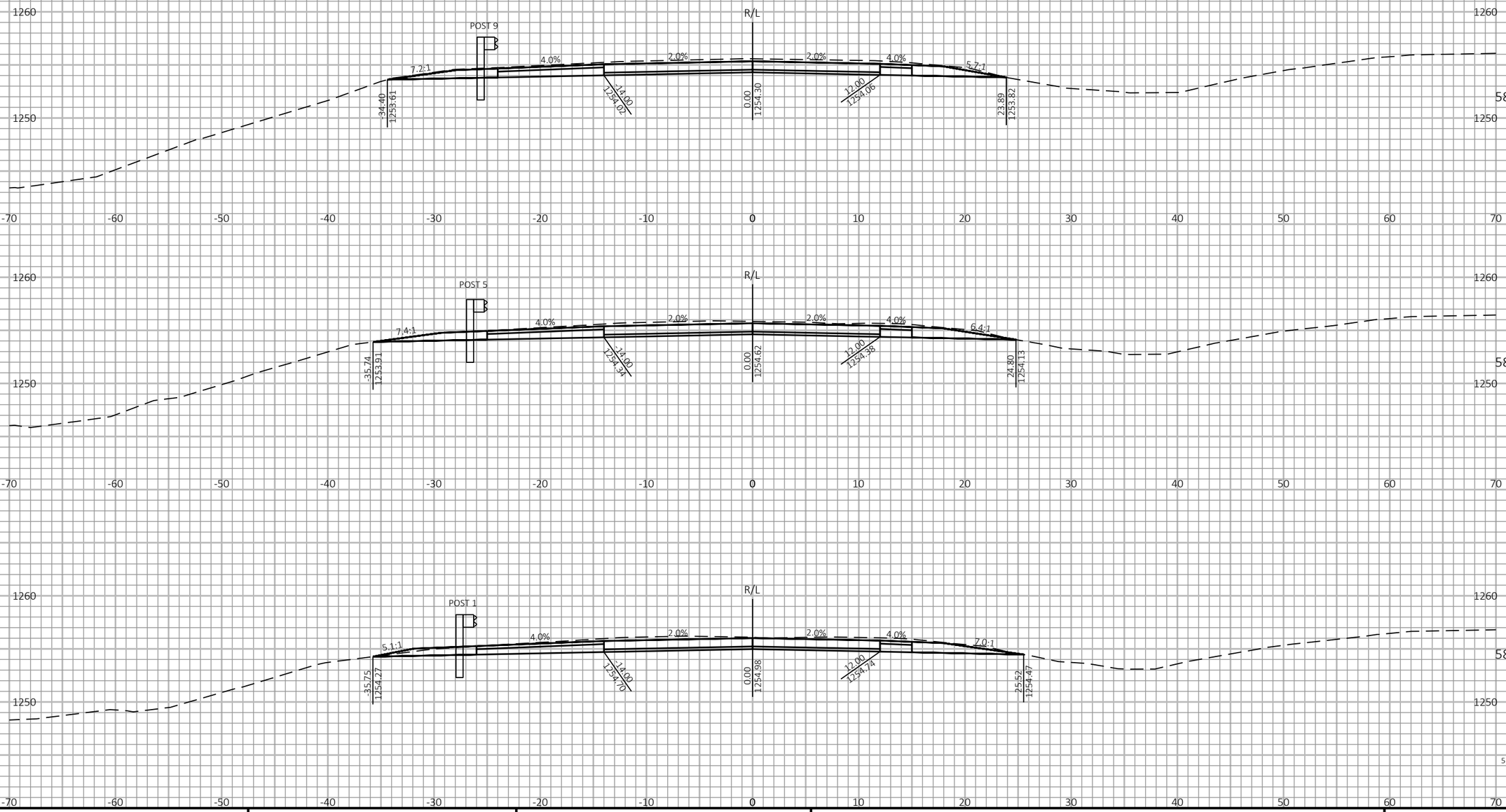
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 791	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 17

PLOT DATE : 2/1/2022 12:33 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

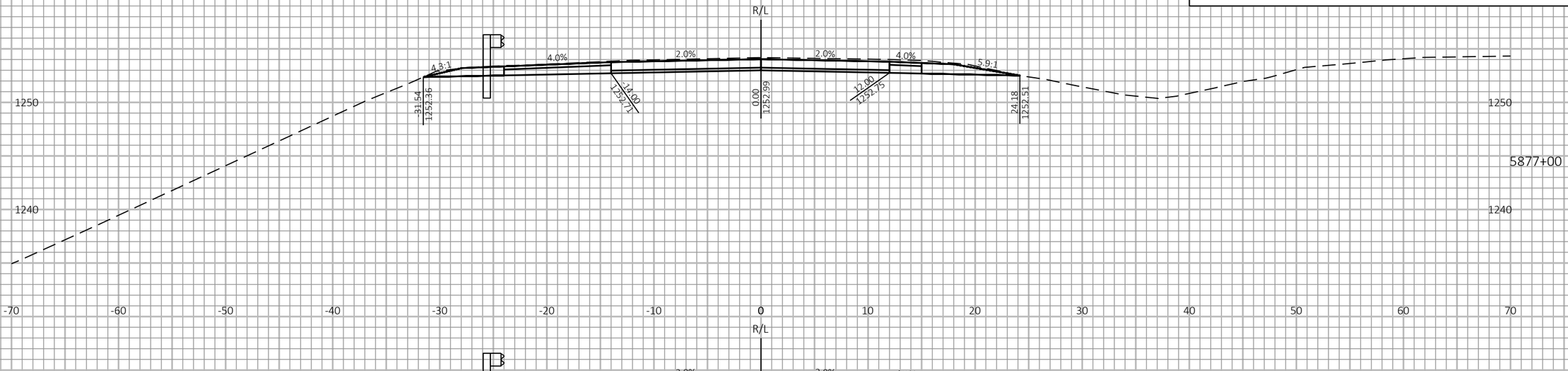
EXISTING GROUND

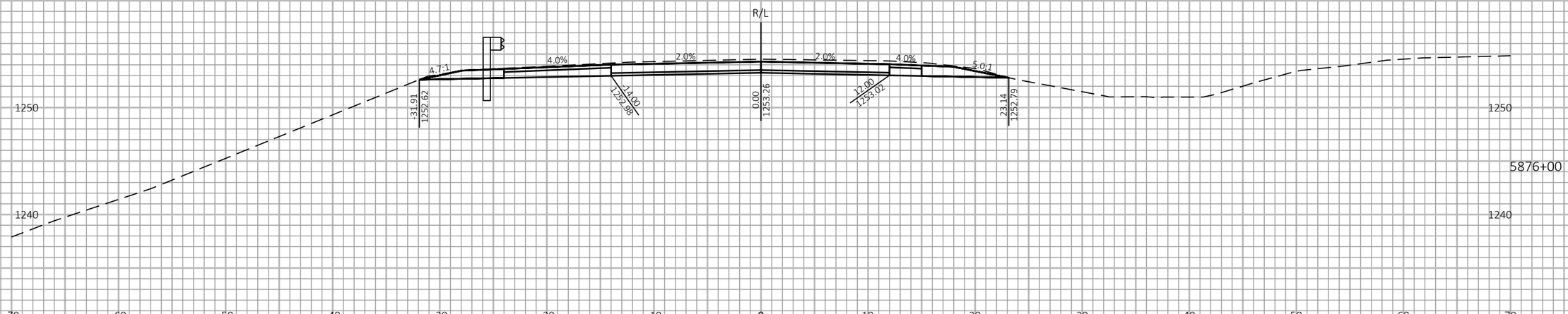
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

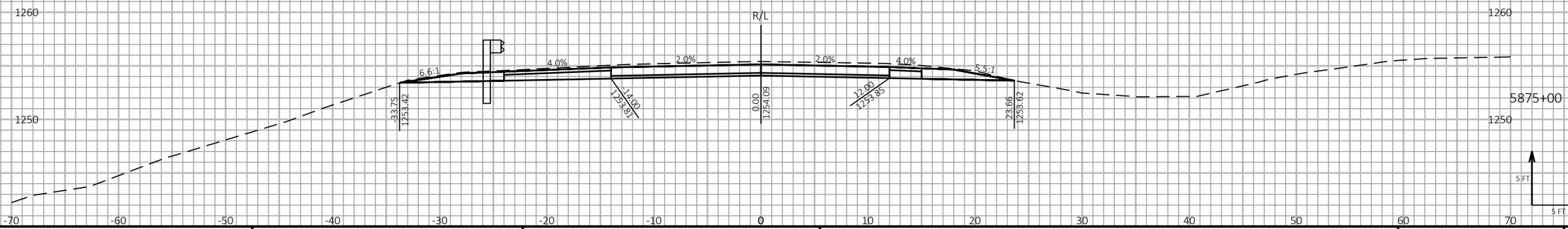
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 792	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 18

PLOT DATE : 2/1/2022 12:33 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

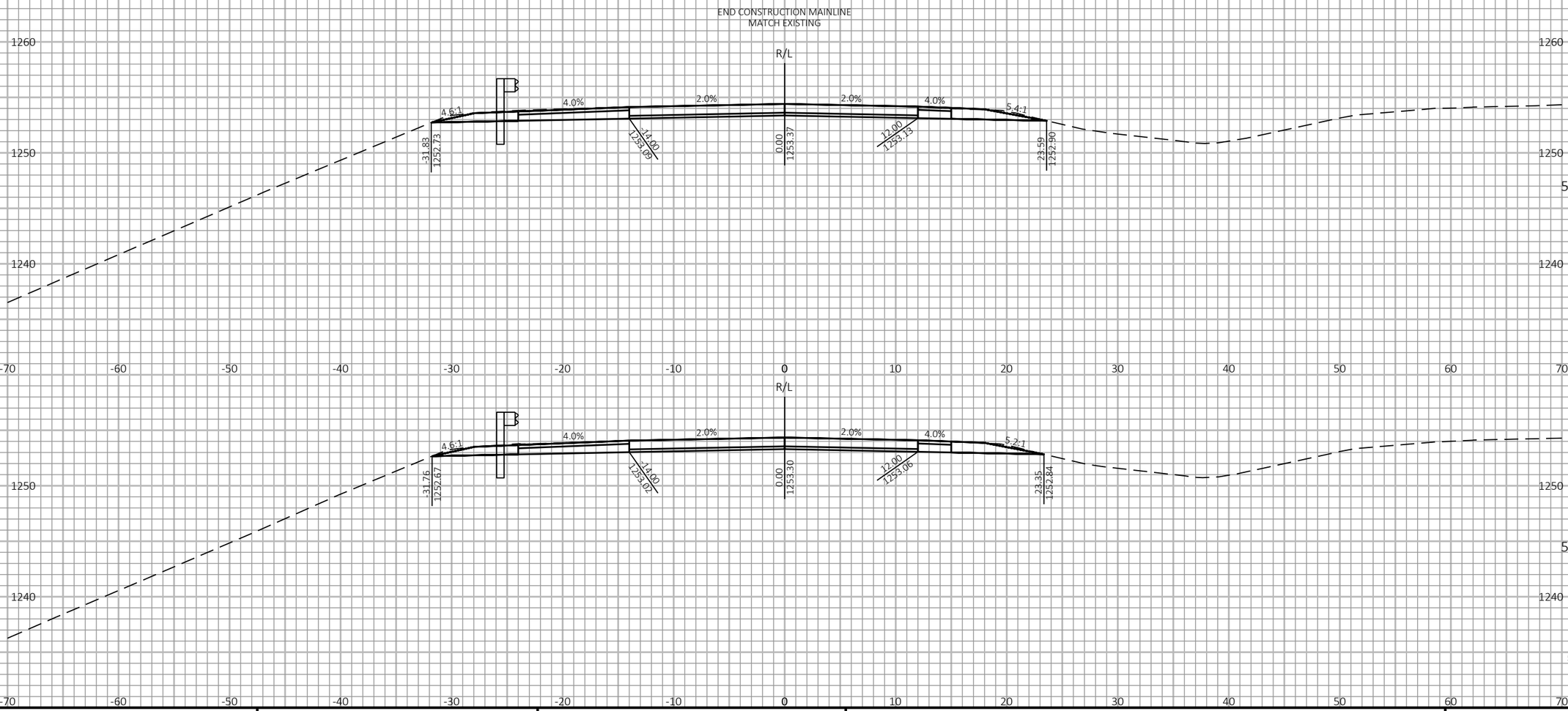
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND

END CONSTRUCTION MAINLINE
MATCH EXISTING



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 793	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090226-XS-S4.DWG
LAYOUT NAME - 19

PLOT DATE : 2/1/2022 12:33 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

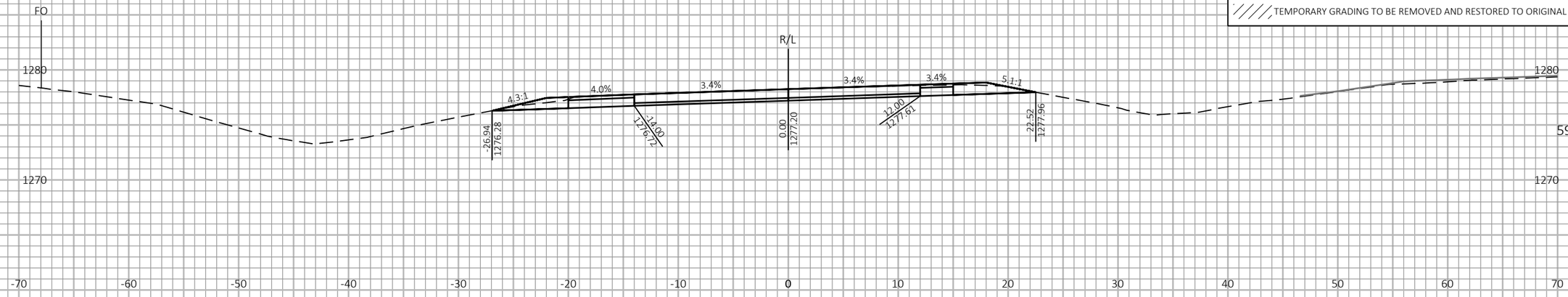
EXISTING GROUND

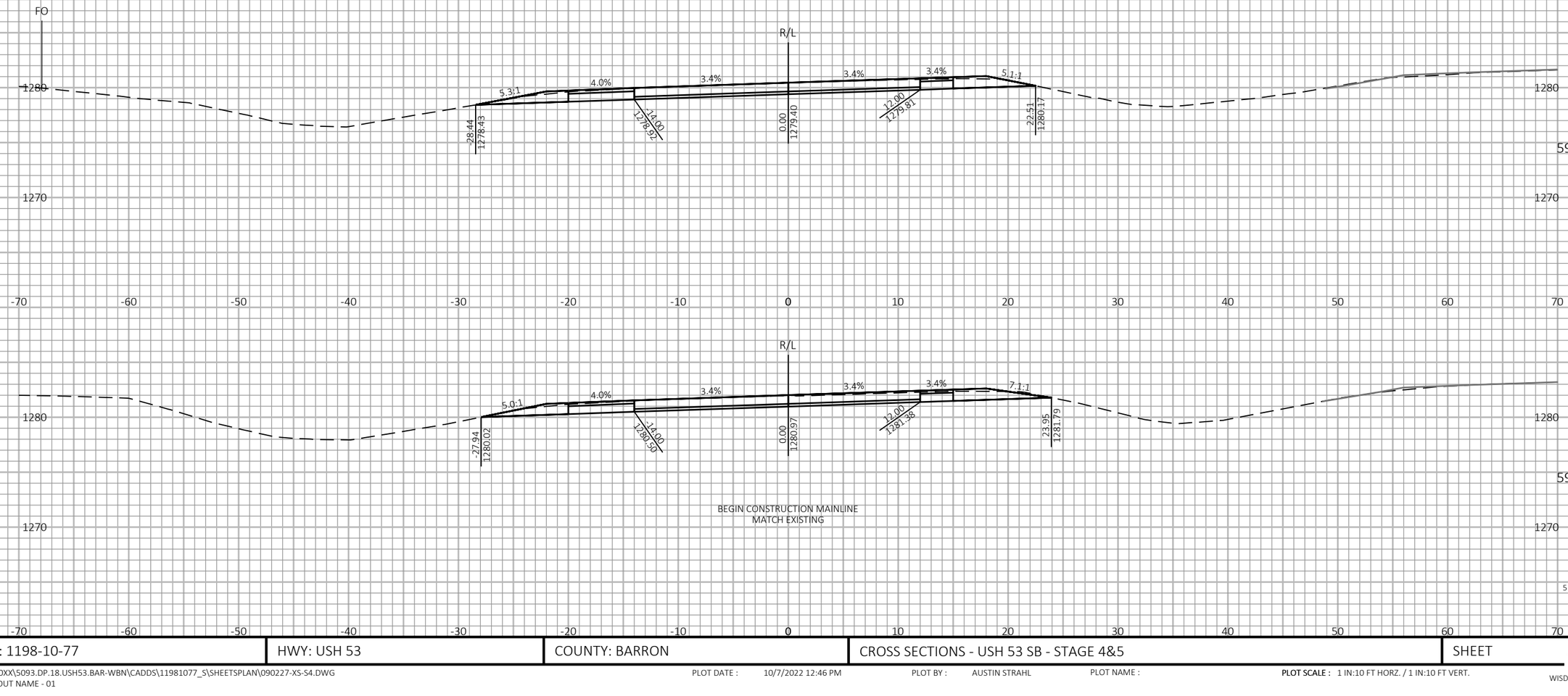
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 794	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 10/7/2022 12:46 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

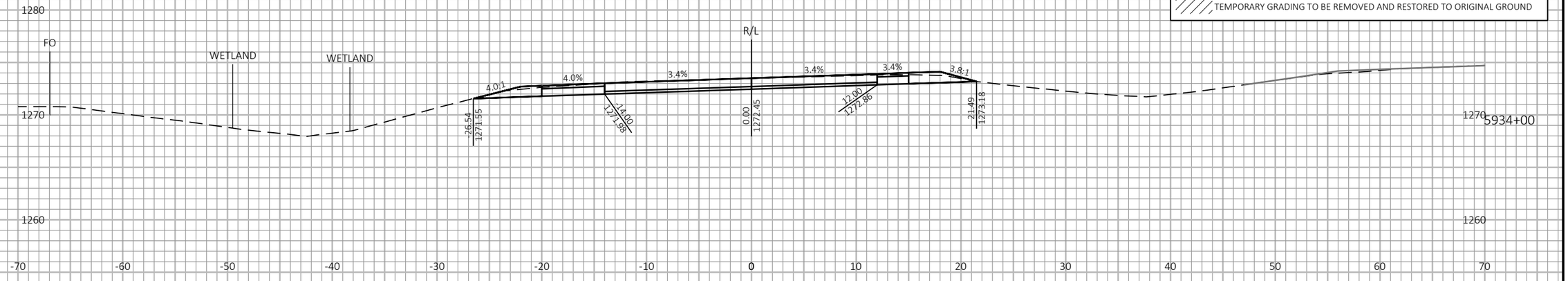
EXISTING GROUND

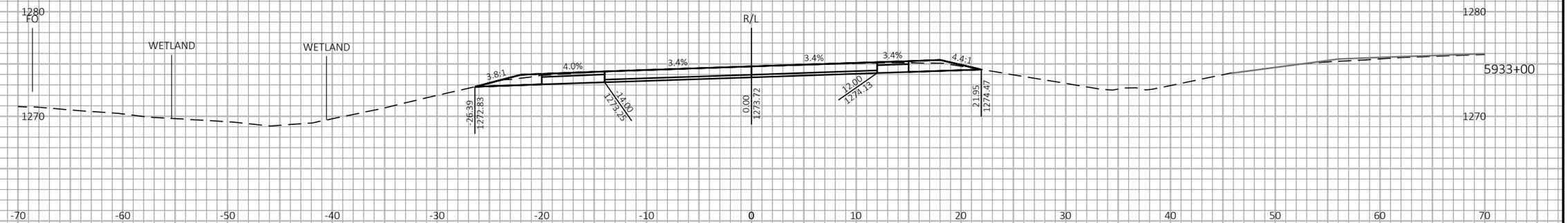
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

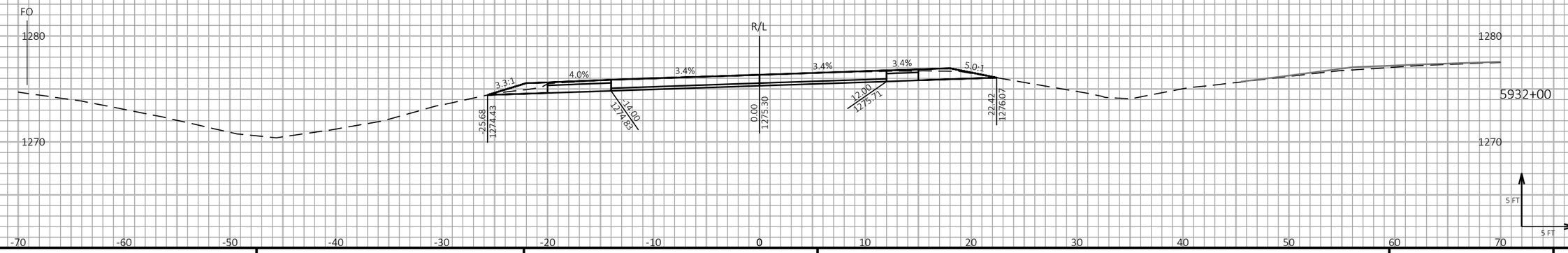
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 795	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 10/7/2022 12:46 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

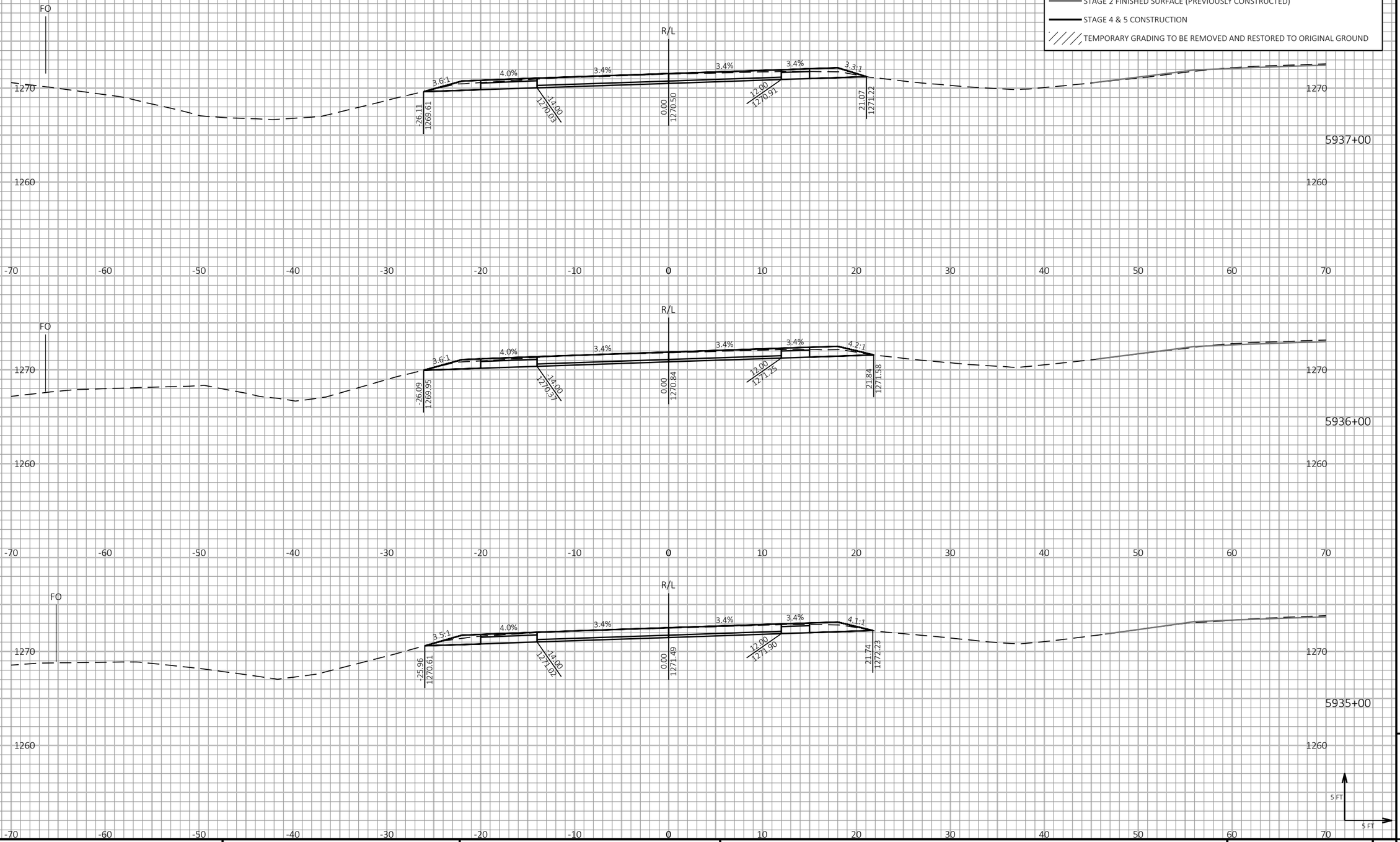
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 796	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 10/7/2022 12:46 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

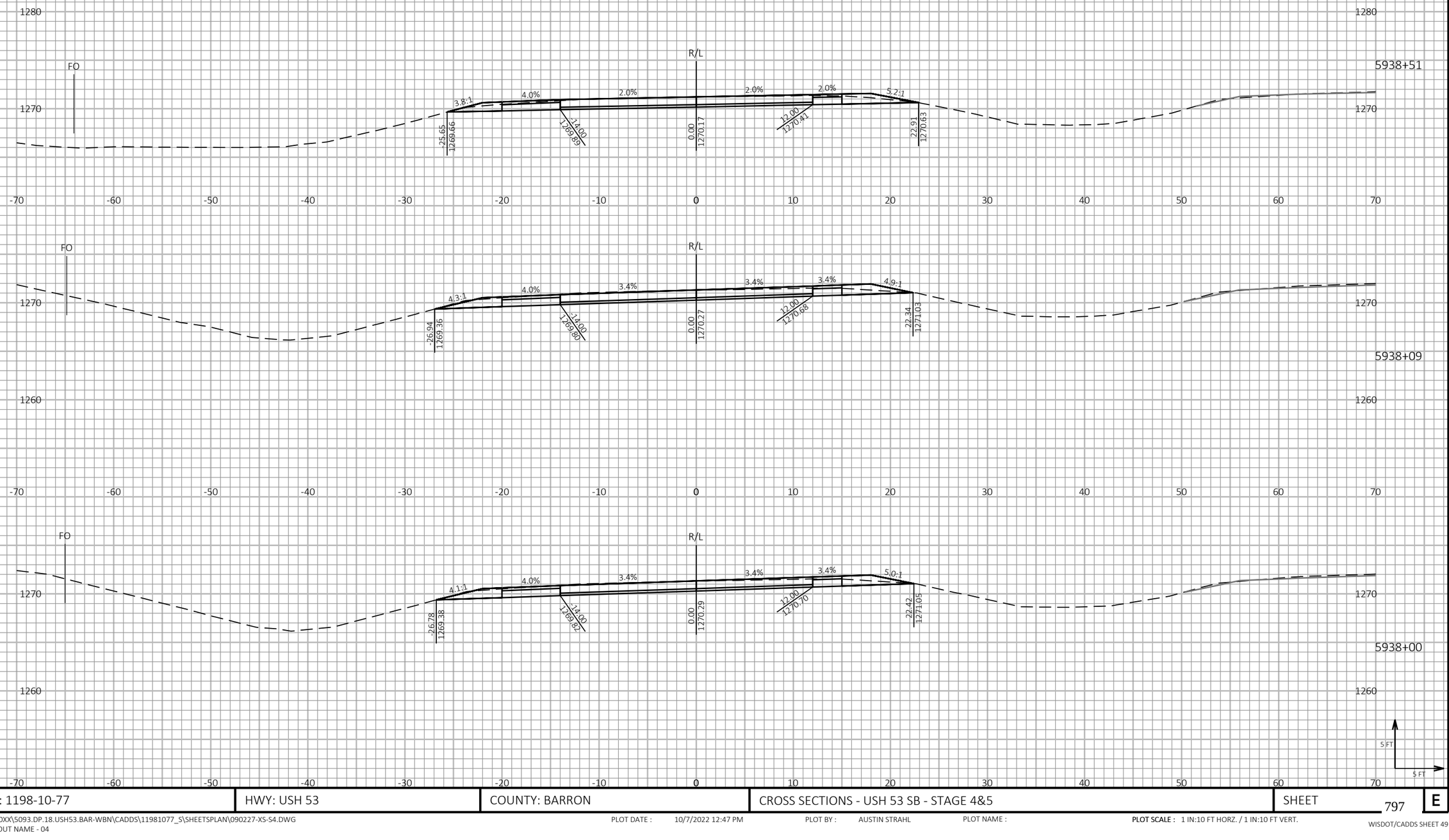
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 797	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 04

PLOT DATE : 10/7/2022 12:47 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

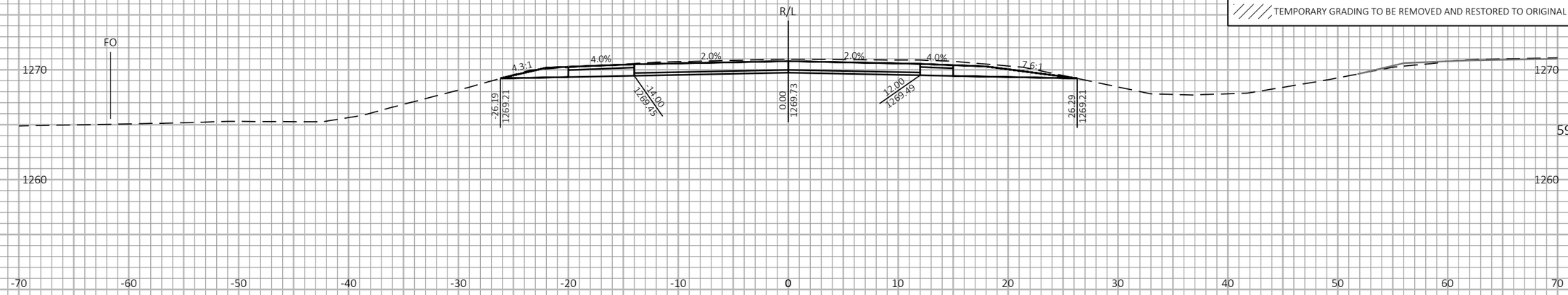
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

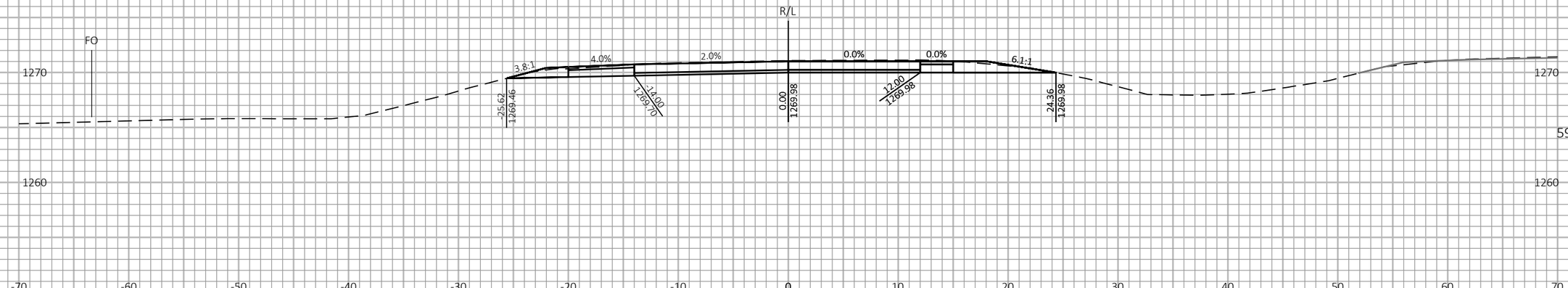
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

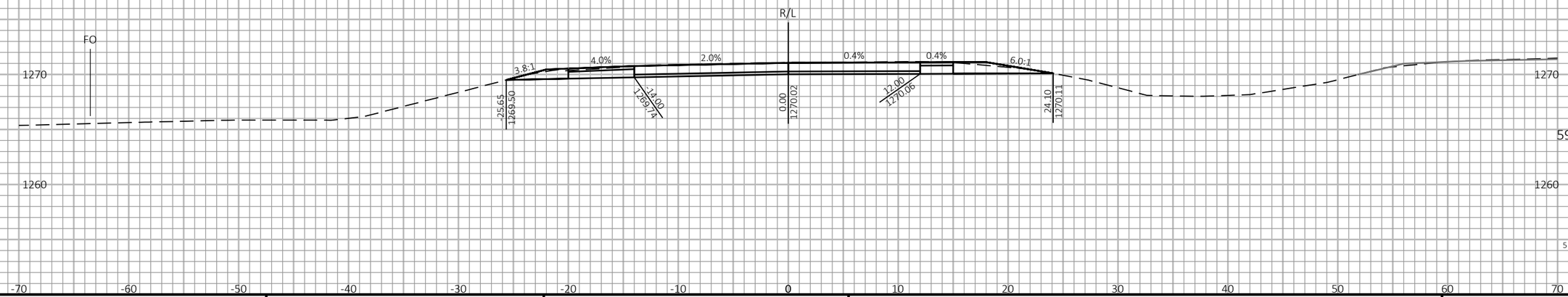
TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



5939+71



5939+11



5939+00

5 FT

5 FT

9

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 798	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 05

PLOT DATE : 10/7/2022 12:47 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

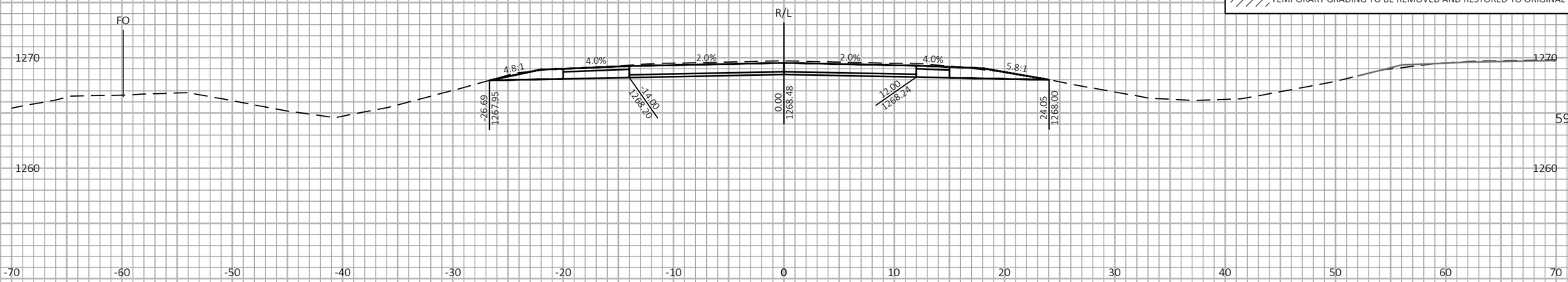
EXISTING GROUND

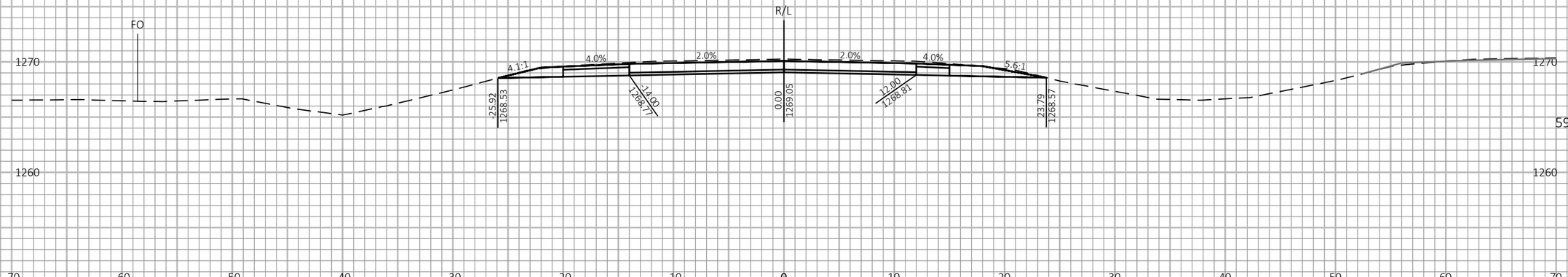
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

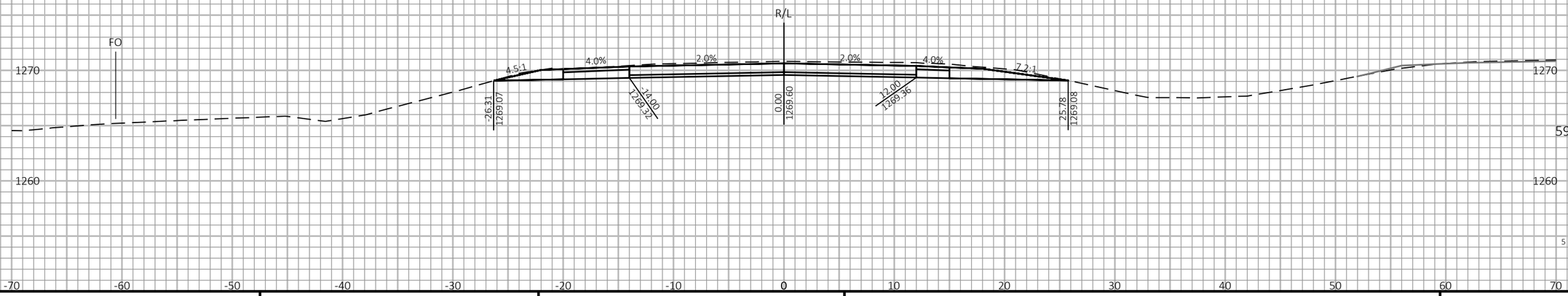
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 799	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 06

PLOT DATE : 10/7/2022 12:47 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

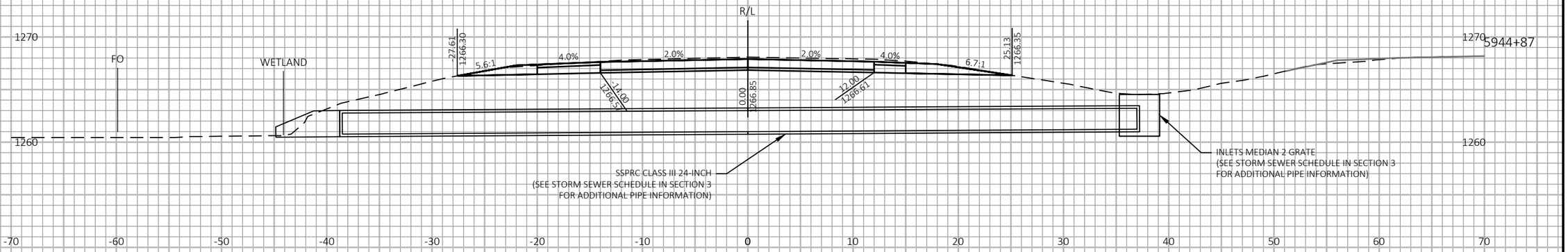
EXISTING GROUND

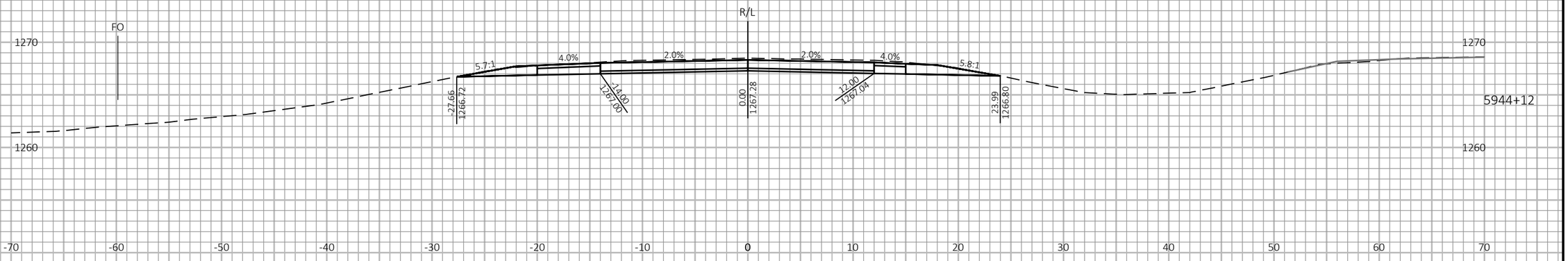
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

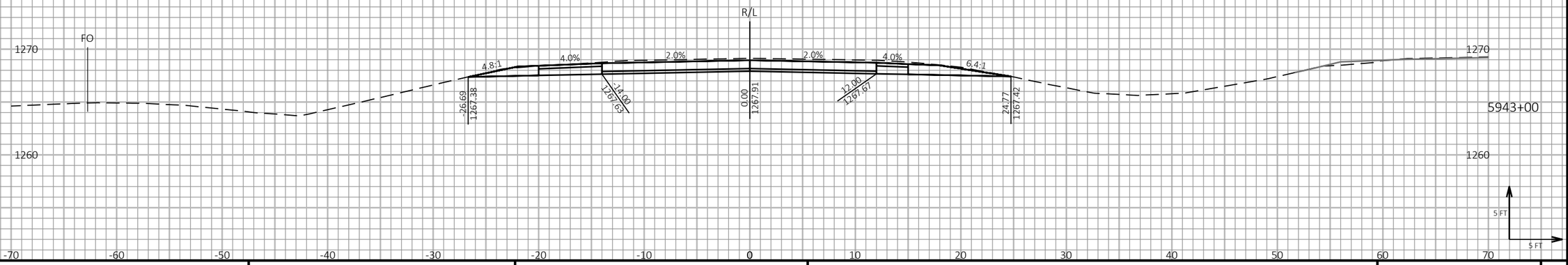
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 800	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 07

PLOT DATE : 10/7/2022 12:47 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

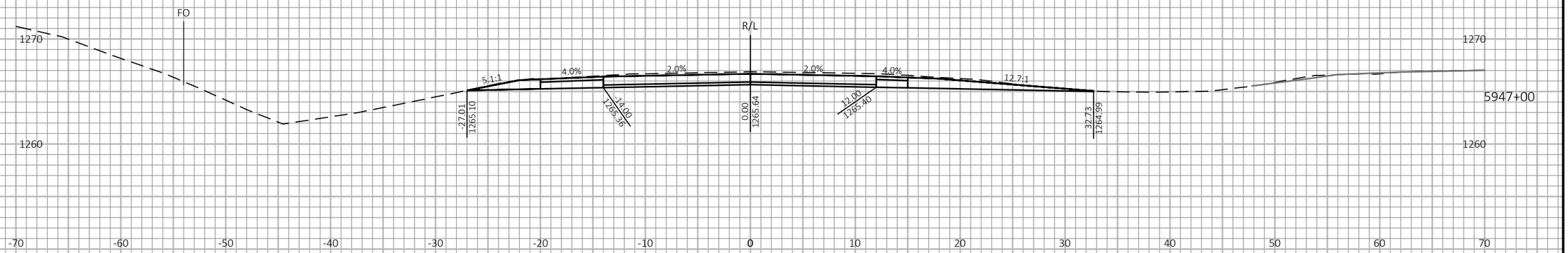
EXISTING GROUND

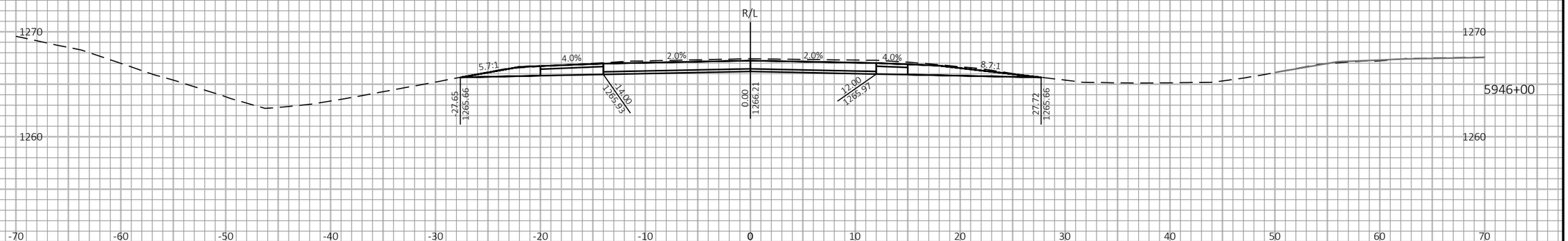
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

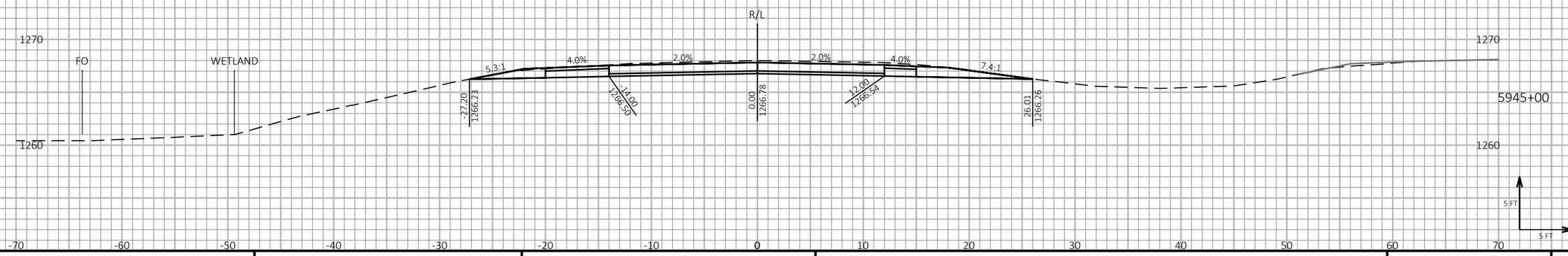
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 801	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 08

PLOT DATE : 10/7/2022 12:48 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

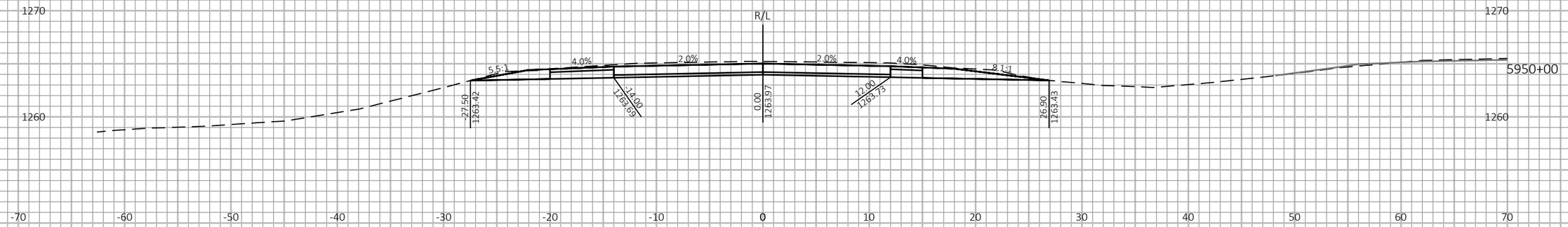
EXISTING GROUND

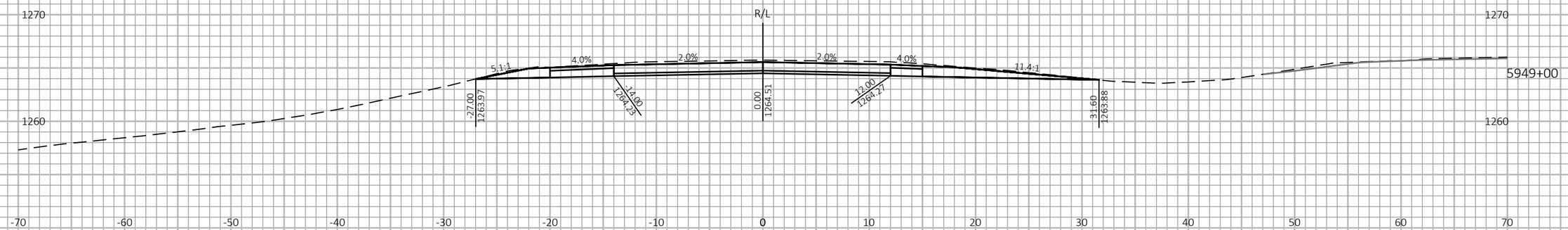
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

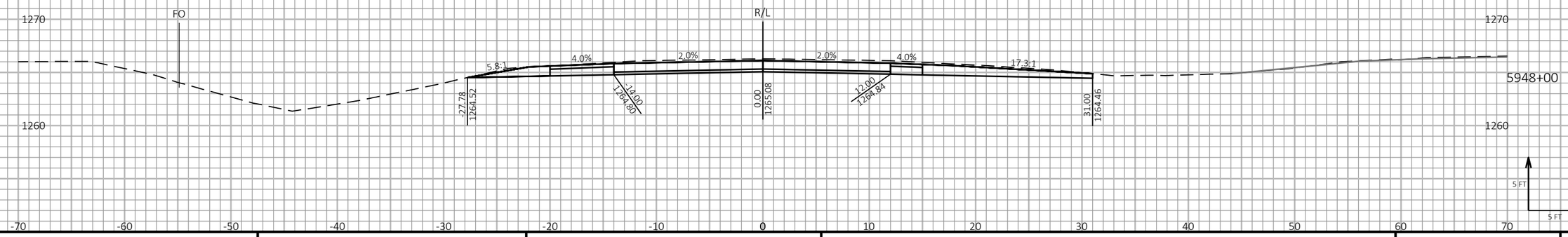
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 802	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 09

PLOT DATE : 10/7/2022 12:48 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

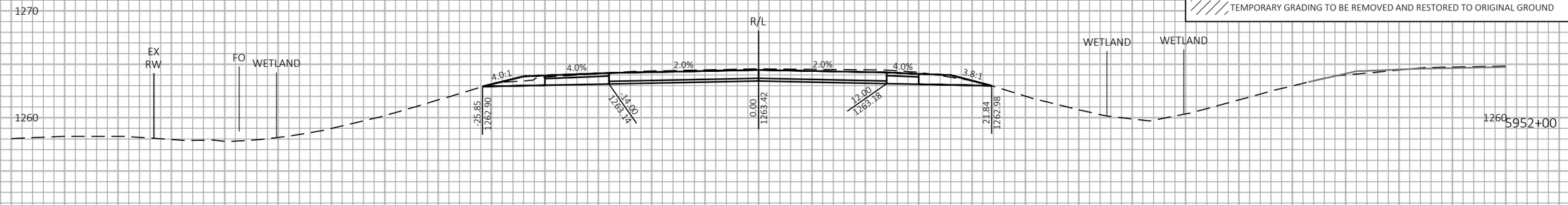
EXISTING GROUND

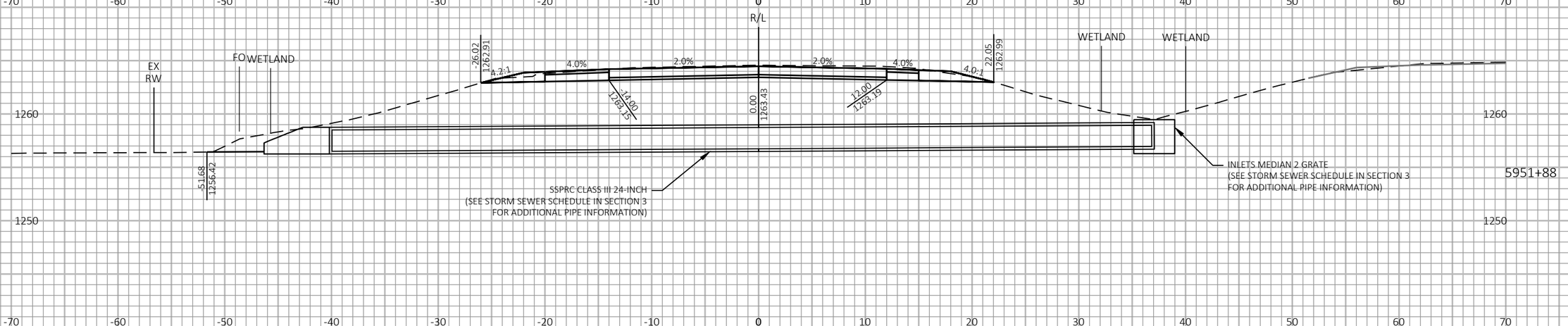
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

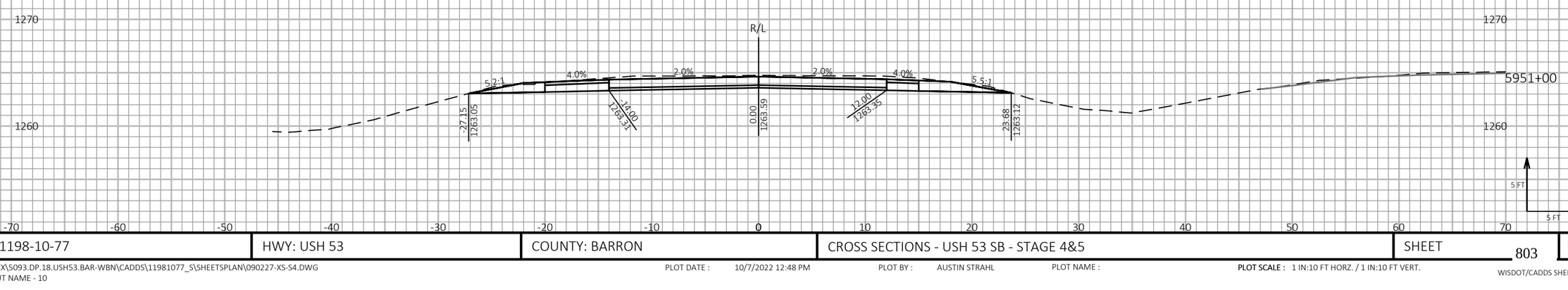
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 803	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 10

PLOT DATE : 10/7/2022 12:48 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

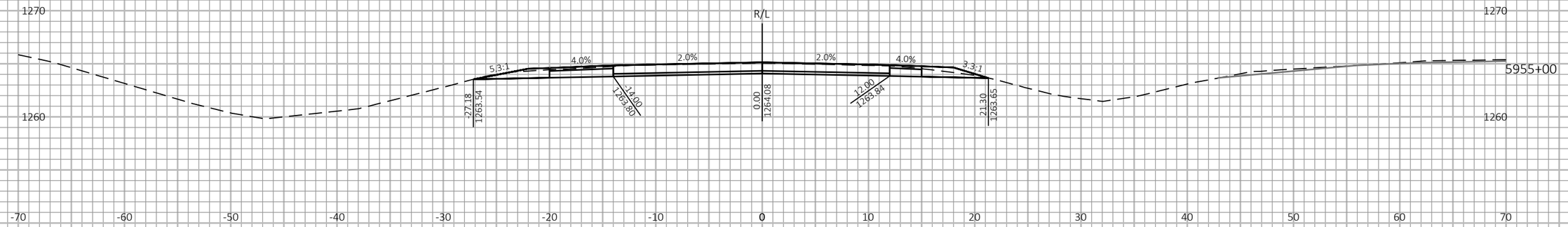
EXISTING GROUND

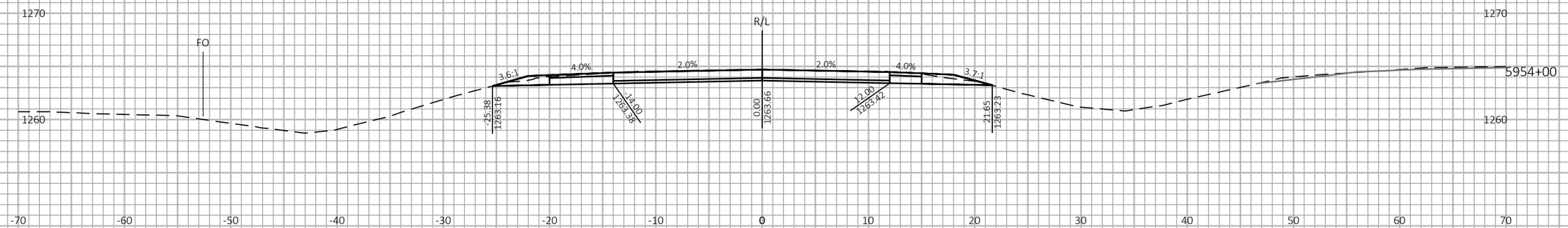
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

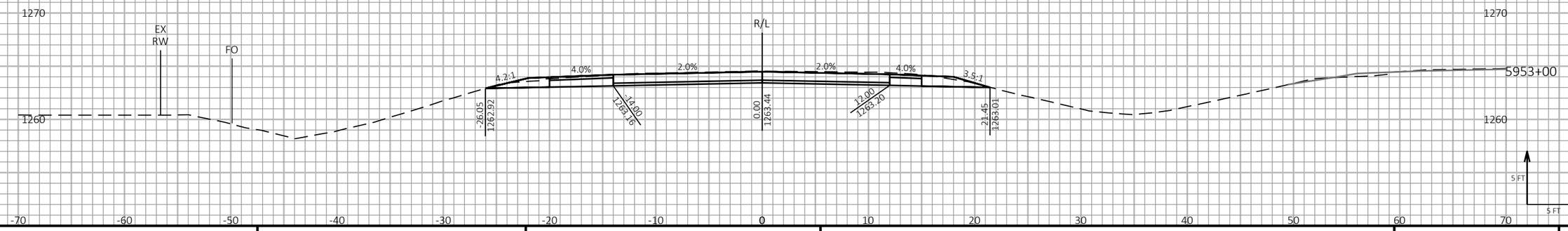
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 804	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 11

PLOT DATE : 10/7/2022 12:48 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

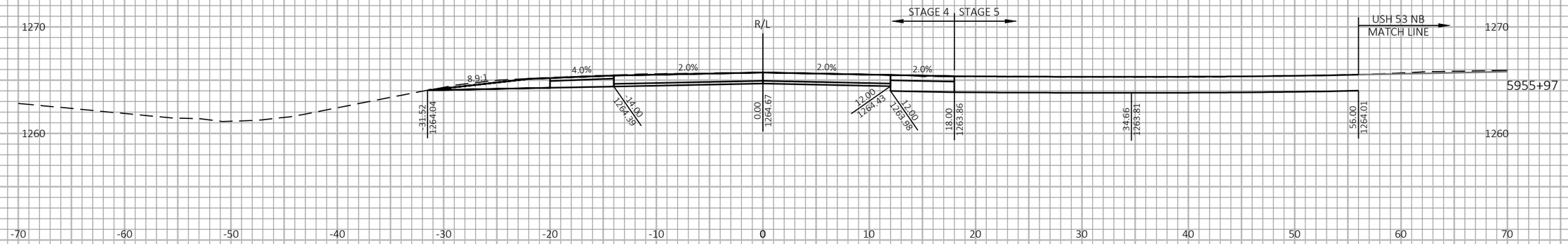
EXISTING GROUND

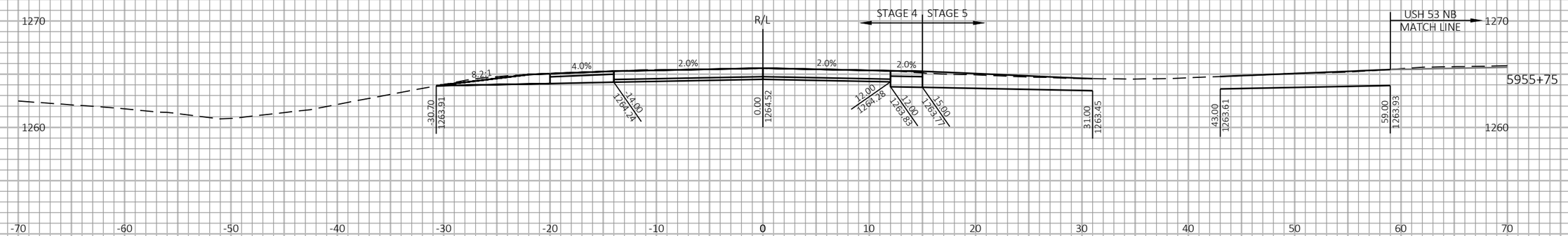
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

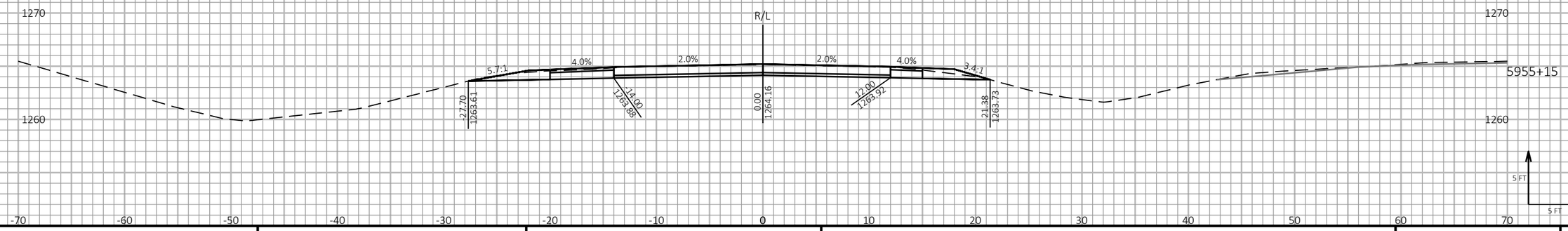
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 805	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 12

PLOT DATE : 10/7/2022 12:49 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

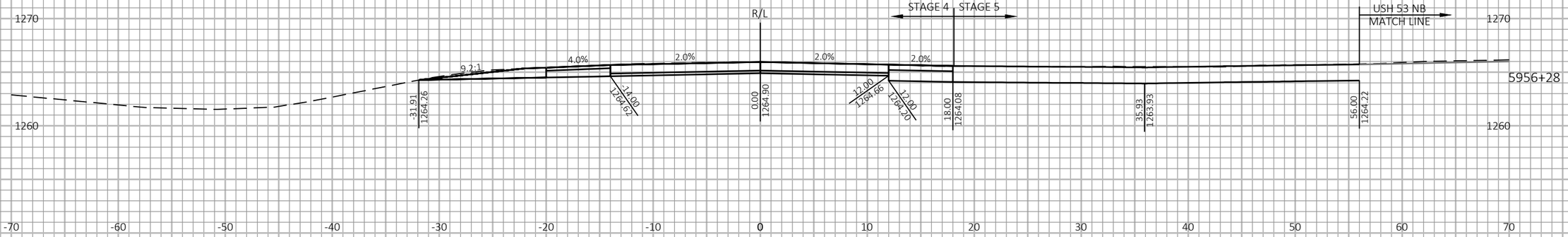
EXISTING GROUND

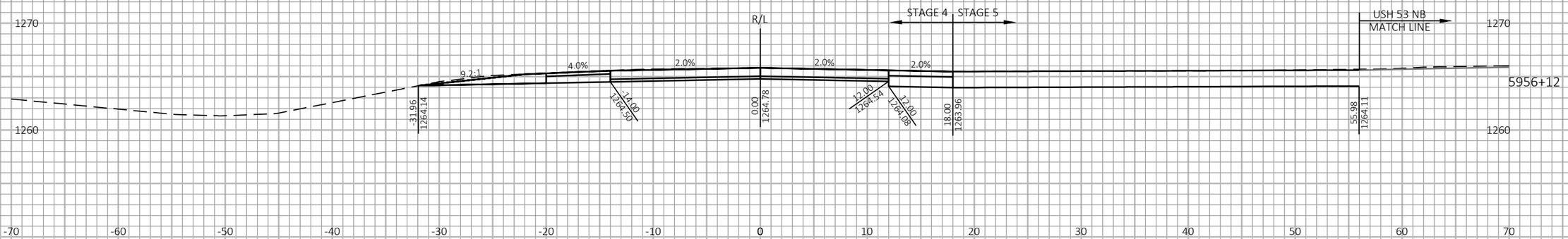
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

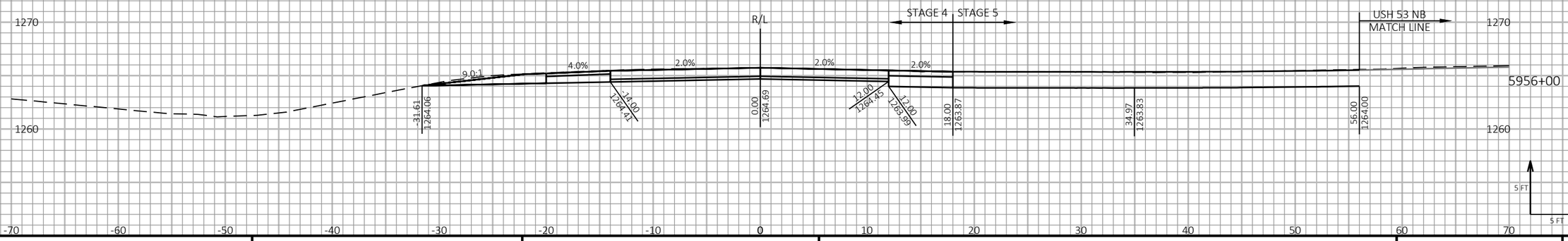
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 806	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 13

PLOT DATE : 10/7/2022 12:49 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

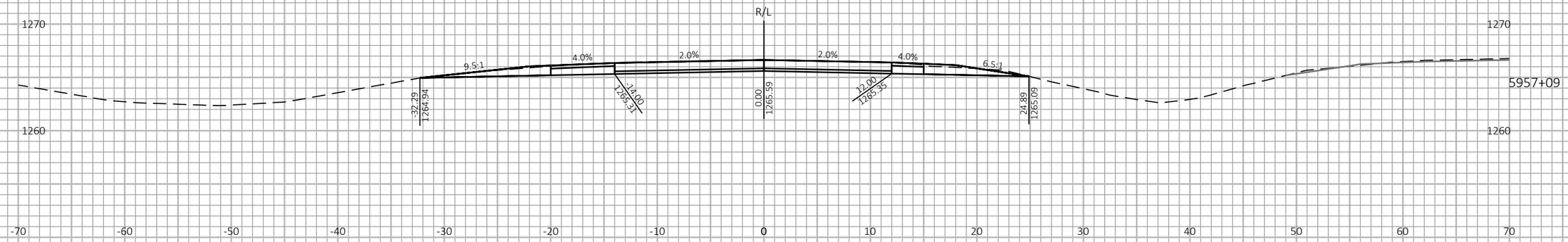
EXISTING GROUND

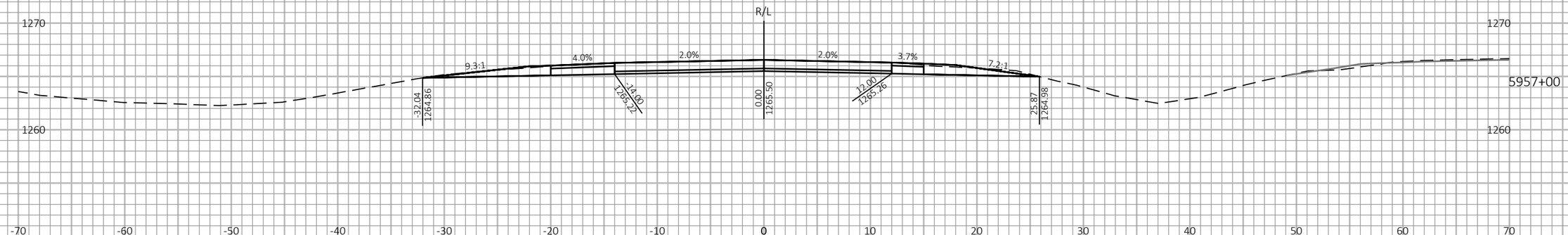
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

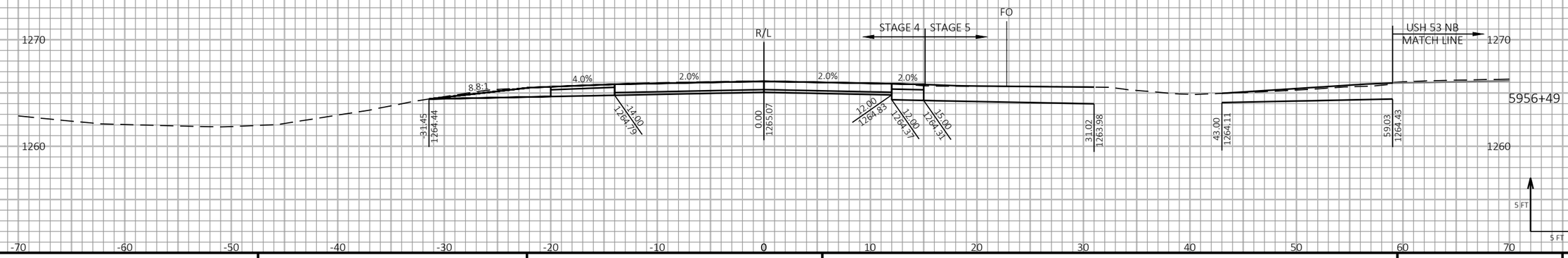
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 807	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 14

PLOT DATE : 10/7/2022 12:49 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND

9

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 808	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 15

PLOT DATE : 10/7/2022 12:49 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

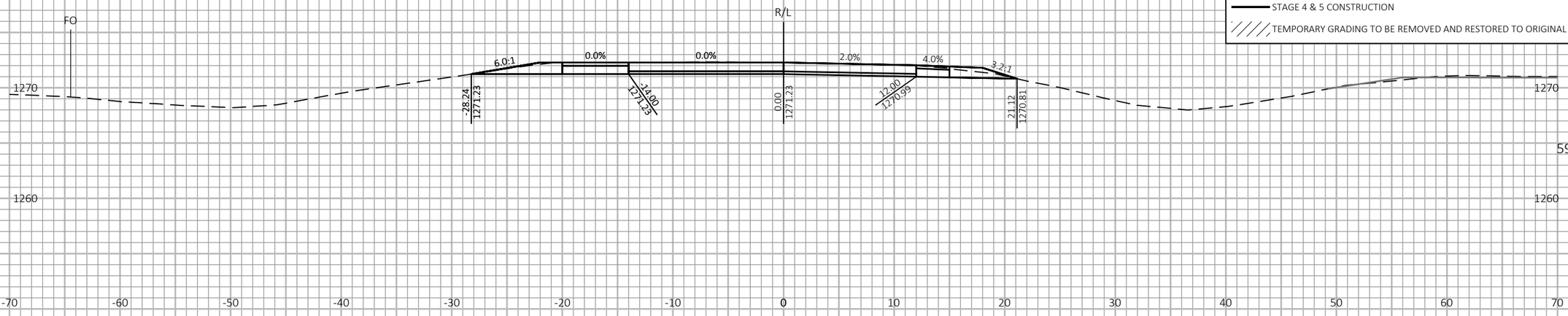
EXISTING GROUND

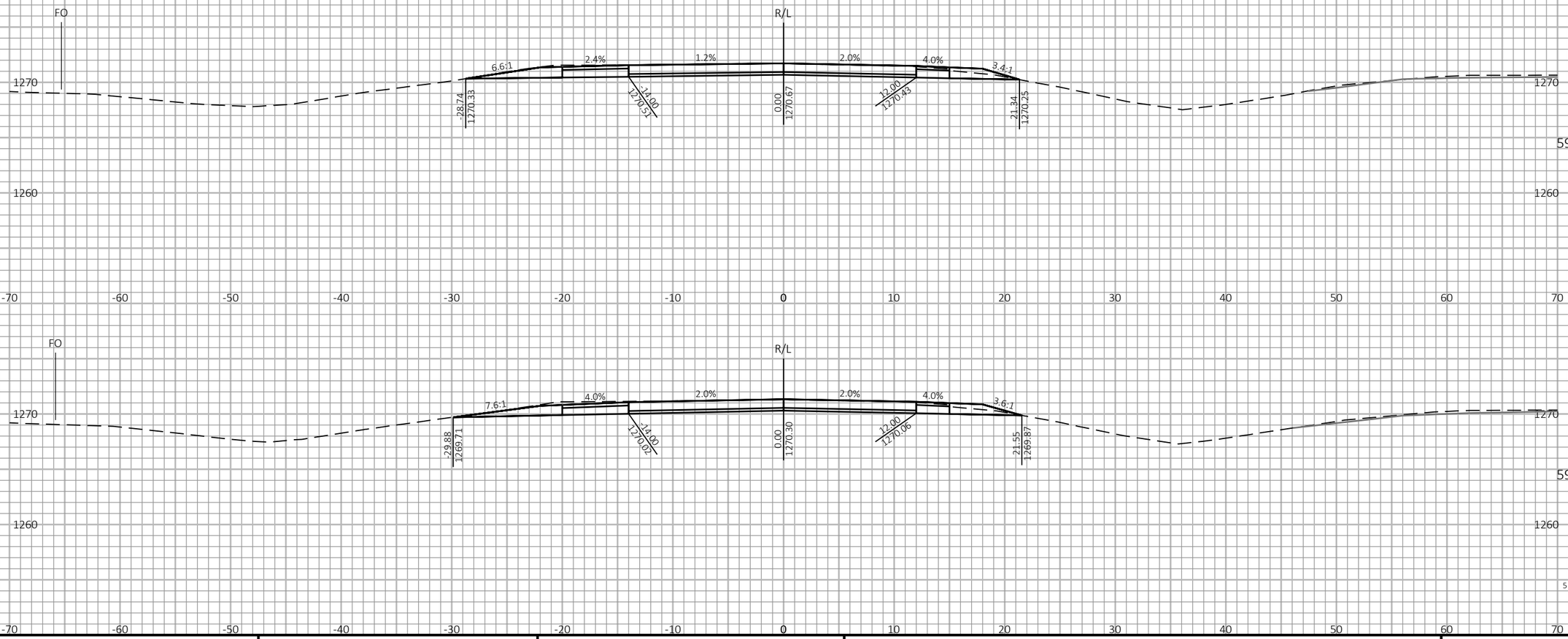
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 809	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 16

PLOT DATE : 10/7/2022 12:50 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

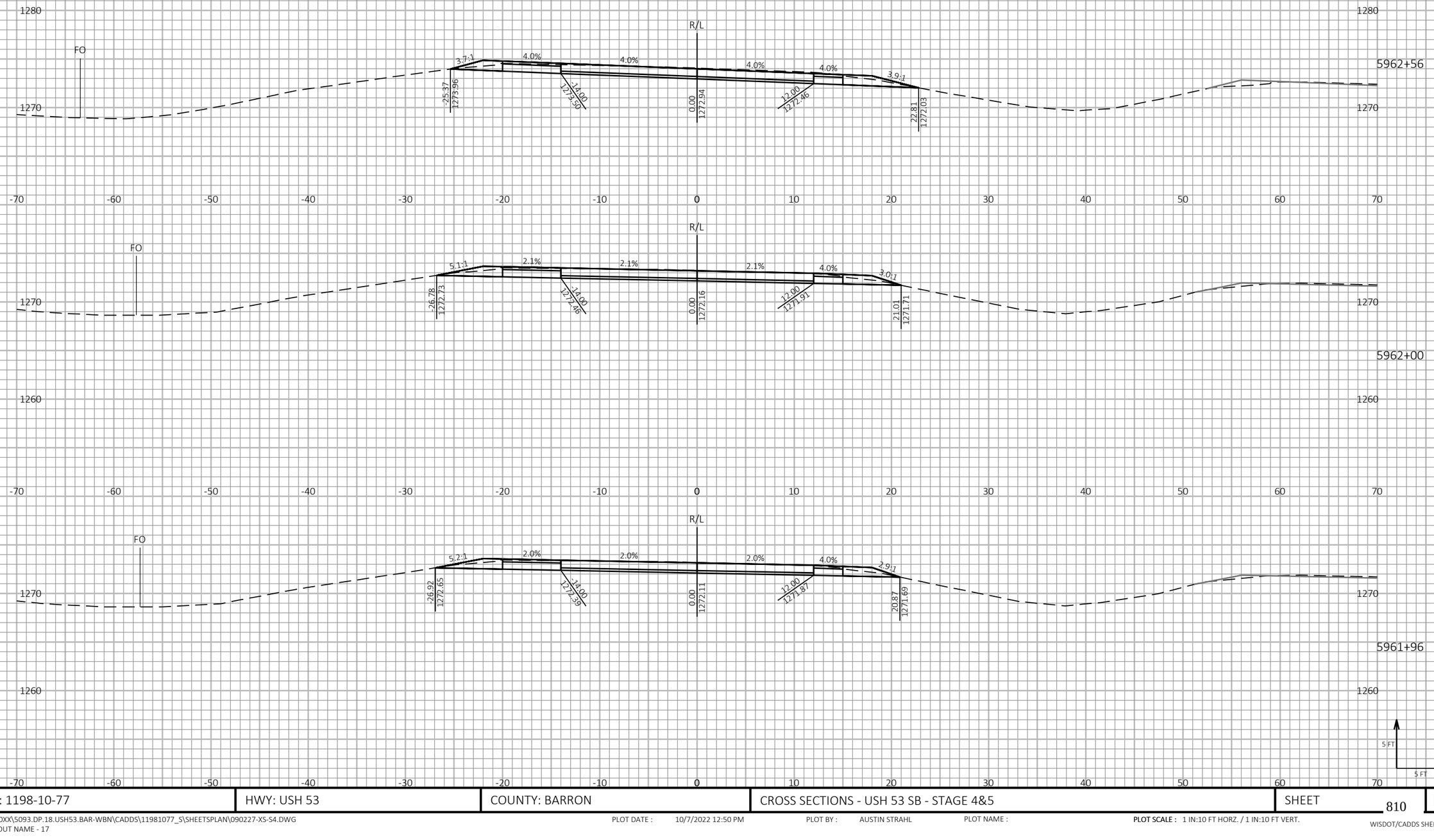
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 810	E

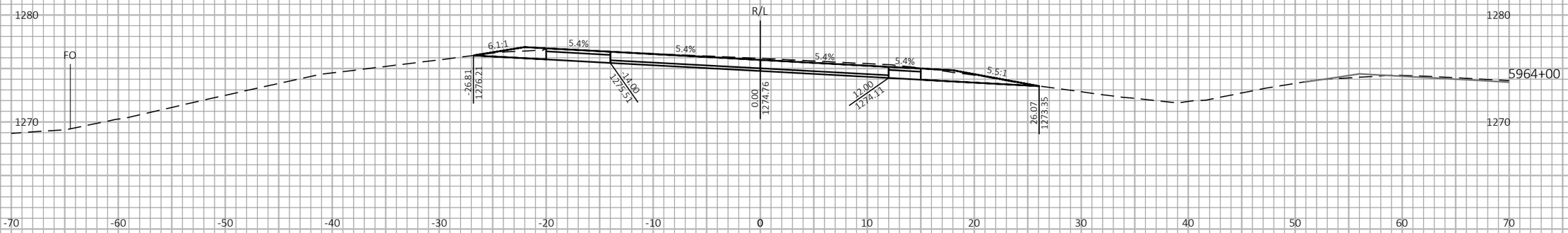
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 17

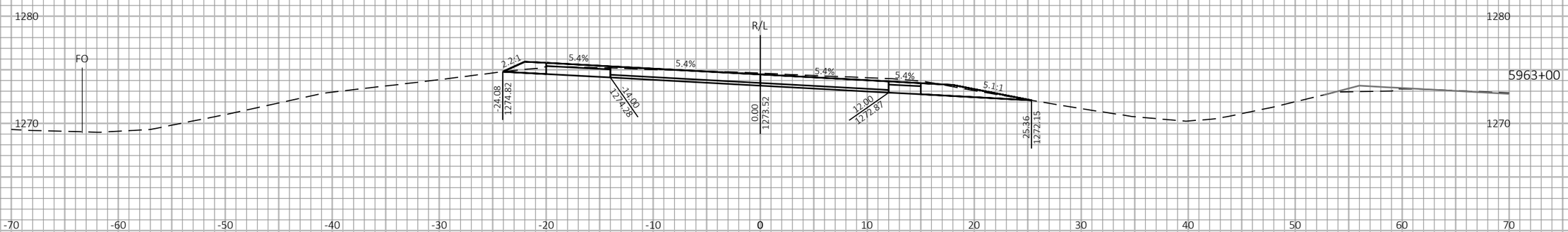
PLOT DATE : 10/7/2022 12:50 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

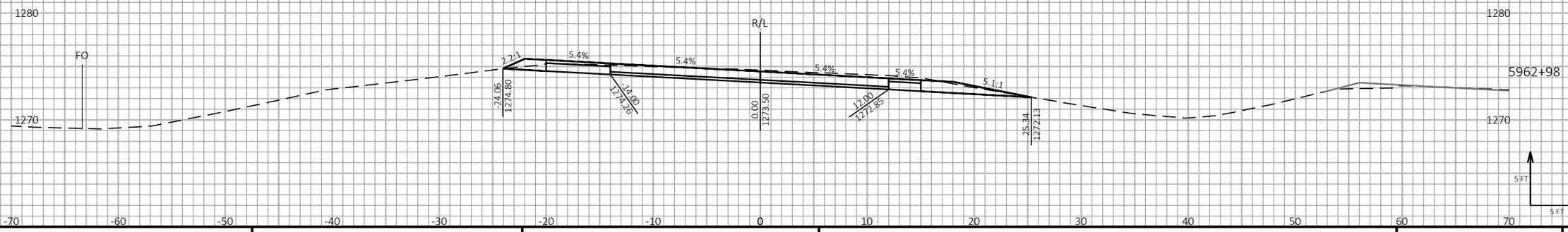
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 811	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 18

PLOT DATE : 10/7/2022 12:50 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

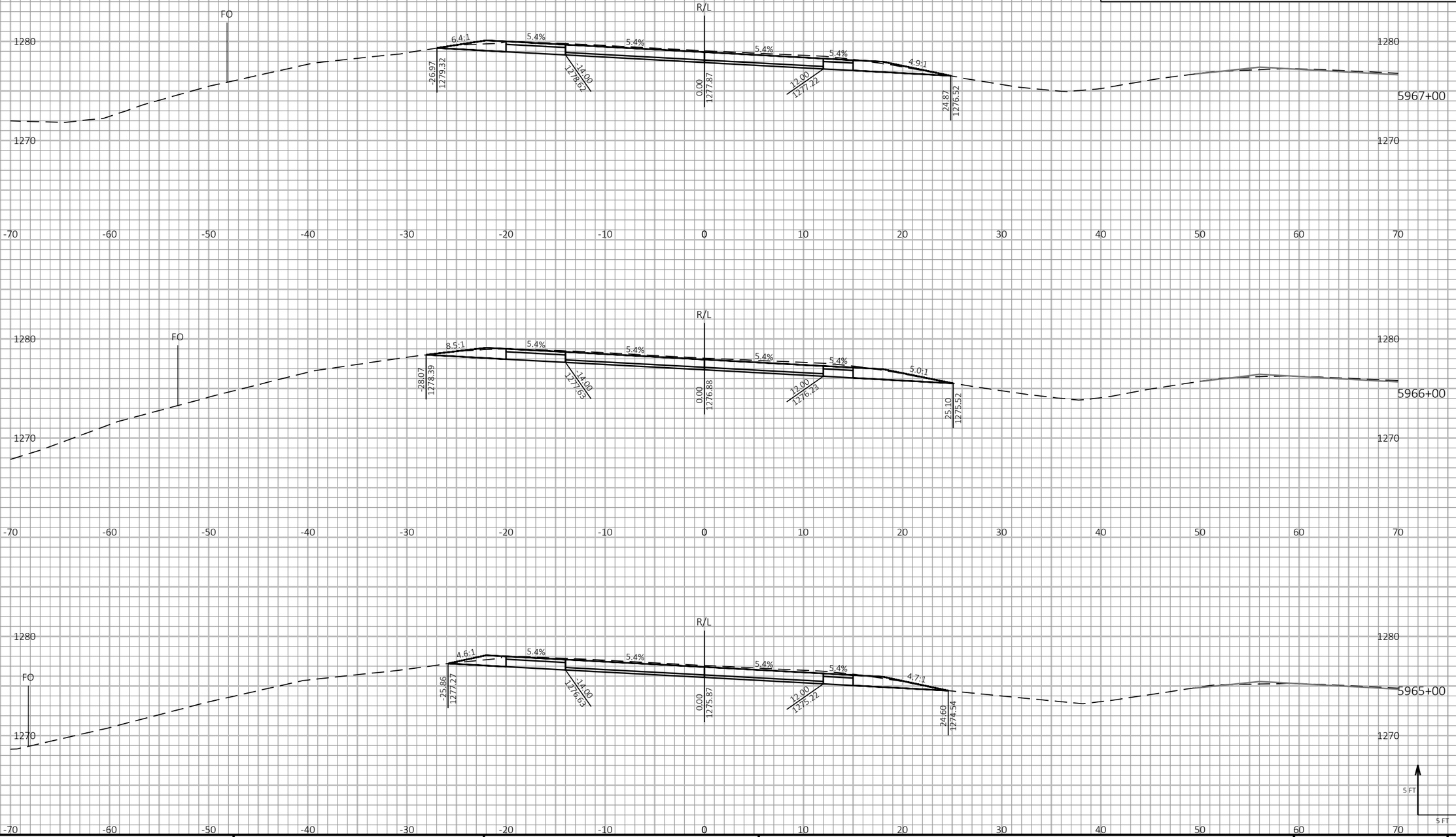
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 812	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 19

PLOT DATE : 10/7/2022 12:50 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

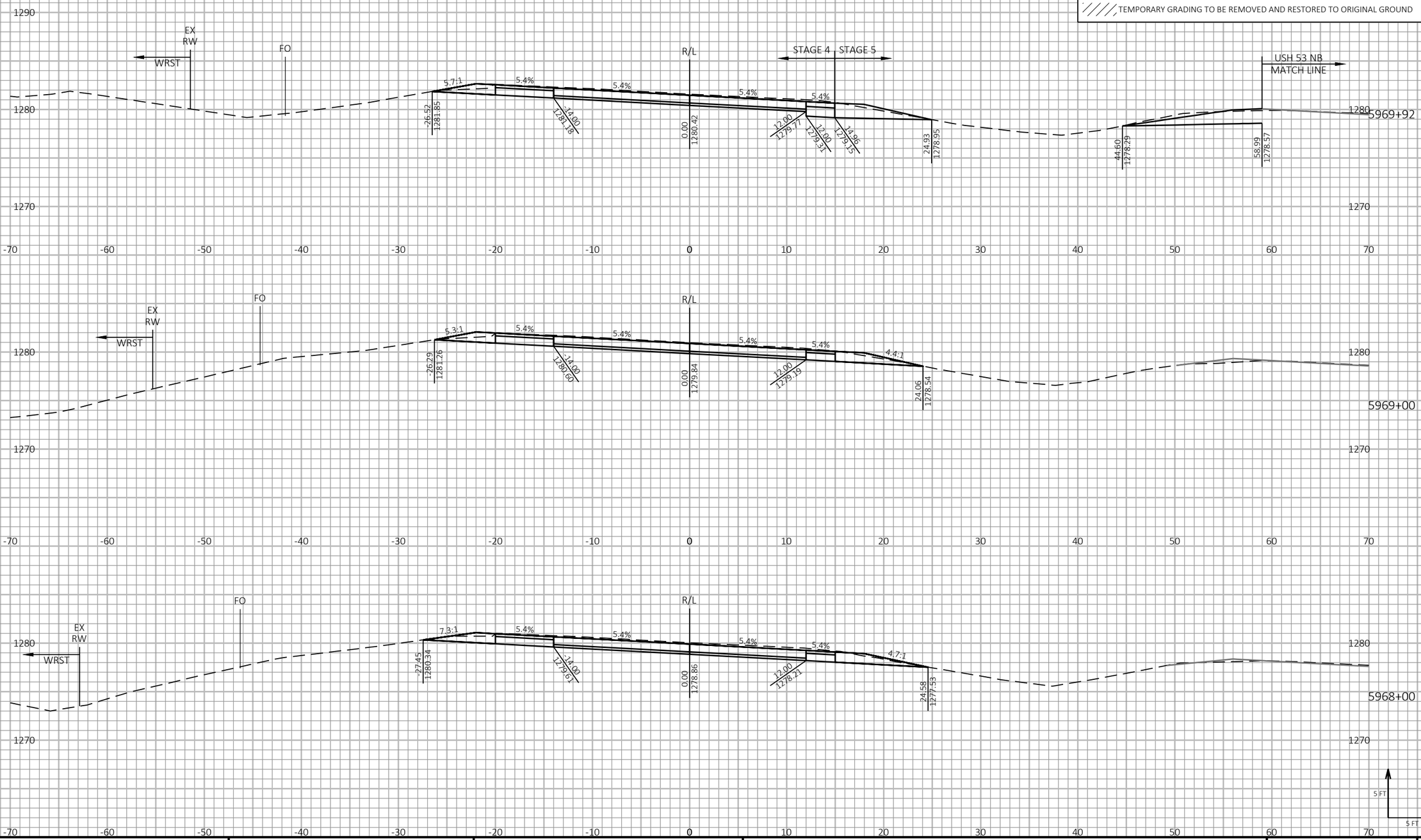
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 813	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 20

PLOT DATE : 10/7/2022 12:51 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

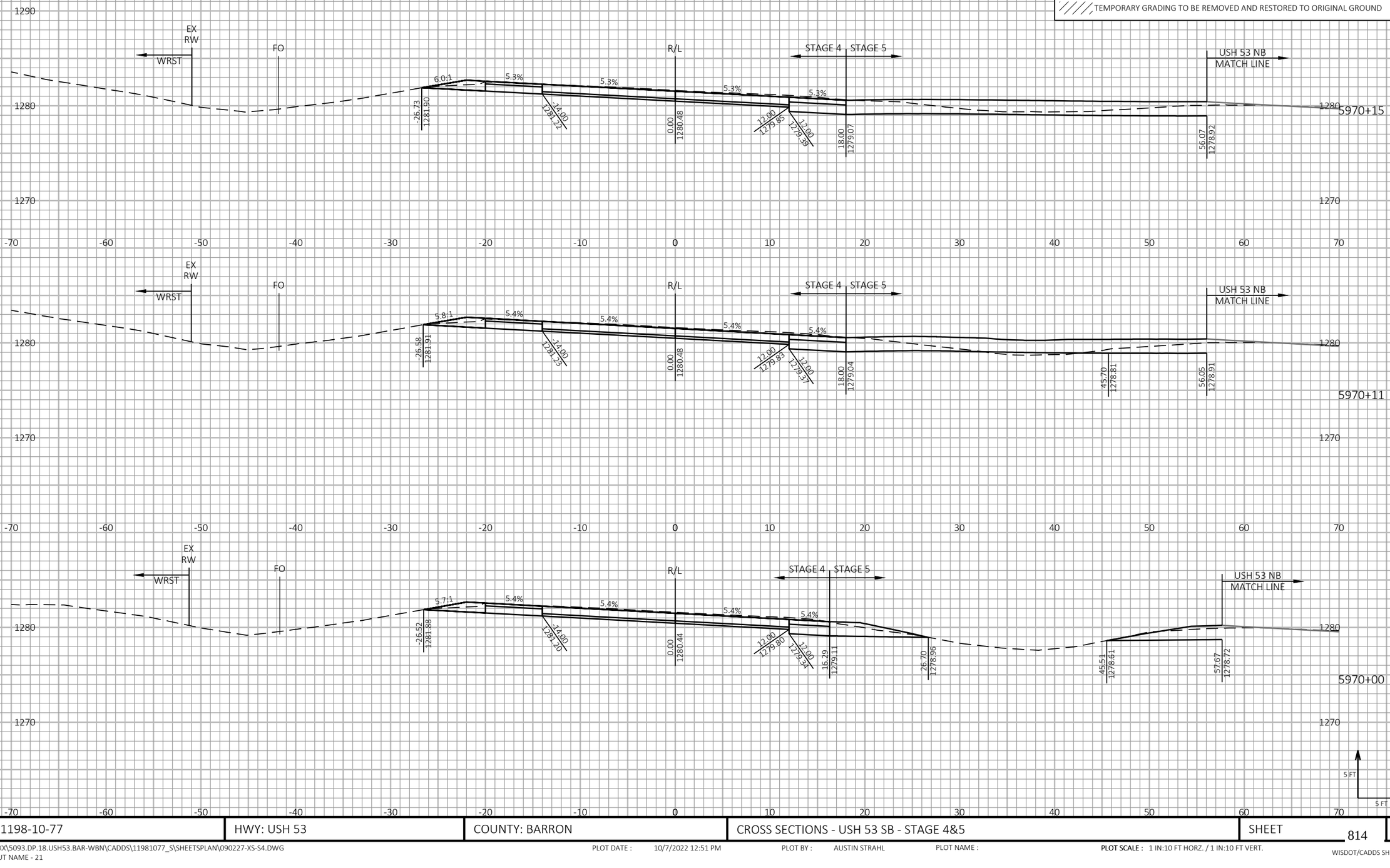
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 814	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 21

PLOT DATE : 10/7/2022 12:51 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

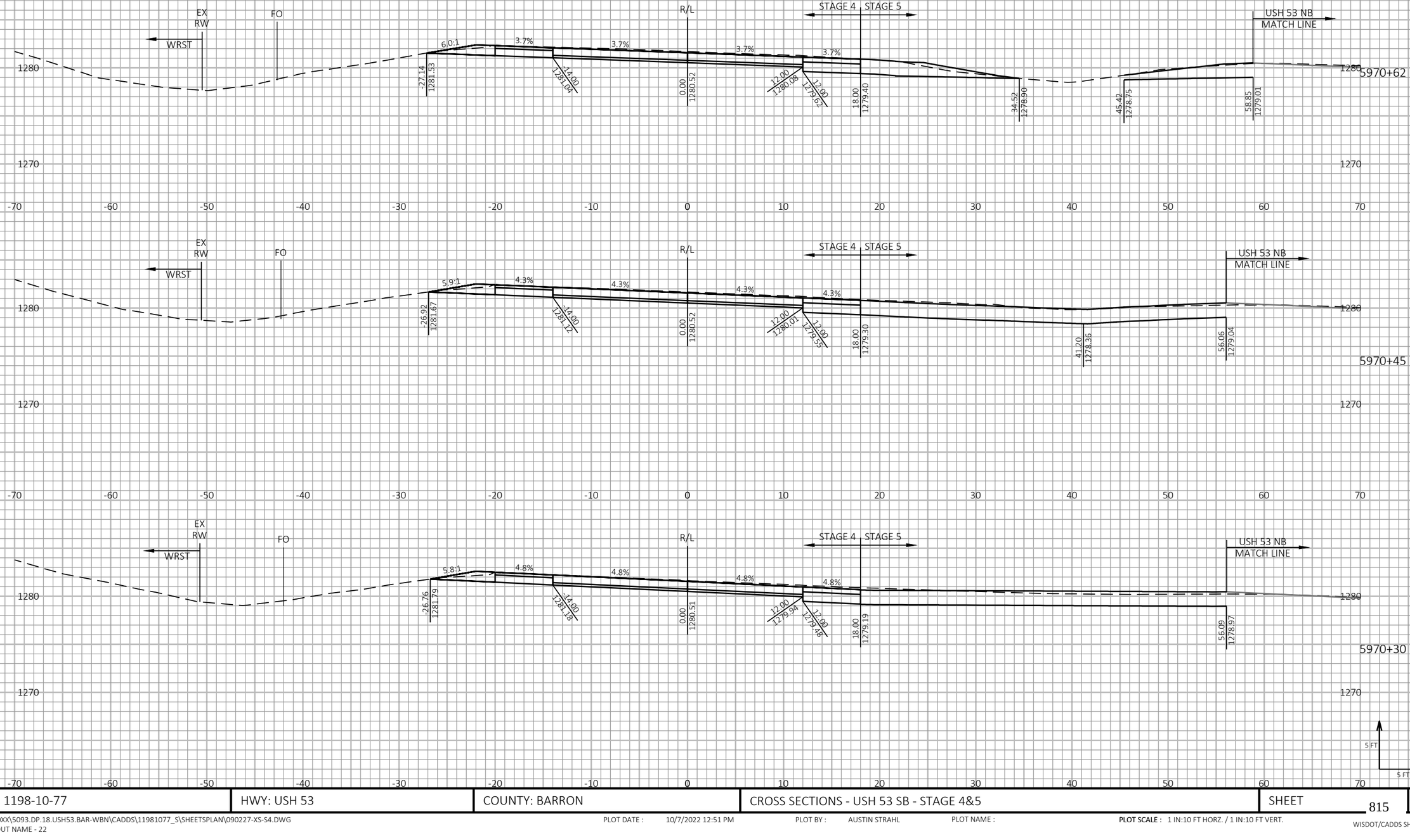
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 815	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 22

PLOT DATE : 10/7/2022 12:51 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

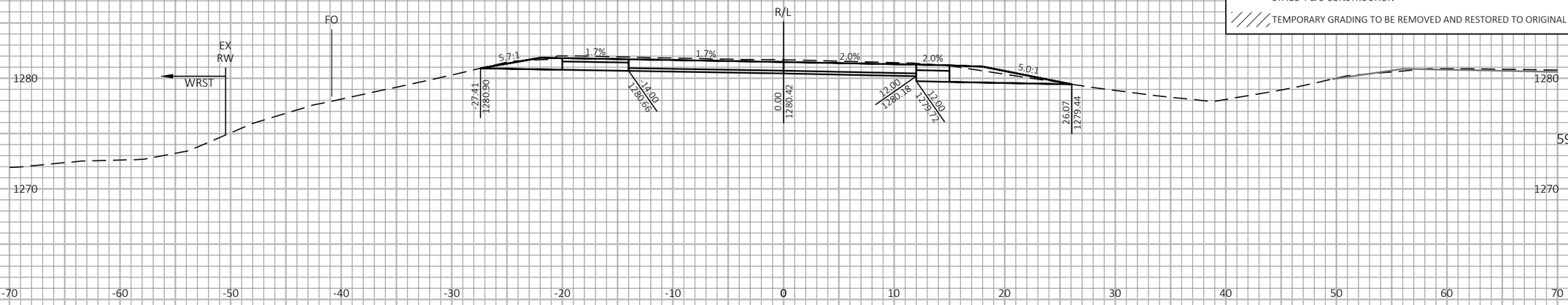
EXISTING GROUND

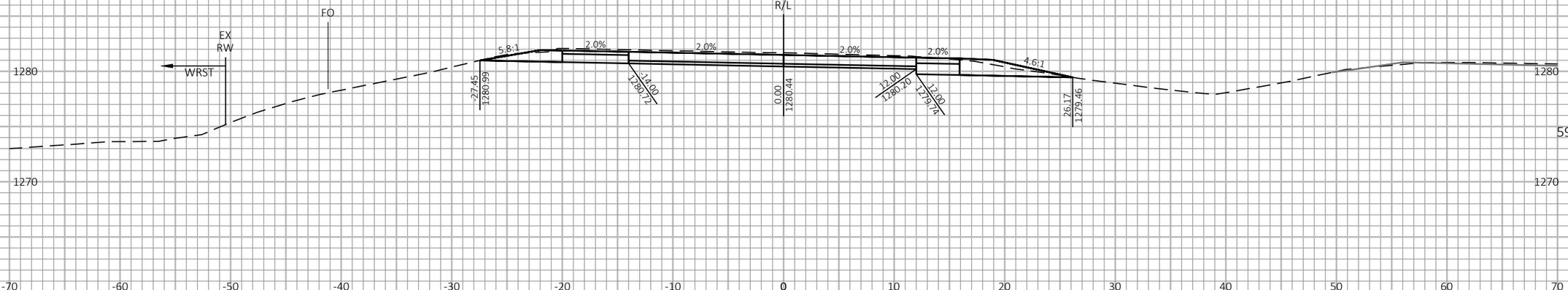
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

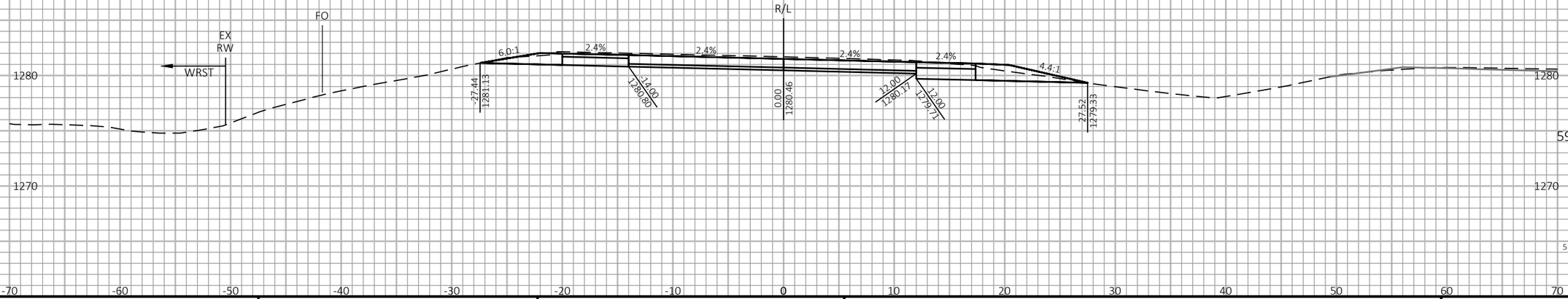
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 816	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 23

PLOT DATE : 10/7/2022 12:51 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

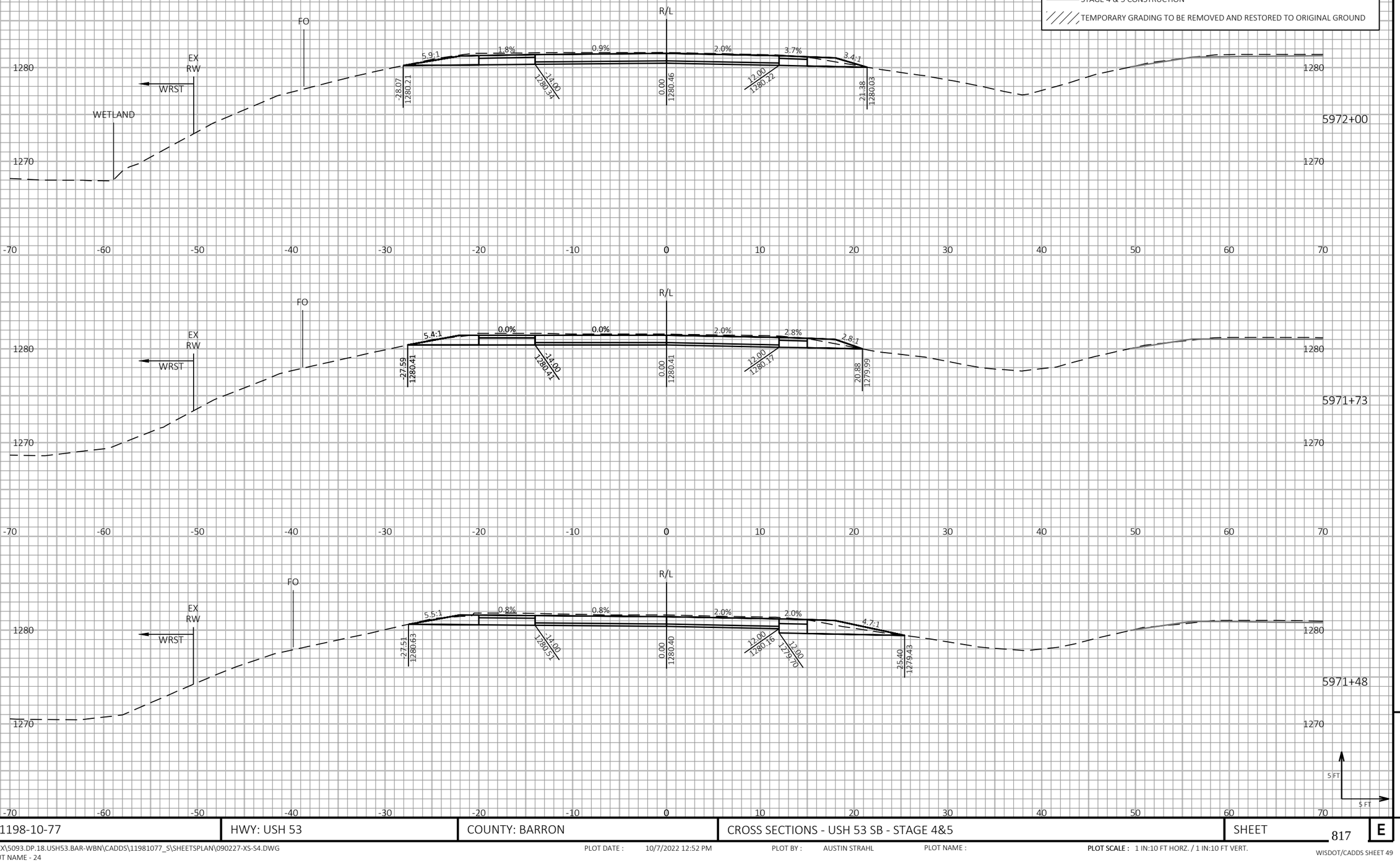
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 817	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 24

PLOT DATE : 10/7/2022 12:52 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND

9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 818	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 25

PLOT DATE : 10/7/2022 12:52 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

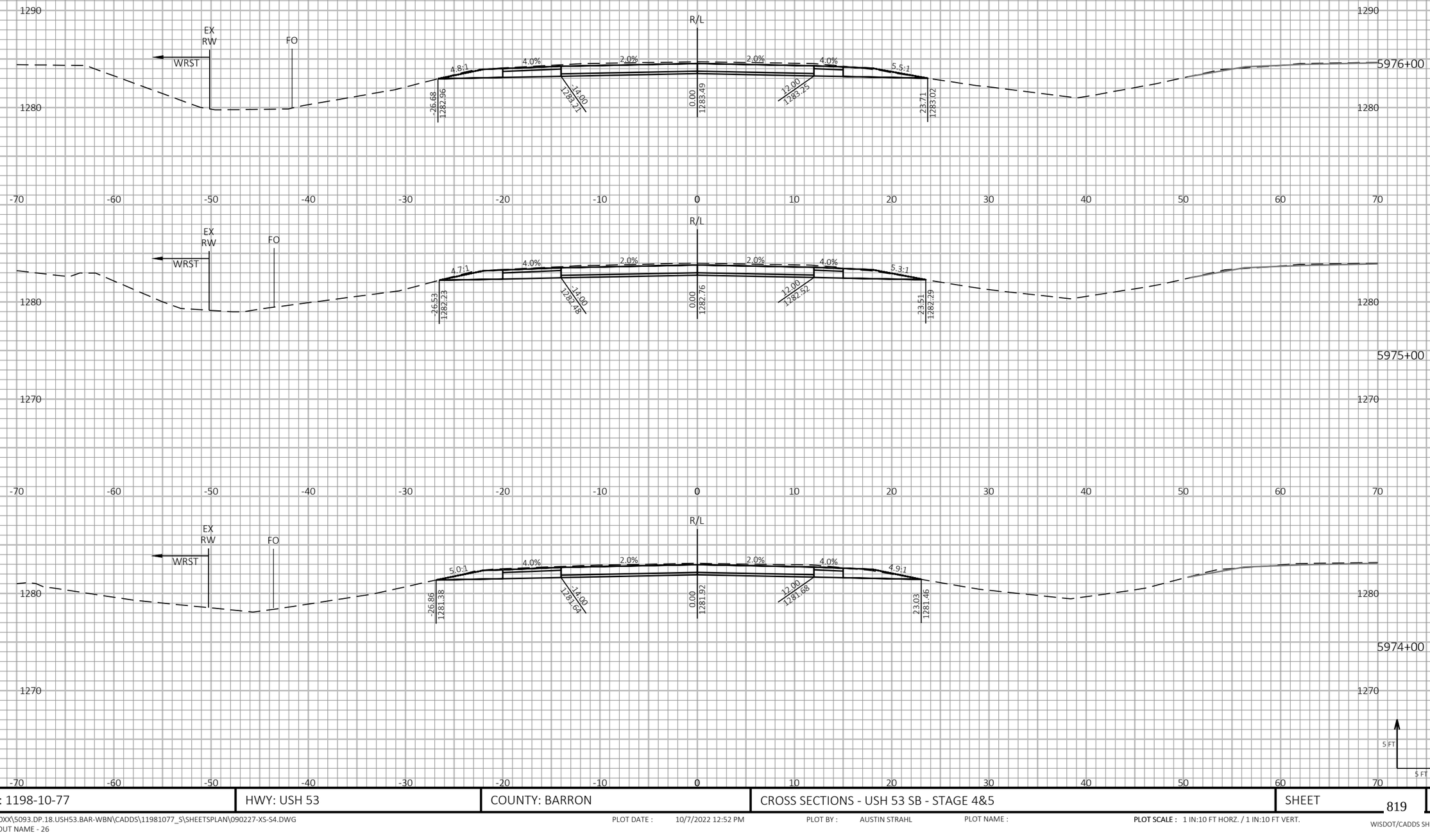
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 819	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 26

PLOT DATE : 10/7/2022 12:52 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

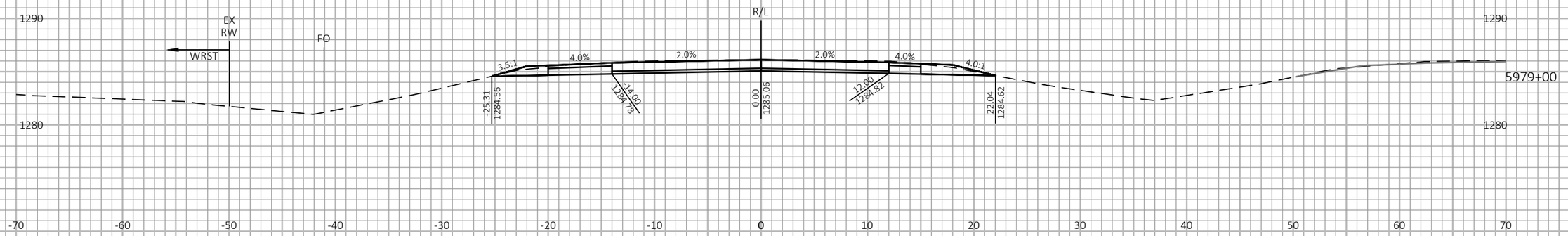
EXISTING GROUND

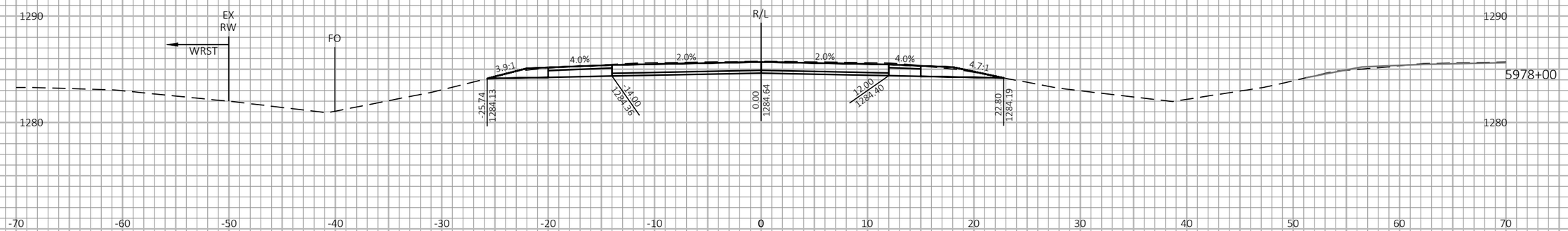
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

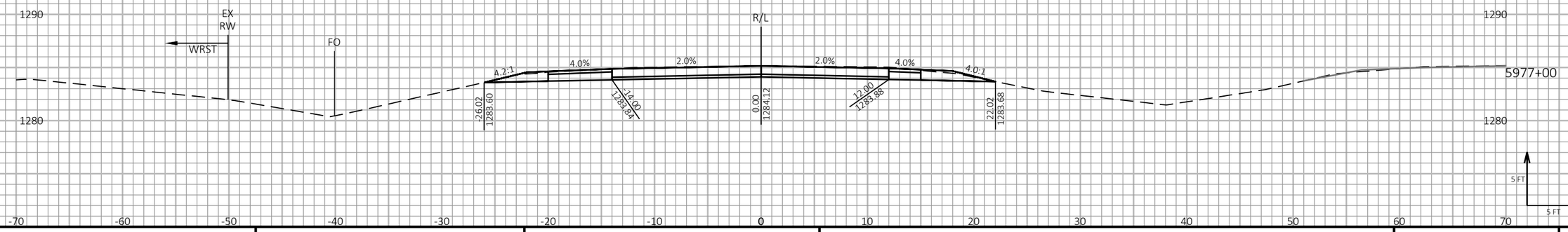
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 820	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 27

PLOT DATE : 10/7/2022 12:52 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

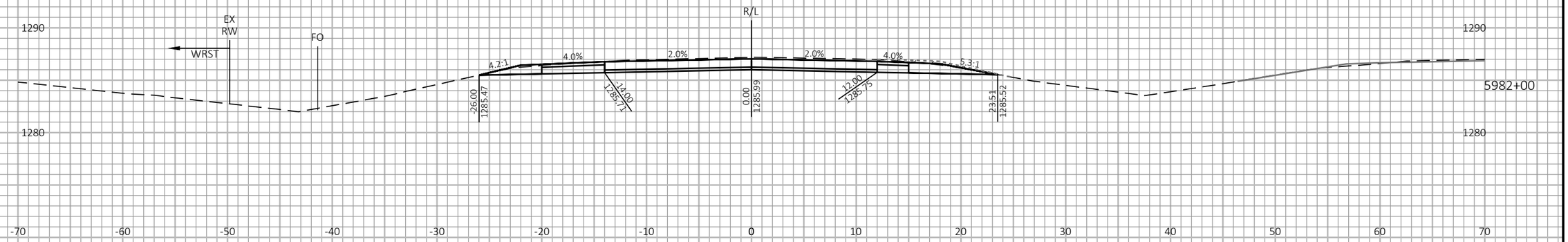
EXISTING GROUND

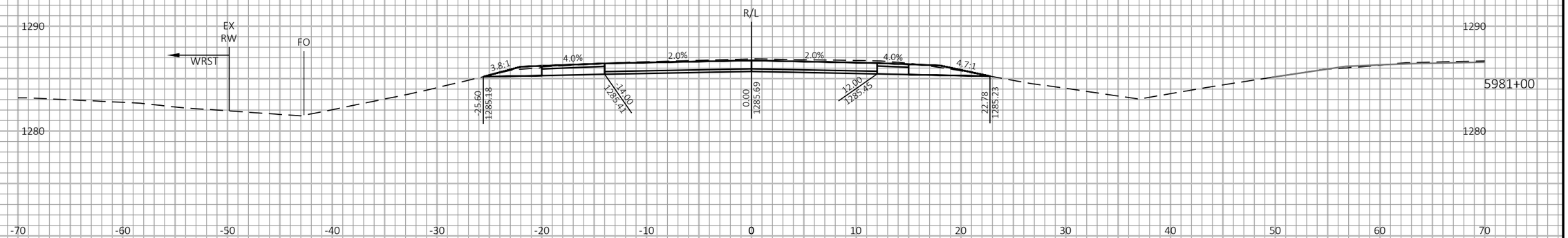
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

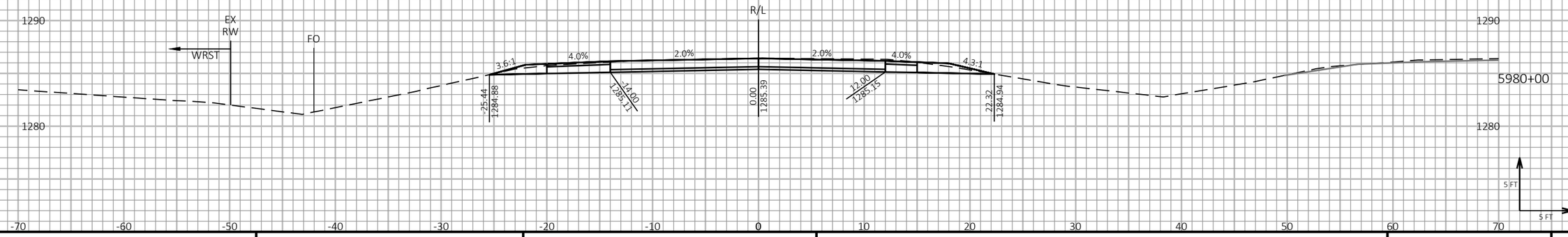
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 821	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 28

PLOT DATE : 10/7/2022 12:53 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

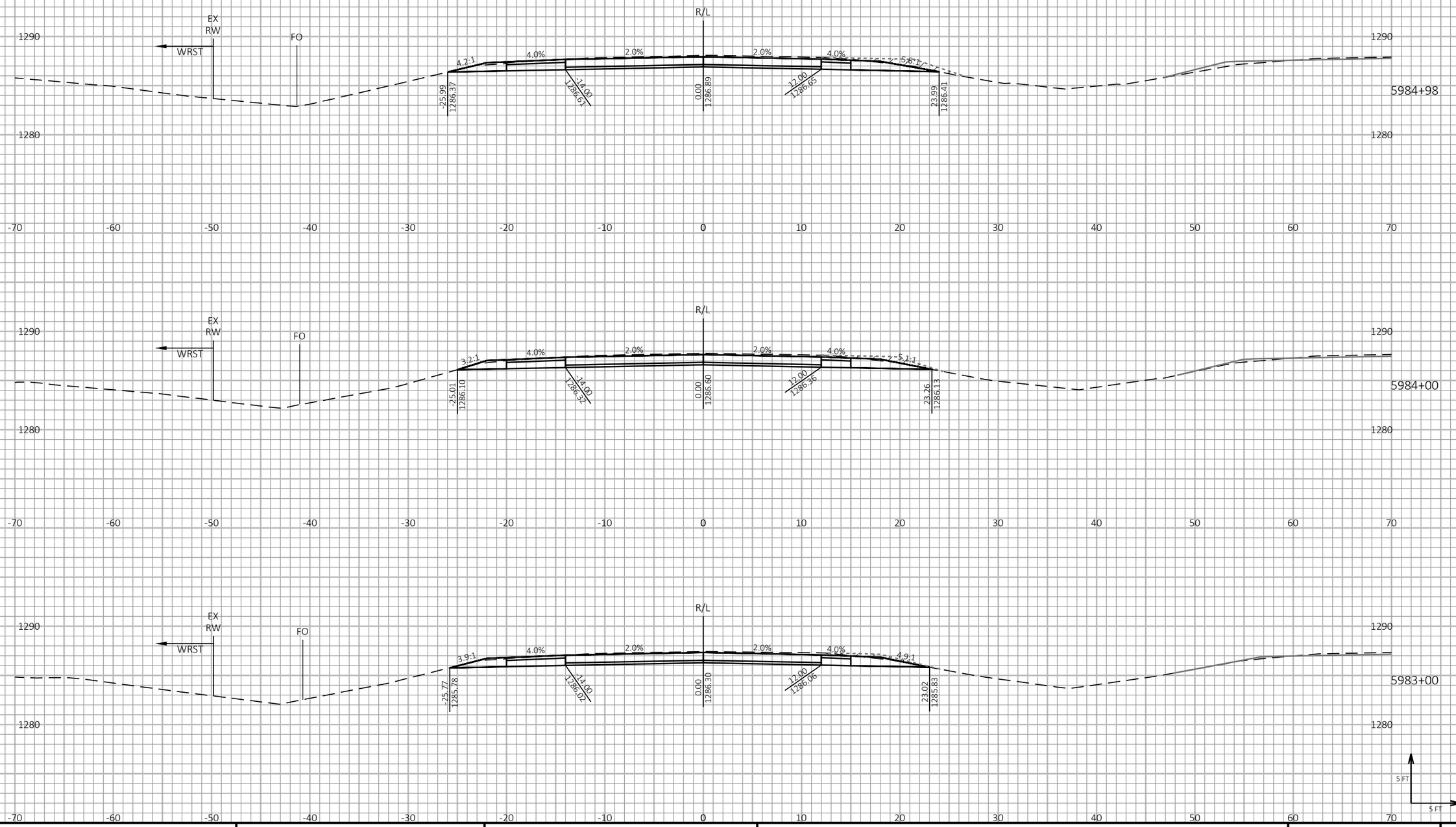
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 822	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 29

PLOT DATE : 10/7/2022 12:53 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

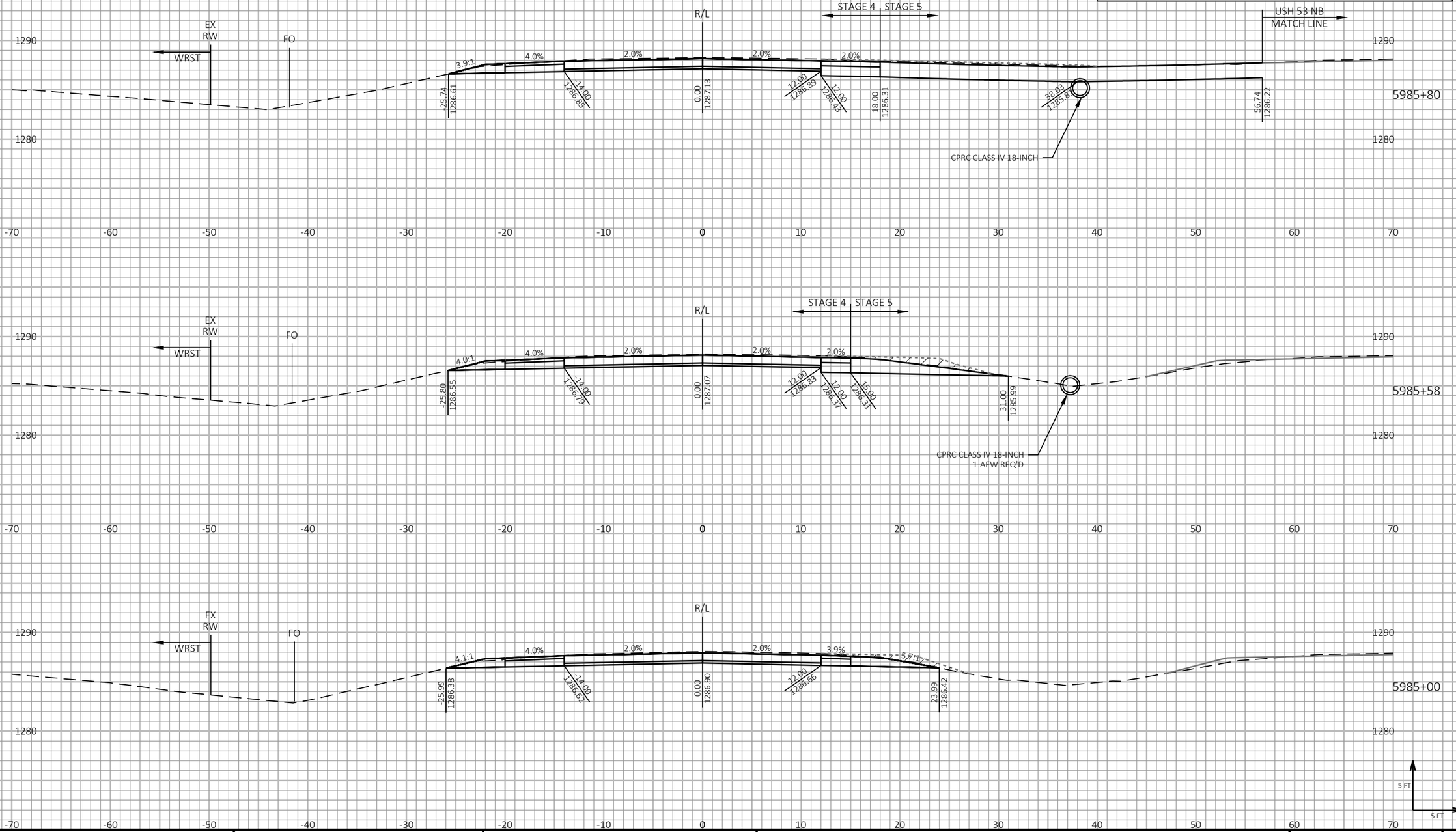
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 823	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 30

PLOT DATE : 10/7/2022 12:53 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

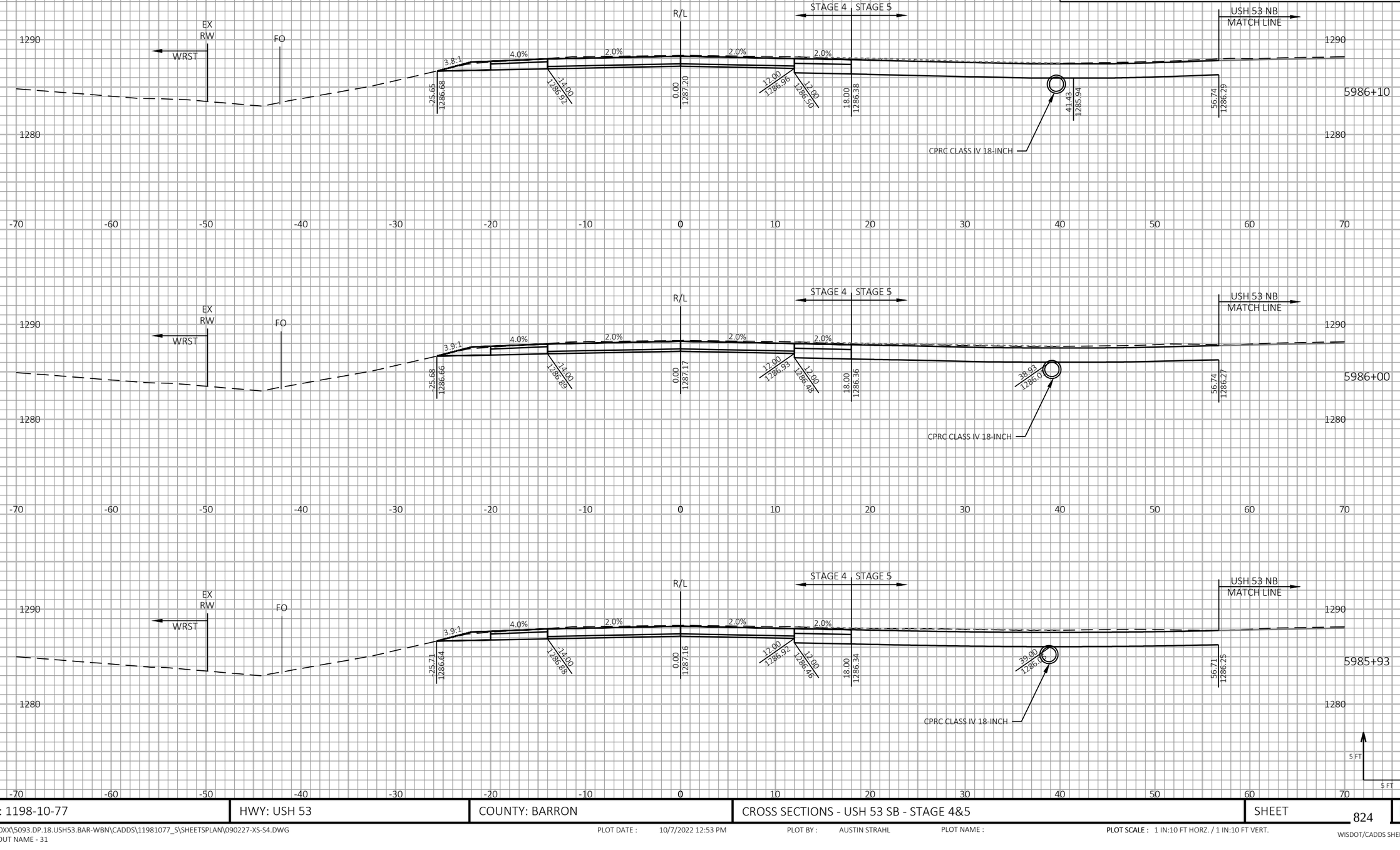
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 824	E

LEGEND

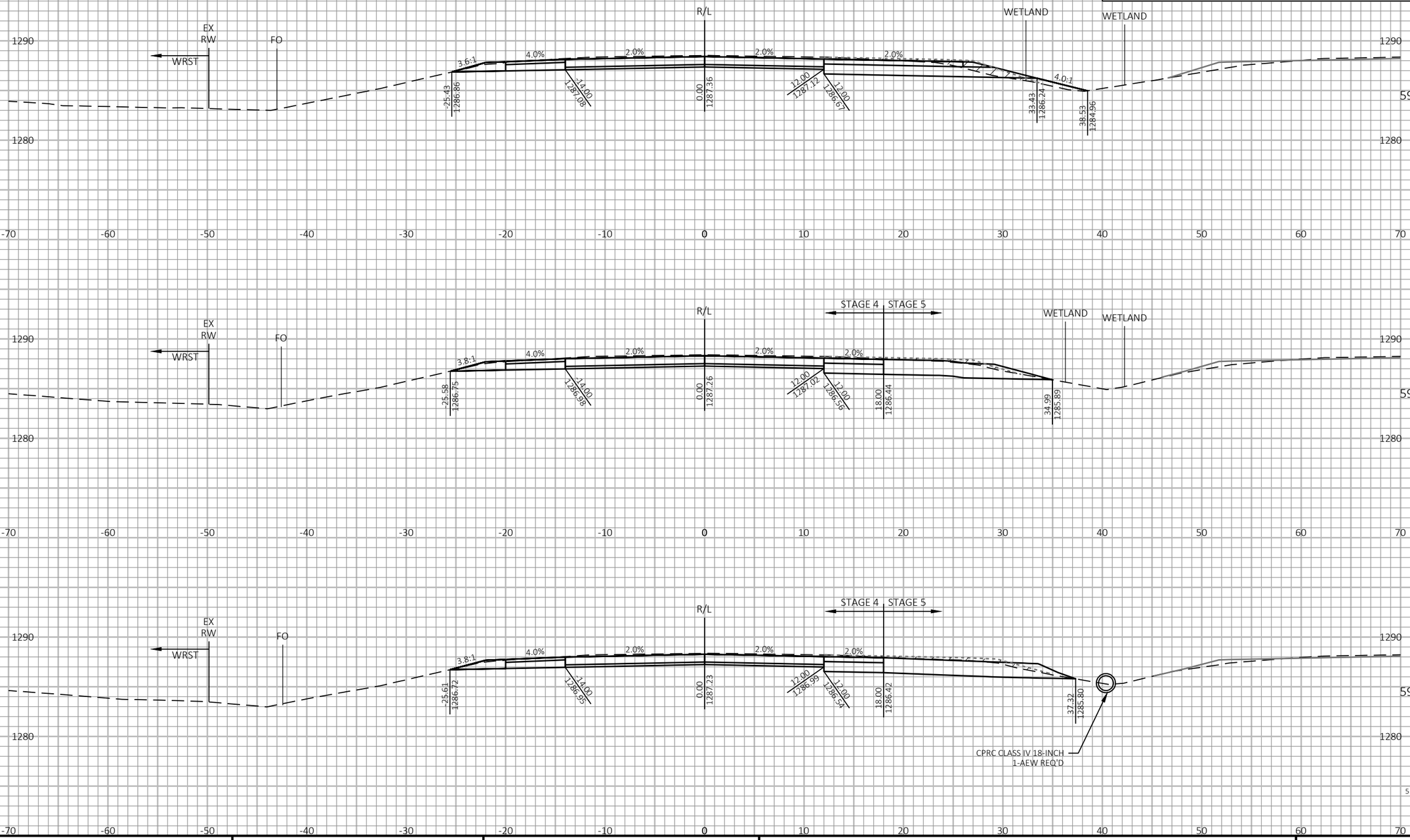
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 825	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 32

PLOT DATE : 10/7/2022 12:54 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

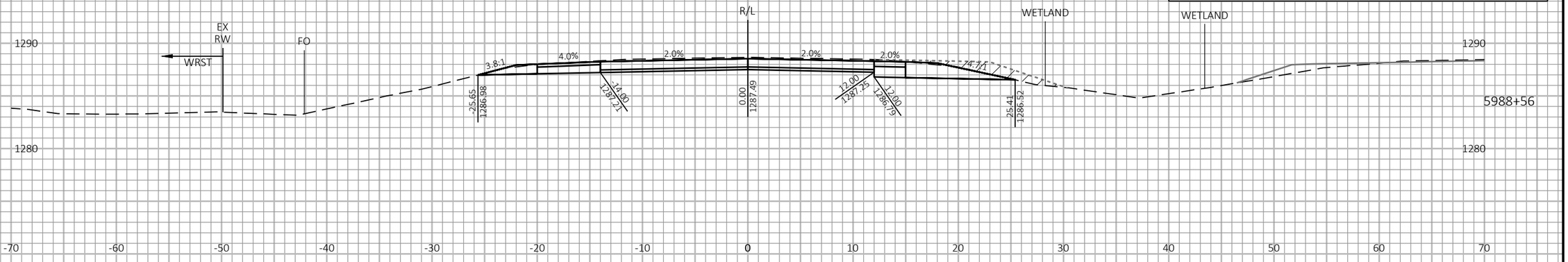
EXISTING GROUND

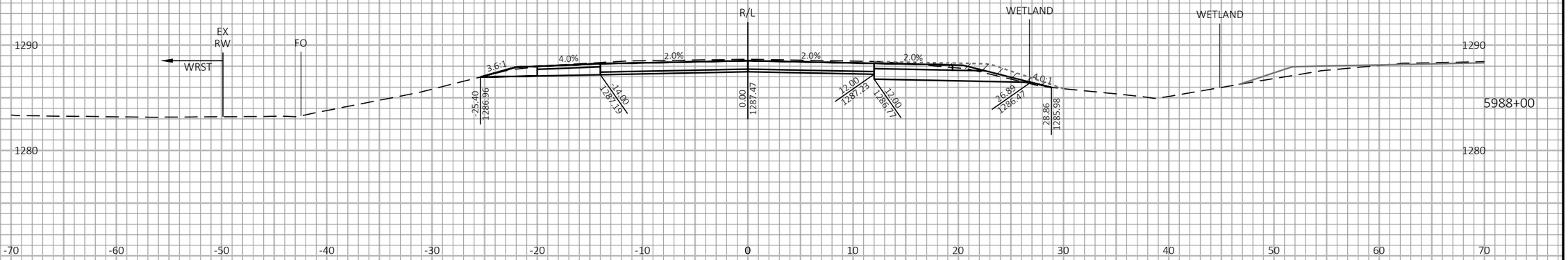
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

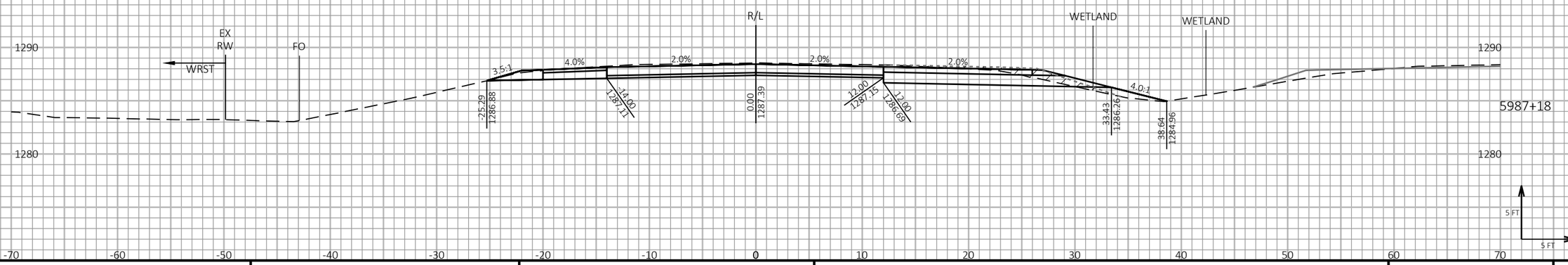
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 826	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 33

PLOT DATE : 10/7/2022 12:54 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

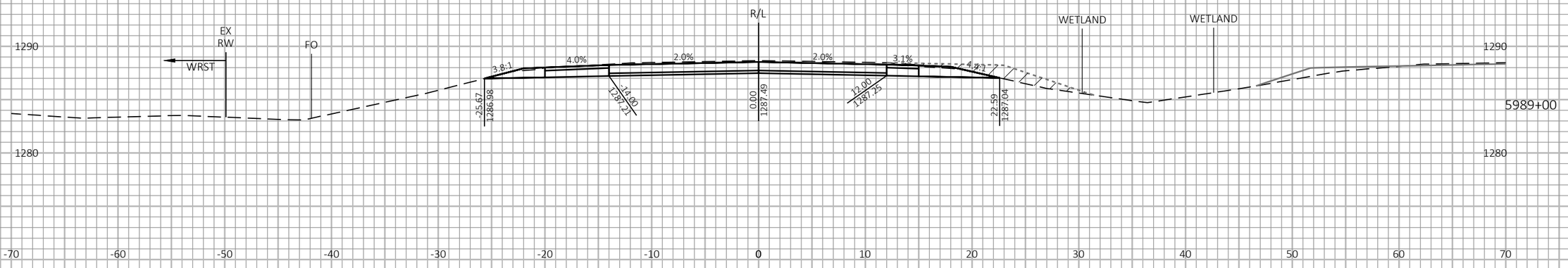
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

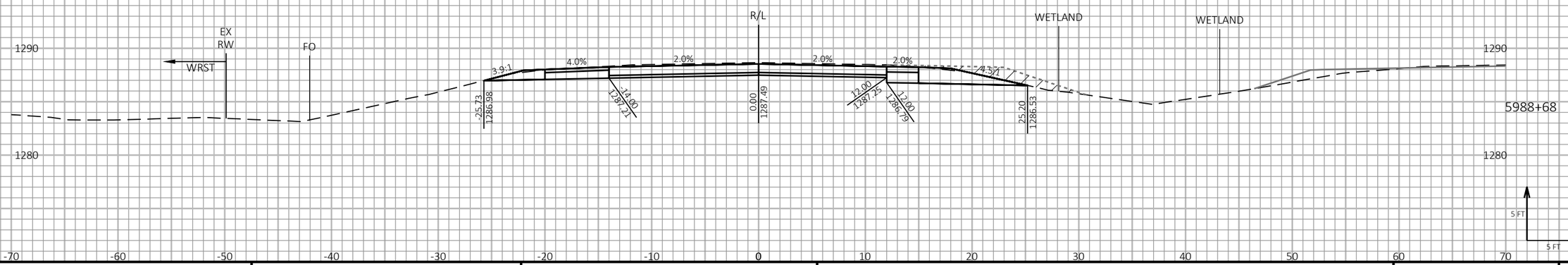
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 827	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 34

PLOT DATE : 10/7/2022 12:54 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

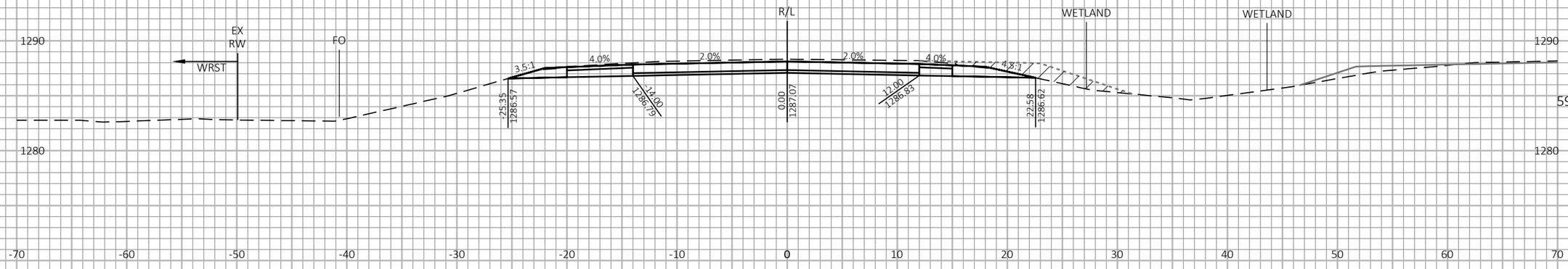
EXISTING GROUND

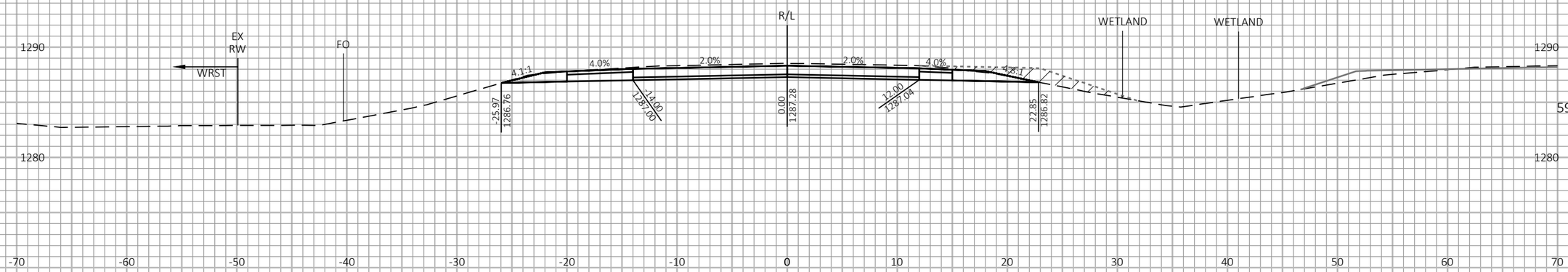
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

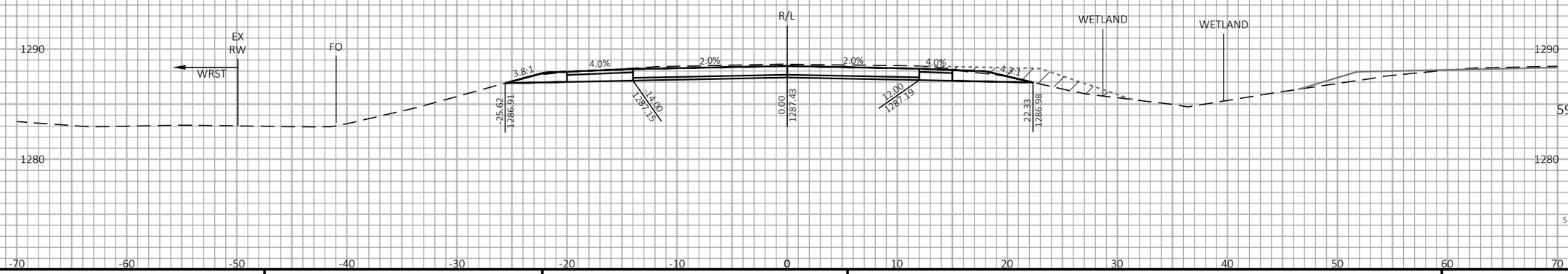
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 828 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 35

PLOT DATE : 10/7/2022 12:54 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

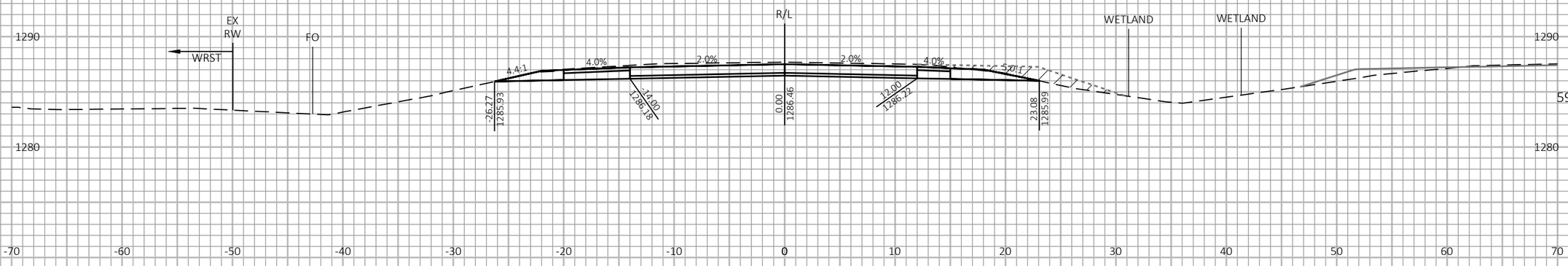
EXISTING GROUND

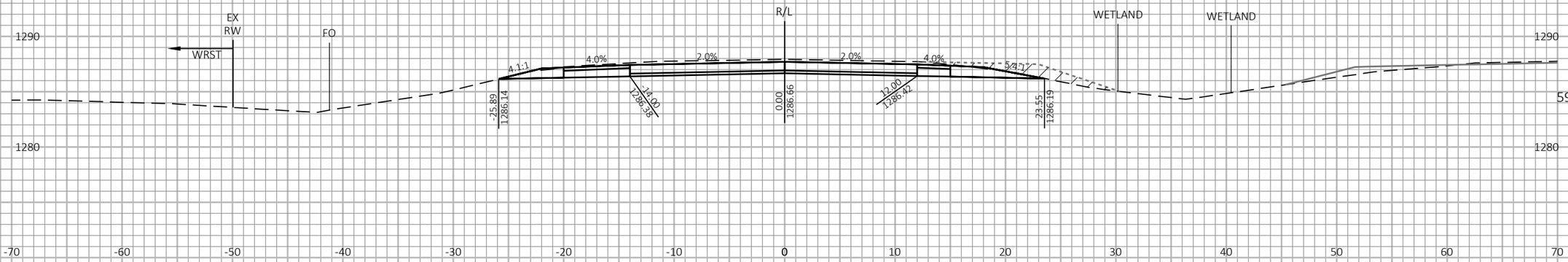
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

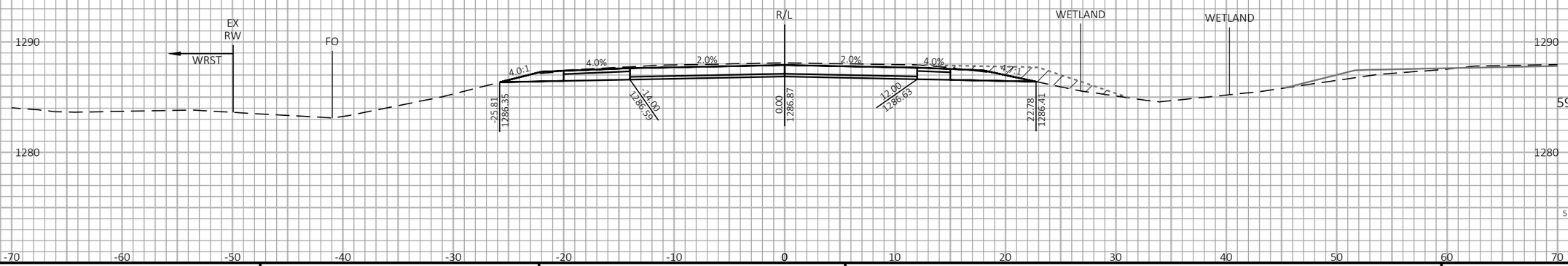
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 829	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 36

PLOT DATE : 10/7/2022 12:55 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

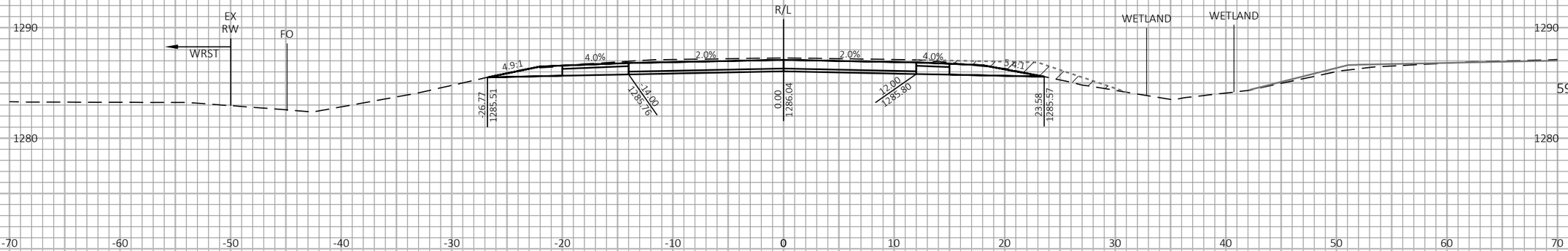
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

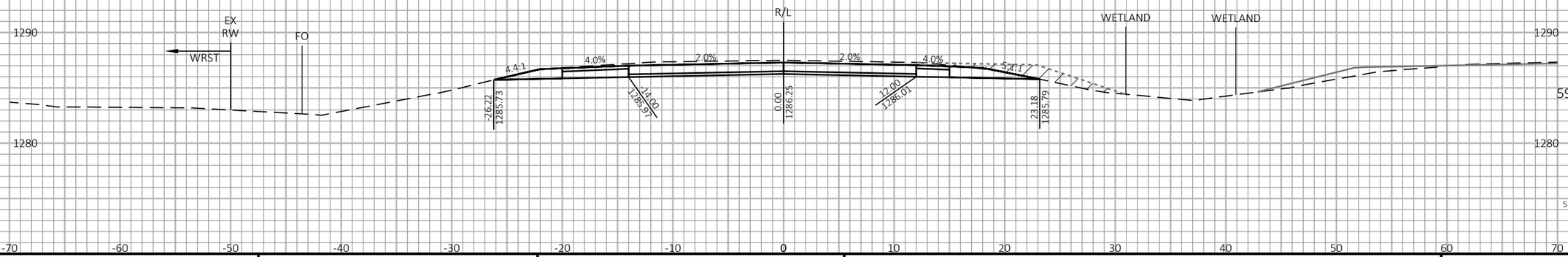
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 830	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 37

PLOT DATE : 10/7/2022 12:55 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

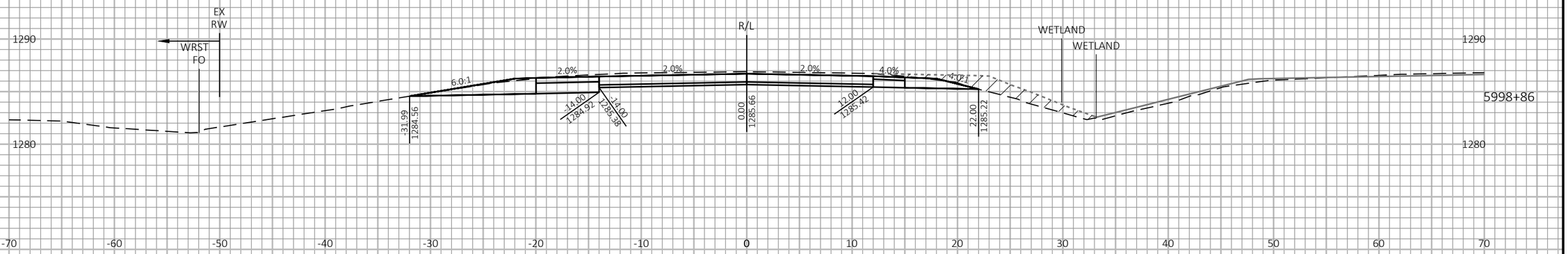
EXISTING GROUND

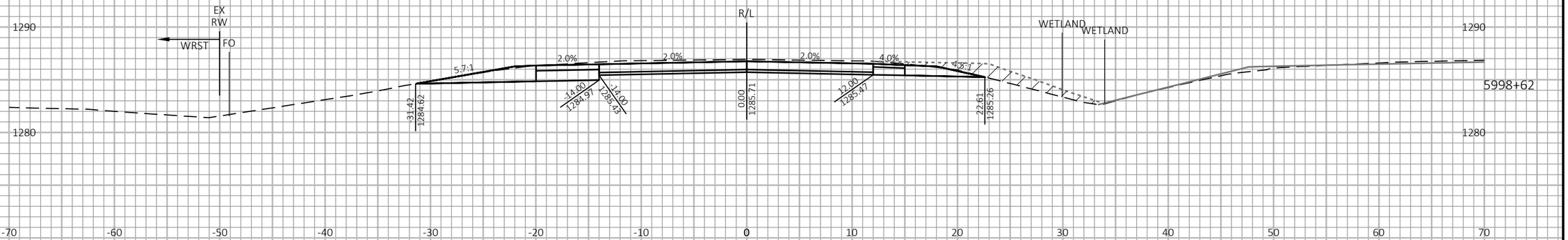
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

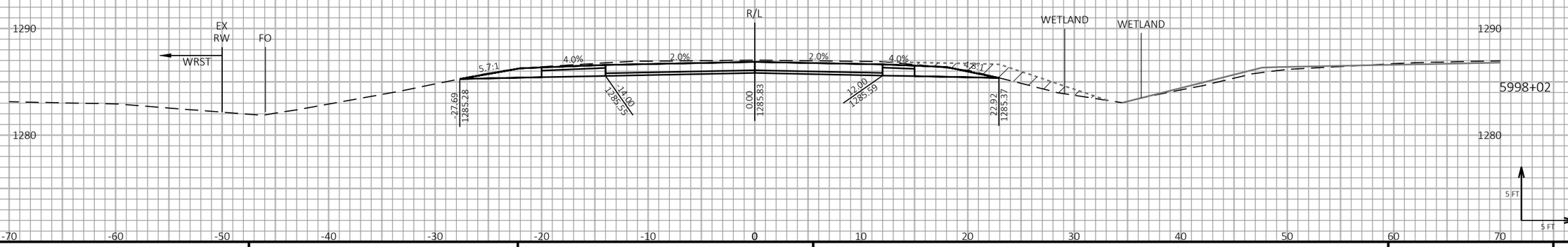
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 831	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 38

PLOT DATE : 10/7/2022 12:55 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

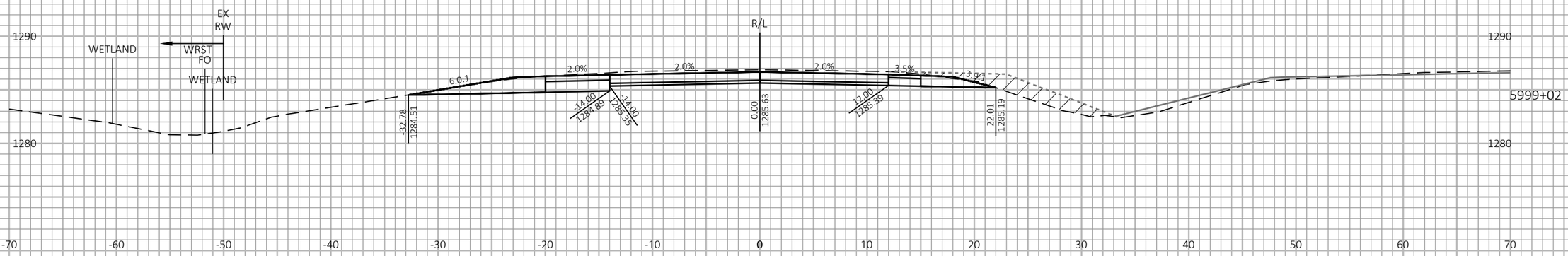
EXISTING GROUND

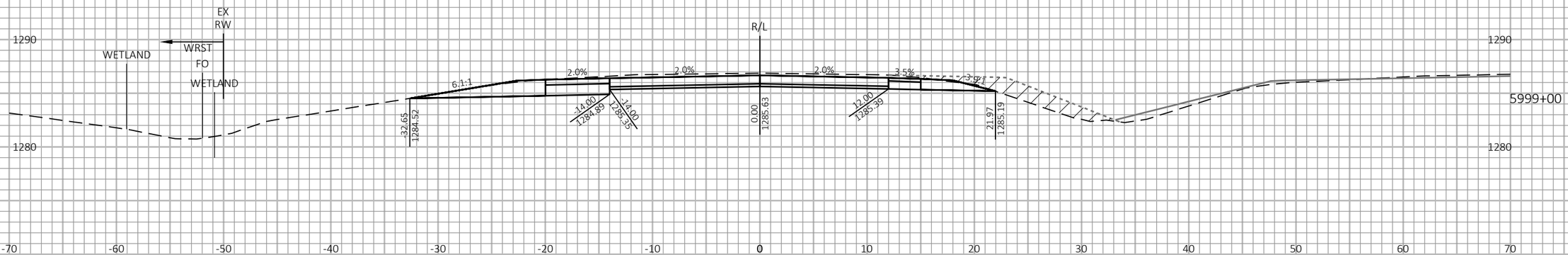
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

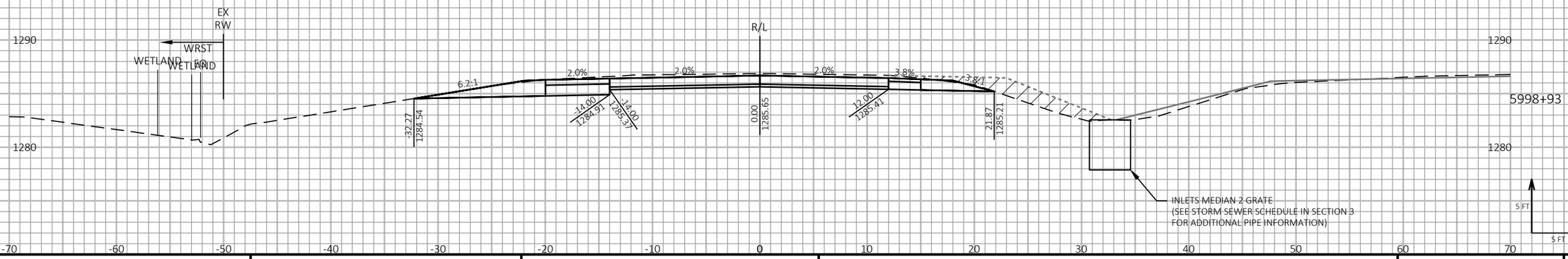
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 832	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 39

PLOT DATE : 10/7/2022 12:55 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

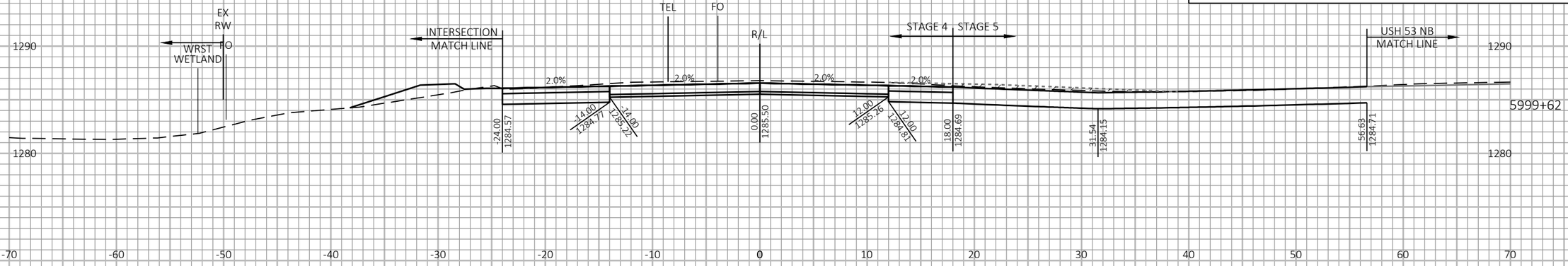
EXISTING GROUND

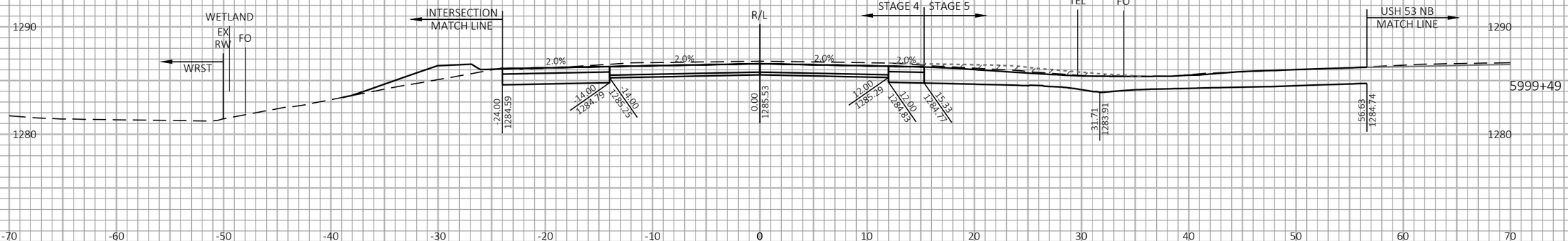
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

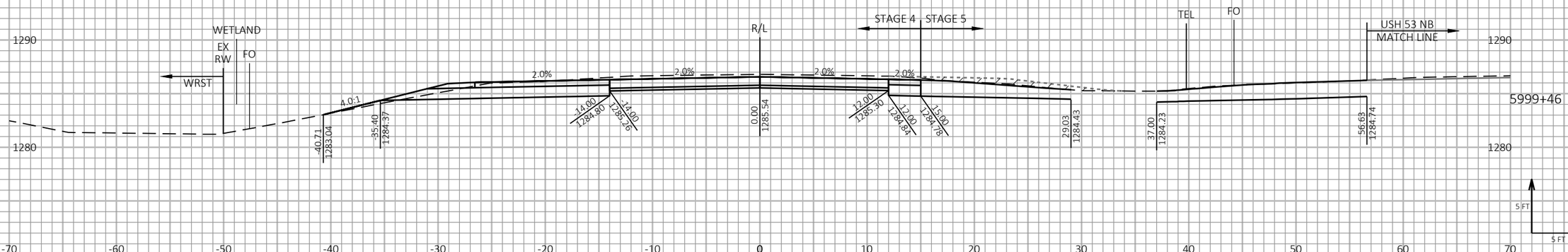
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 833	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 40

PLOT DATE : 10/7/2022 12:56 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

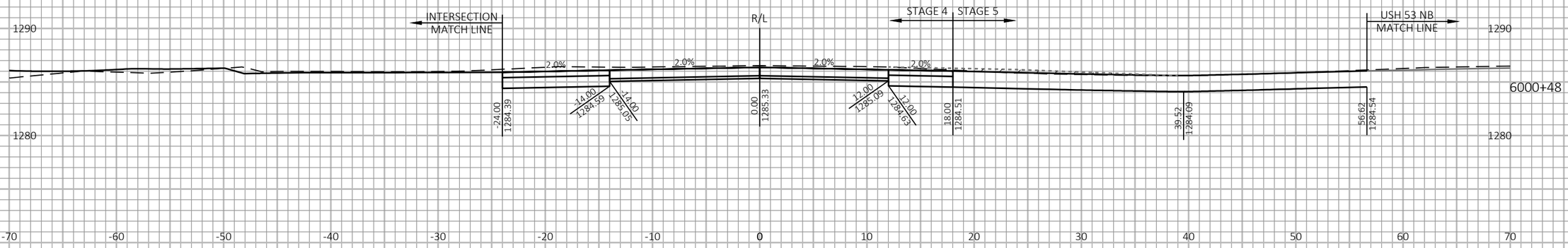
EXISTING GROUND

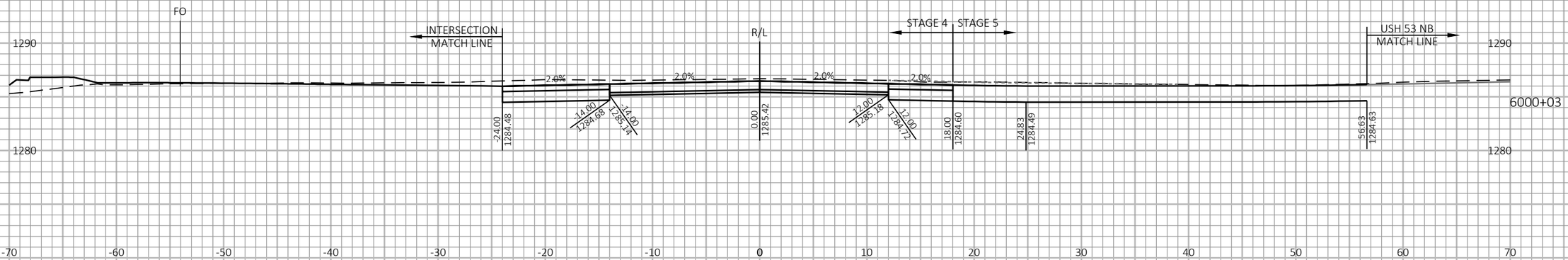
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

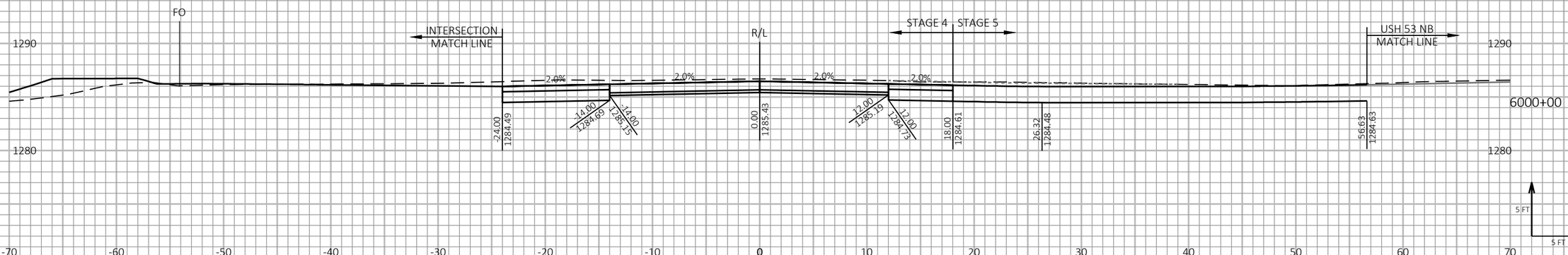
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 834	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 41

PLOT DATE : 10/7/2022 12:56 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

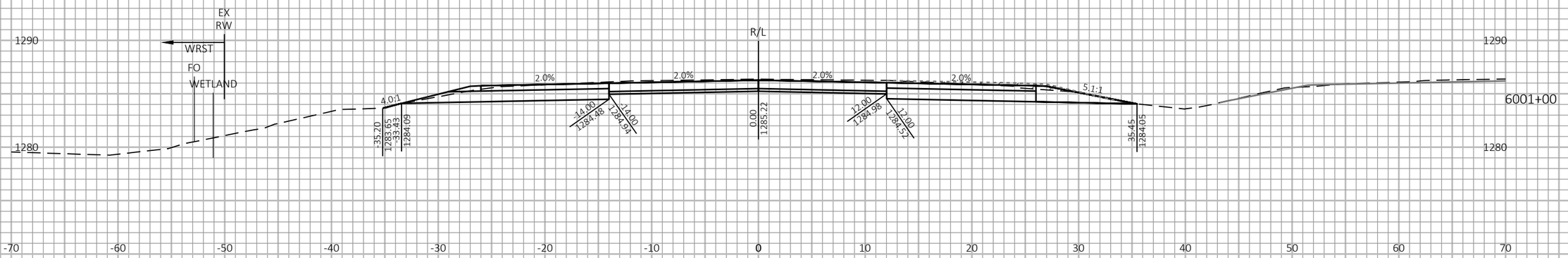
EXISTING GROUND

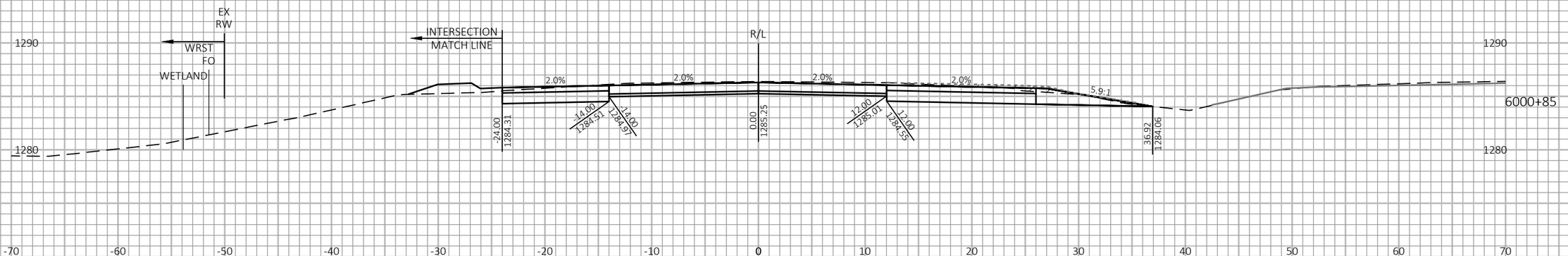
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 835	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 42

PLOT DATE : 10/7/2022 12:56 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

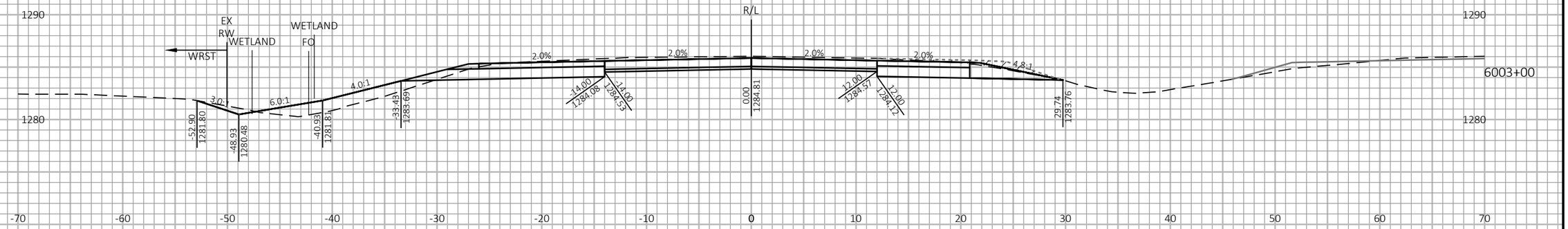
EXISTING GROUND

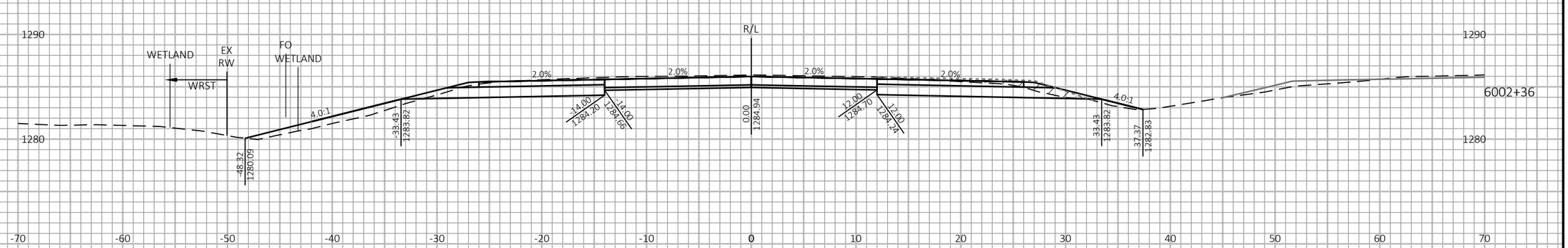
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

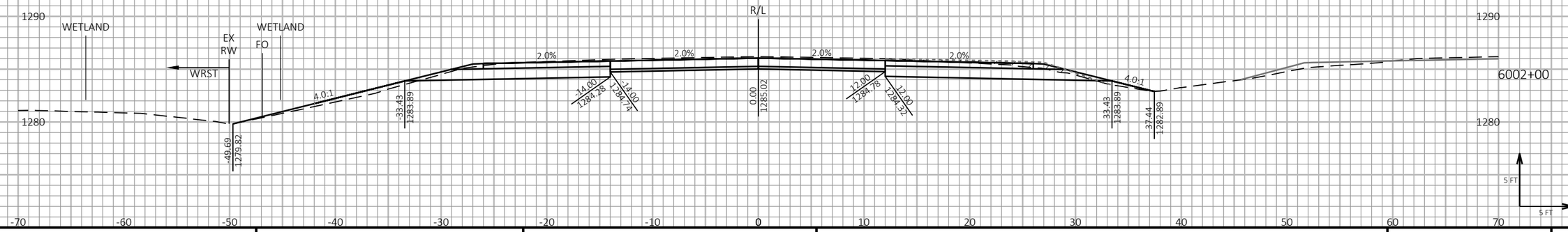
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 836	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 43

PLOT DATE : 10/7/2022 12:56 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

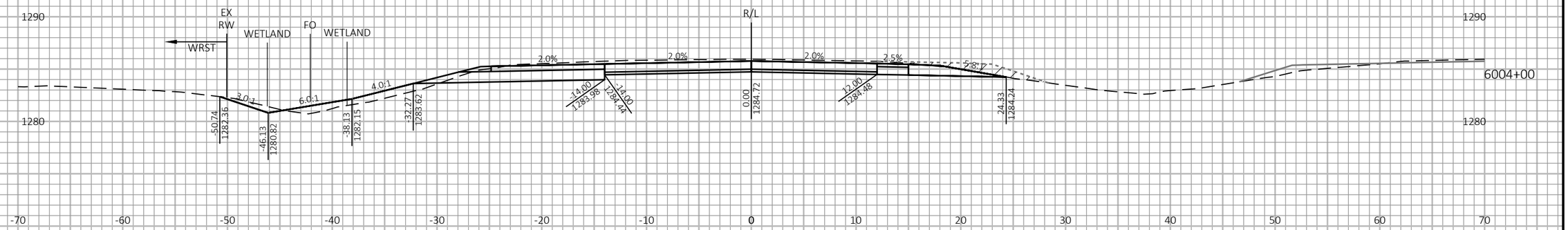
EXISTING GROUND

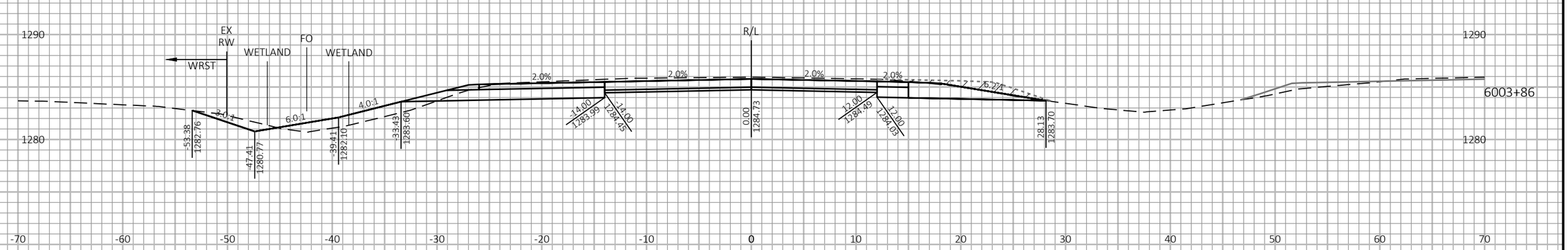
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

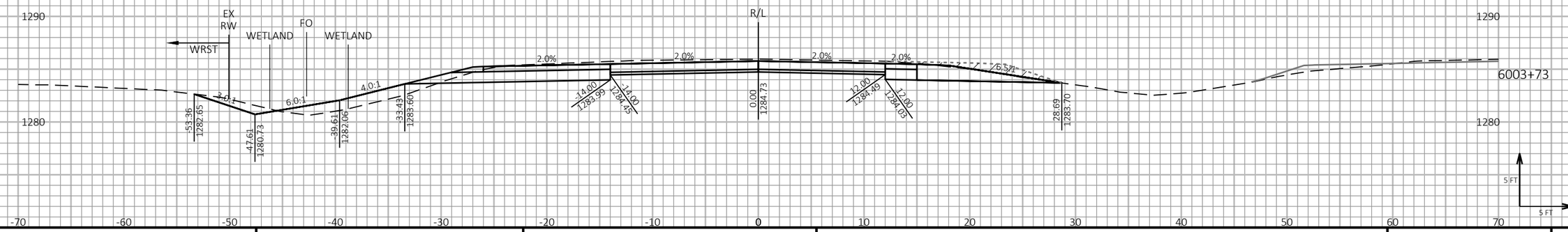
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 837	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 44

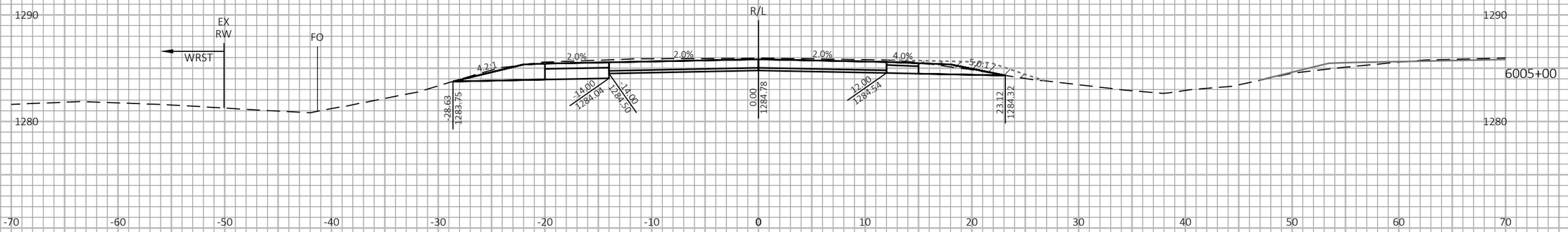
PLOT DATE : 10/7/2022 12:57 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

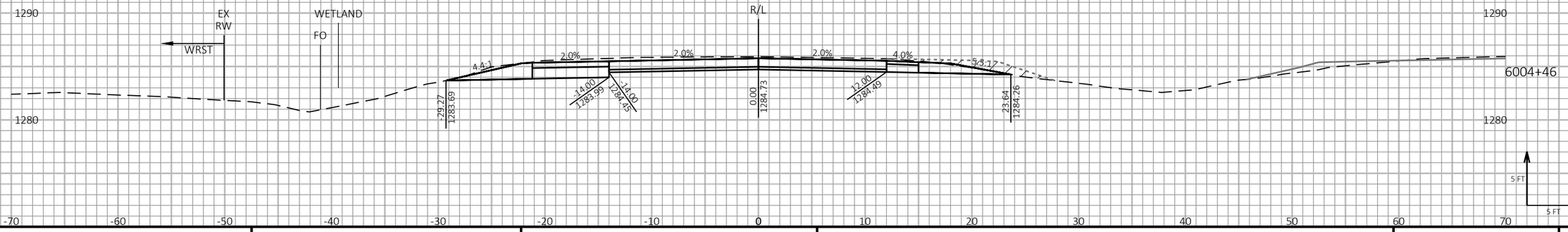
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 838	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 45

PLOT DATE : 10/7/2022 12:57 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

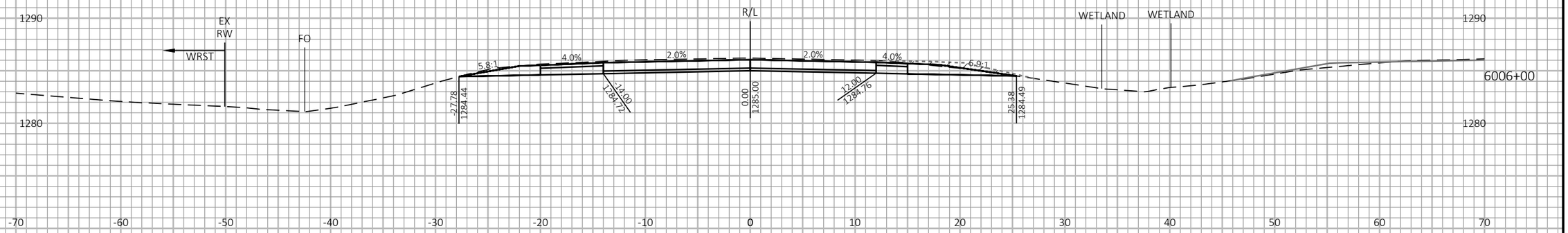
EXISTING GROUND

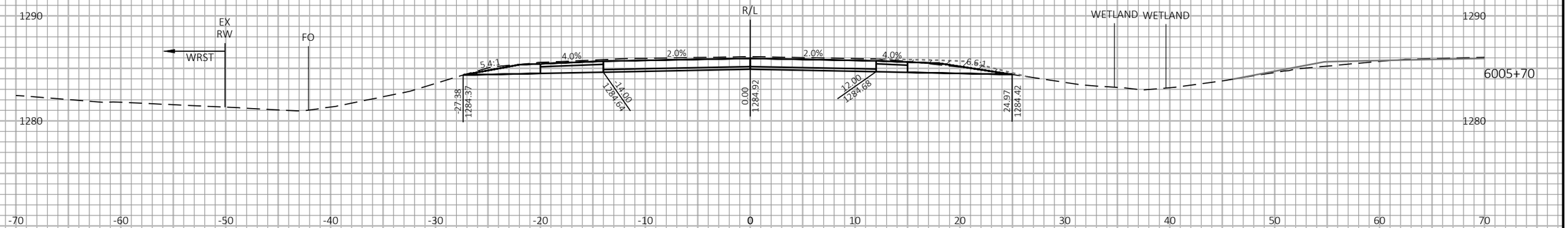
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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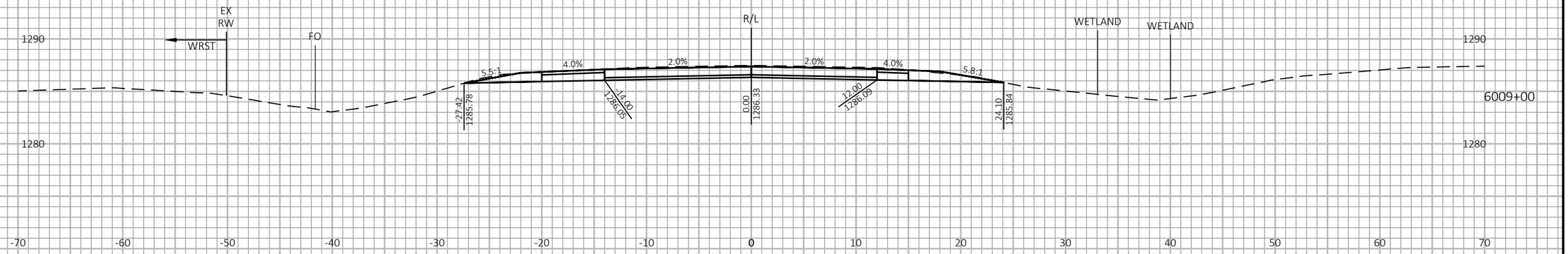
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 839	E

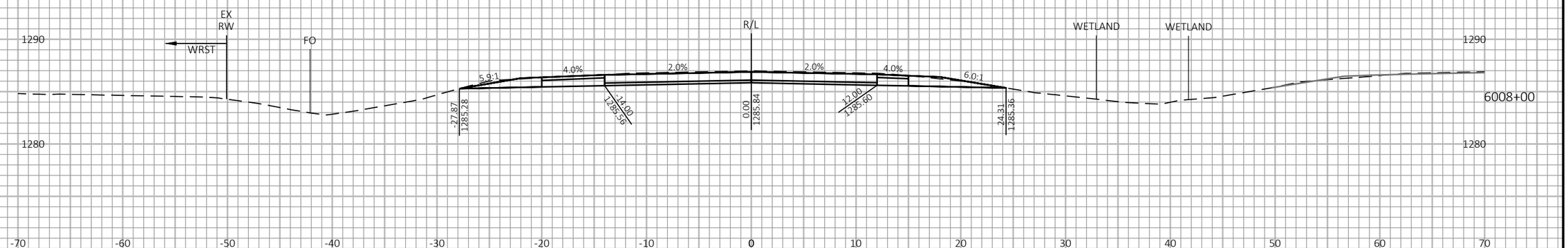
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 46

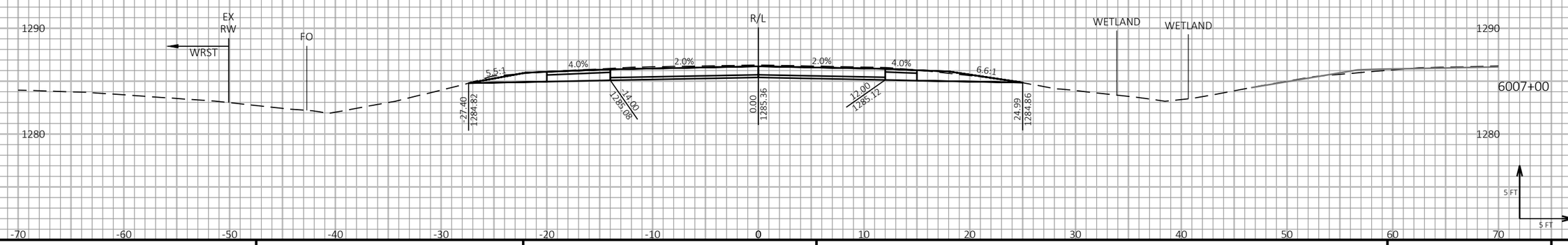
PLOT DATE : 10/7/2022 12:57 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

END USE OF BARRON COUNTY COORDINATES
BEGIN USE OF WASHBURN COUNTY COORDINATES







9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 840	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090227-XS-S4.DWG
LAYOUT NAME - 47

PLOT DATE : 10/7/2022 12:57 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

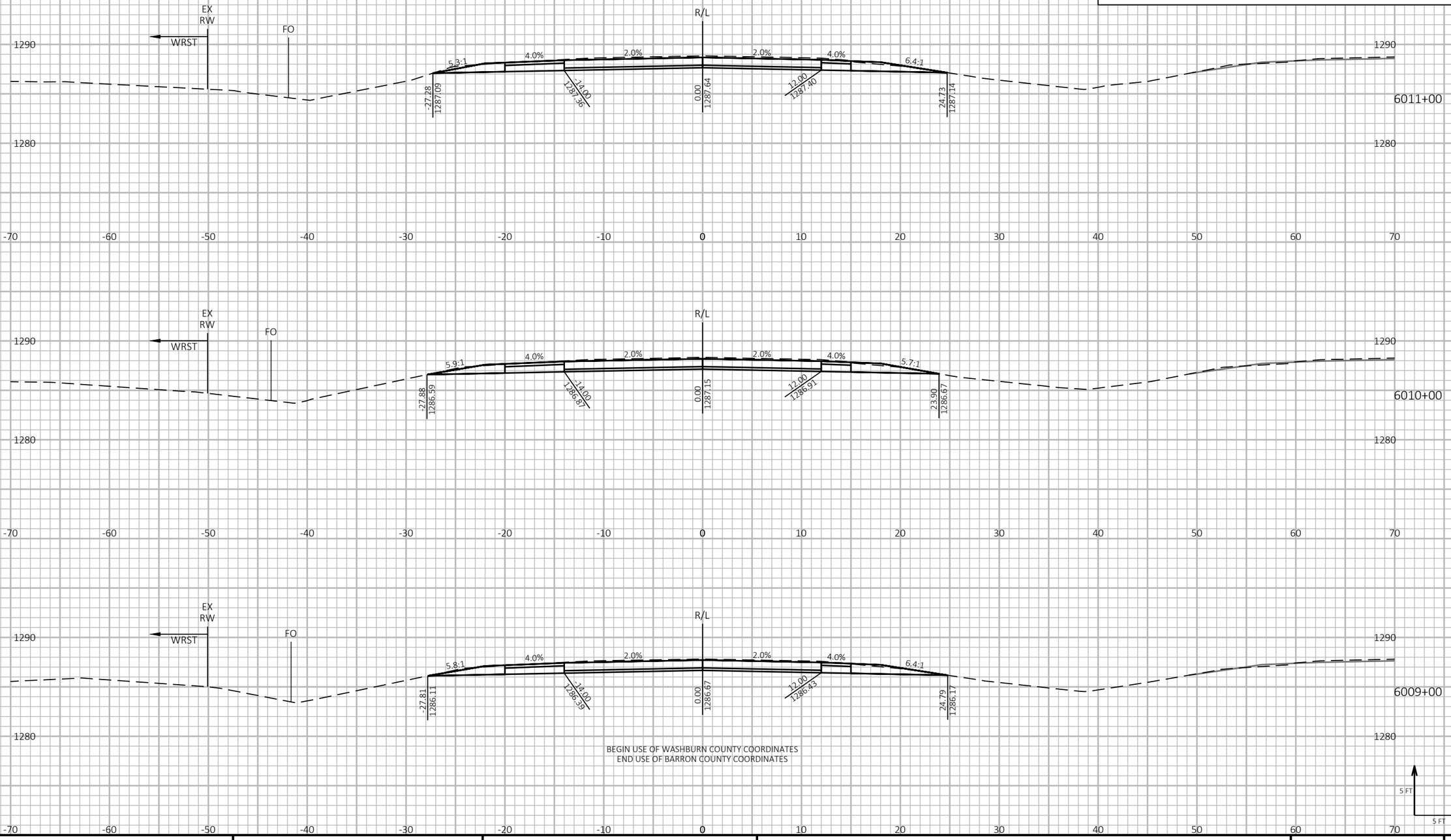
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



BEGIN USE OF WASHBURN COUNTY COORDINATES
END USE OF BARRON COUNTY COORDINATES

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 841	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 2/2/2022 9:02 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

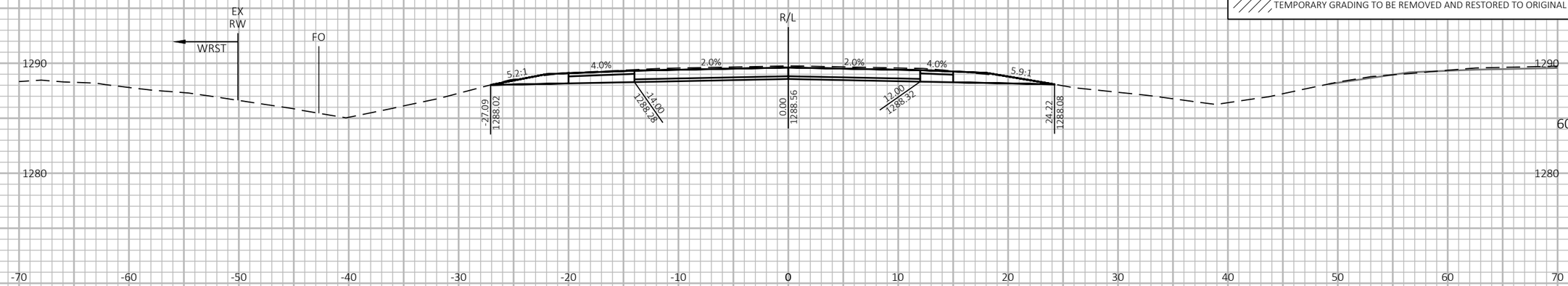
EXISTING GROUND

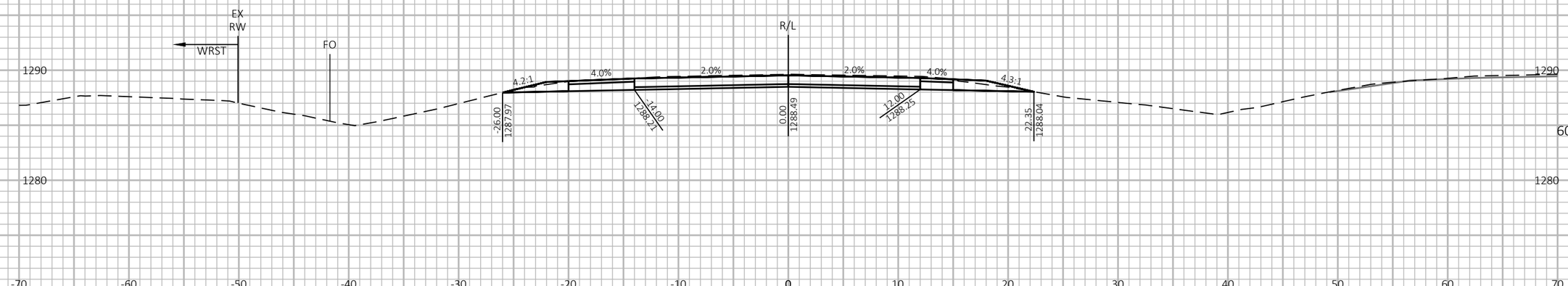
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

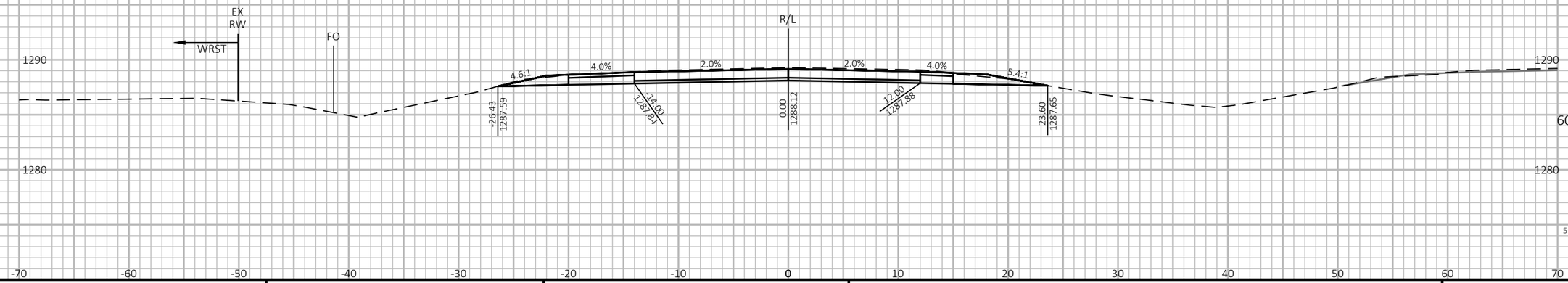
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 842	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 2/2/2022 9:02 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

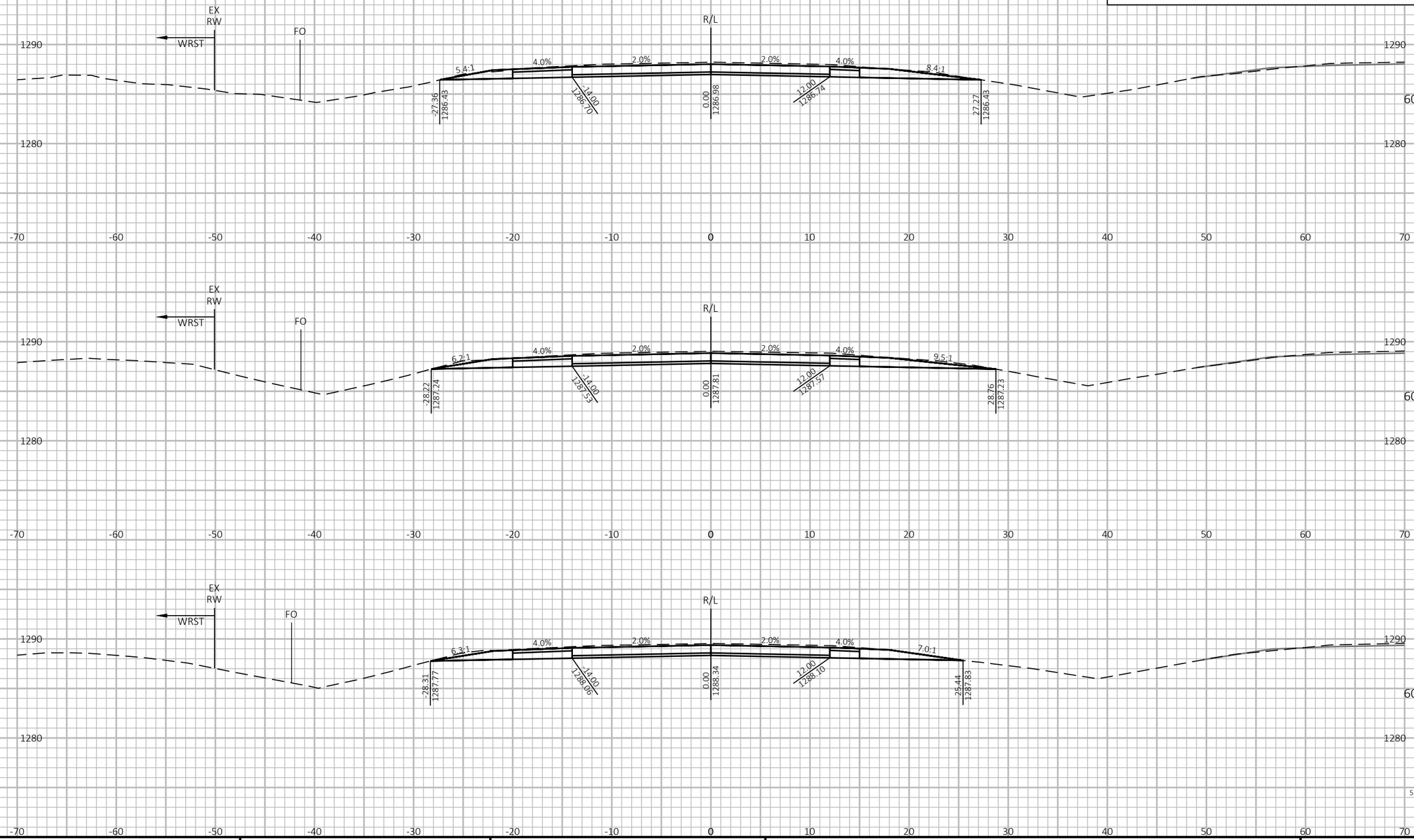
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 843	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 2/2/2022 9:03 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

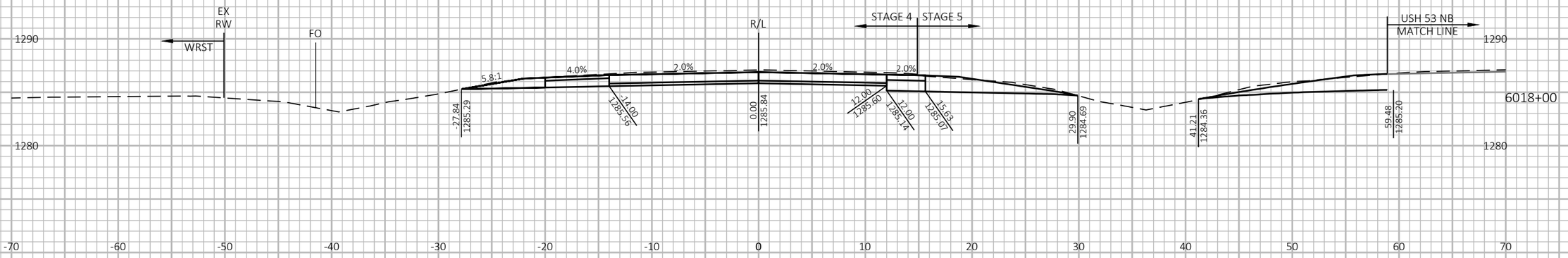
EXISTING GROUND

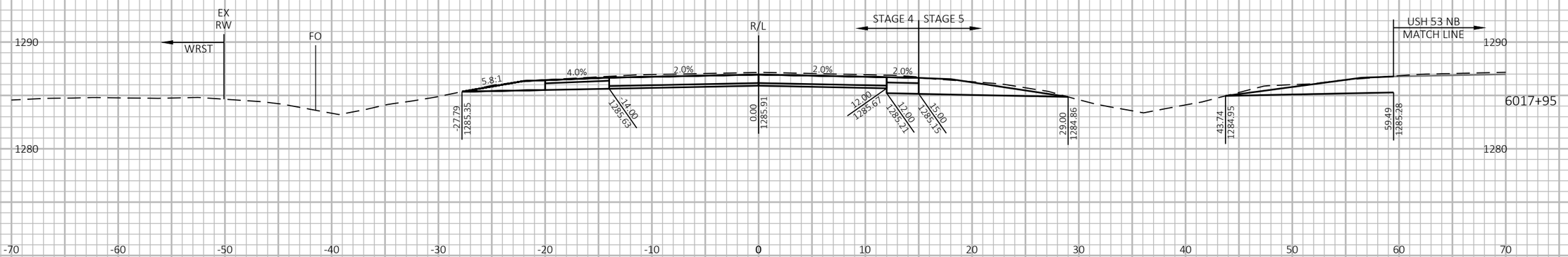
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 844	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 04

PLOT DATE : 2/2/2022 9:03 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

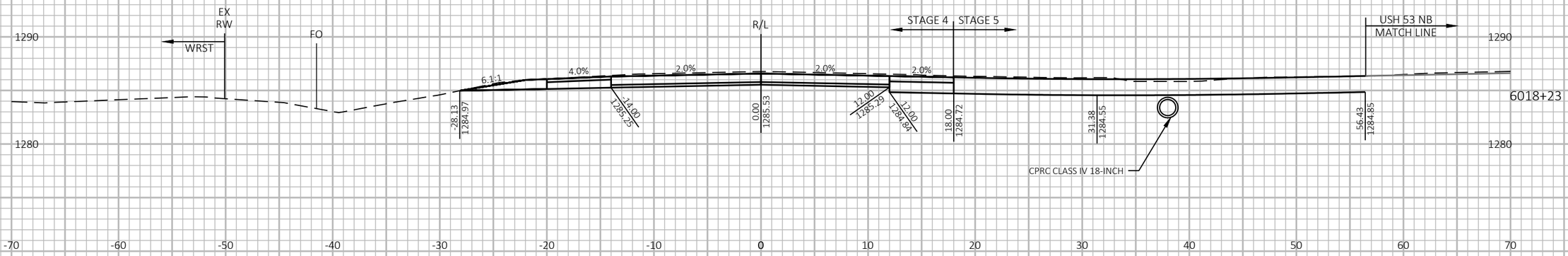
EXISTING GROUND

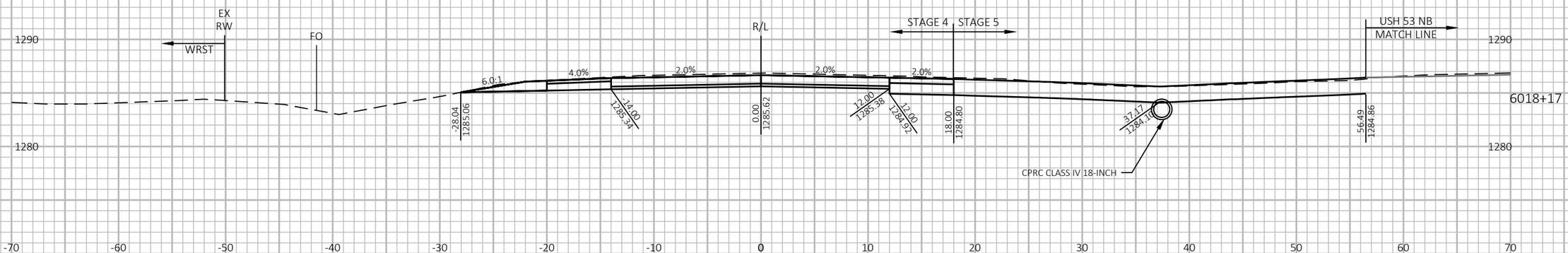
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

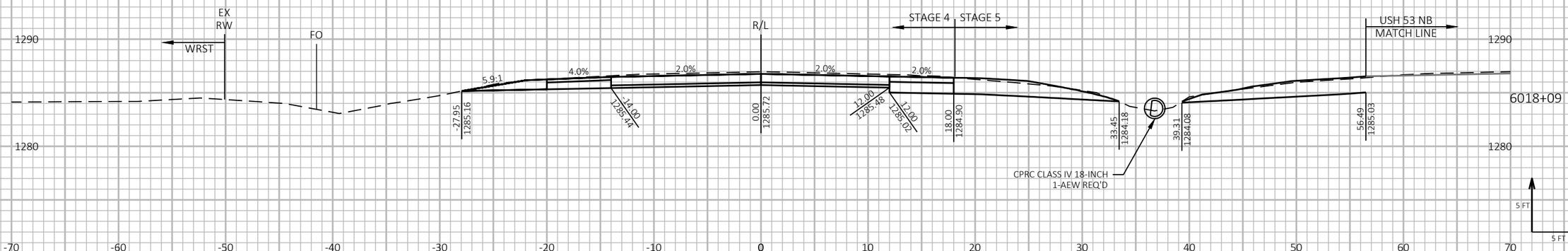
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 845	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 05

PLOT DATE : 2/2/2022 9:03 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

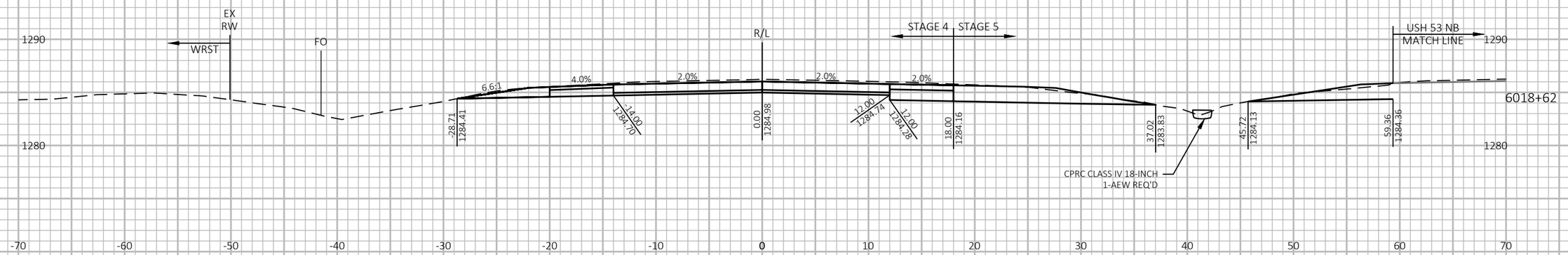
EXISTING GROUND

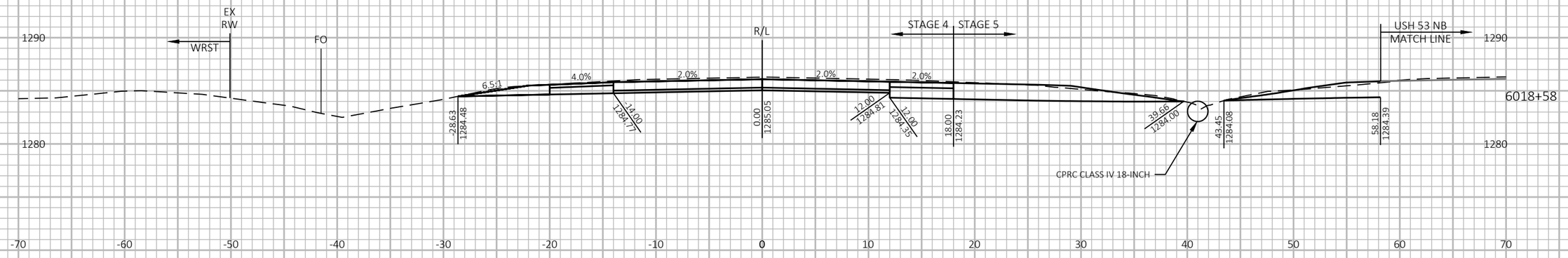
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

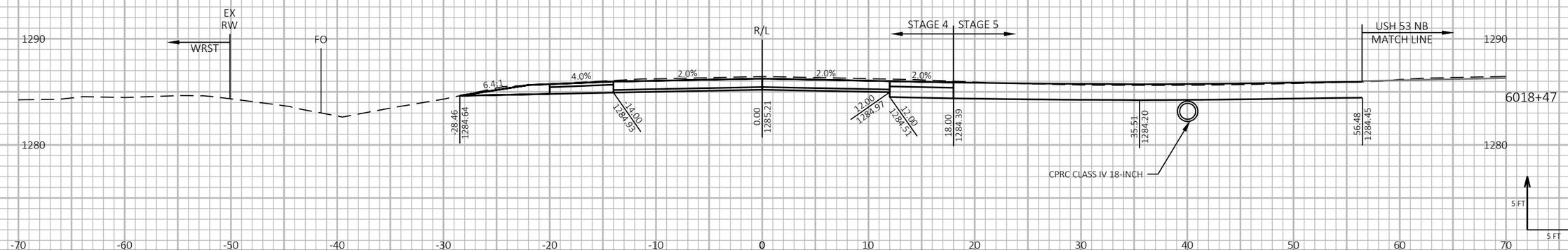
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 846	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 06

PLOT DATE : 2/2/2022 9:04 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

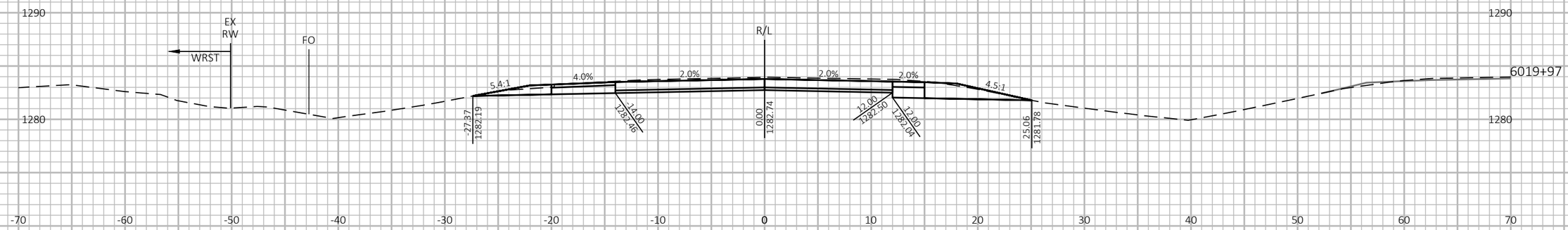
EXISTING GROUND

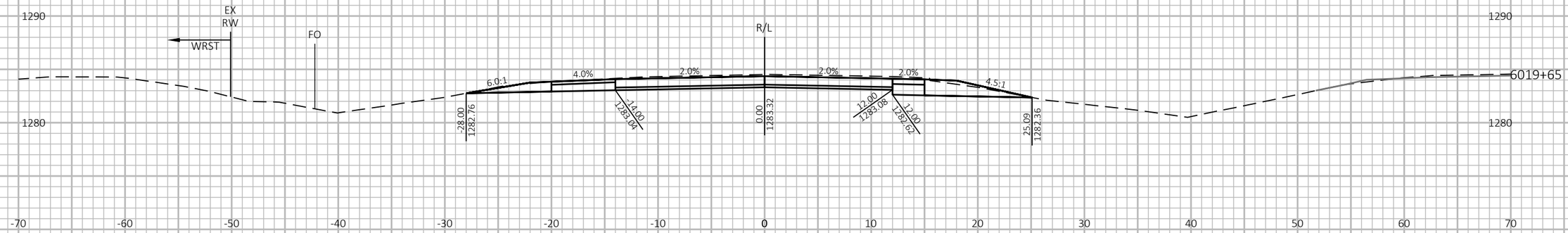
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

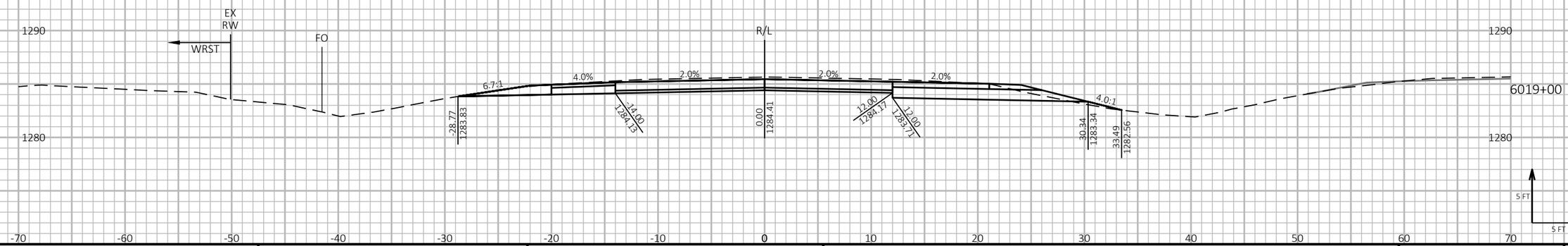
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 847	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 07

PLOT DATE : 2/2/2022 9:04 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

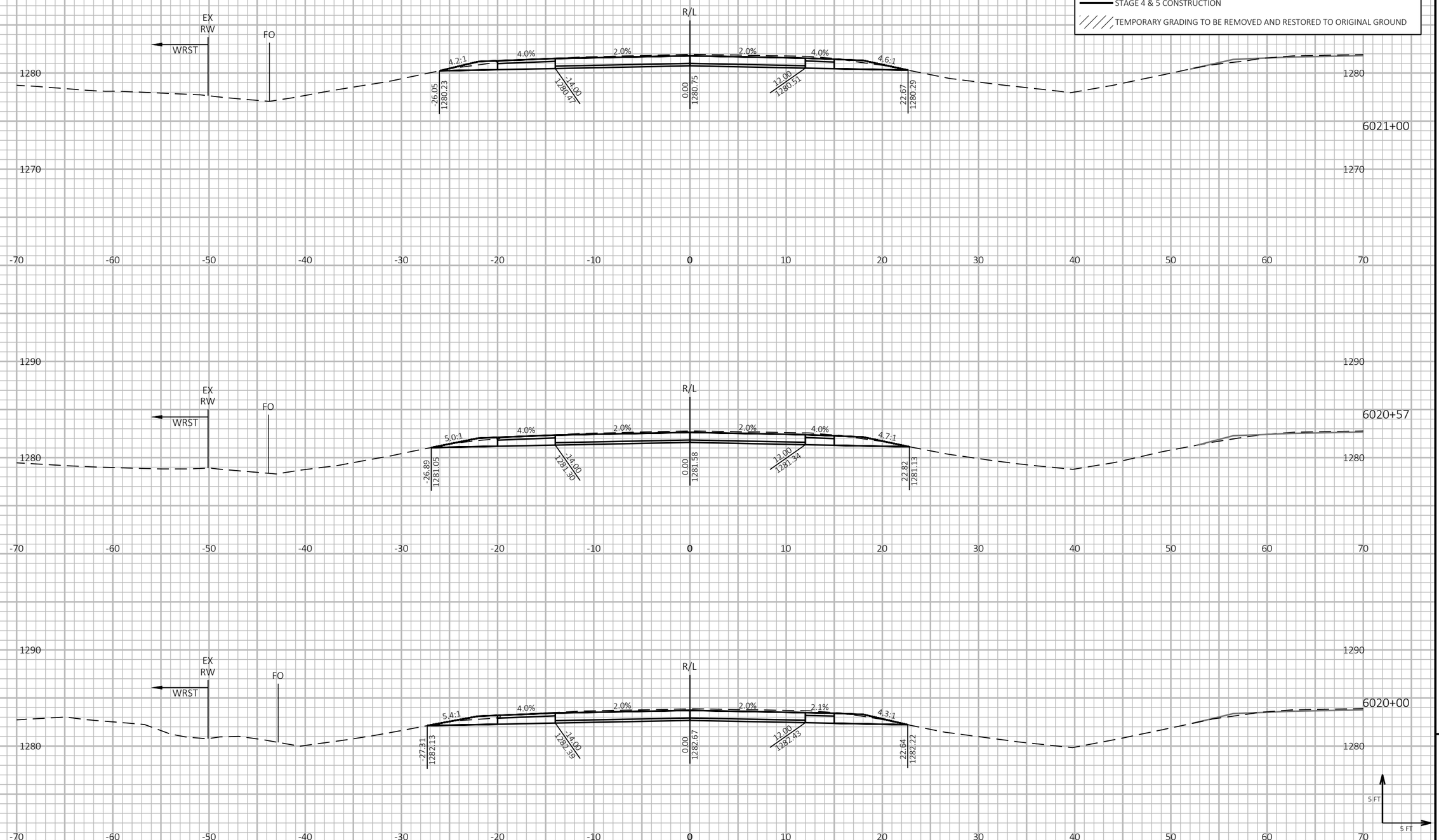
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 848	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 08

PLOT DATE : 2/2/2022 9:04 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

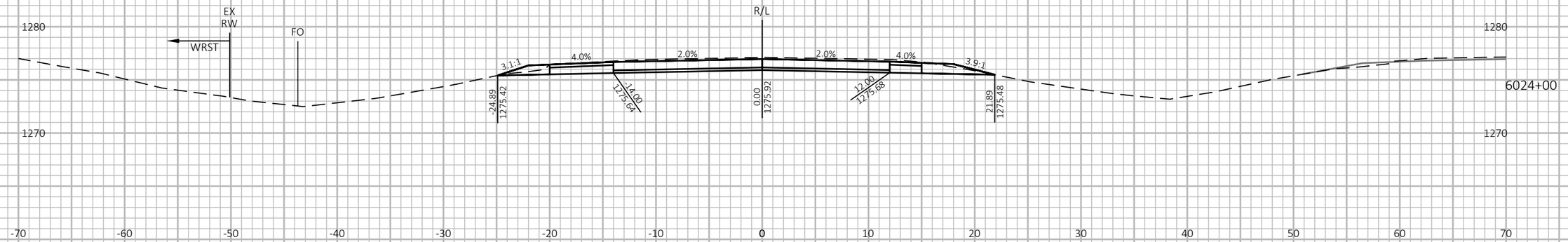
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

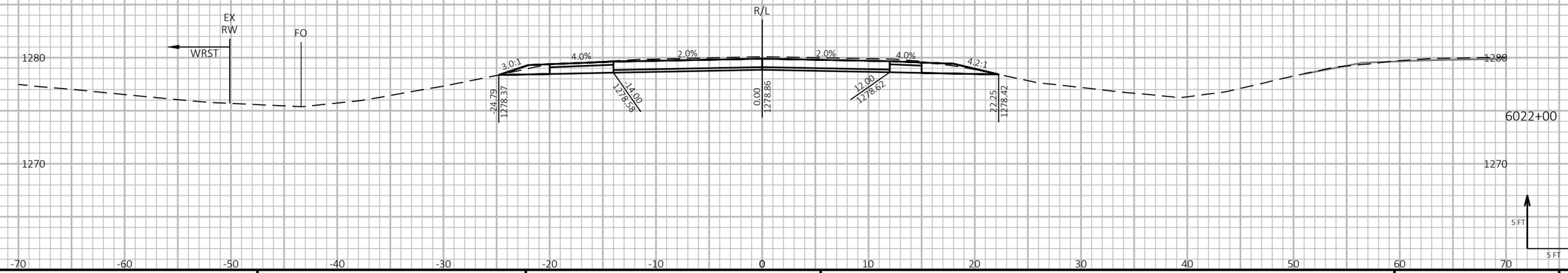
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 849	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 09

PLOT DATE : 2/2/2022 9:05 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

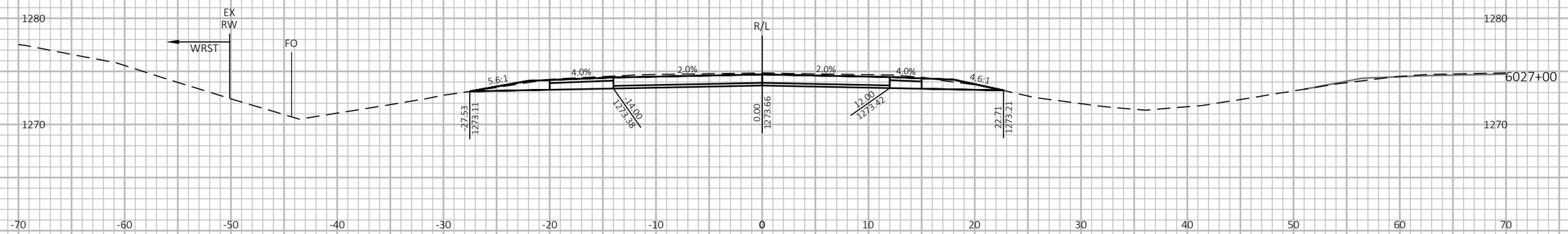
EXISTING GROUND

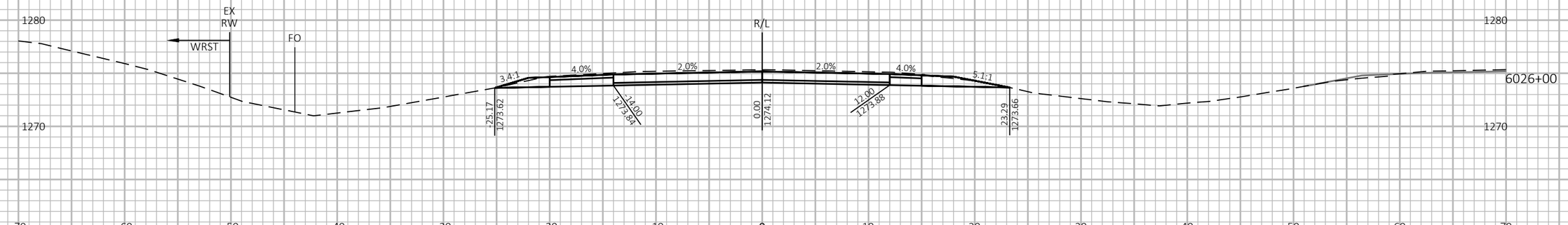
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

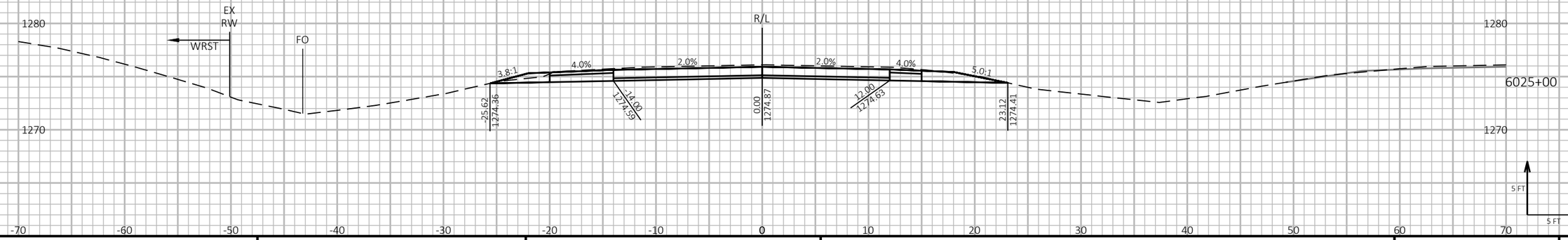
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 850	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 10

PLOT DATE : 2/2/2022 9:05 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

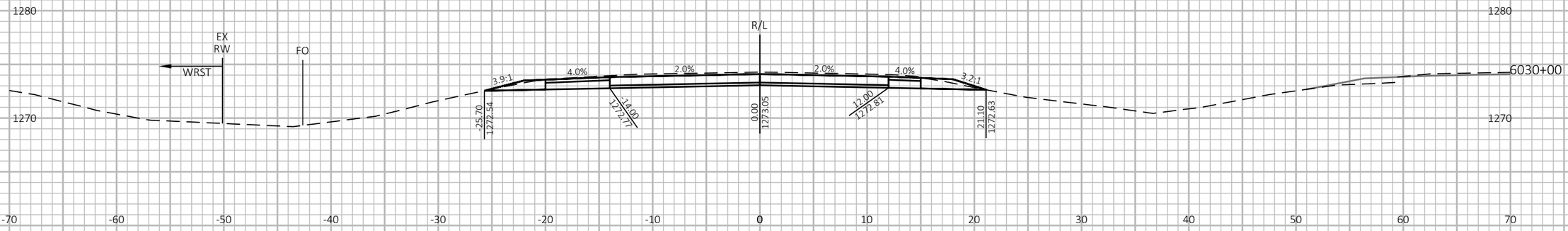
EXISTING GROUND

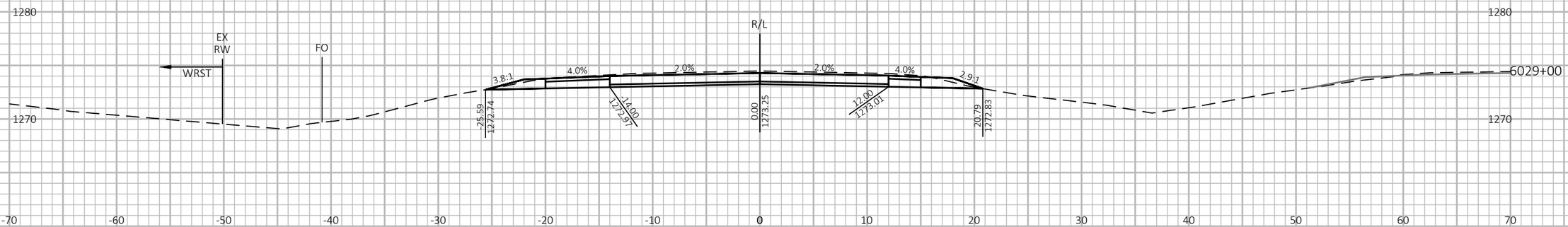
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 851	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 11

PLOT DATE : 2/2/2022 9:05 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

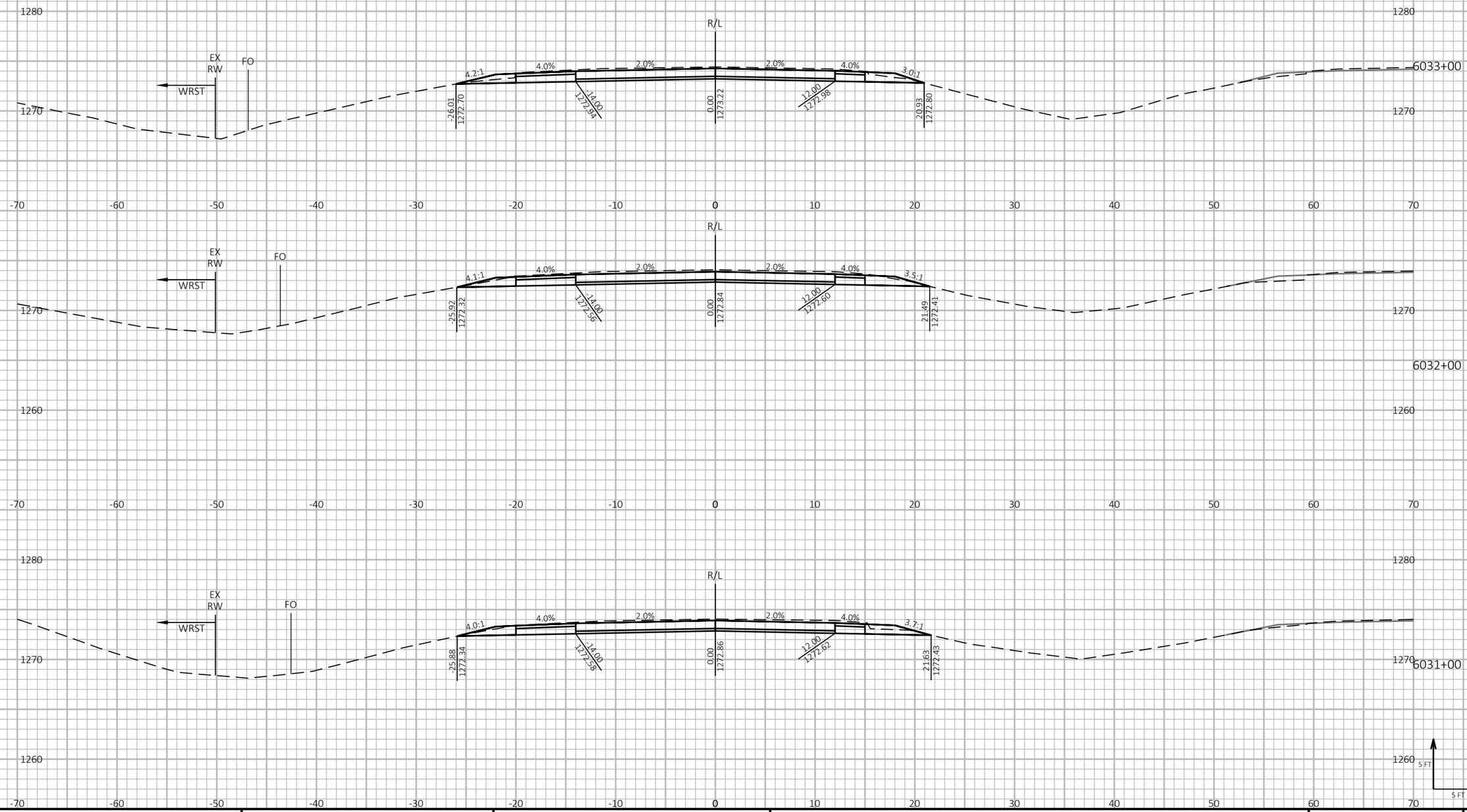
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 852	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 12

PLOT DATE : 2/2/2022 9:06 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

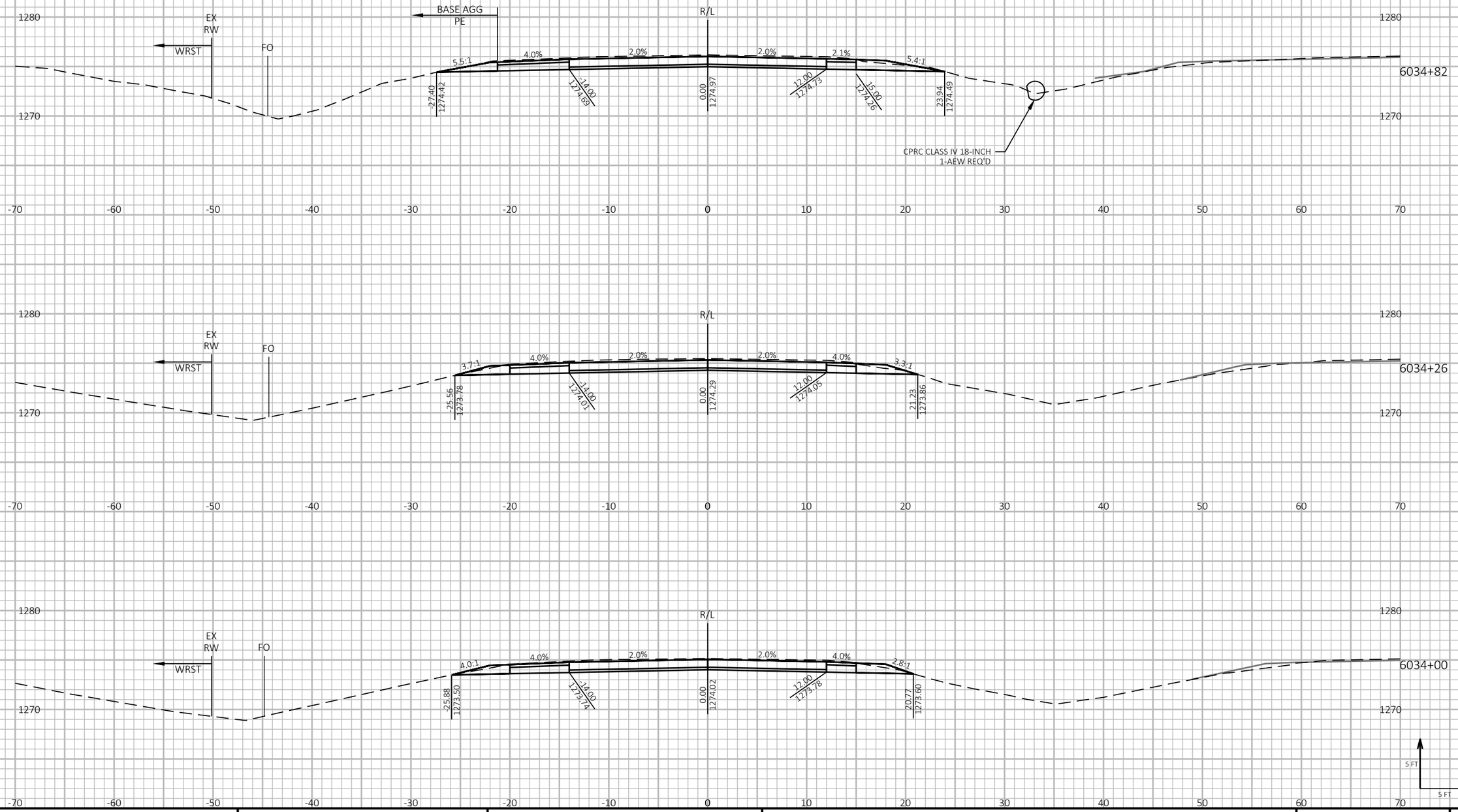
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 853	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 13

PLOT DATE : 2/2/2022 9:06 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

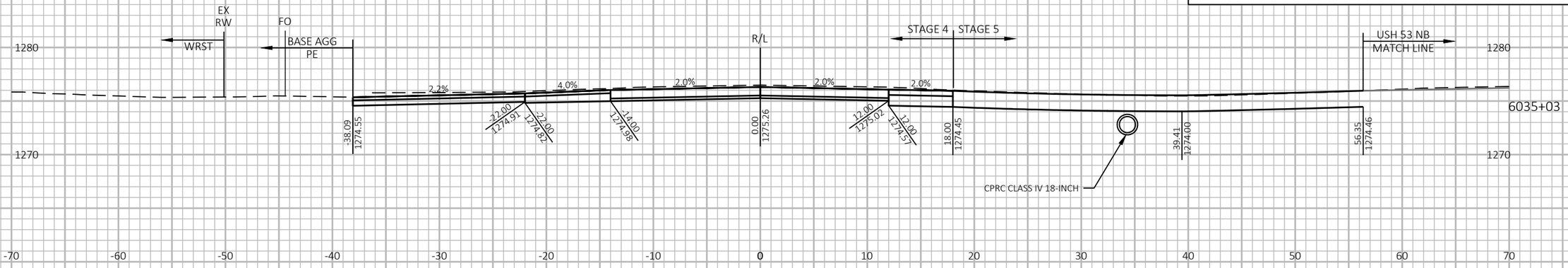
EXISTING GROUND

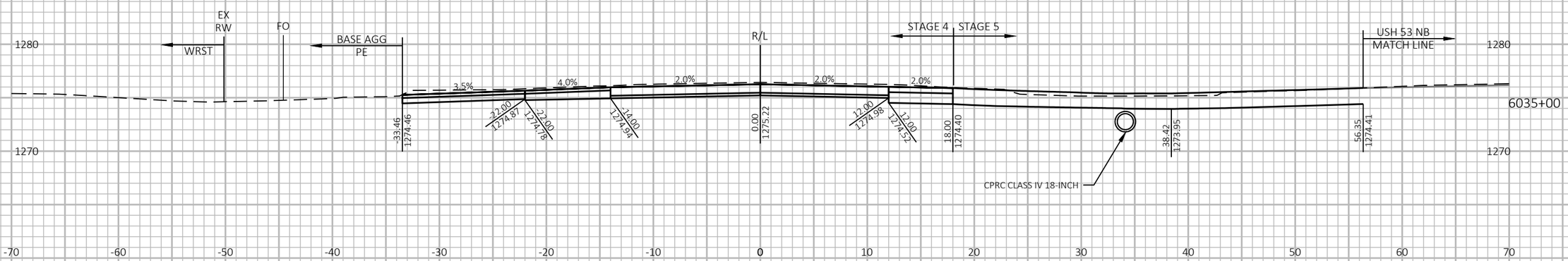
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

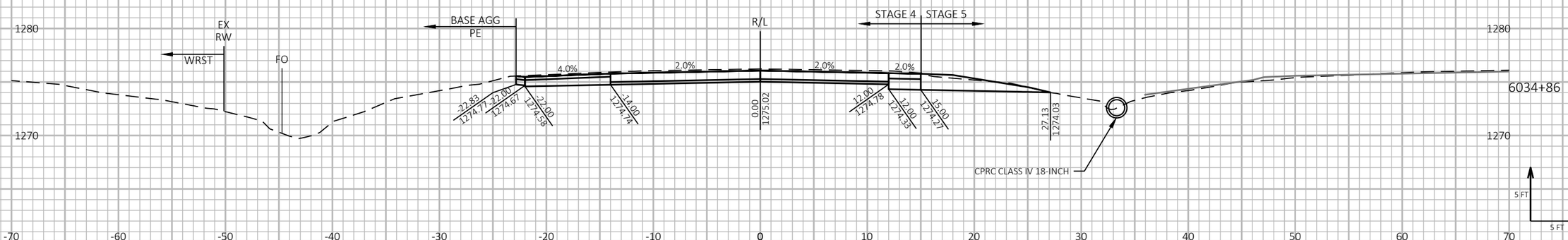
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 854	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 14

PLOT DATE : 2/2/2022 9:06 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

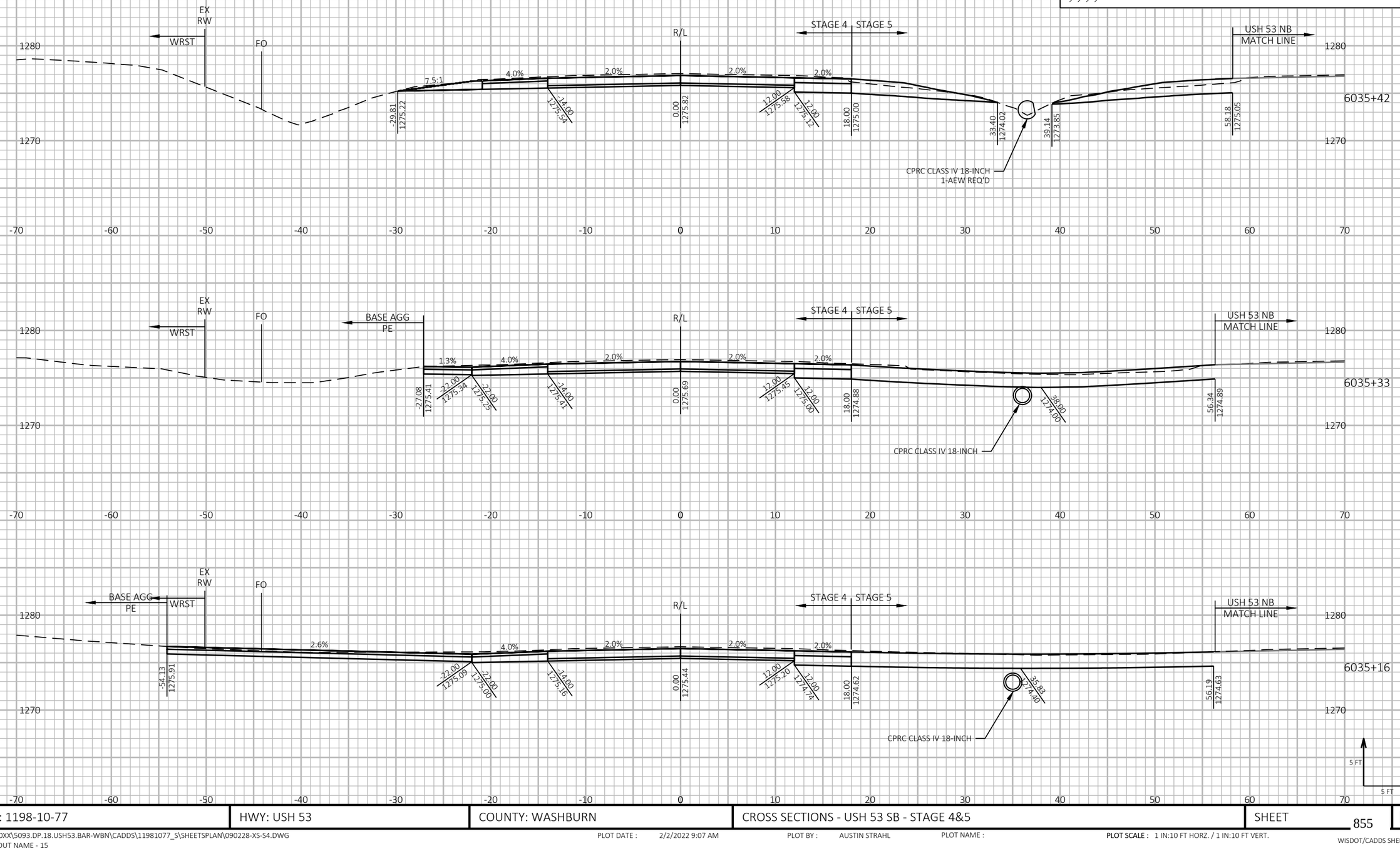
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 855	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 15

PLOT DATE : 2/2/2022 9:07 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

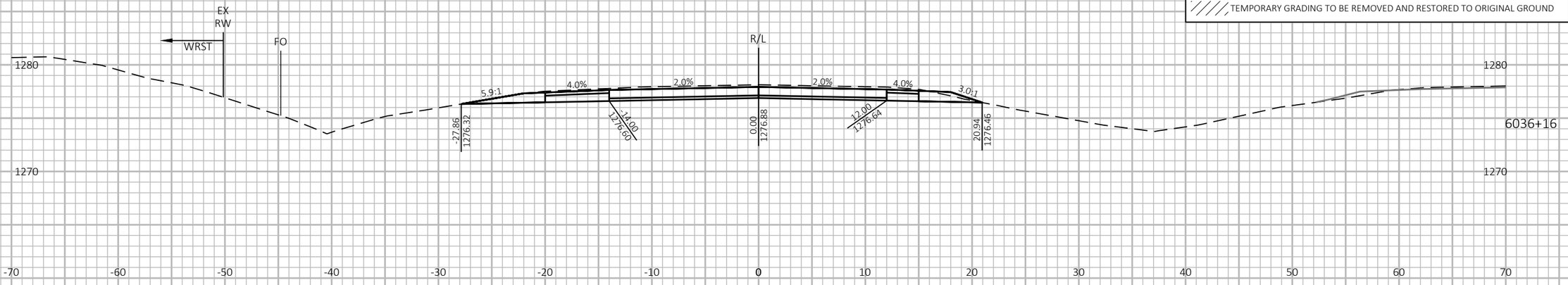
EXISTING GROUND

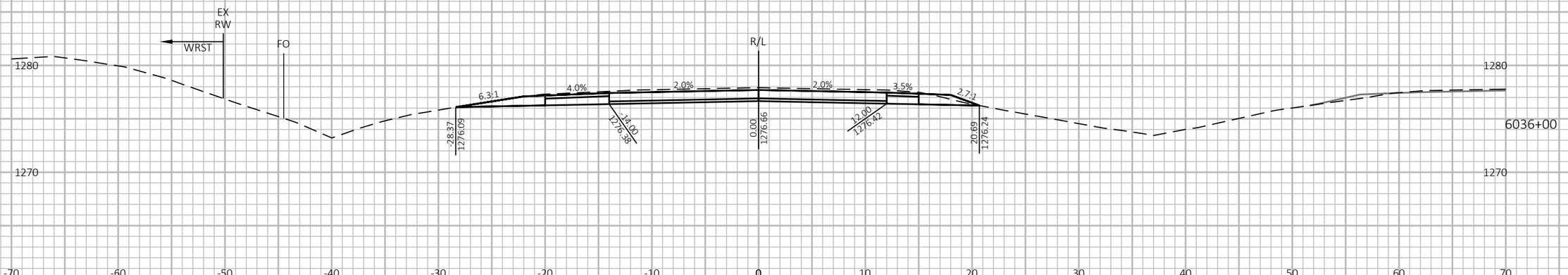
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

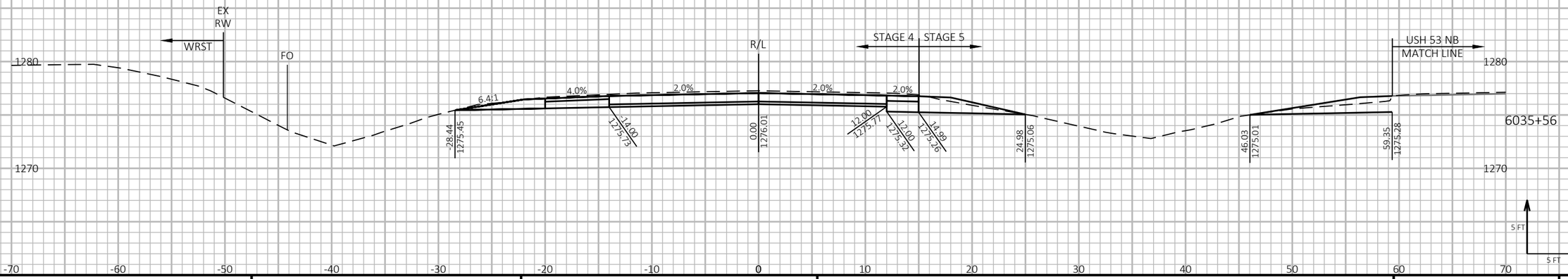
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 856	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 16

PLOT DATE : 2/2/2022 9:07 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

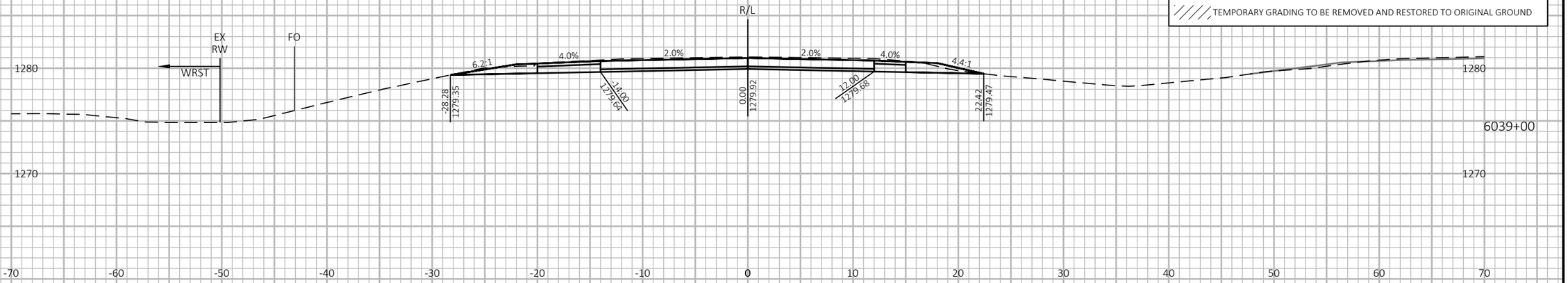
EXISTING GROUND

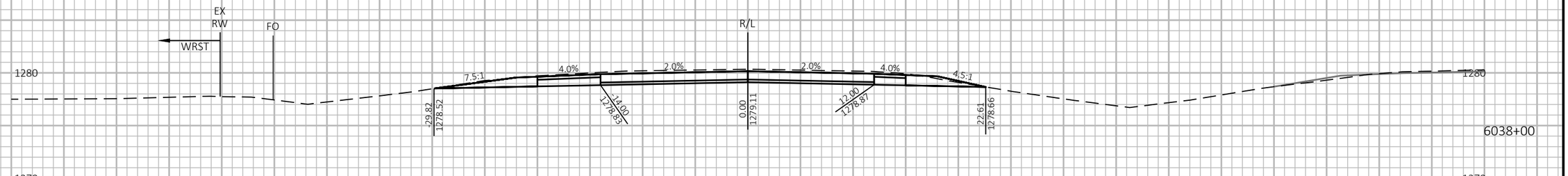
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

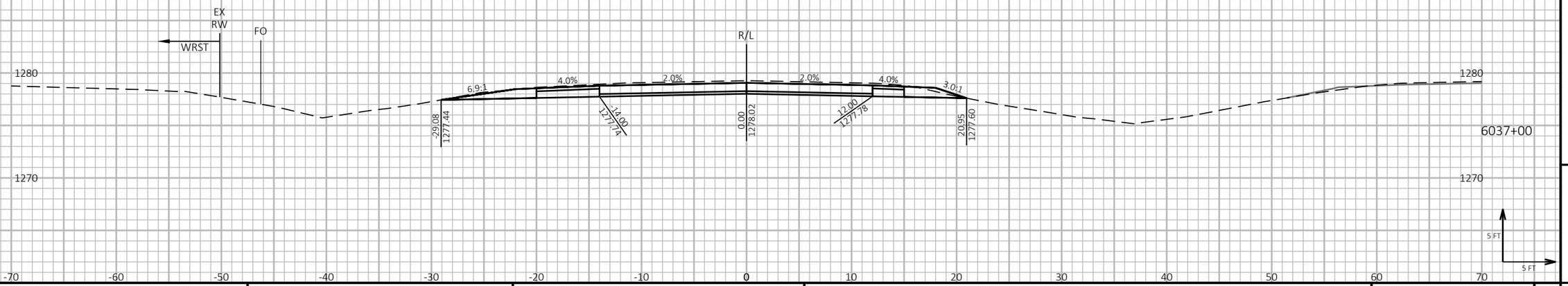
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 857	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 17

PLOT DATE : 2/2/2022 9:07 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

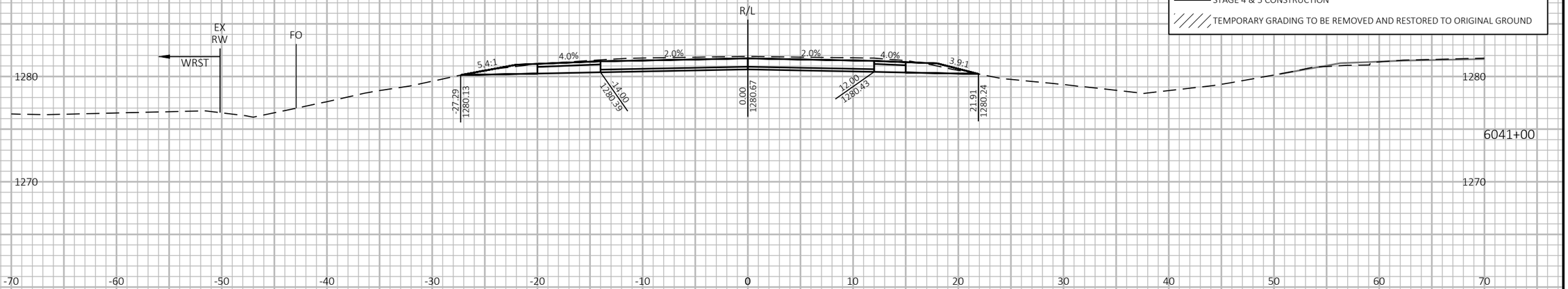
EXISTING GROUND

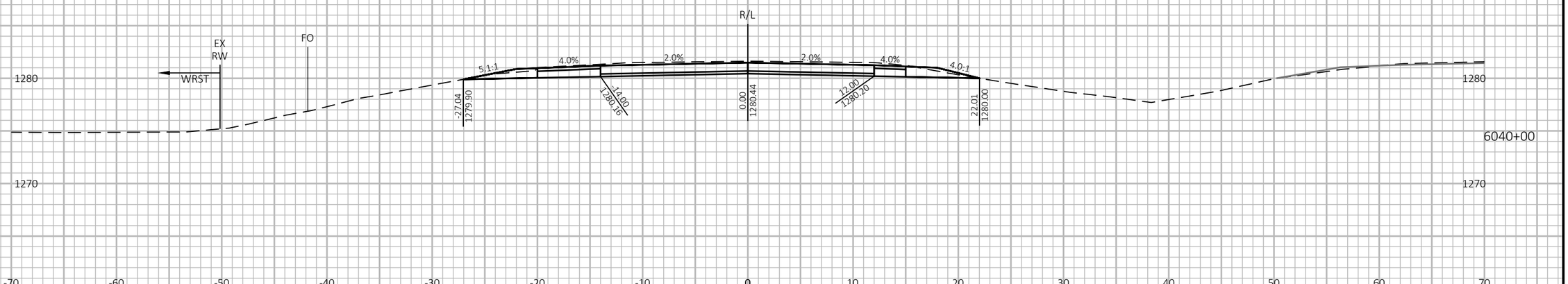
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

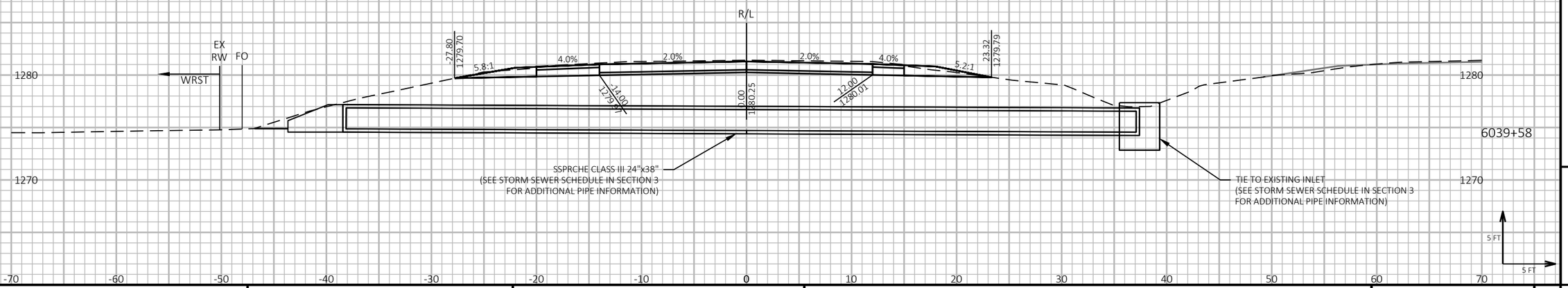
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 858	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 18

PLOT DATE : 2/2/2022 9:07 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

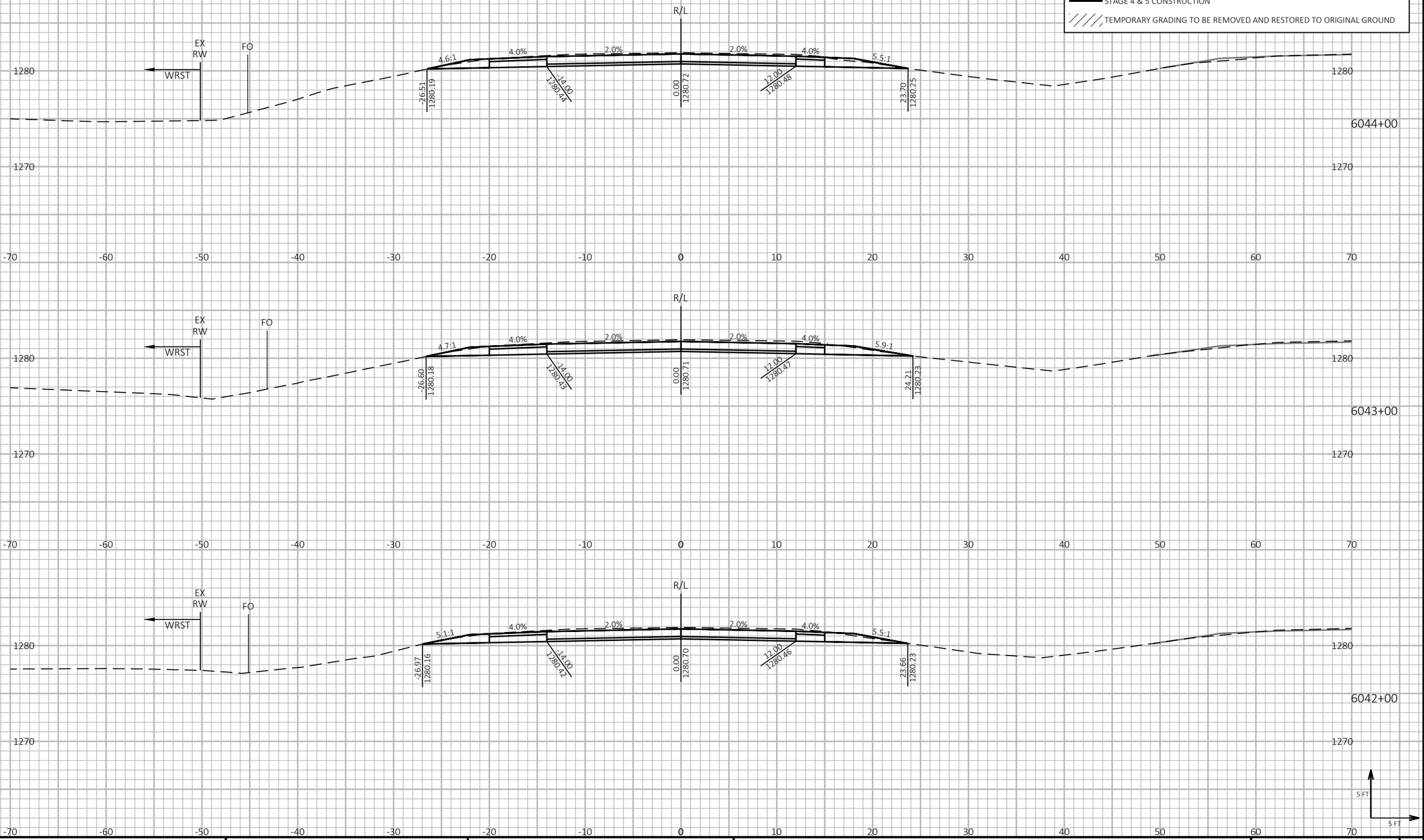
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 859	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 19

PLOT DATE : 2/2/2022 9:08 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

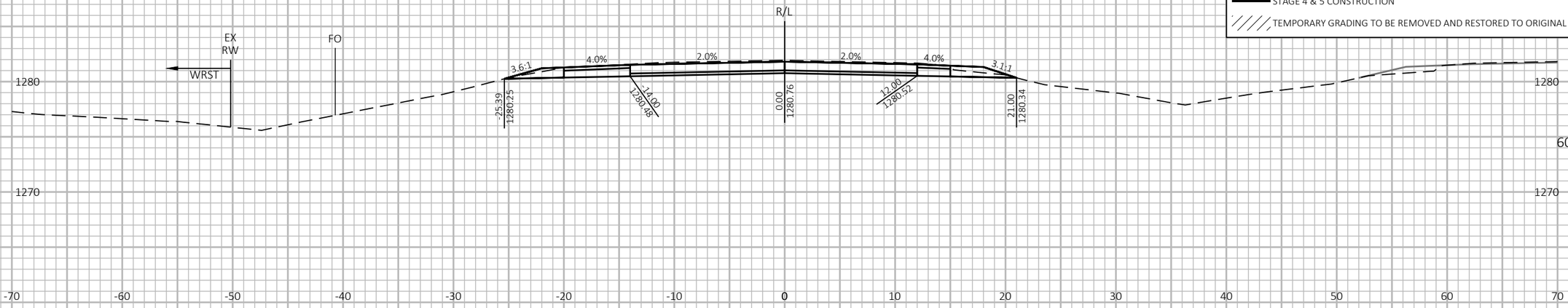
EXISTING GROUND

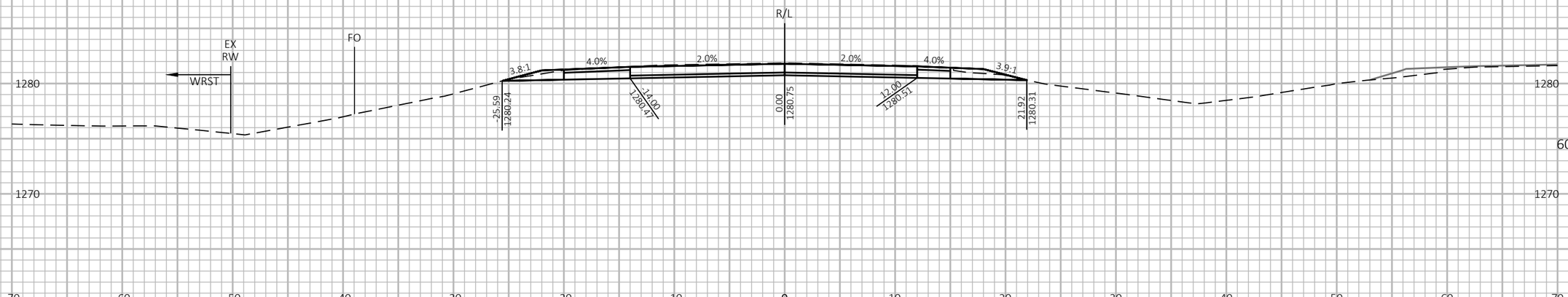
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

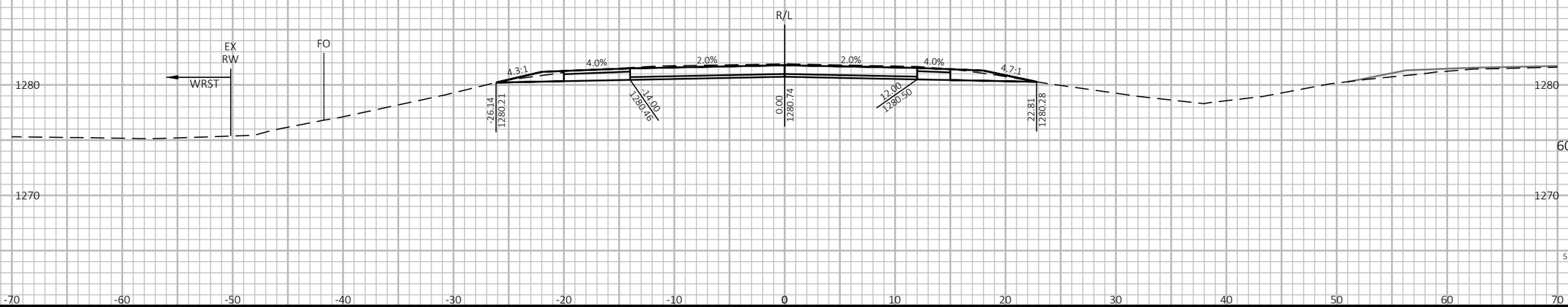
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 860	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 20

PLOT DATE : 2/2/2022 9:08 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

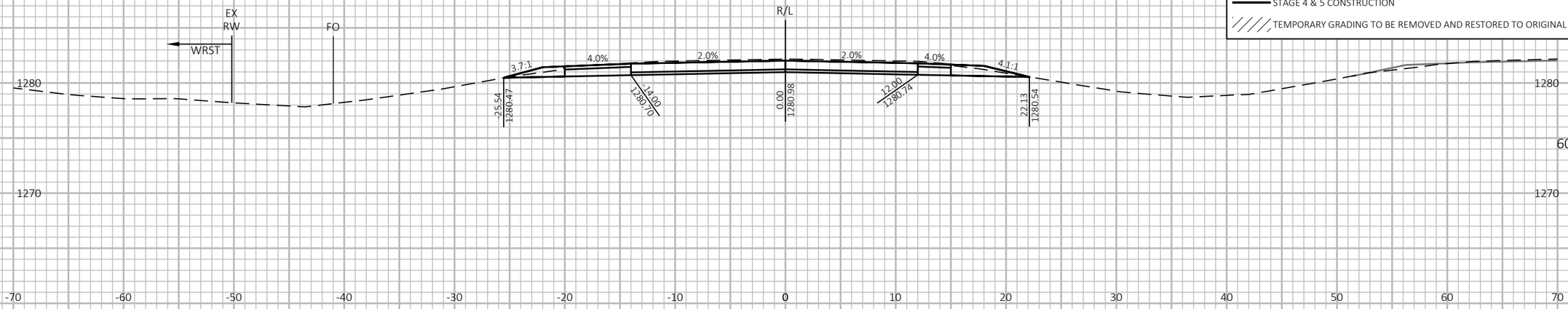
EXISTING GROUND

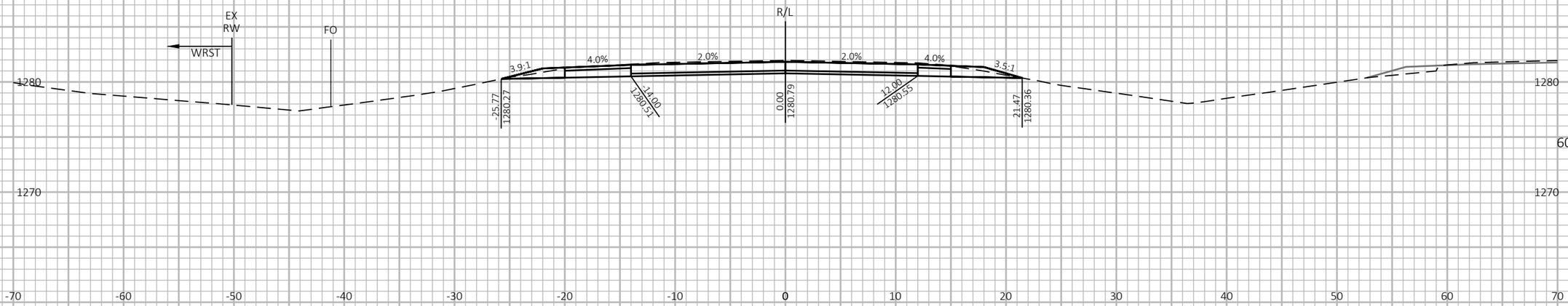
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

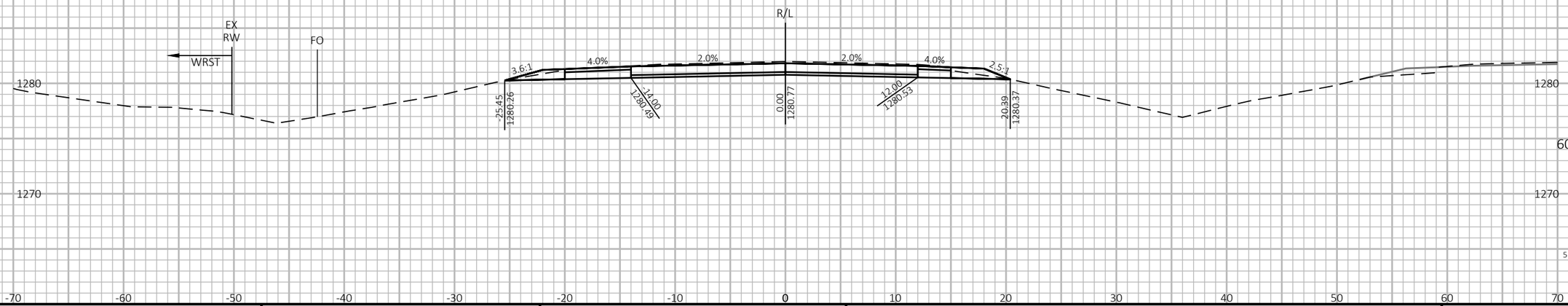
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 861	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 21

PLOT DATE : 2/2/2022 9:08 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

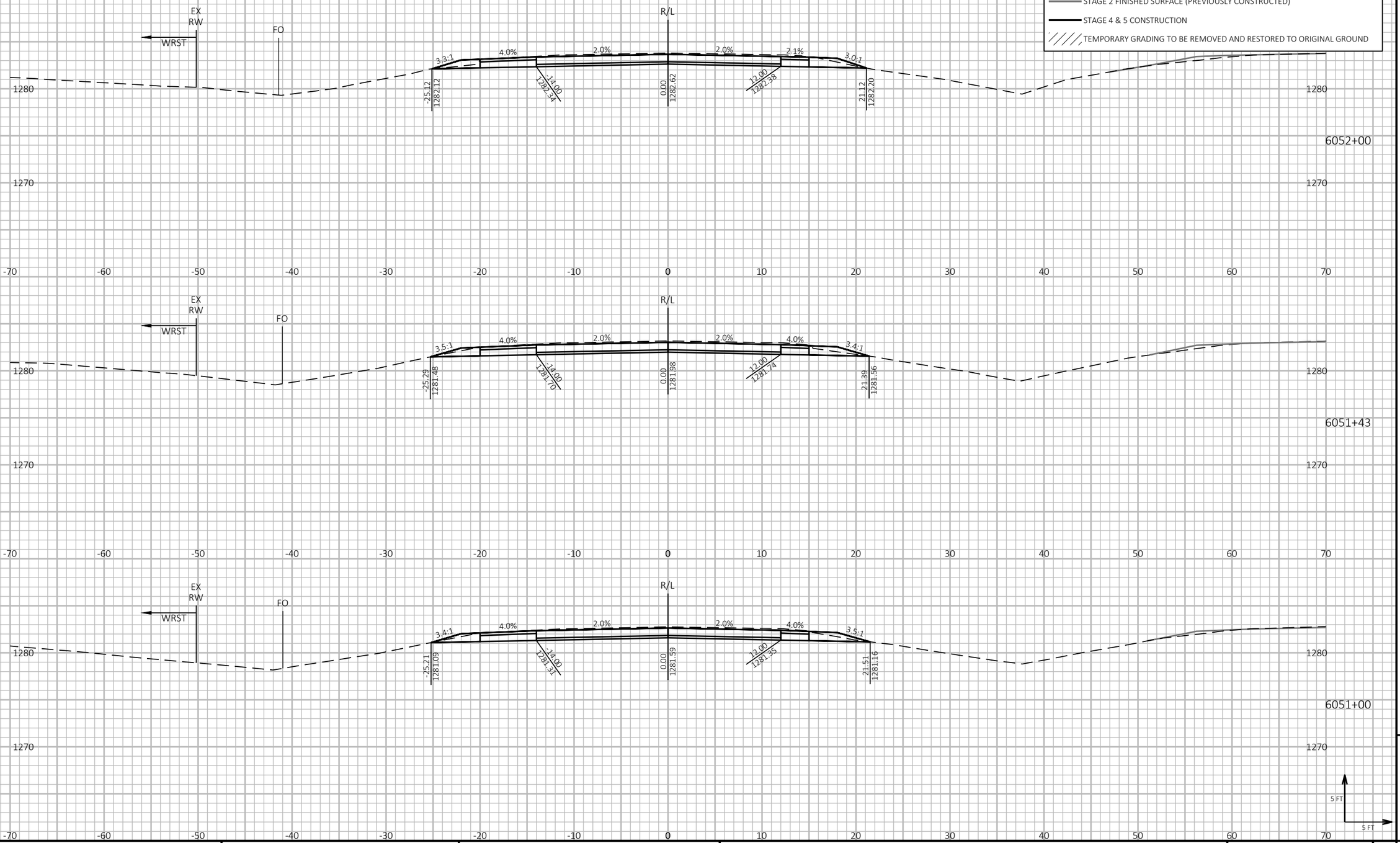
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 862	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 22

PLOT DATE : 2/2/2022 9:09 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

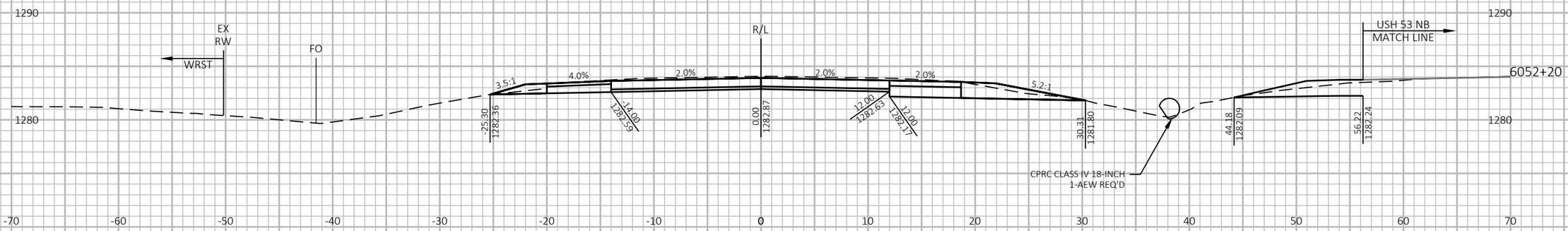
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

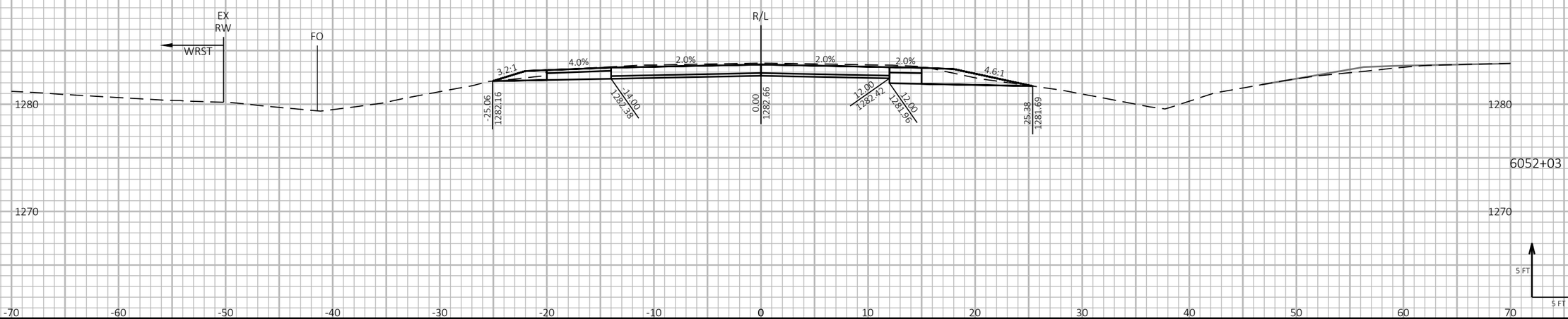
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 863	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 23

PLOT DATE : 2/2/2022 9:09 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

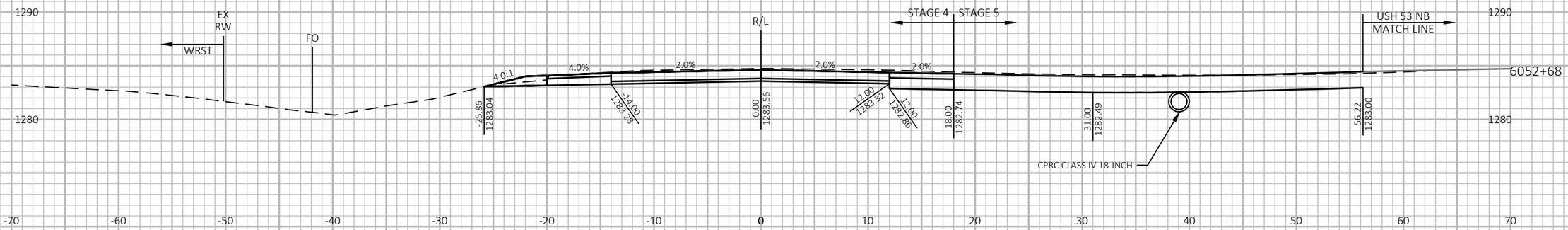
EXISTING GROUND

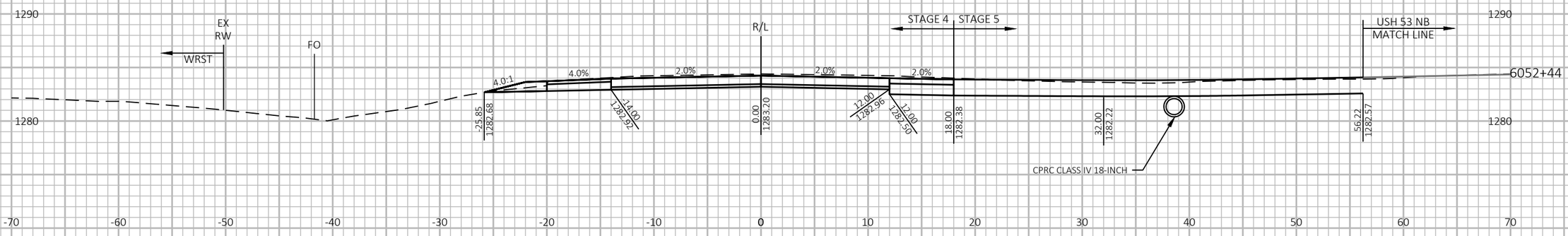
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

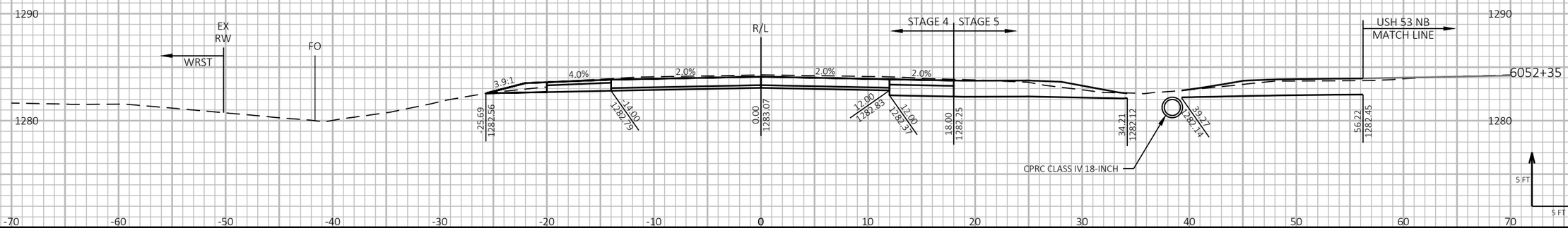
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 864	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 24

PLOT DATE : 2/2/2022 9:09 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

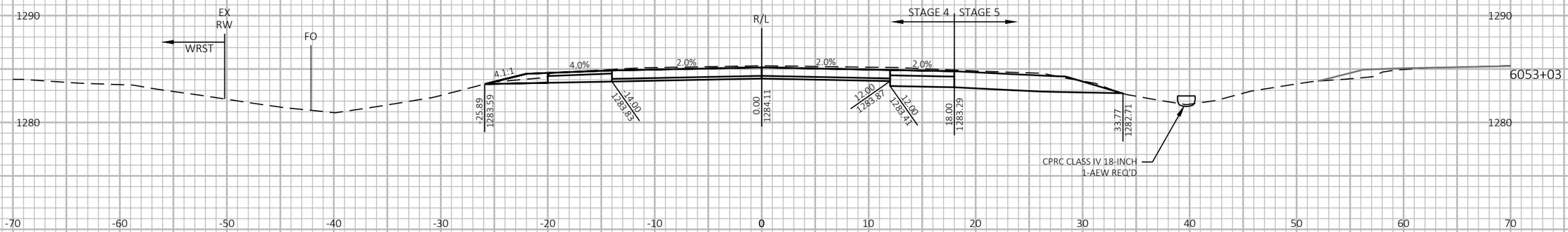
EXISTING GROUND

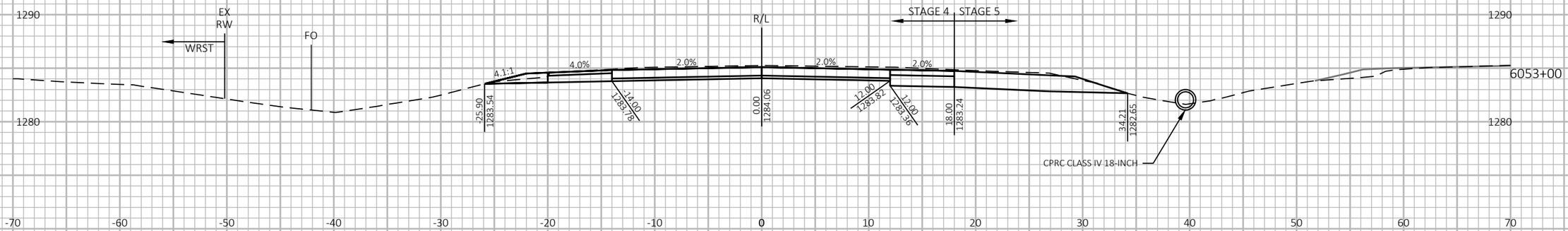
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

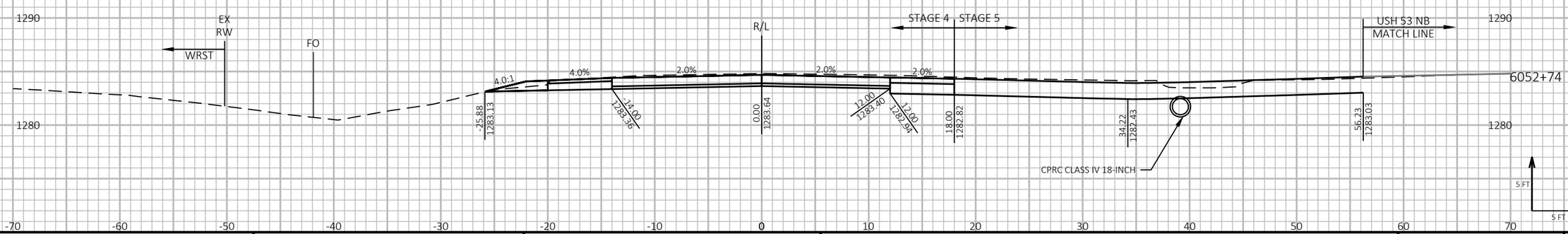
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 865	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 25

PLOT DATE : 2/2/2022 9:10 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

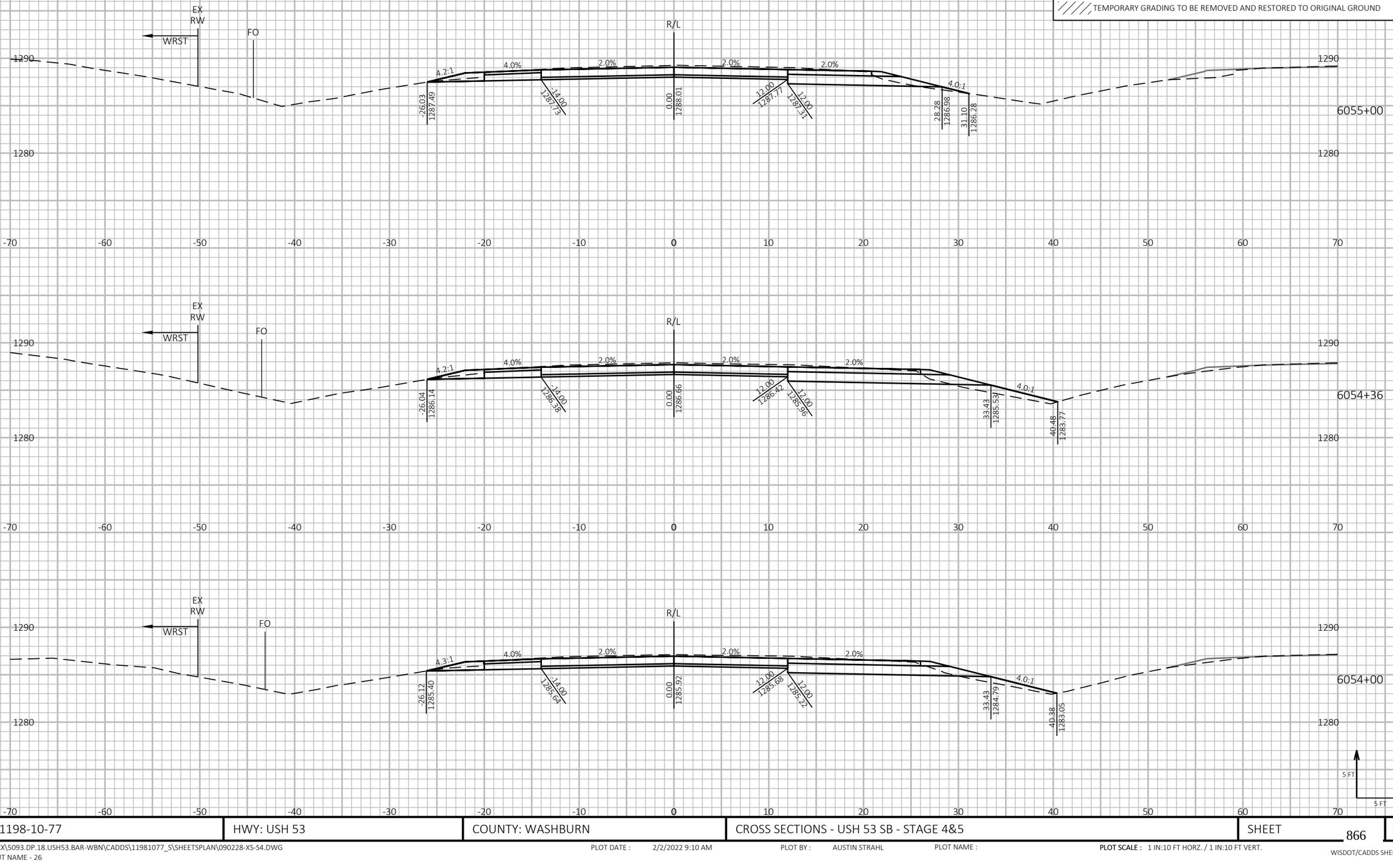
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 866	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 26

PLOT DATE : 2/2/2022 9:10 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

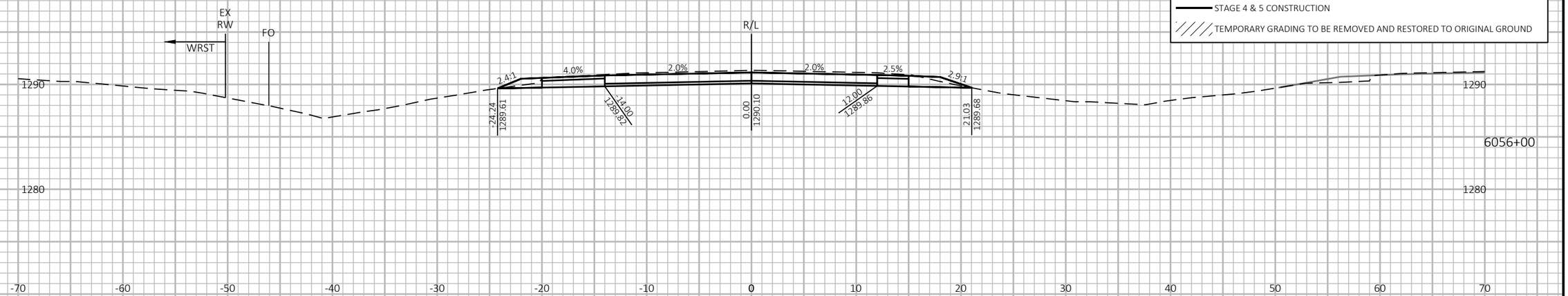
EXISTING GROUND

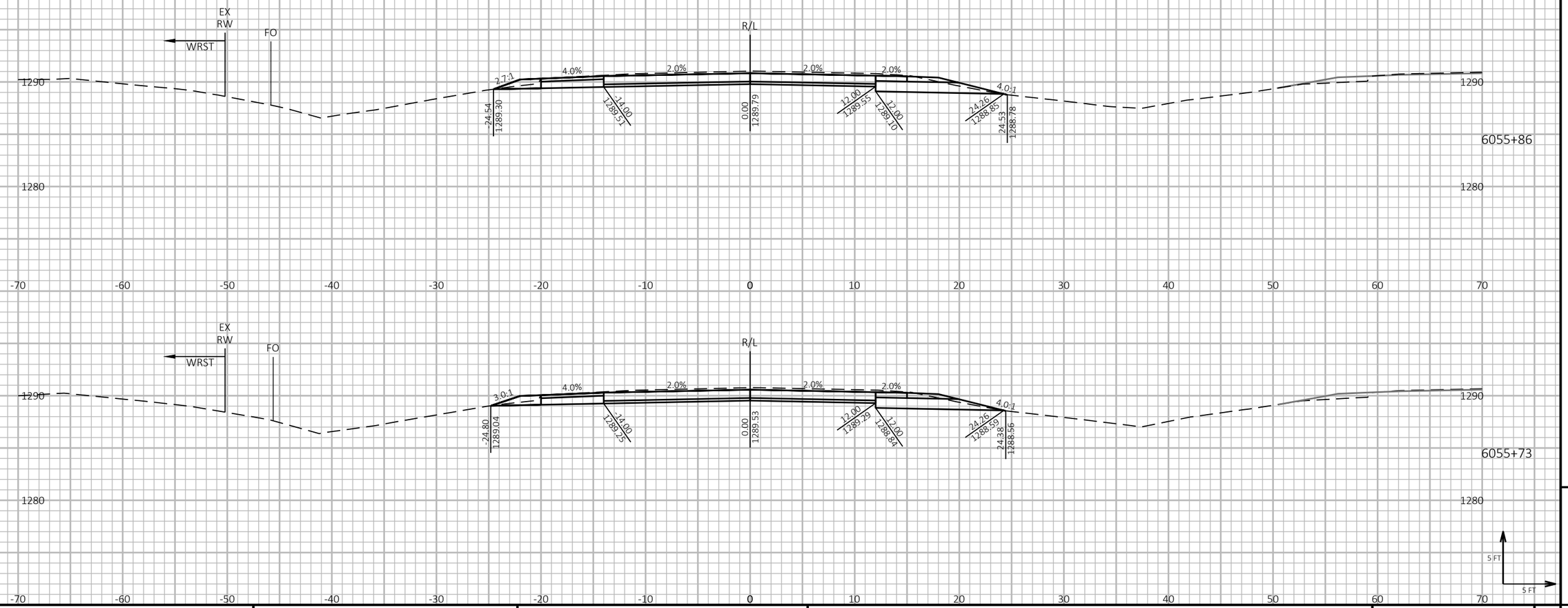
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 867	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 27

PLOT DATE : 2/2/2022 9:11 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

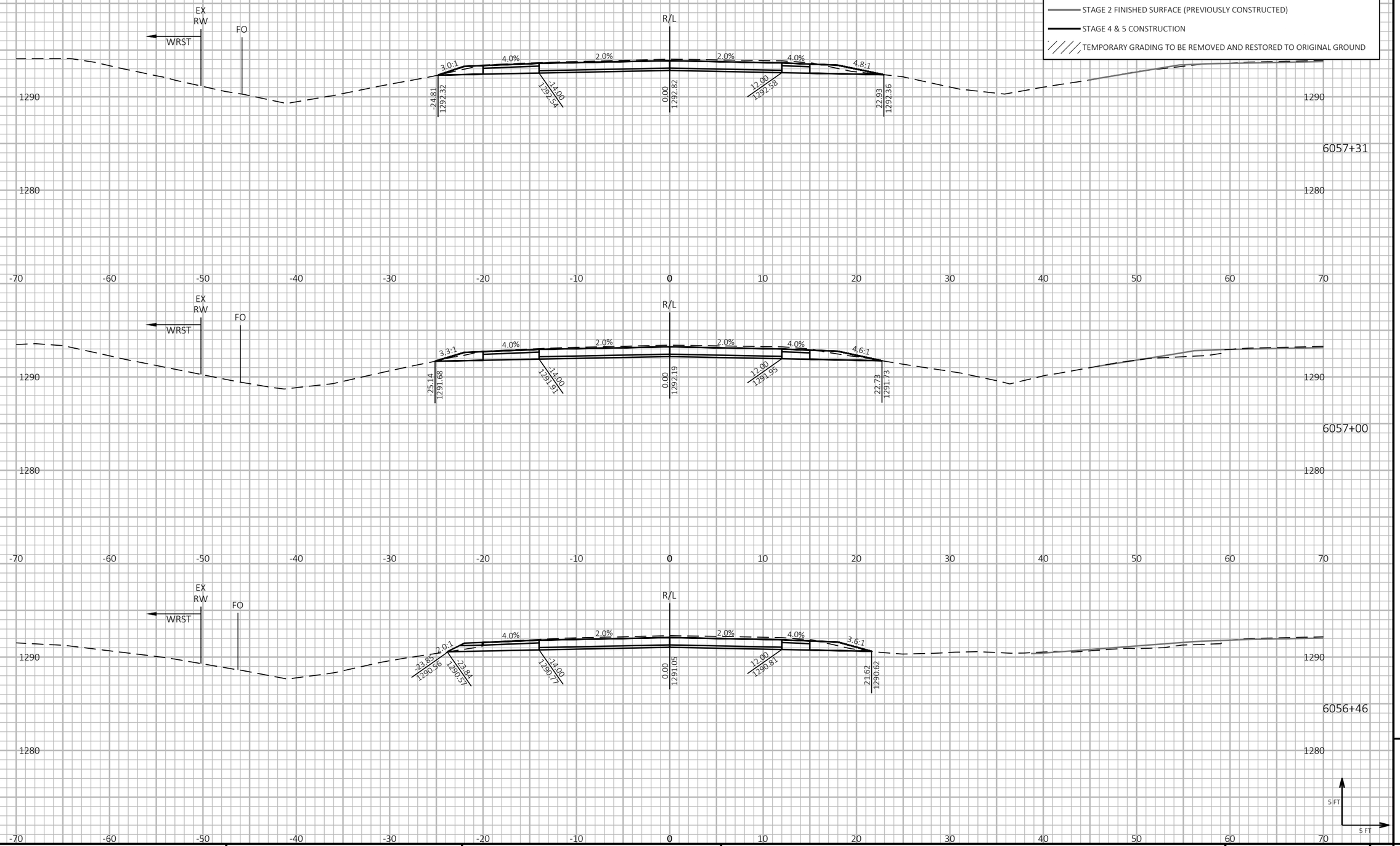
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 868	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 28

PLOT DATE : 2/2/2022 9:11 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

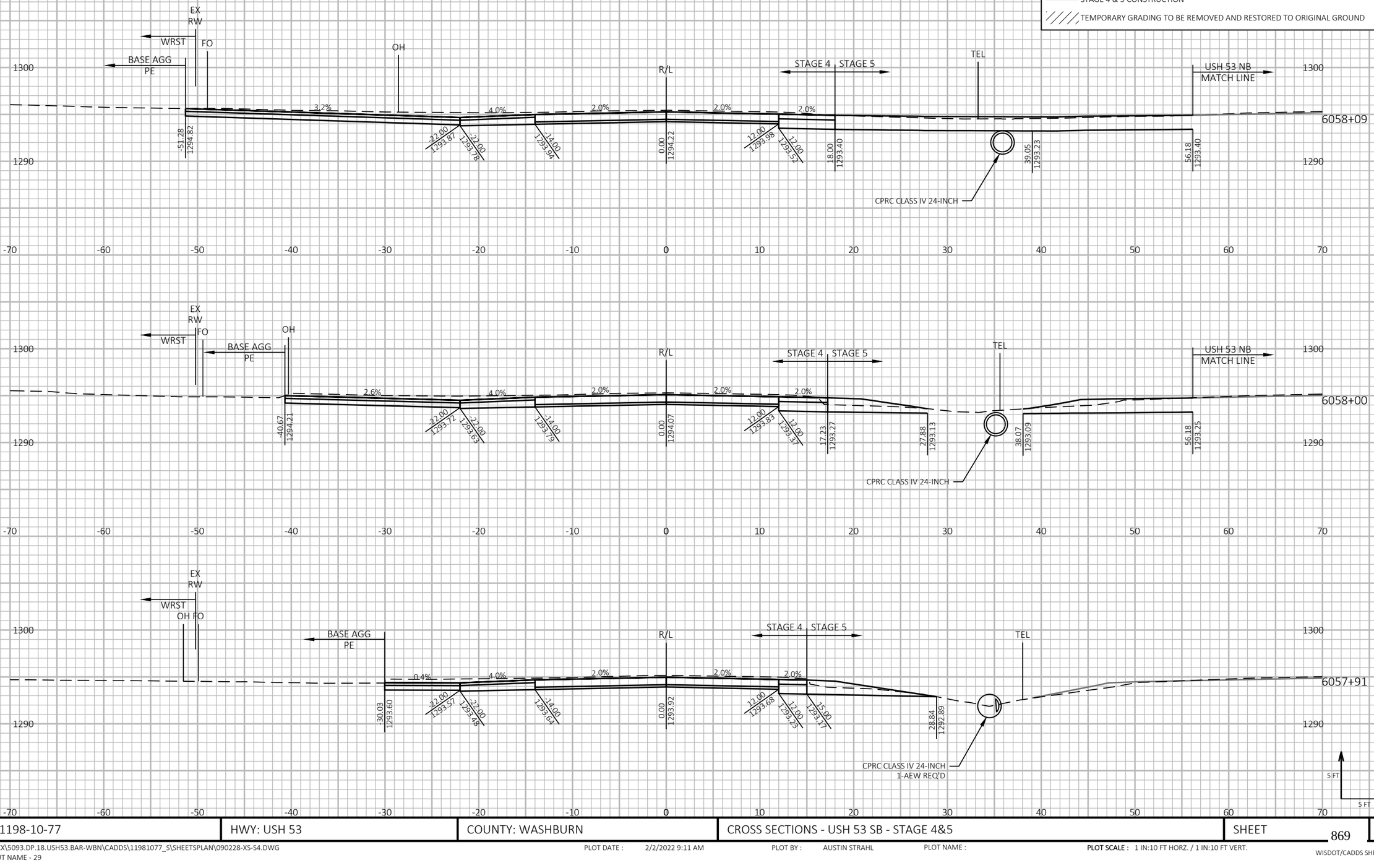
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 869	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 29

PLOT DATE : 2/2/2022 9:11 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

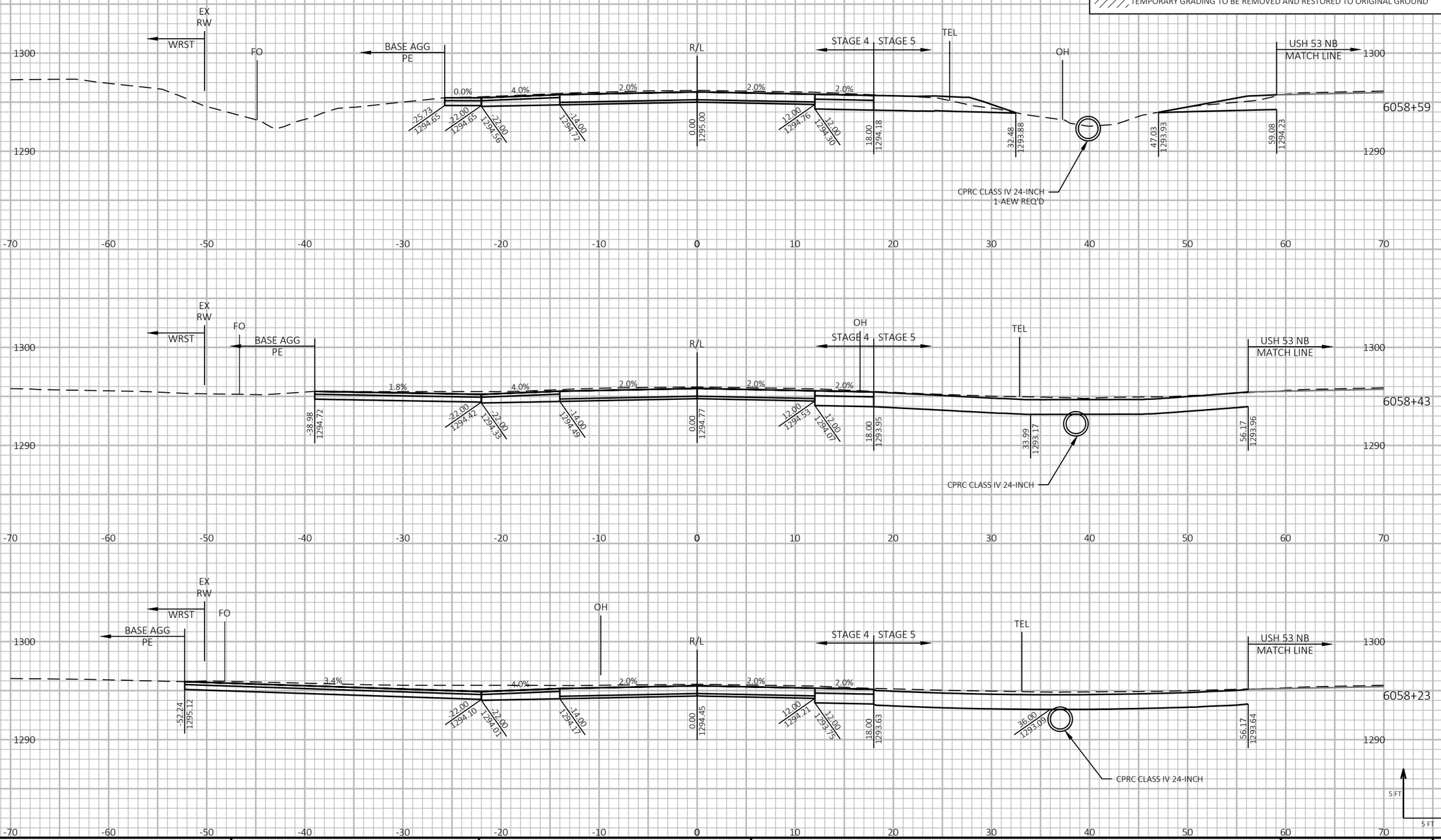
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 870	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 30

PLOT DATE : 2/2/2022 9:12 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

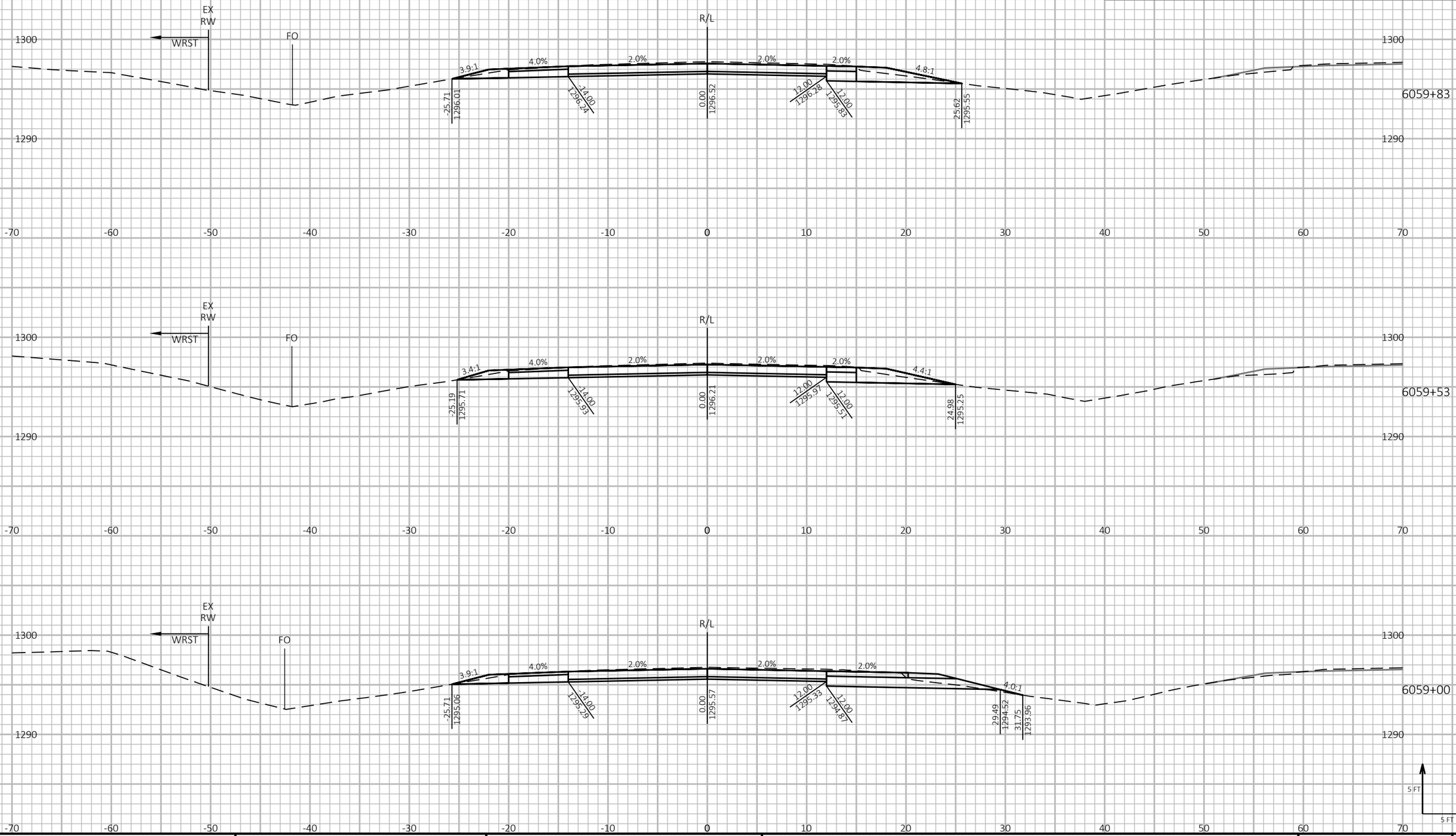
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 871	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 31

PLOT DATE : 2/2/2022 9:12 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 872	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 32

PLOT DATE : 2/2/2022 9:12 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

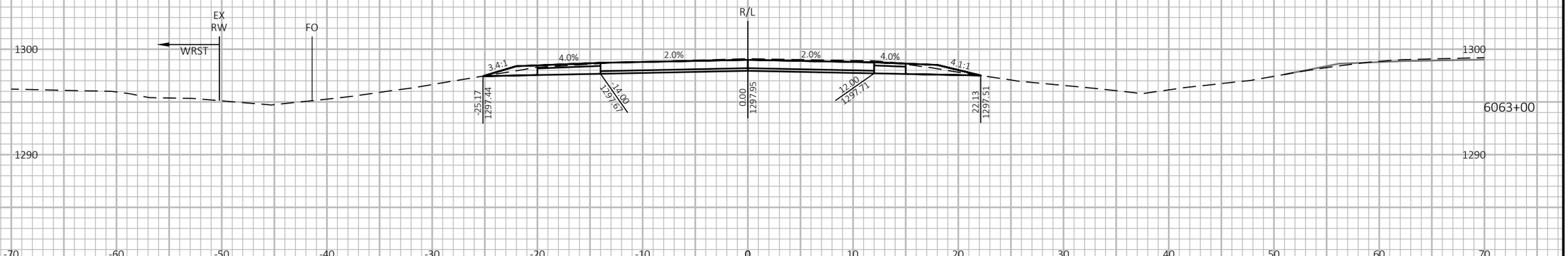
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

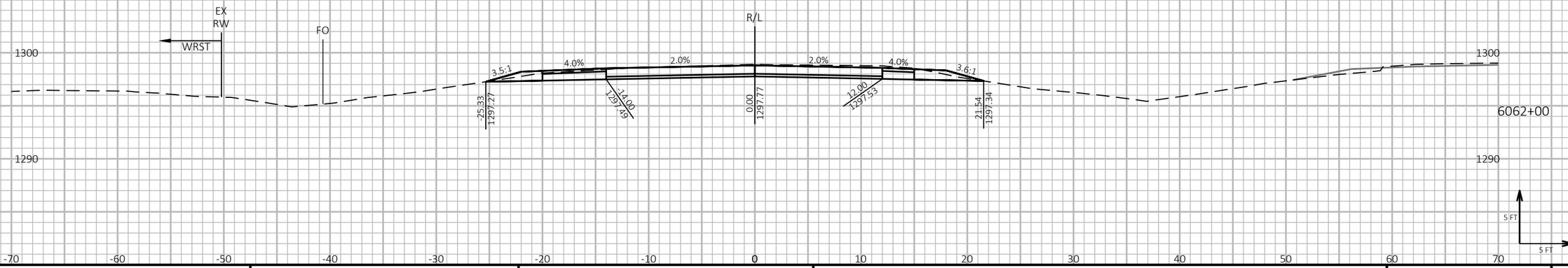
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 873	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 33

PLOT DATE : 2/2/2022 9:13 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

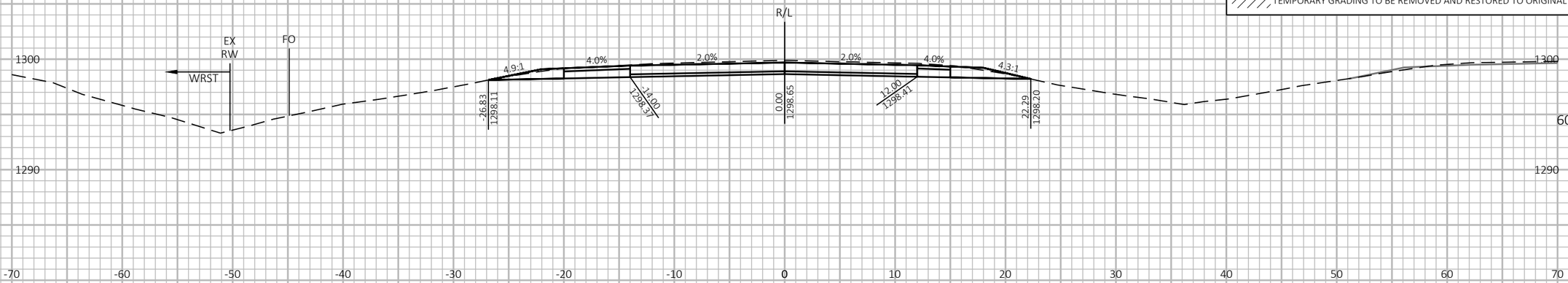
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

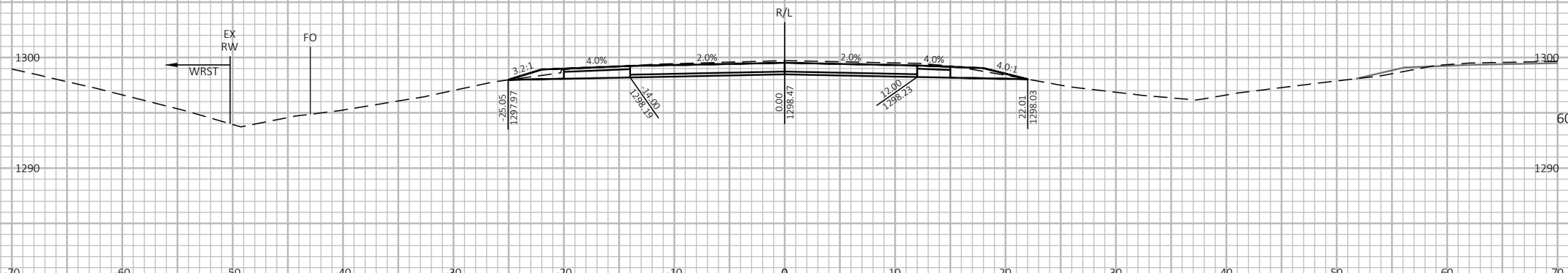
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

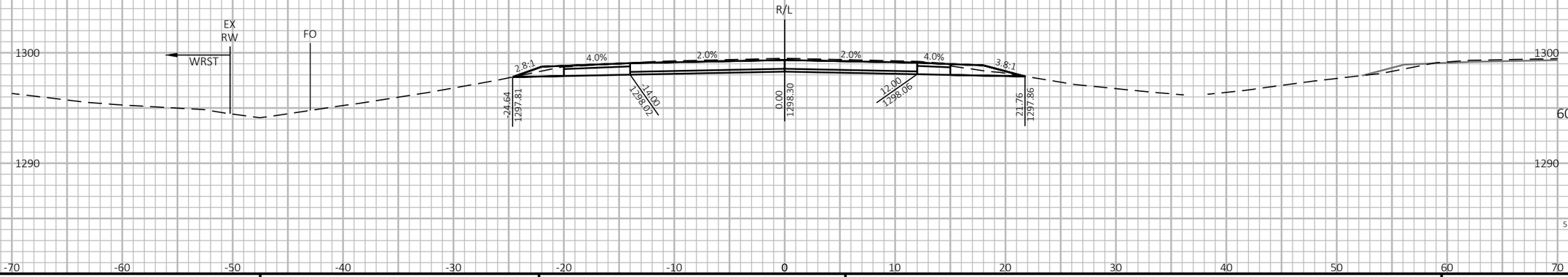
TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



6067+00



6066+00



6065+00

5 FT

5 FT

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 874	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 34

PLOT DATE : 2/2/2022 9:13 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

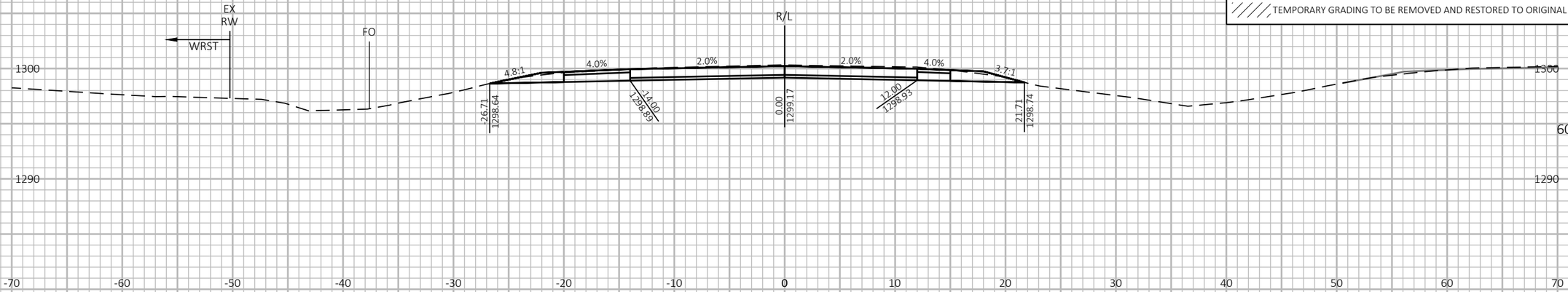
EXISTING GROUND

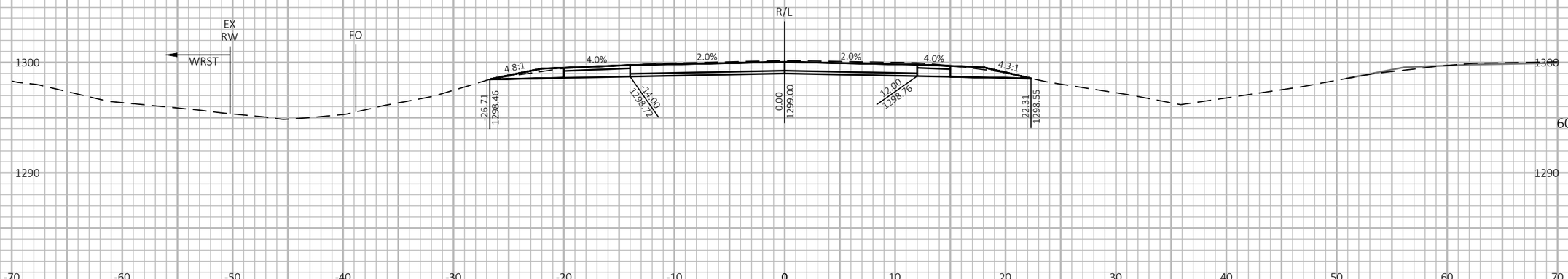
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

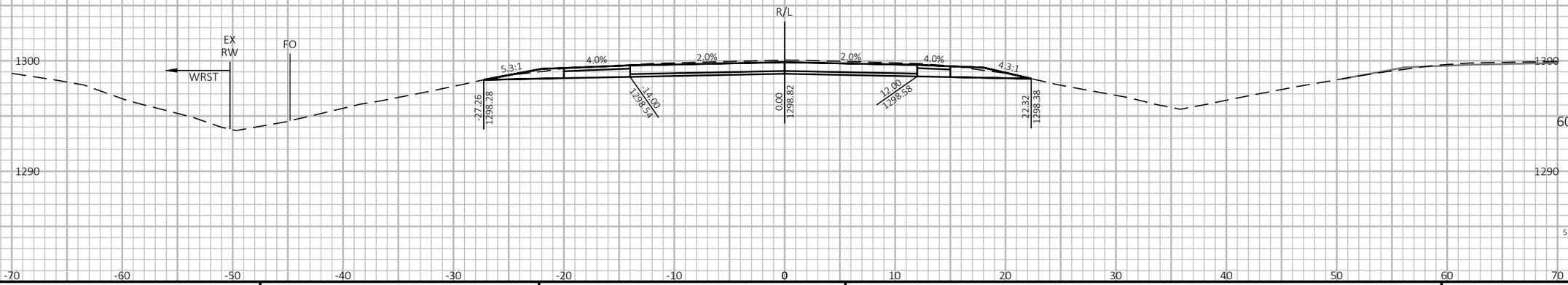
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 875	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 35

PLOT DATE : 2/2/2022 9:13 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

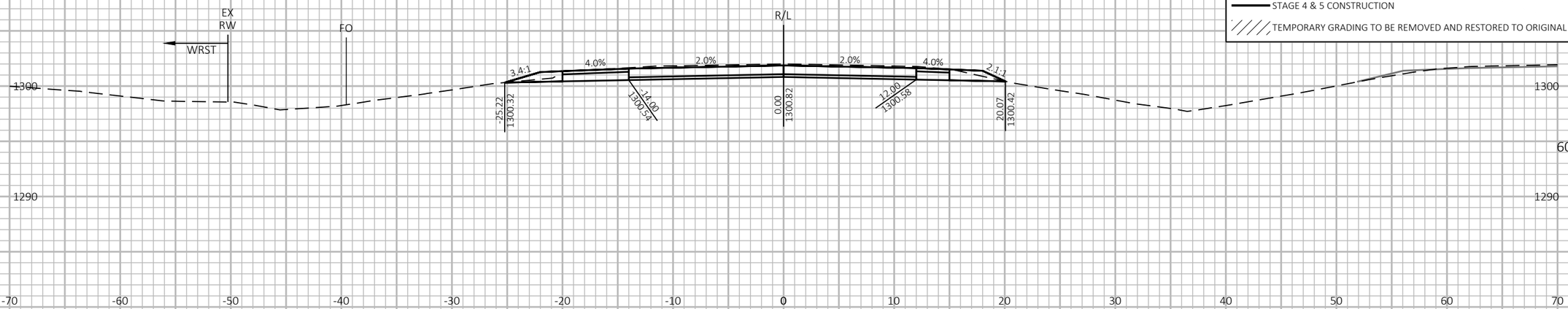
EXISTING GROUND

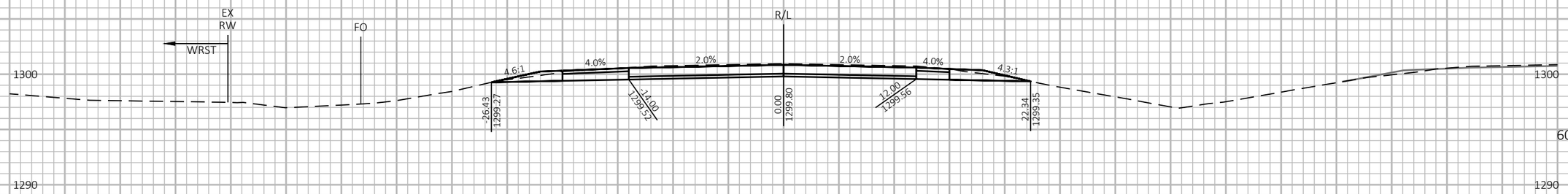
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

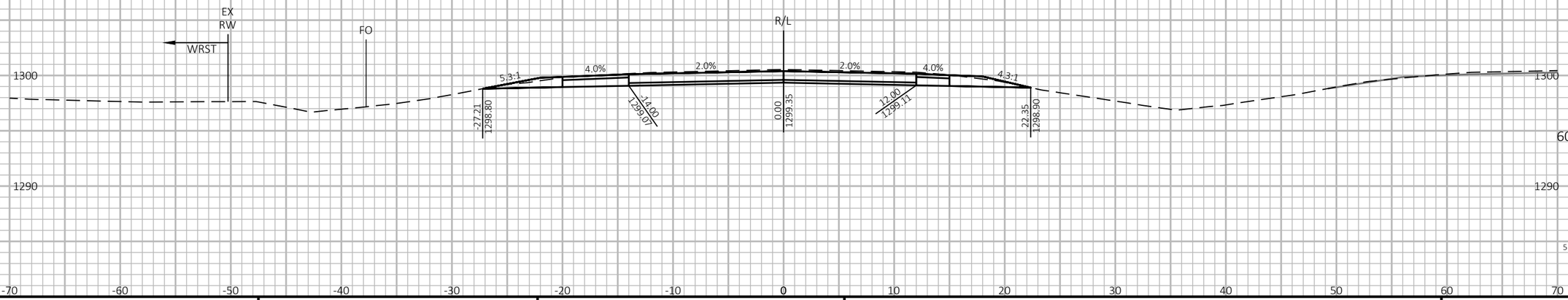
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 876	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 36

PLOT DATE : 2/2/2022 9:14 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

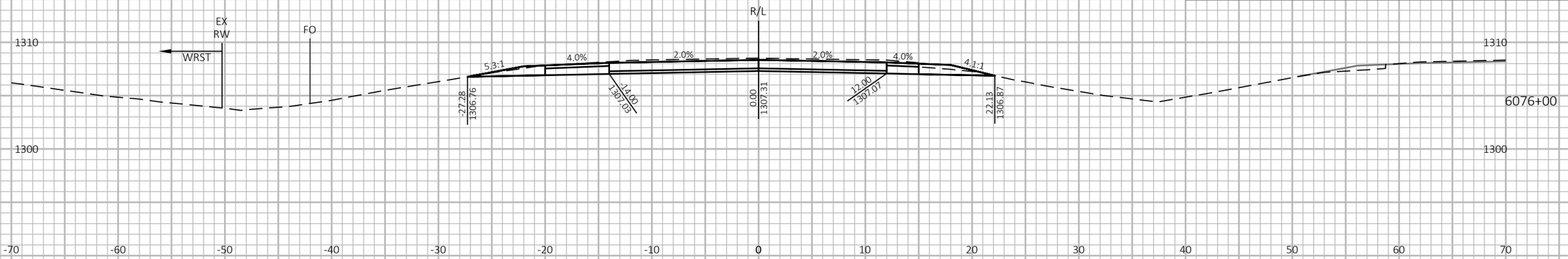
EXISTING GROUND

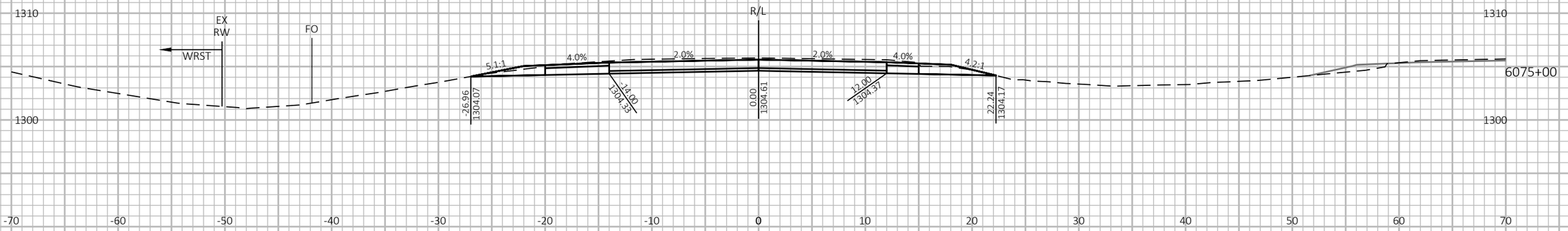
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

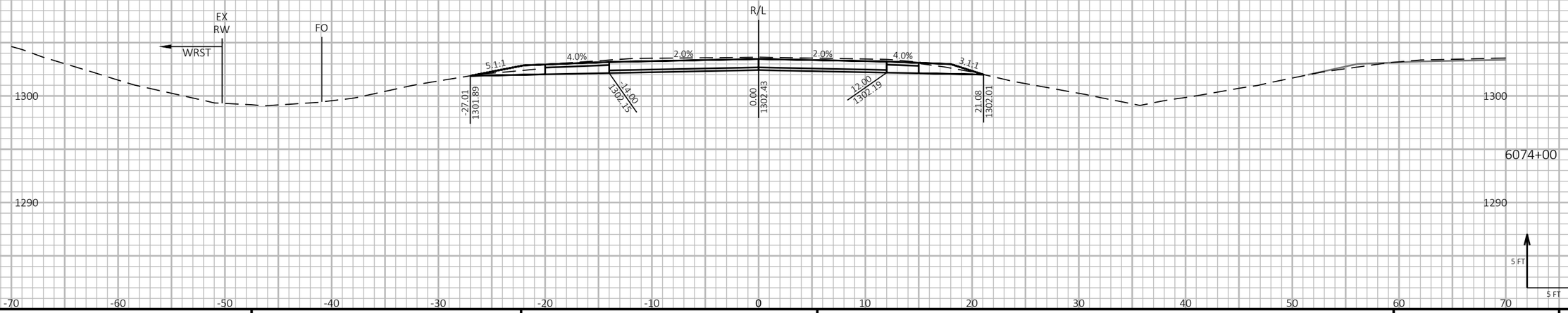
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 877	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 37

PLOT DATE : 2/2/2022 9:14 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

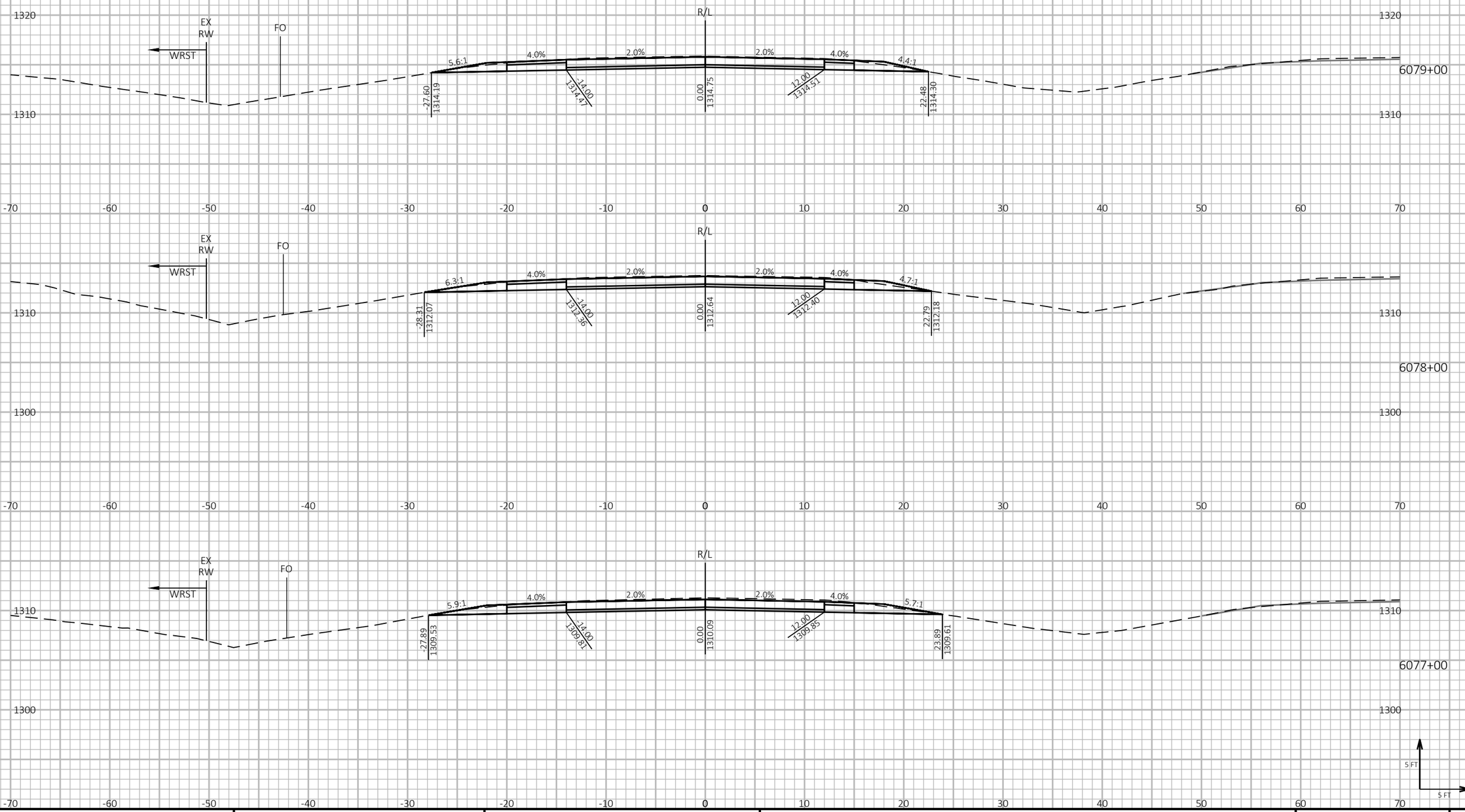
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 878	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 38

PLOT DATE : 2/2/2022 9:14 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

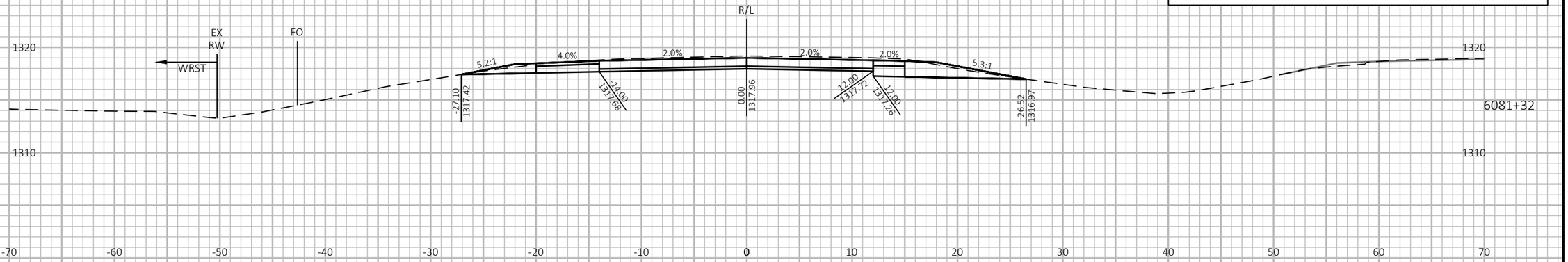
EXISTING GROUND

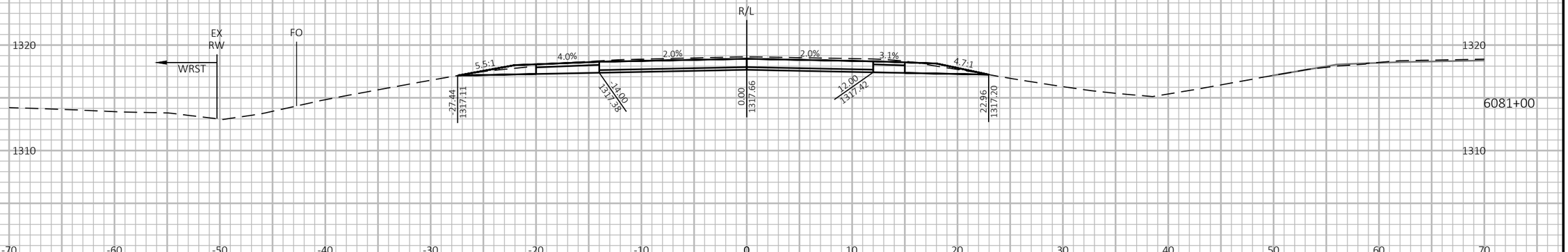
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

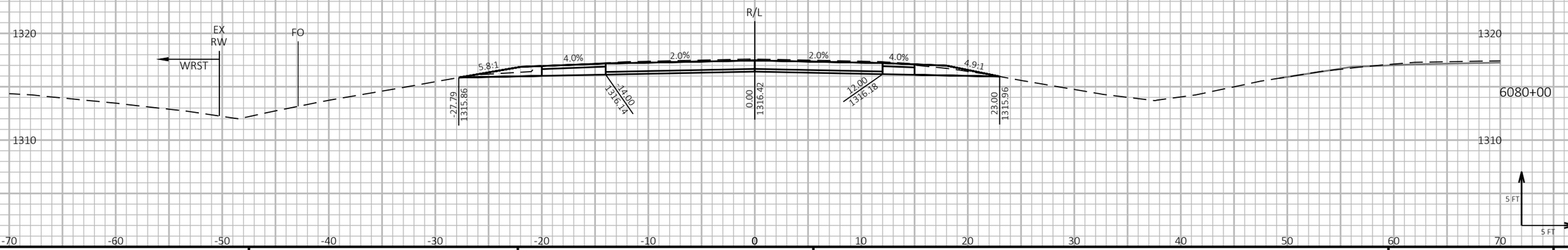
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 879	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 39

PLOT DATE : 2/2/2022 9:15 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

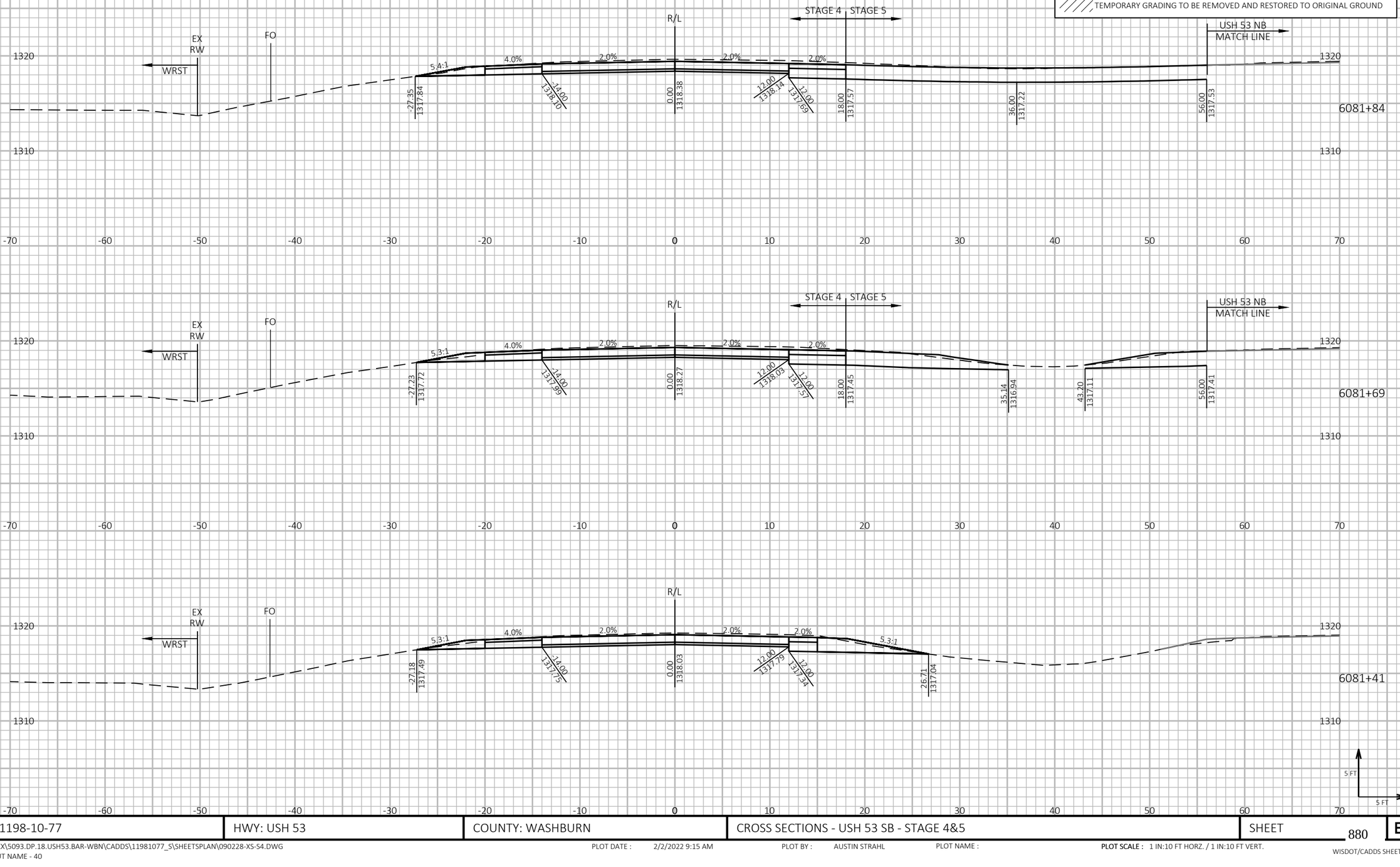
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 880	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 40

PLOT DATE : 2/2/2022 9:15 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

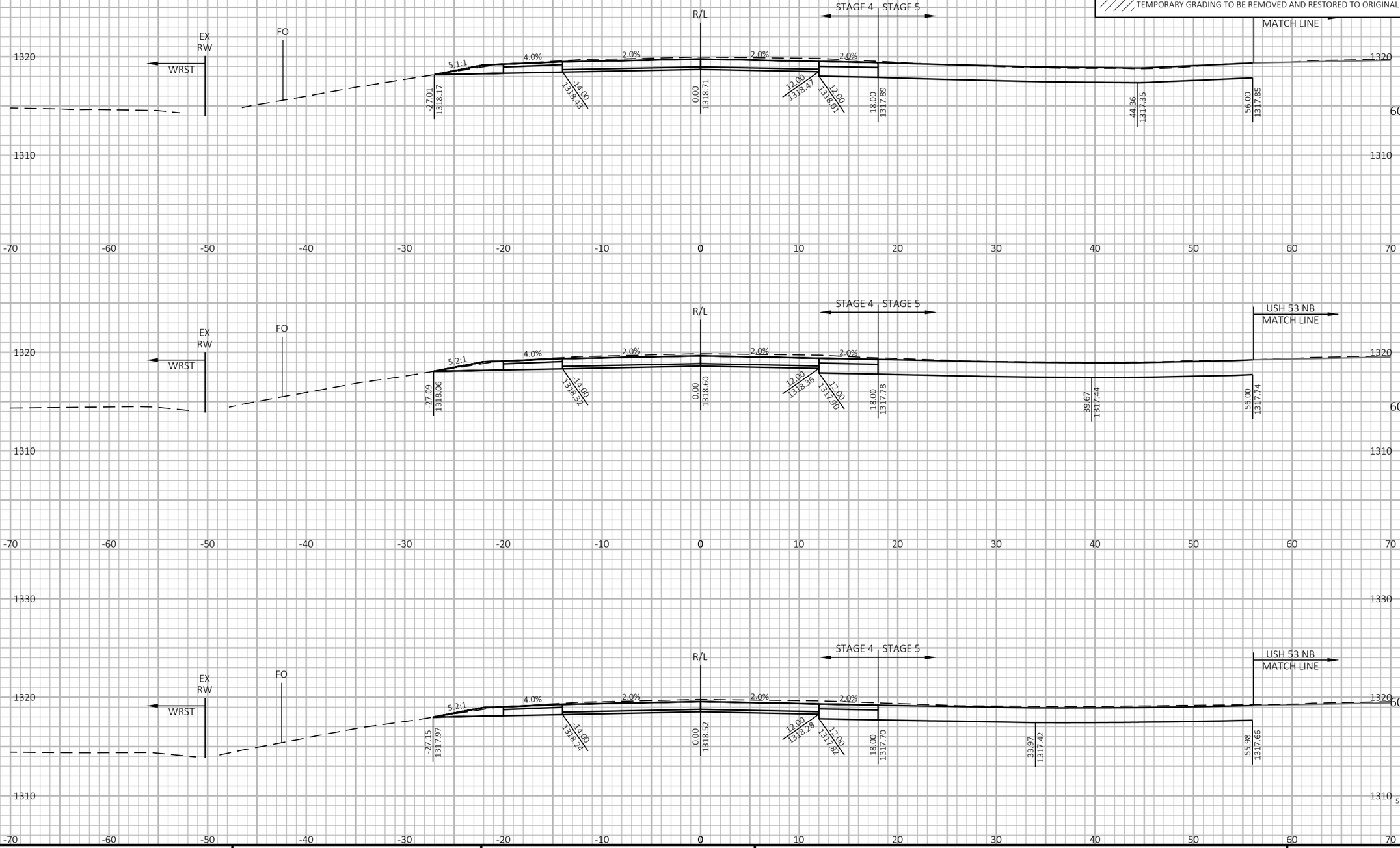
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 881	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 41

PLOT DATE : 2/2/2022 9:15 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

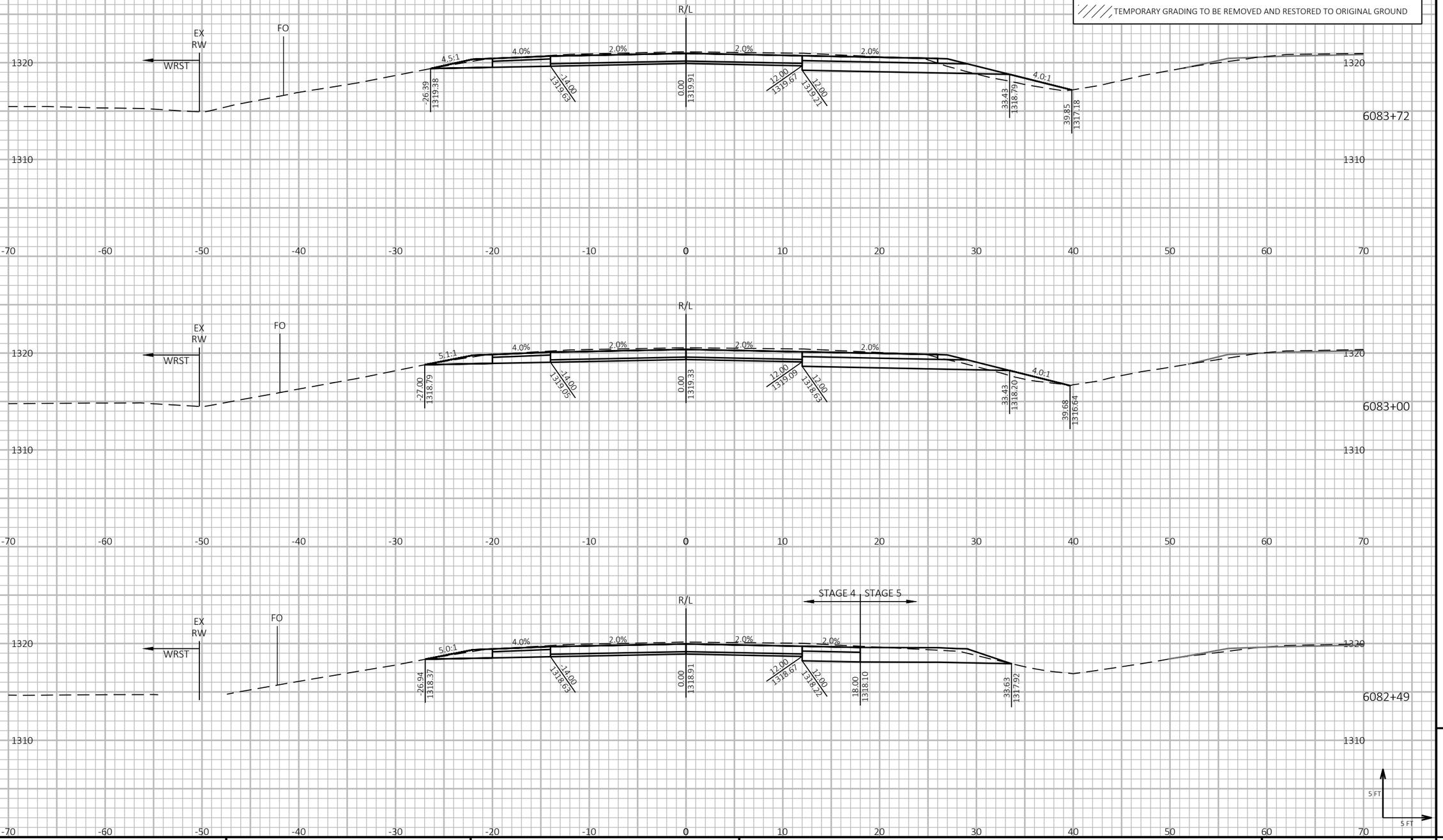
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 882	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 42

PLOT DATE : 2/2/2022 9:16 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

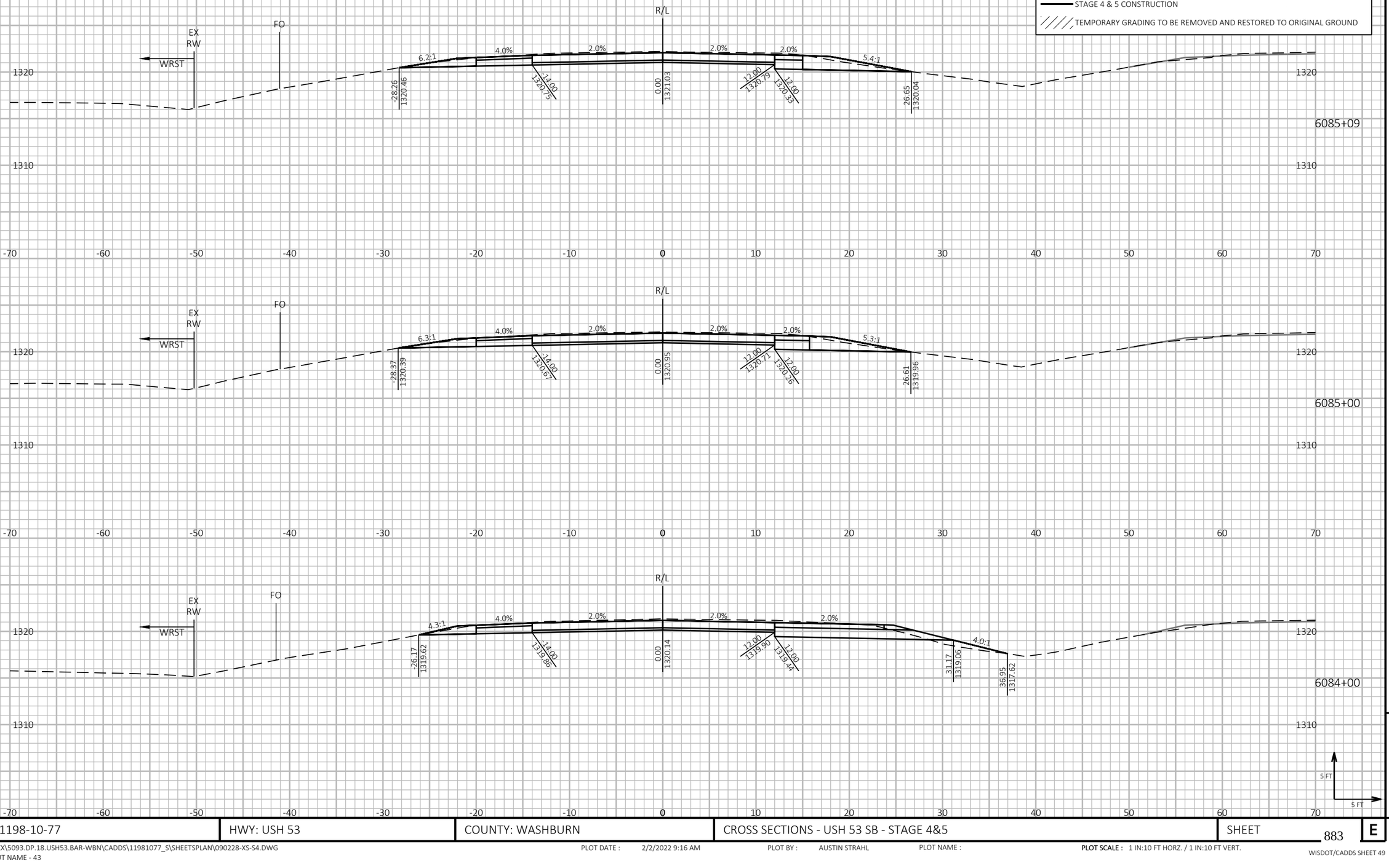
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 883	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 43

PLOT DATE : 2/2/2022 9:16 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

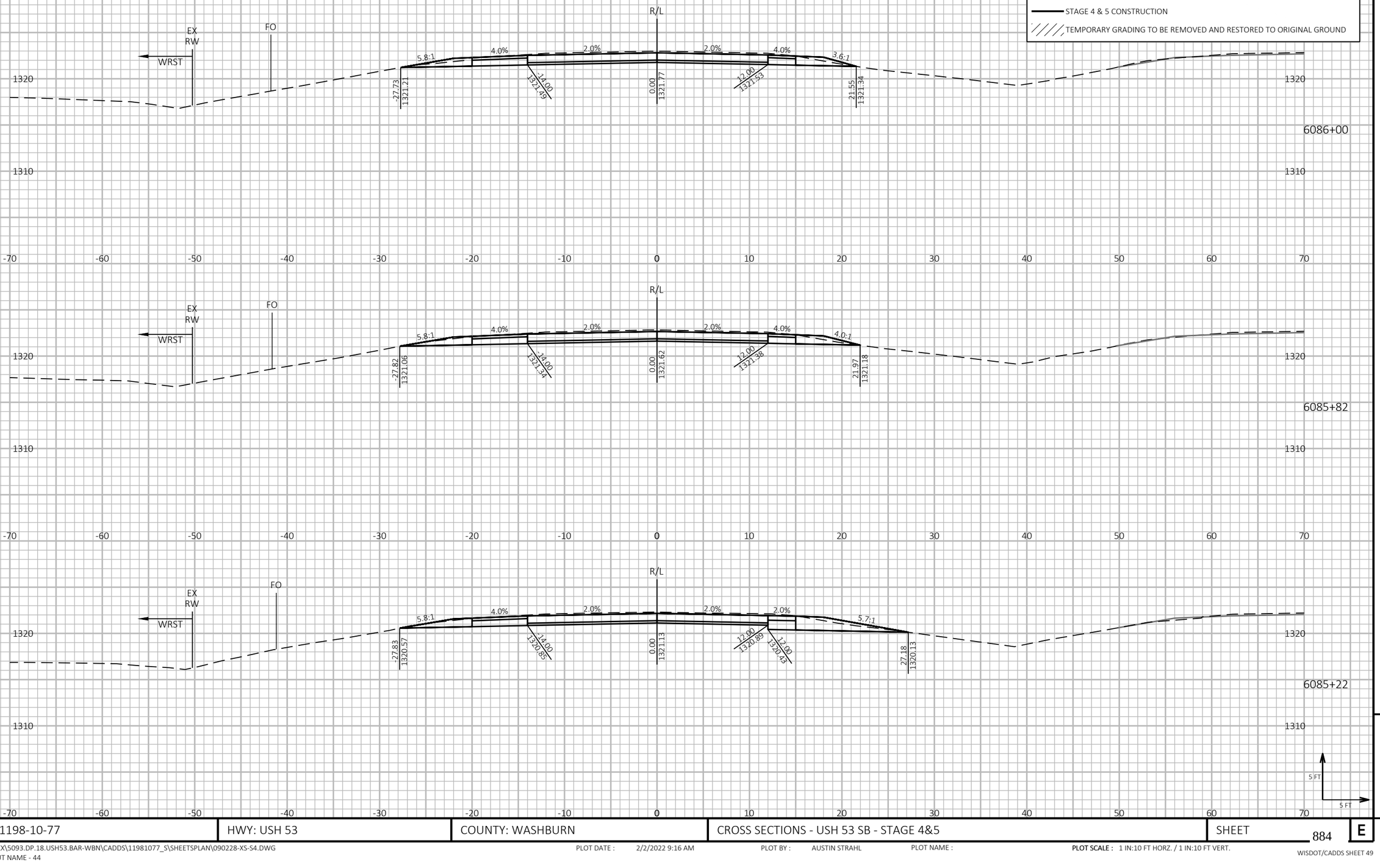
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 884	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 44

PLOT DATE : 2/2/2022 9:16 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

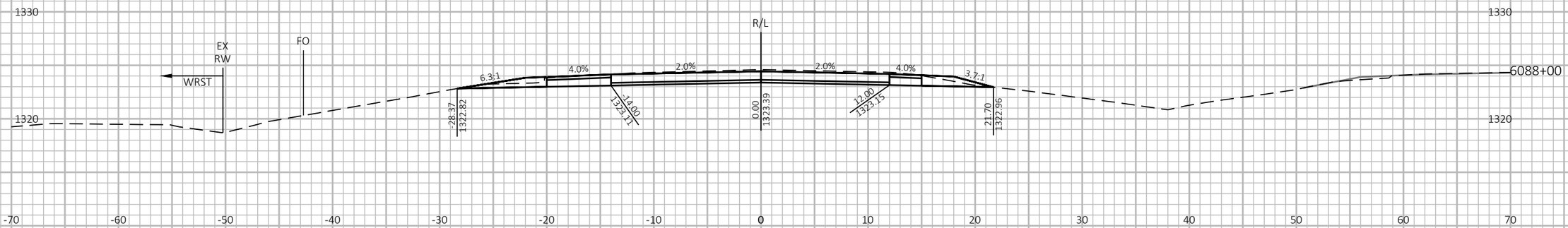
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

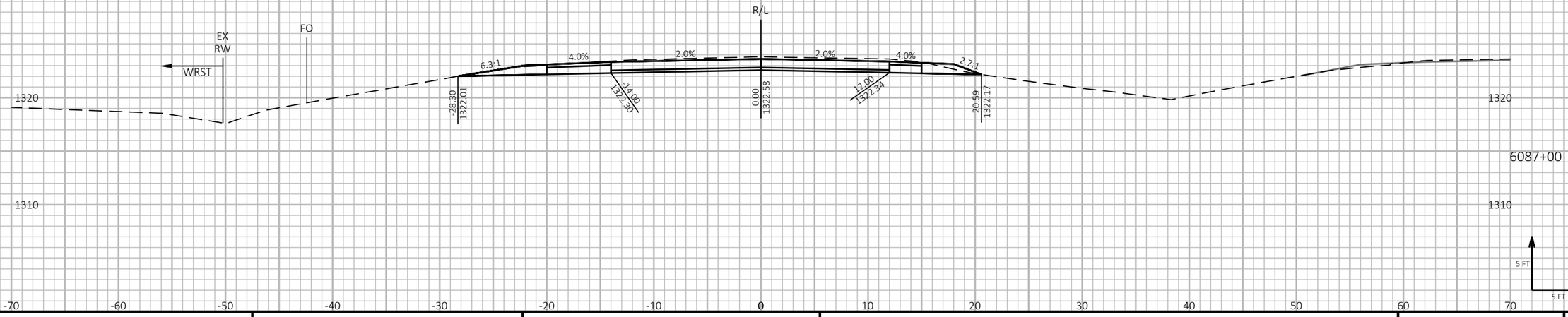
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 885	E

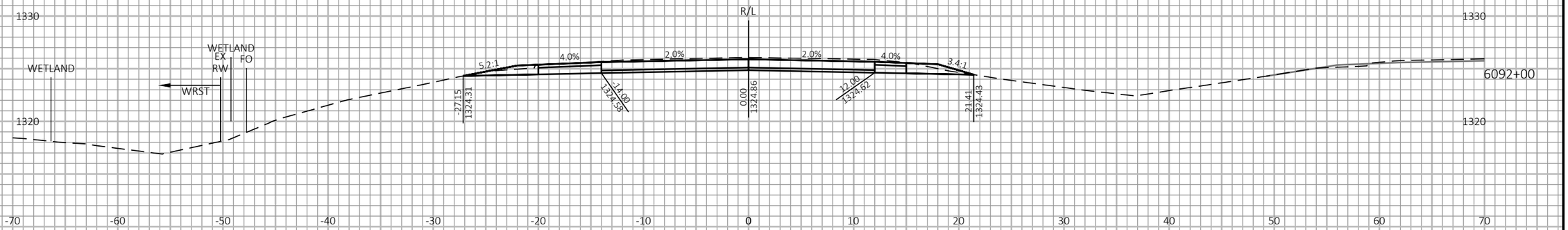
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090228-XS-S4.DWG
LAYOUT NAME - 45

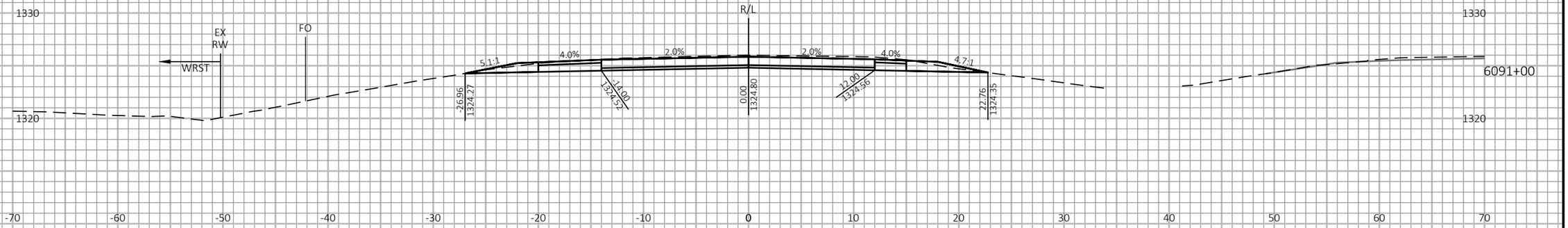
PLOT DATE : 2/2/2022 9:17 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

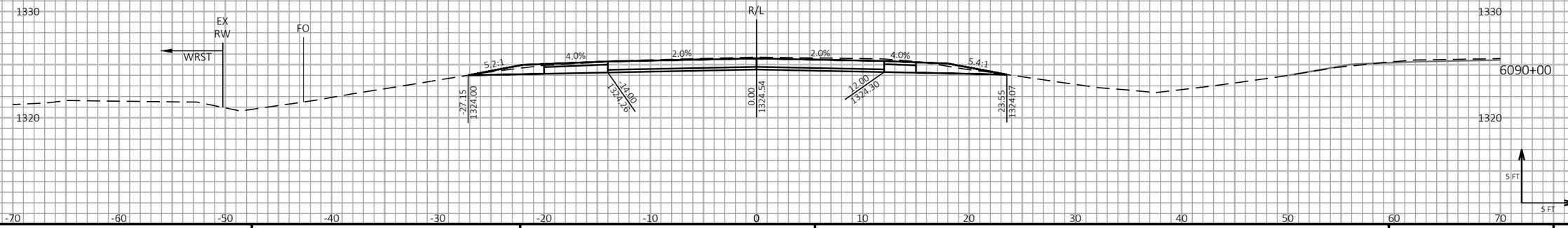
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 886	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 2/2/2022 10:07 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

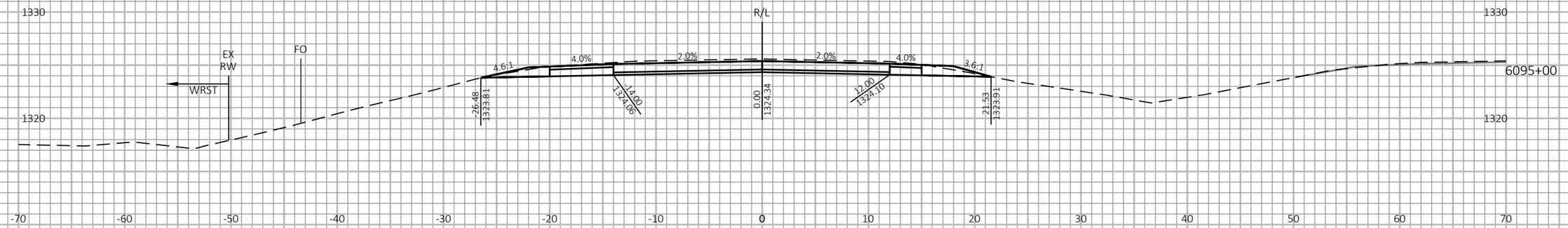
EXISTING GROUND

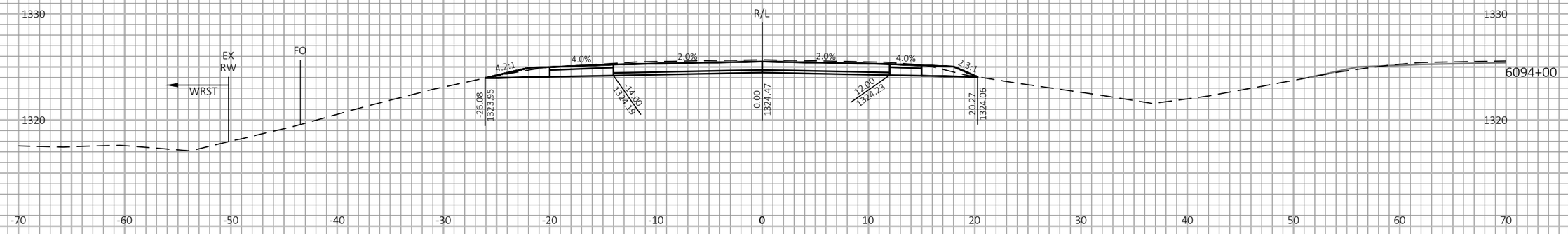
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

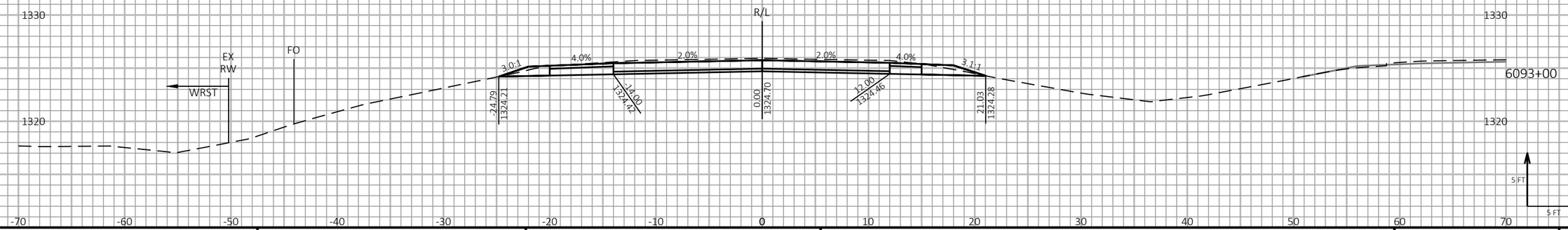
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 887	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 2/2/2022 10:07 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

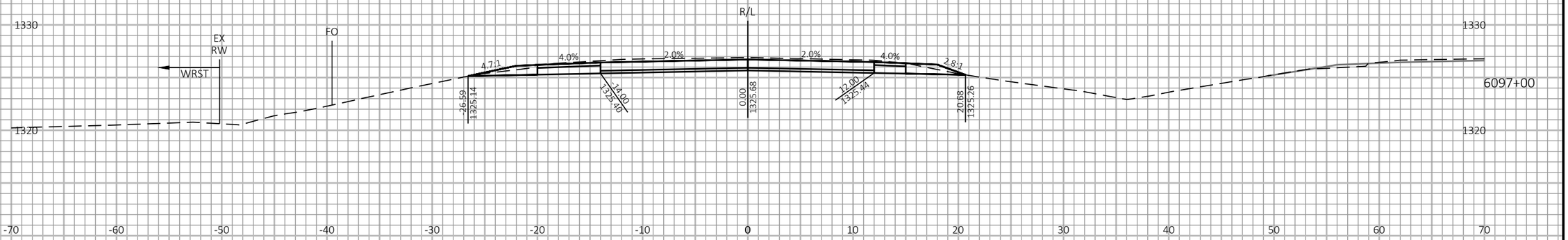
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

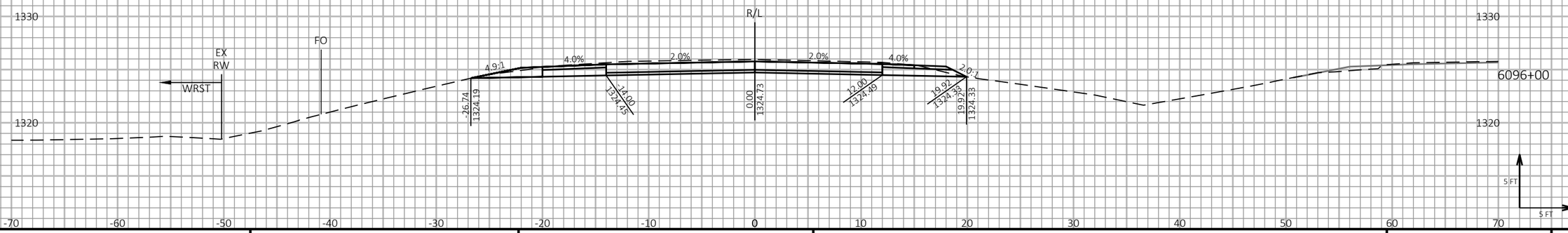
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 888	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 2/2/2022 10:08 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

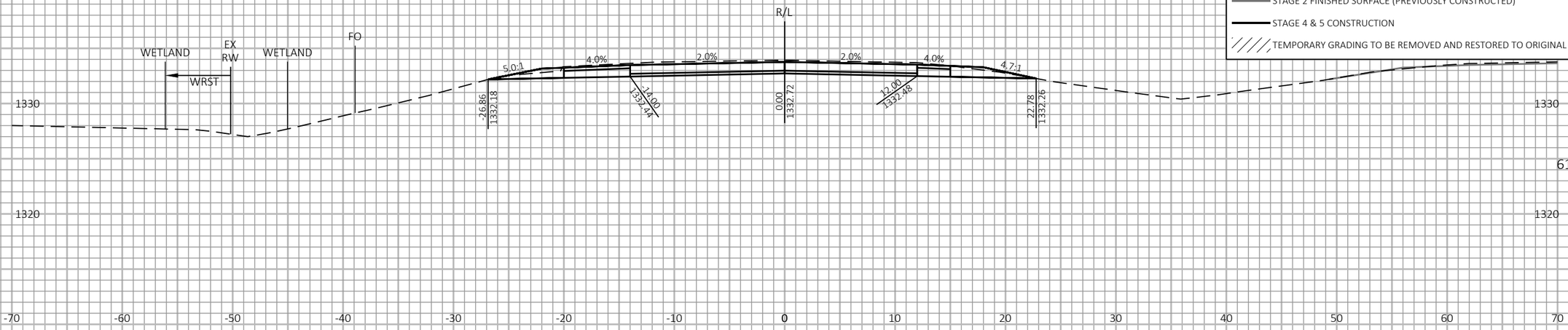
EXISTING GROUND

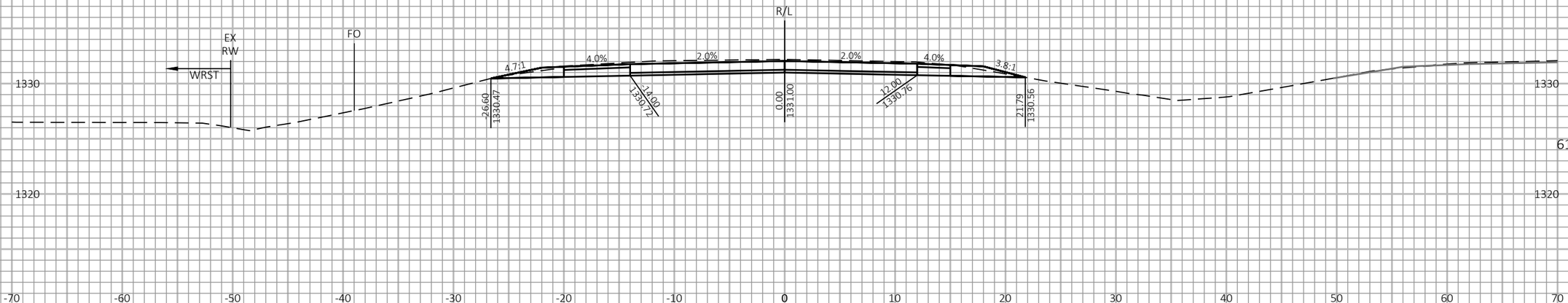
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

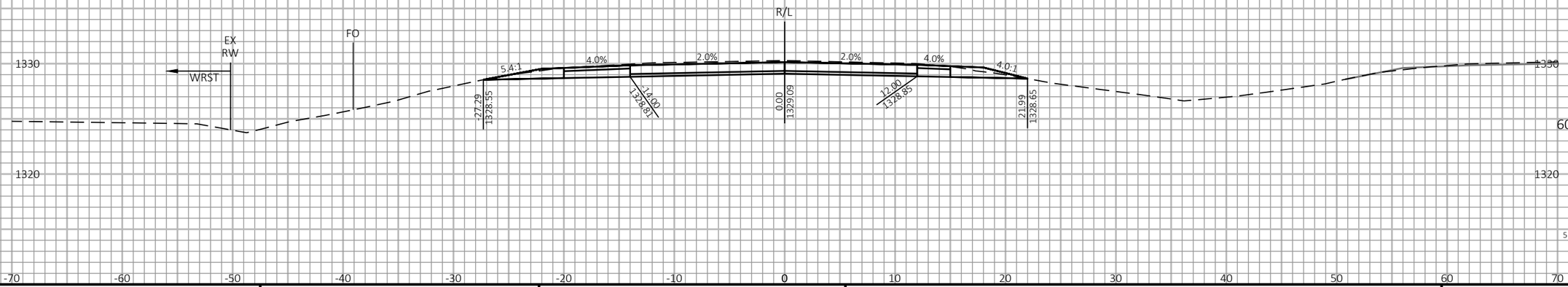
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 889	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 04

PLOT DATE : 2/2/2022 10:09 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

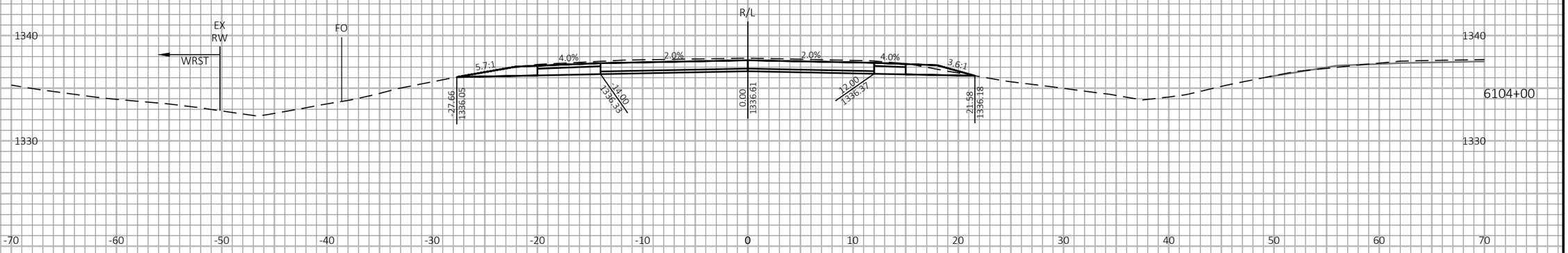
EXISTING GROUND

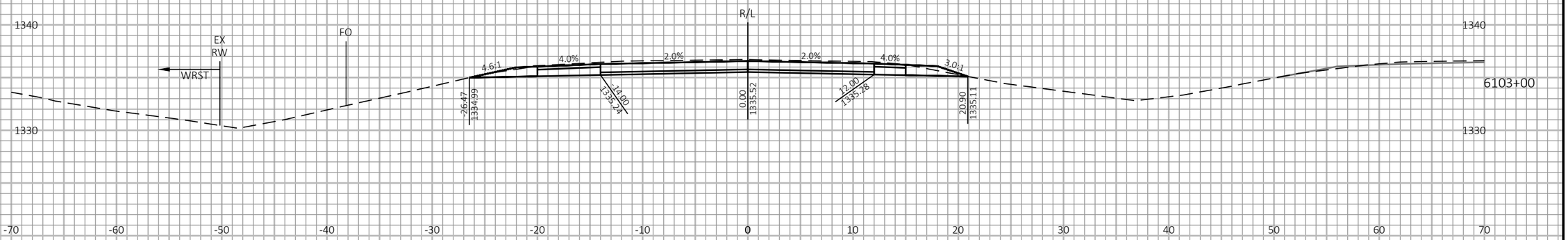
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

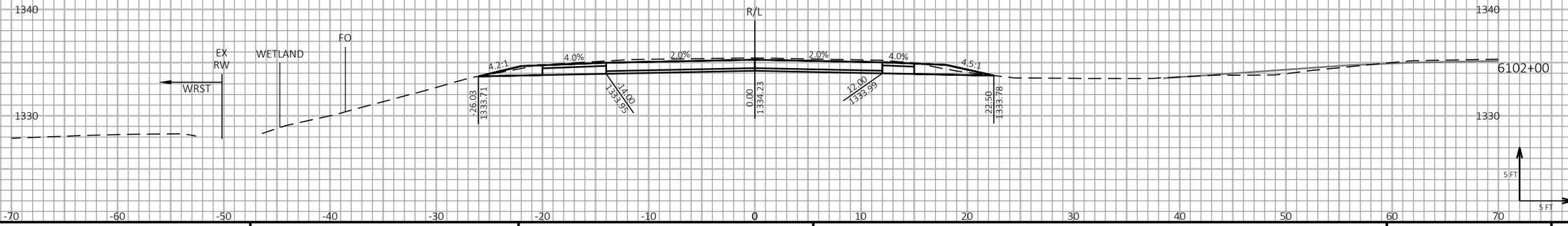
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 890	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 05

PLOT DATE : 2/2/2022 10:09 AM

PLOT BY : AUSTIN STRAHL

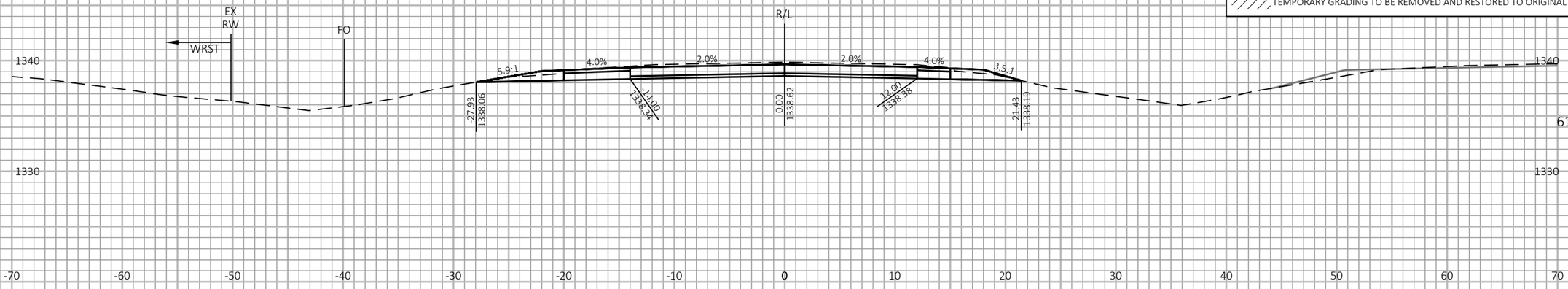
PLOT NAME :

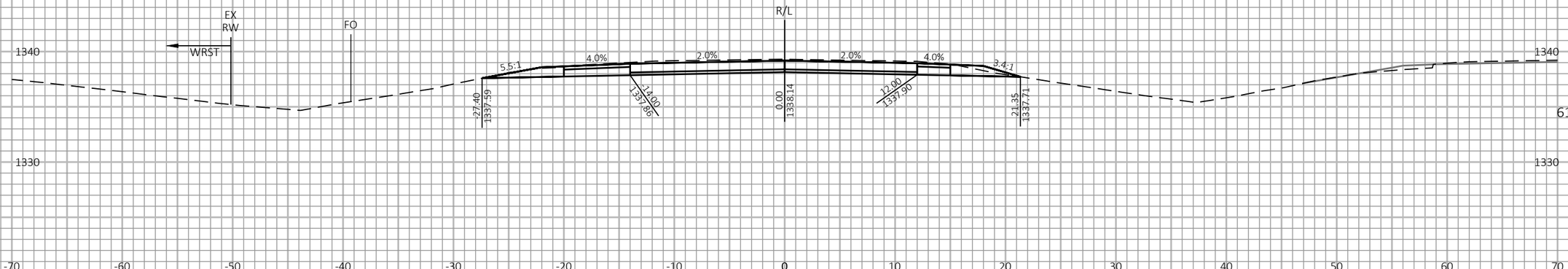
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

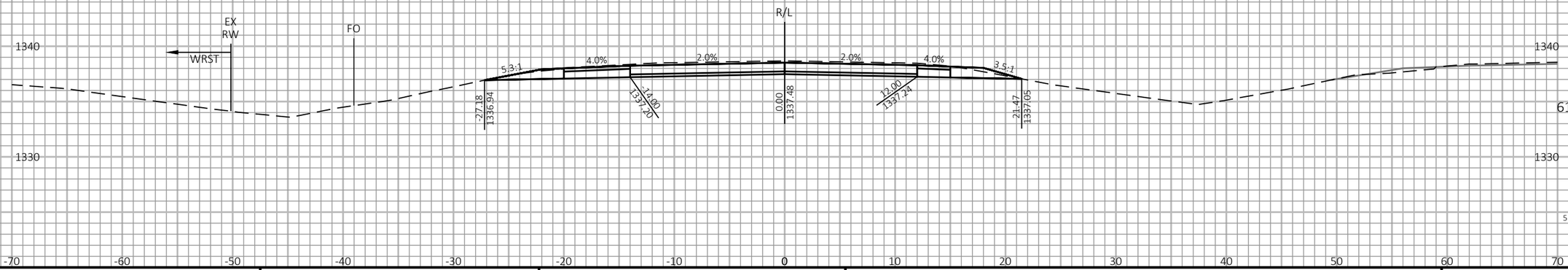
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 891	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 06

PLOT DATE : 2/2/2022 10:10 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 892	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 07

PLOT DATE : 2/2/2022 10:10 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

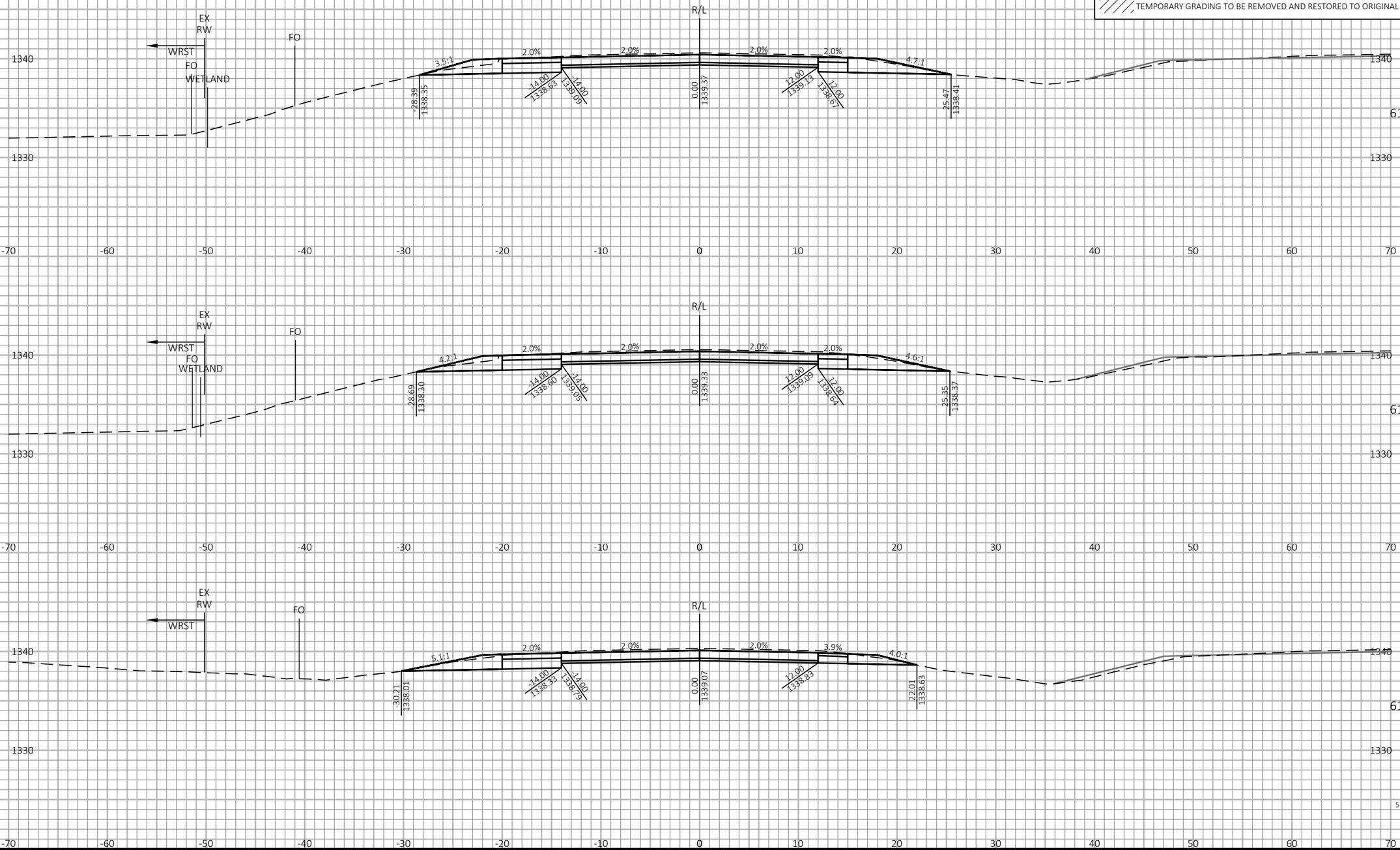
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 893	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 08

PLOT DATE : 2/2/2022 10:11 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

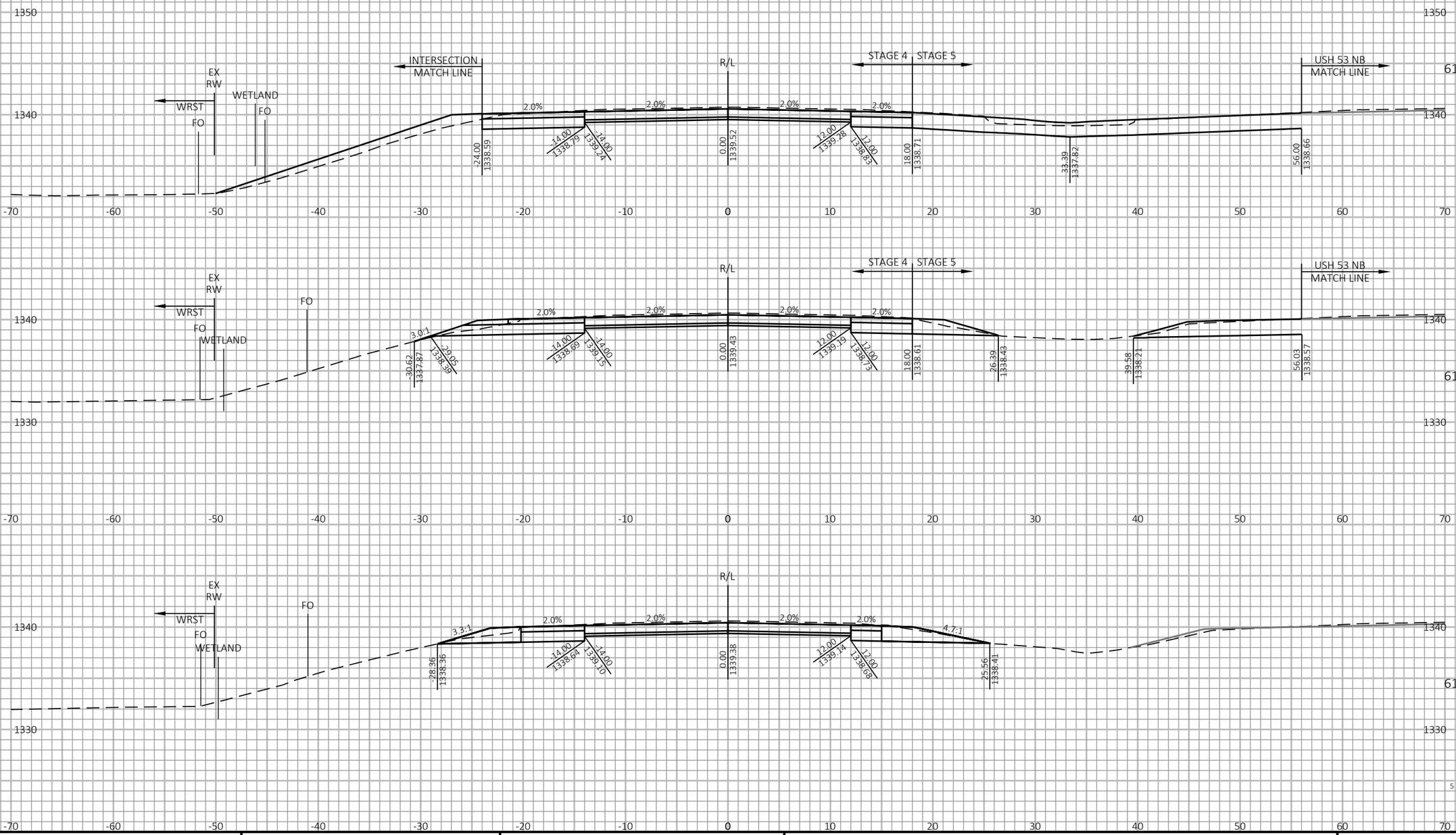
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 894	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 09

PLOT DATE : 2/2/2022 10:11 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

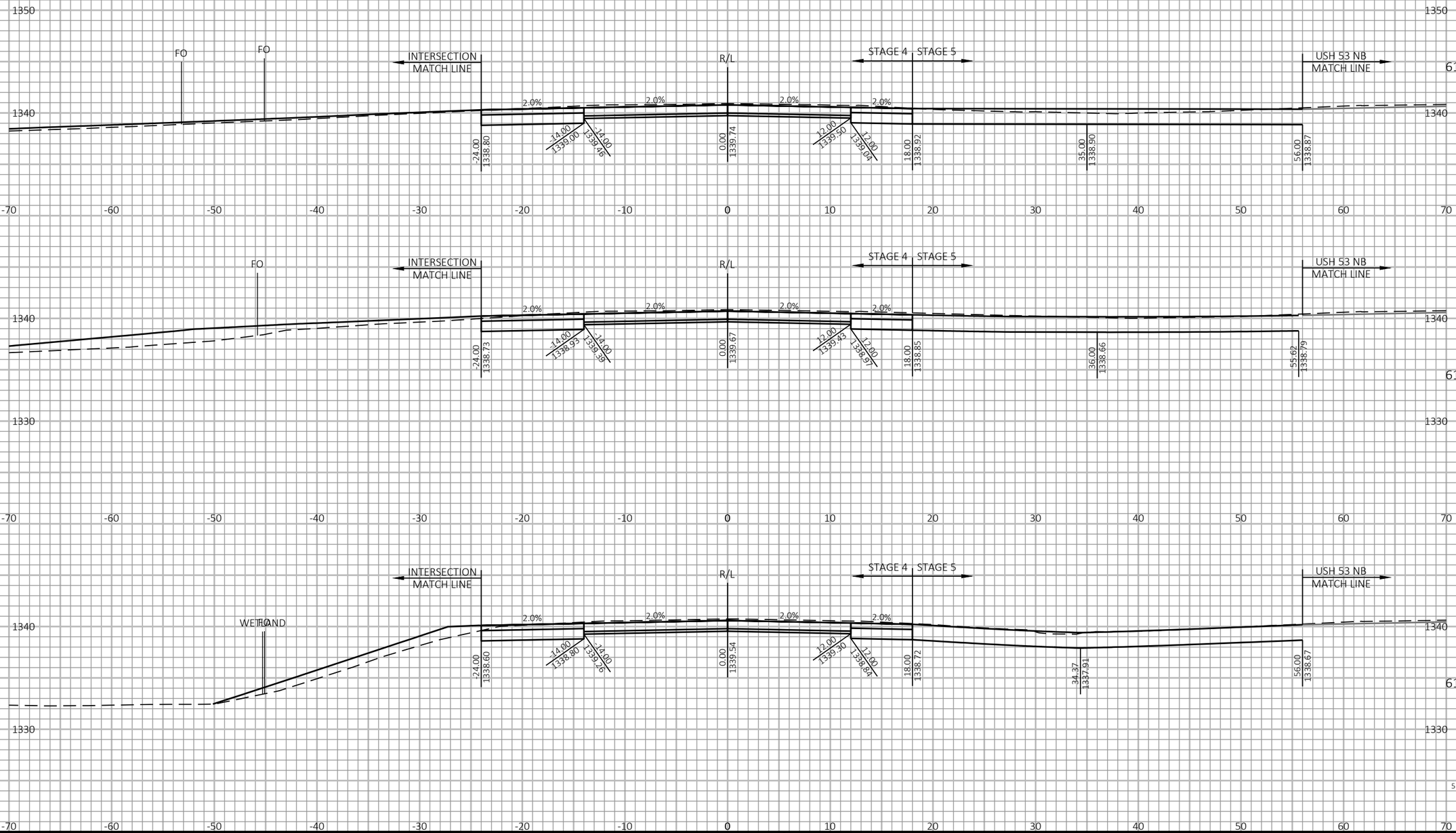
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 895	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 10

PLOT DATE : 2/2/2022 10:12 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

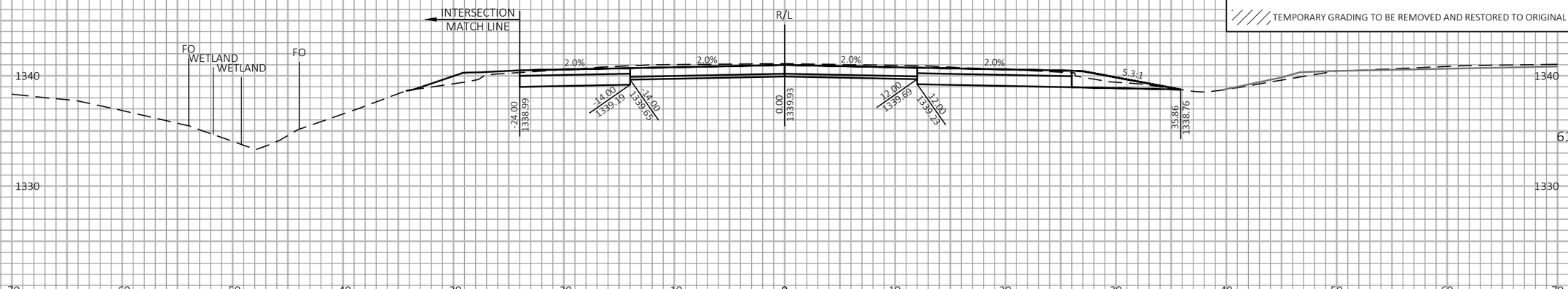
EXISTING GROUND

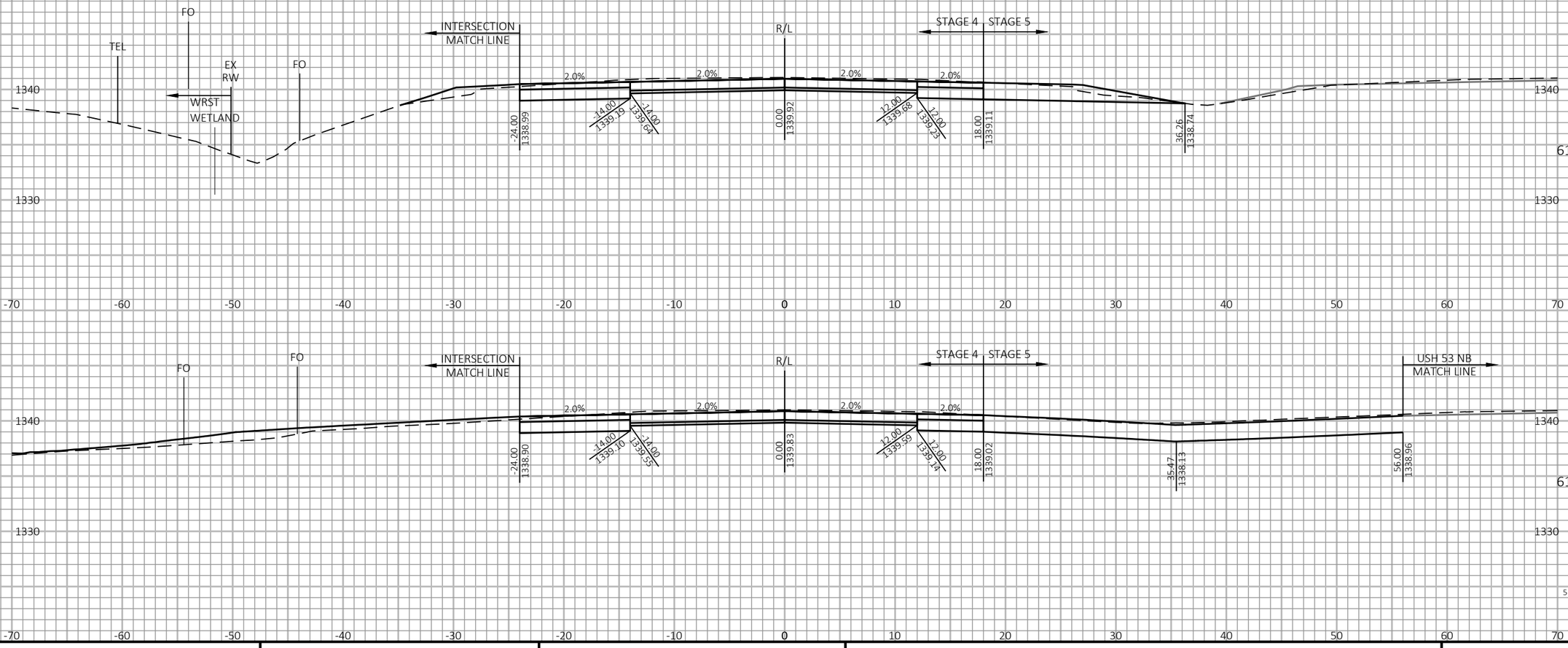
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 896	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 11

PLOT DATE : 2/2/2022 10:12 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

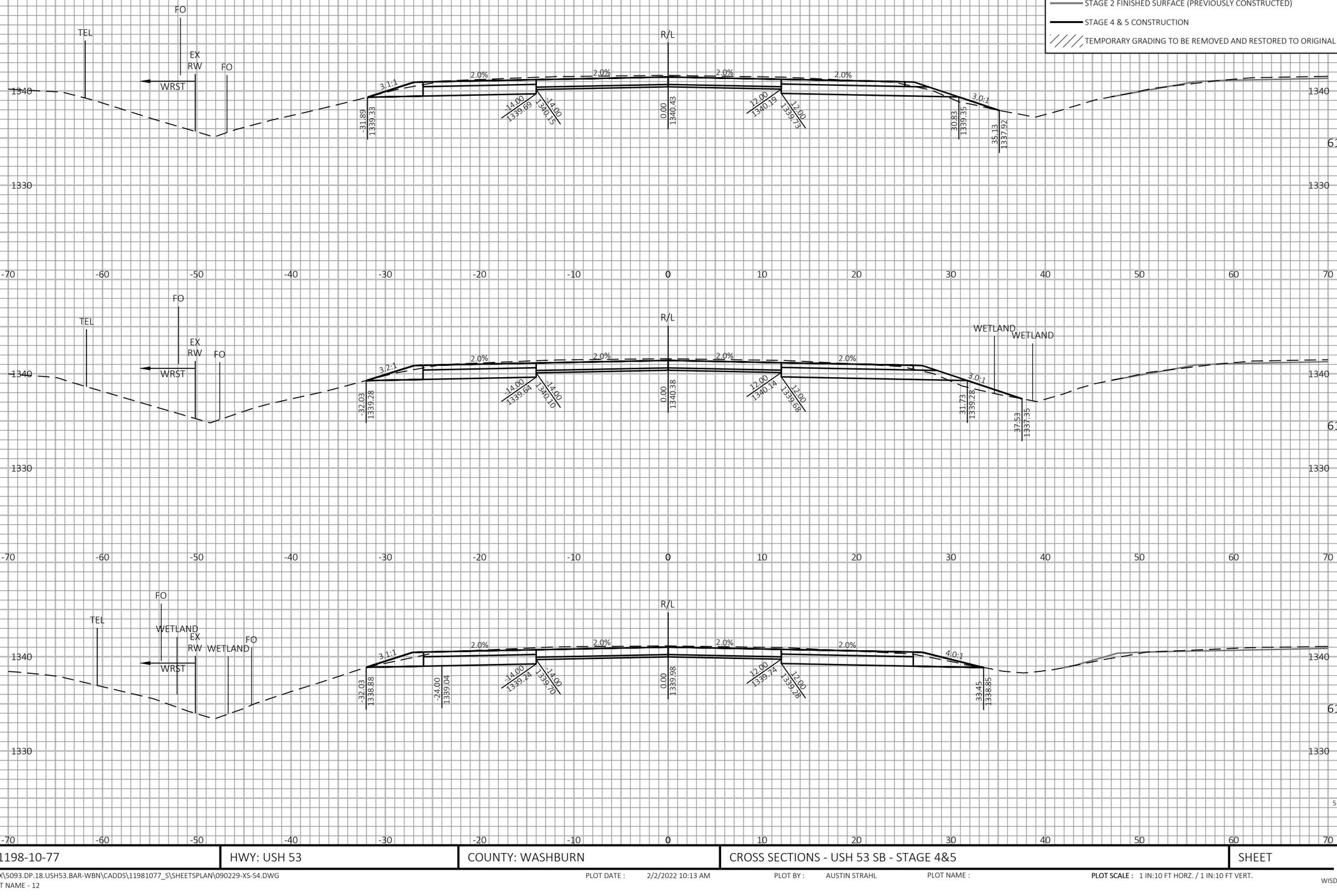
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 897	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 12

PLOT DATE : 2/2/2022 10:13 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

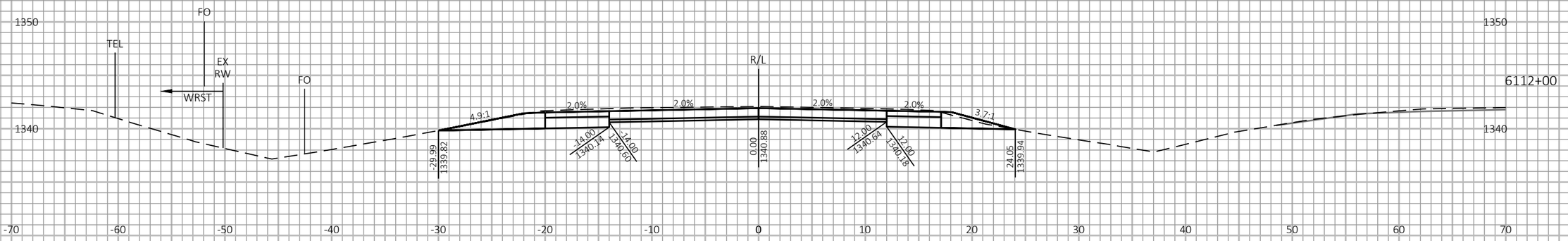
EXISTING GROUND

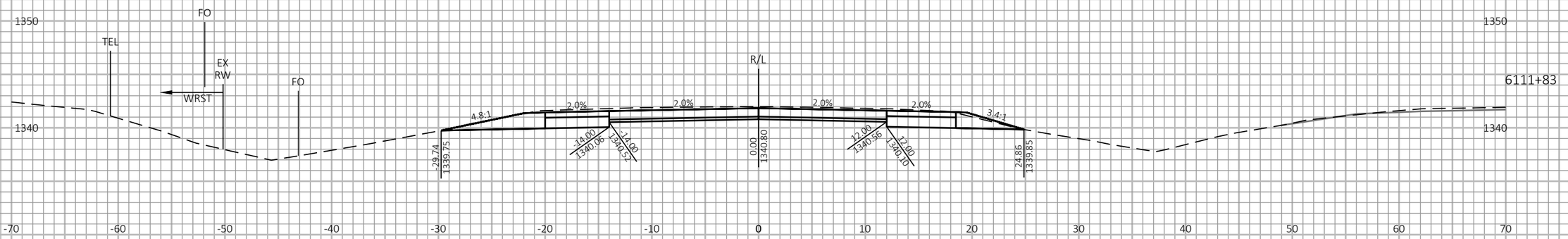
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

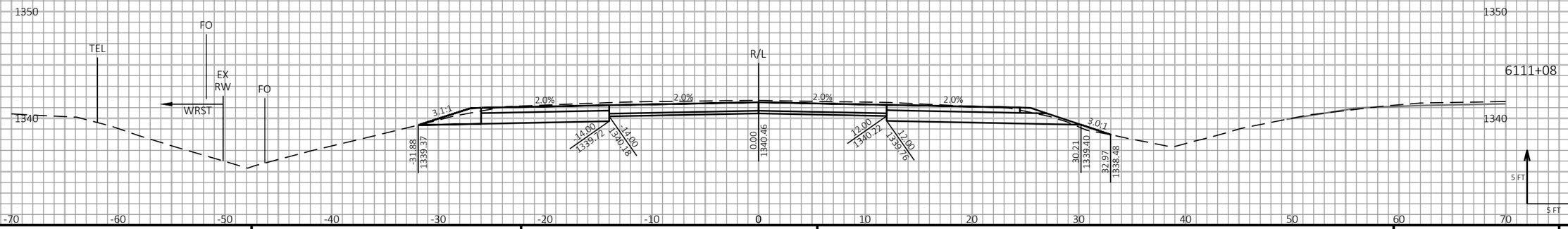
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 898	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 13

PLOT DATE : 2/2/2022 10:13 AM

PLOT BY : AUSTIN STRAHL

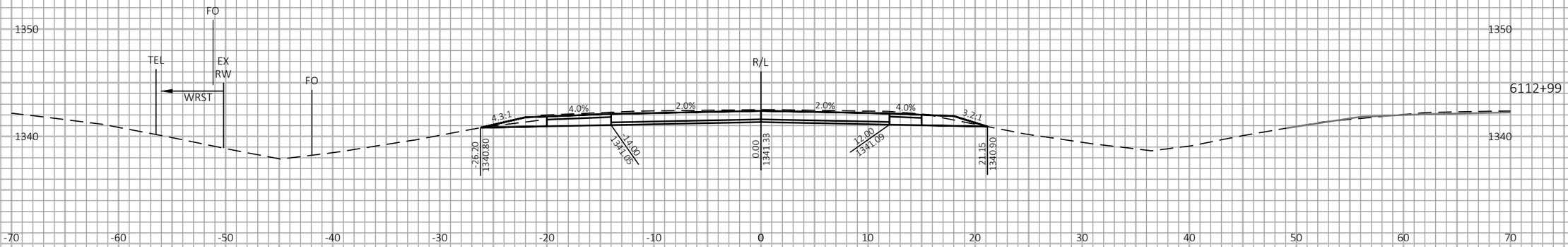
PLOT NAME :

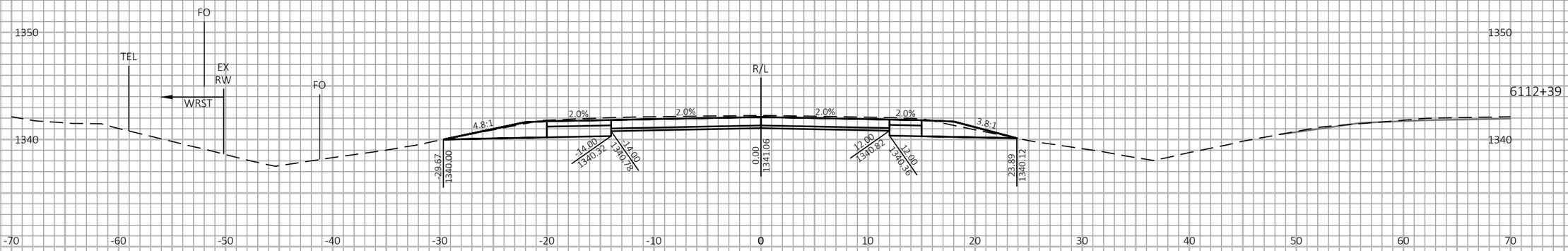
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

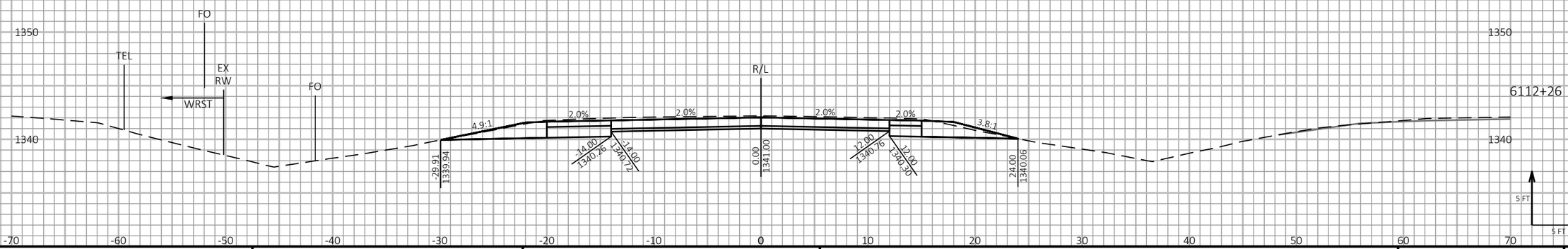
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 899	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 14

PLOT DATE : 2/2/2022 10:14 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

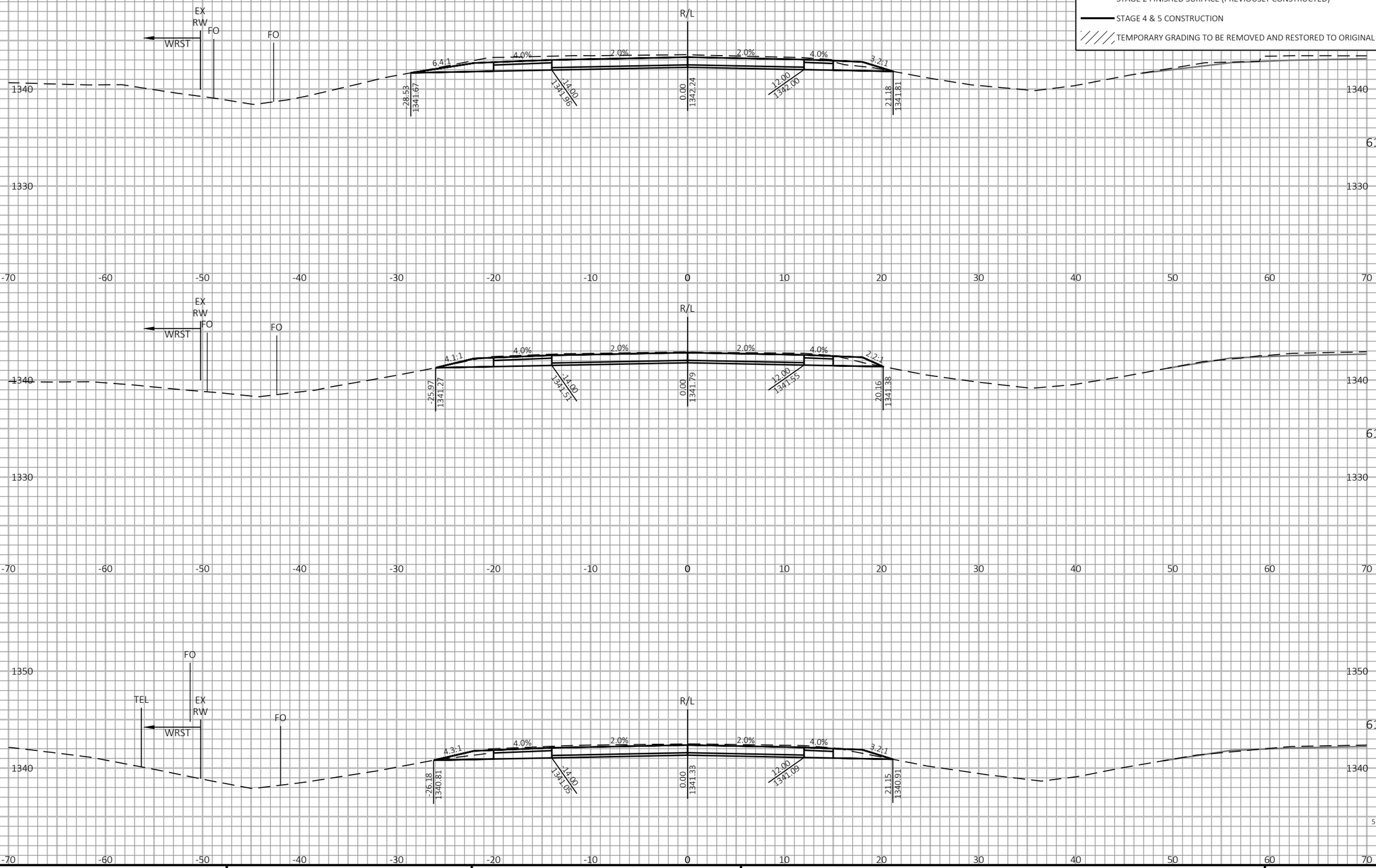
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 900	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 15

PLOT DATE : 2/2/2022 10:14 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

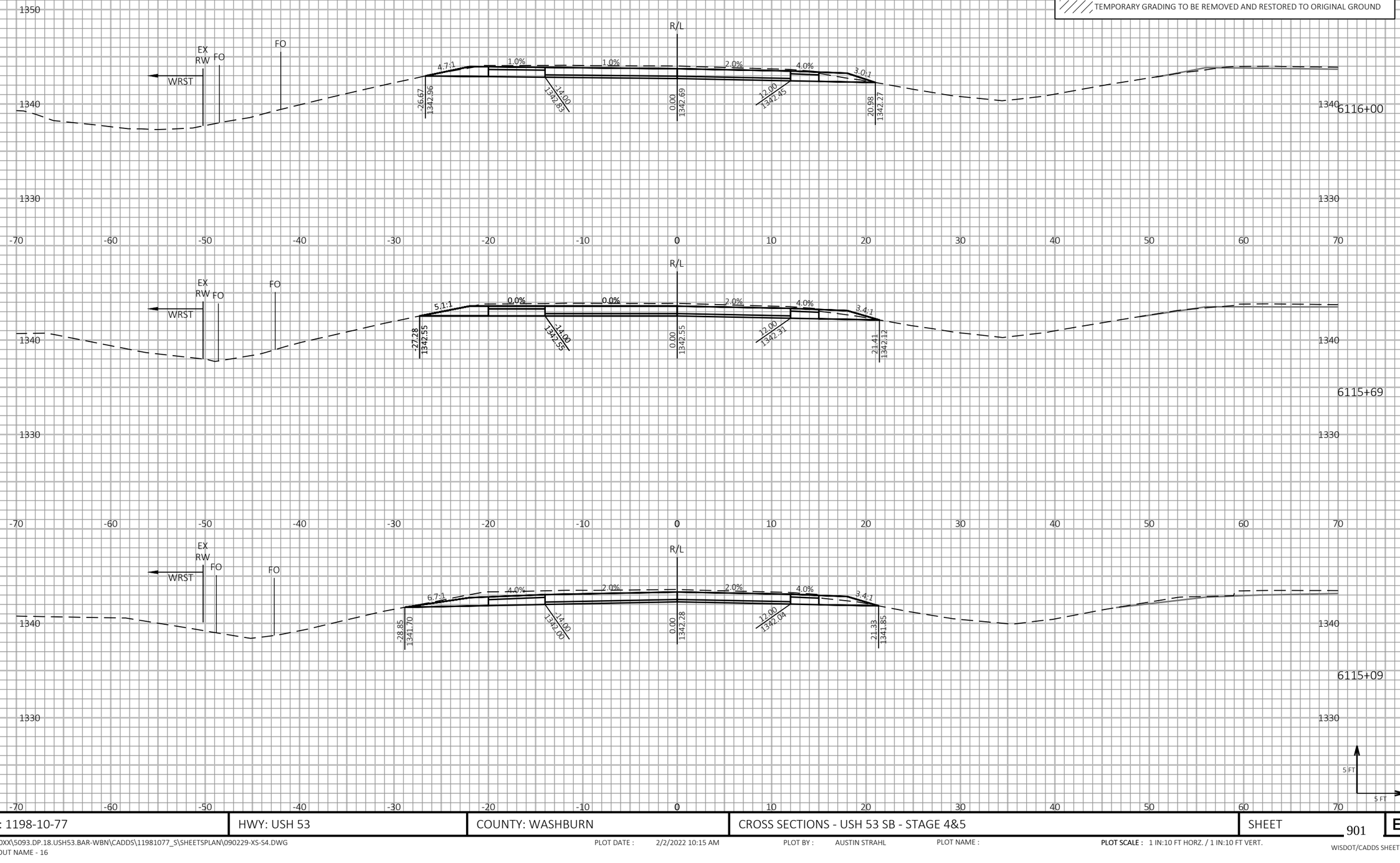
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 901	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 16

PLOT DATE : 2/2/2022 10:15 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

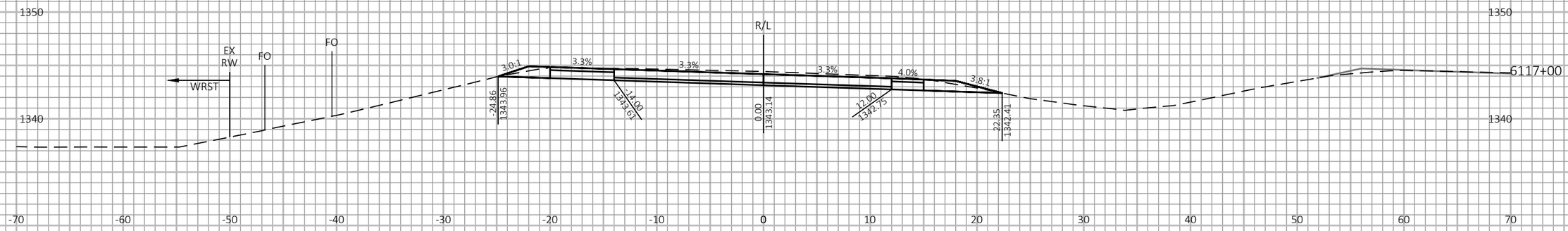
EXISTING GROUND

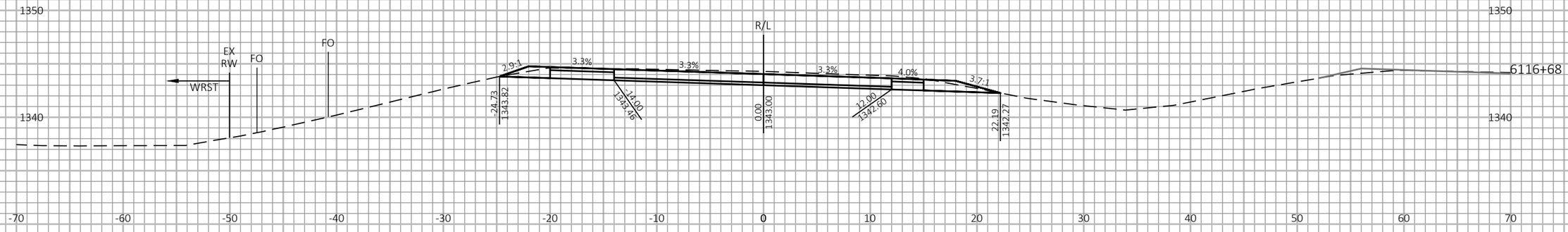
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

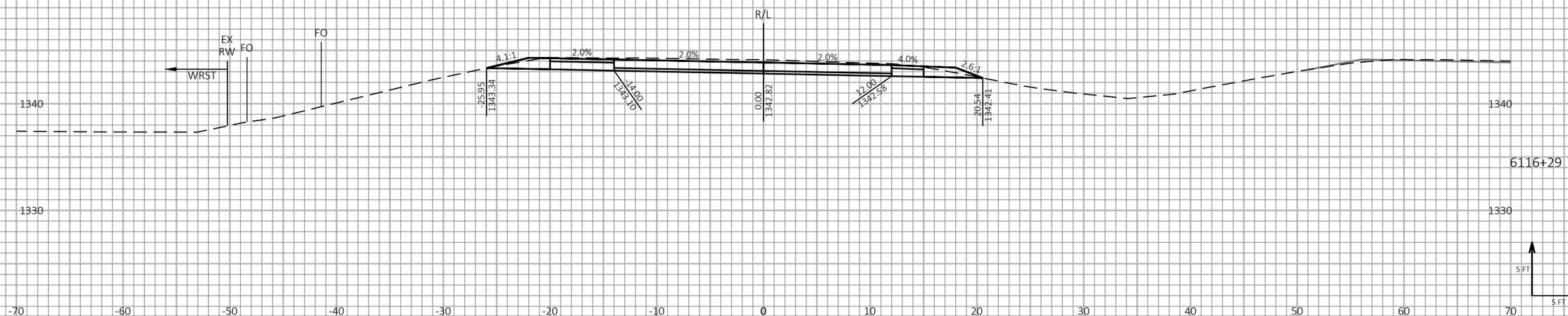
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 902	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 17

PLOT DATE : 2/2/2022 10:15 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

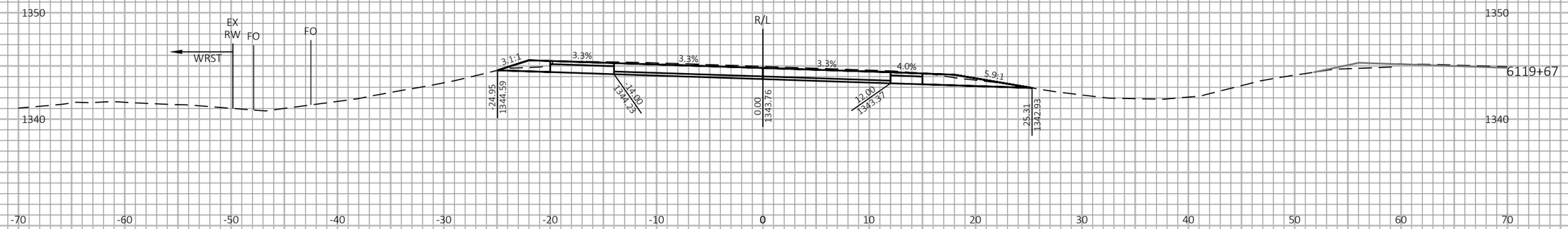
EXISTING GROUND

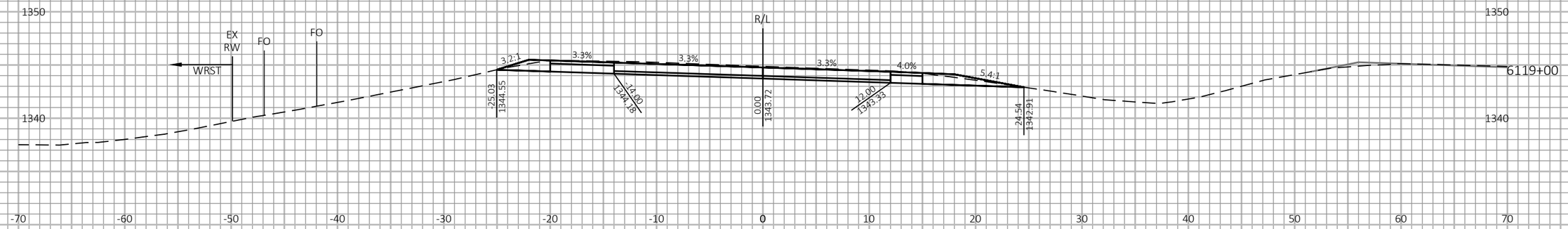
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

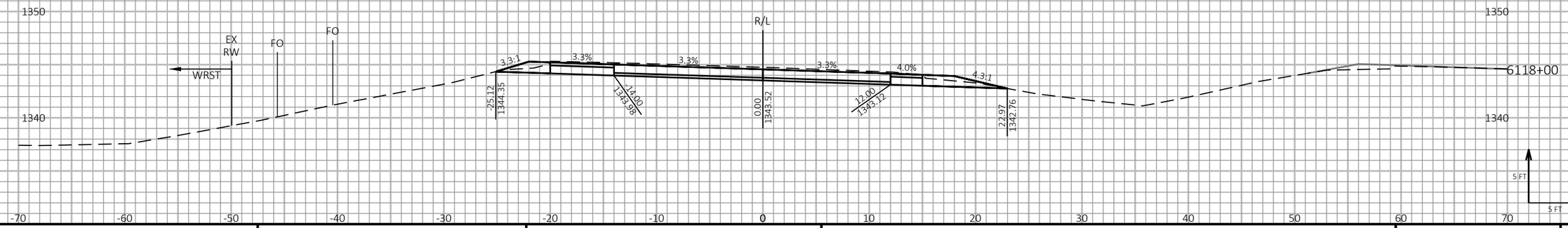
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 903	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 18

PLOT DATE : 2/2/2022 10:16 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

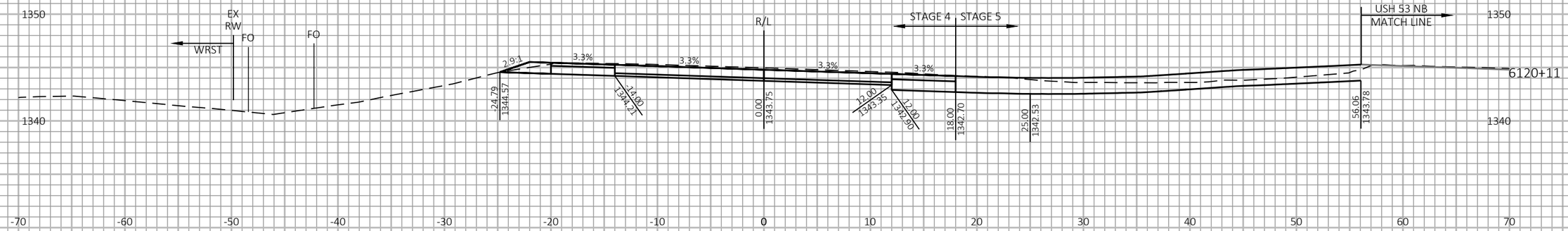
EXISTING GROUND

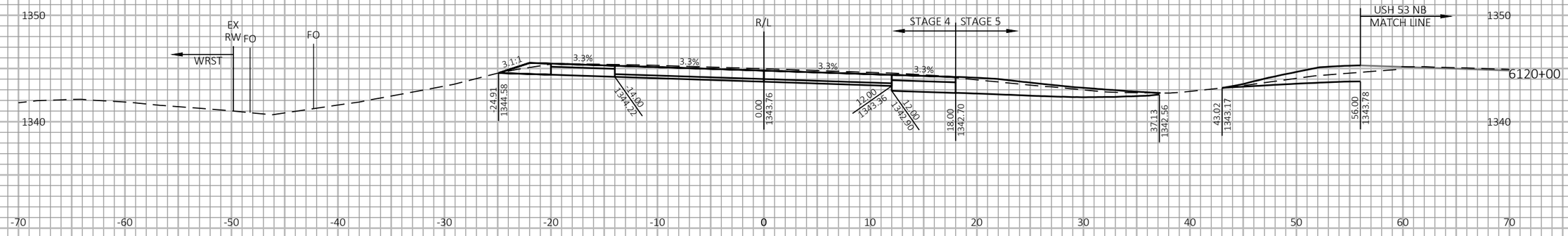
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

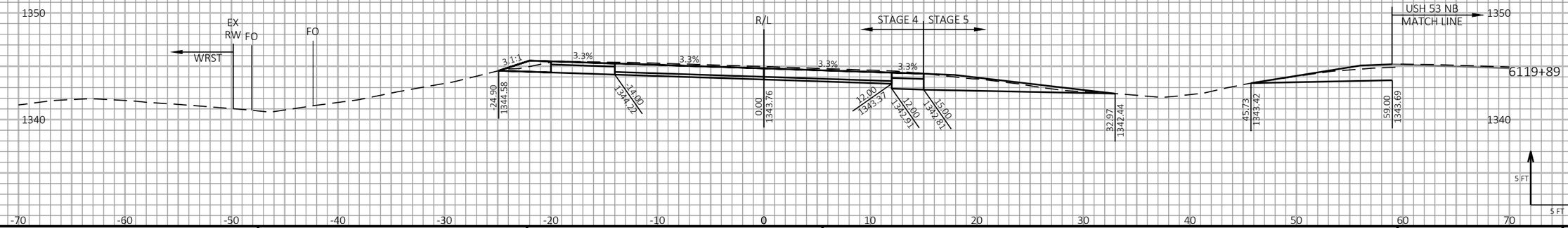
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 904	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 19

PLOT DATE : 2/2/2022 10:17 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

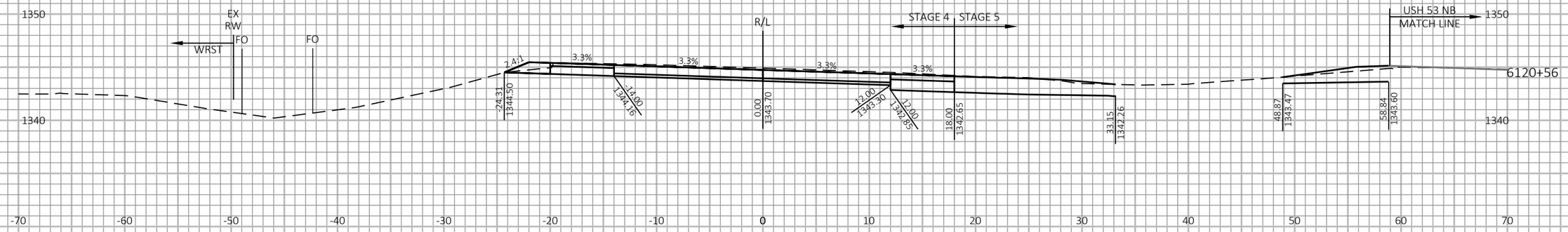
EXISTING GROUND

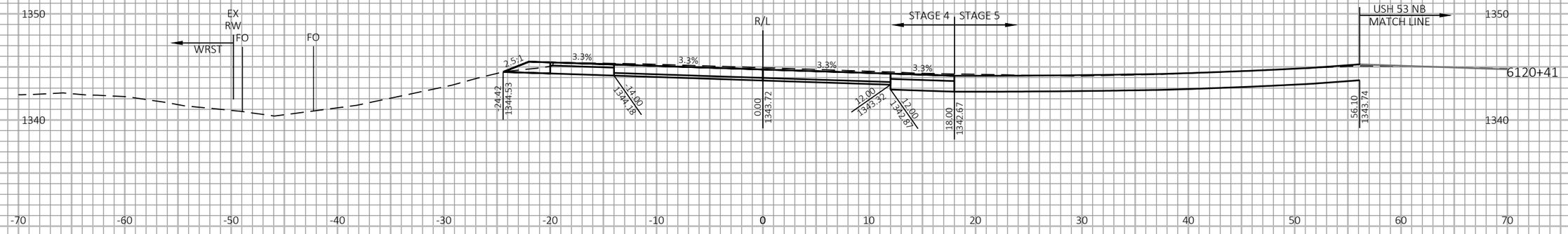
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

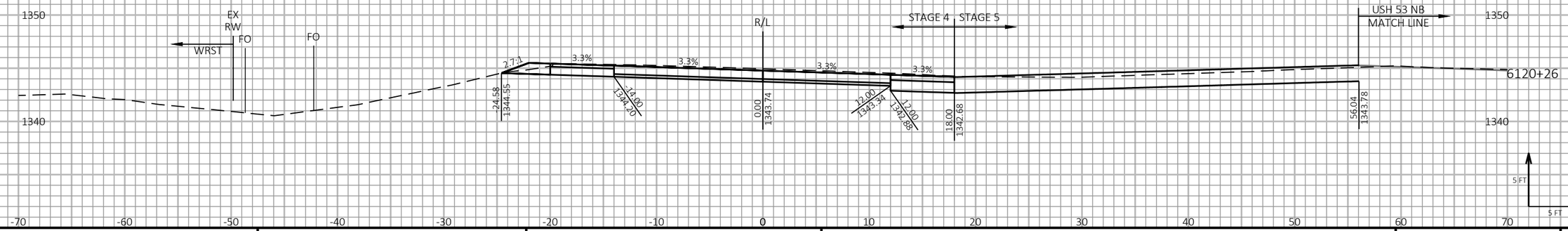
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 905	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 20

PLOT DATE : 2/2/2022 10:17 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

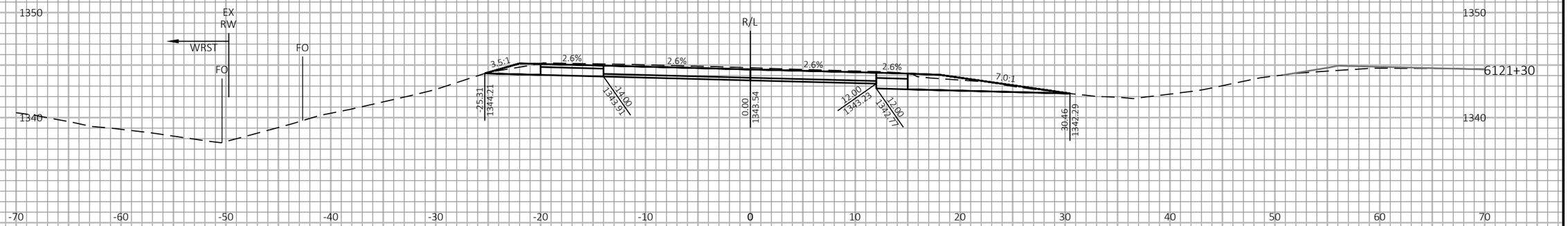
EXISTING GROUND

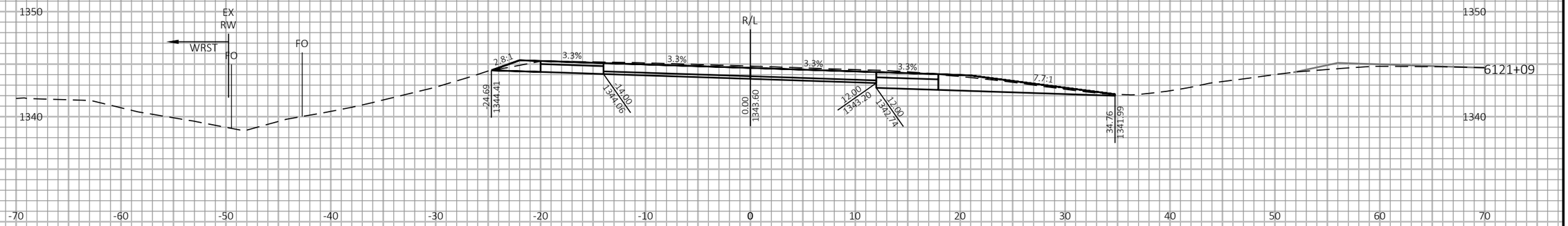
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

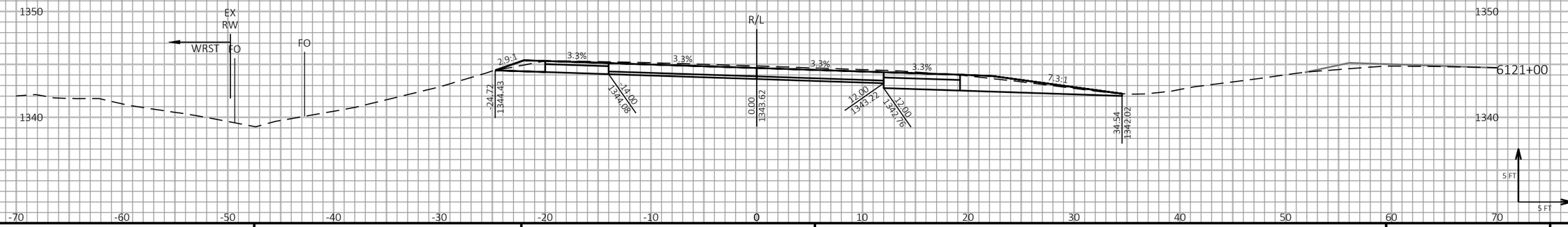
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 906	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 21

PLOT DATE : 2/2/2022 10:18 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

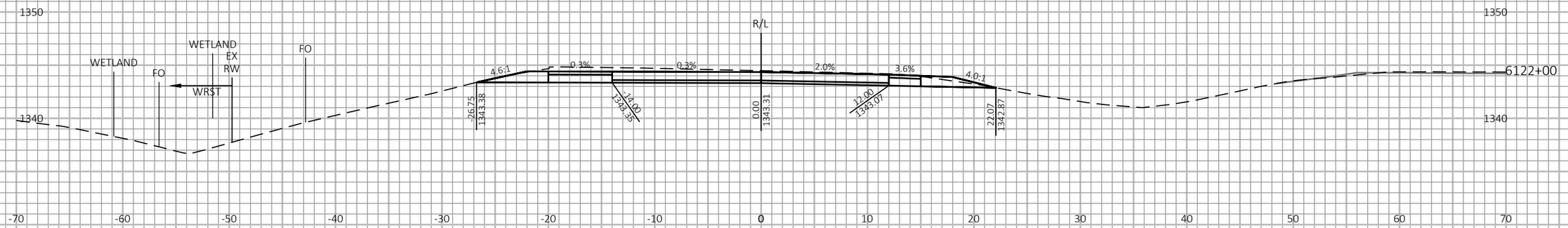
EXISTING GROUND

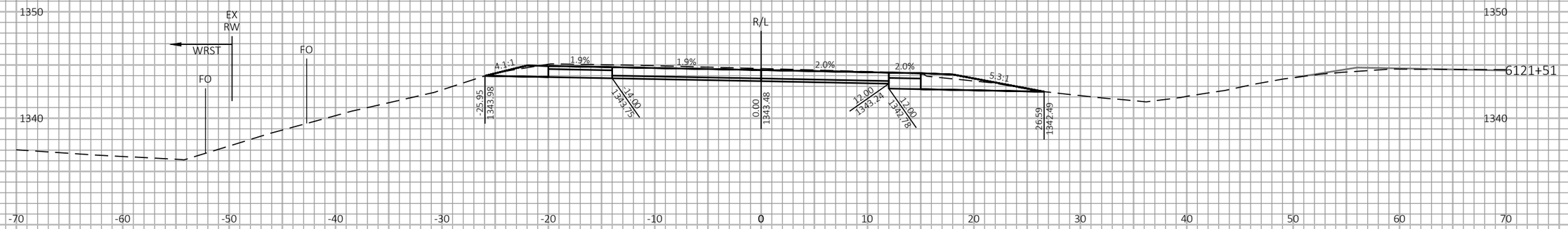
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

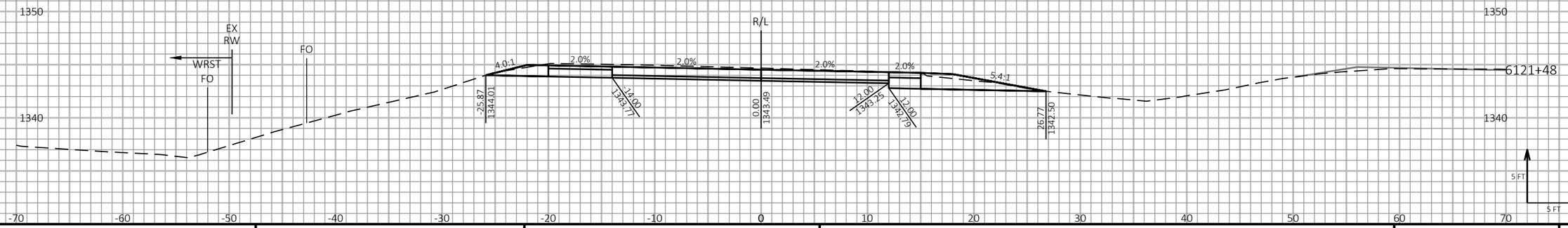
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 907	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 22

PLOT DATE : 2/2/2022 10:18 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

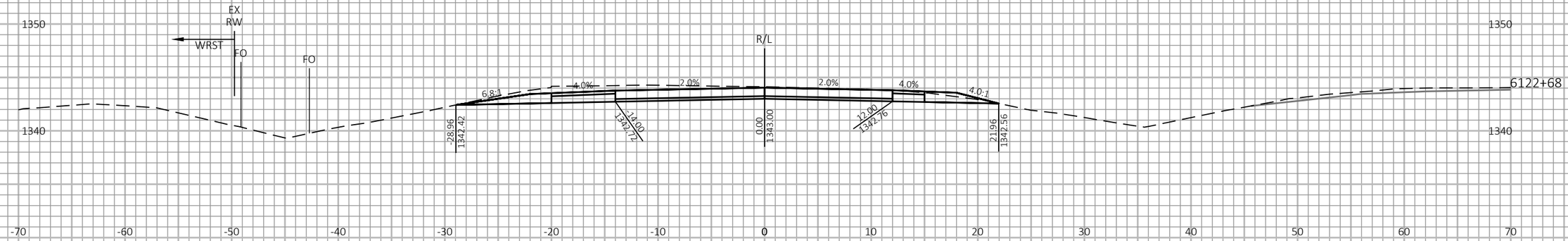
EXISTING GROUND

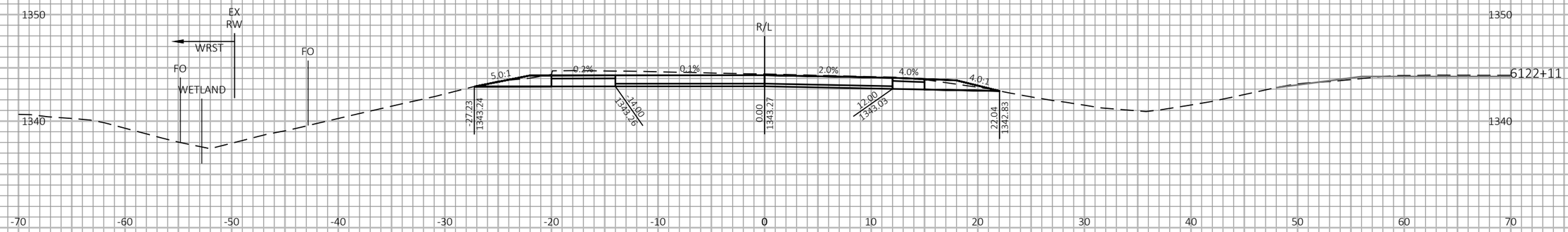
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

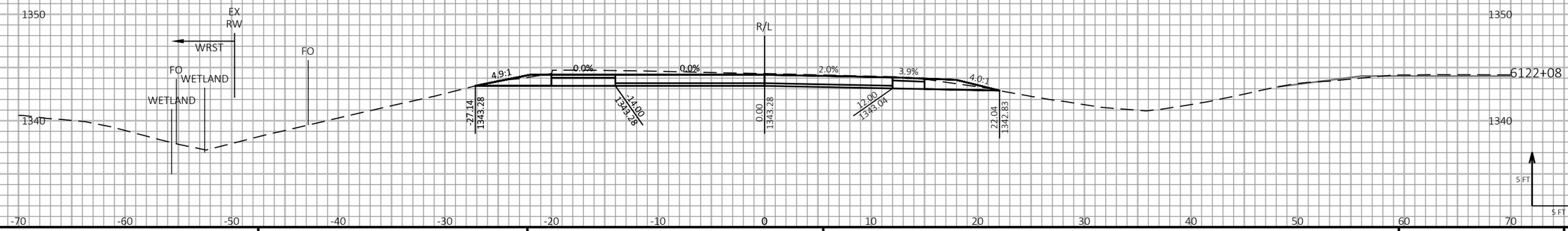
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 908	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 23

PLOT DATE : 2/2/2022 10:19 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

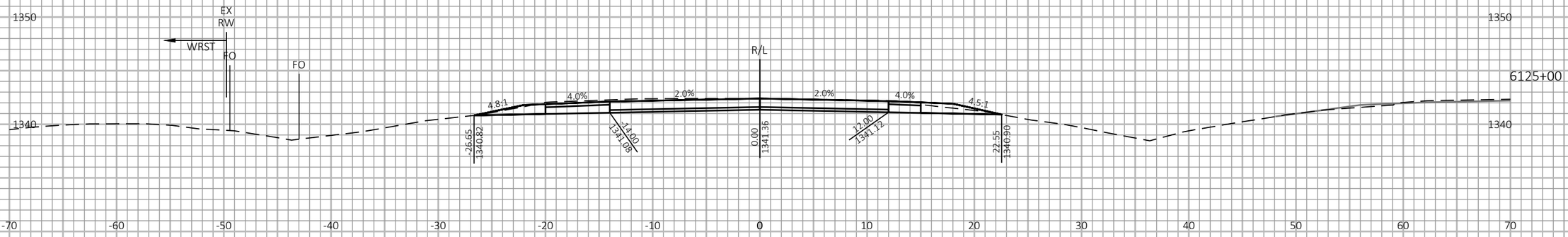
EXISTING GROUND

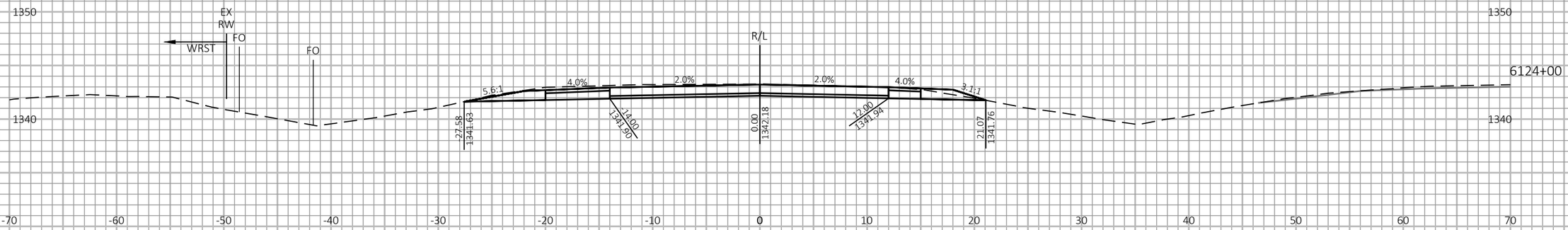
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

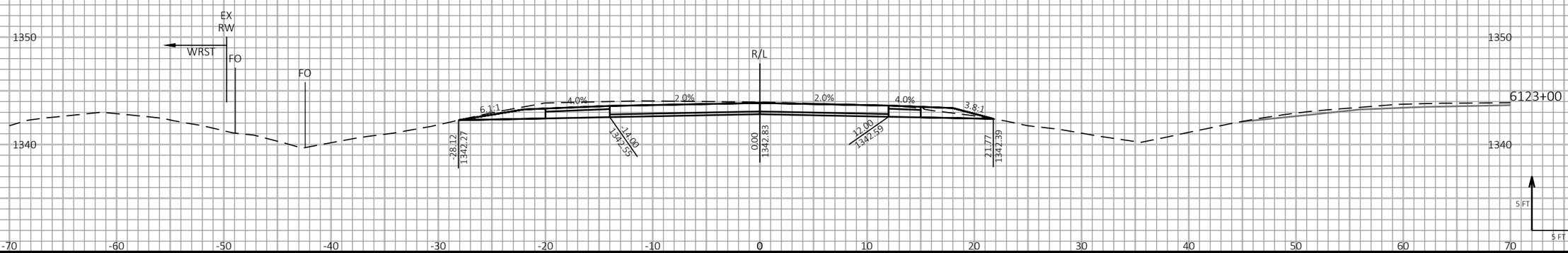
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 909	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 24

PLOT DATE : 2/2/2022 10:19 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

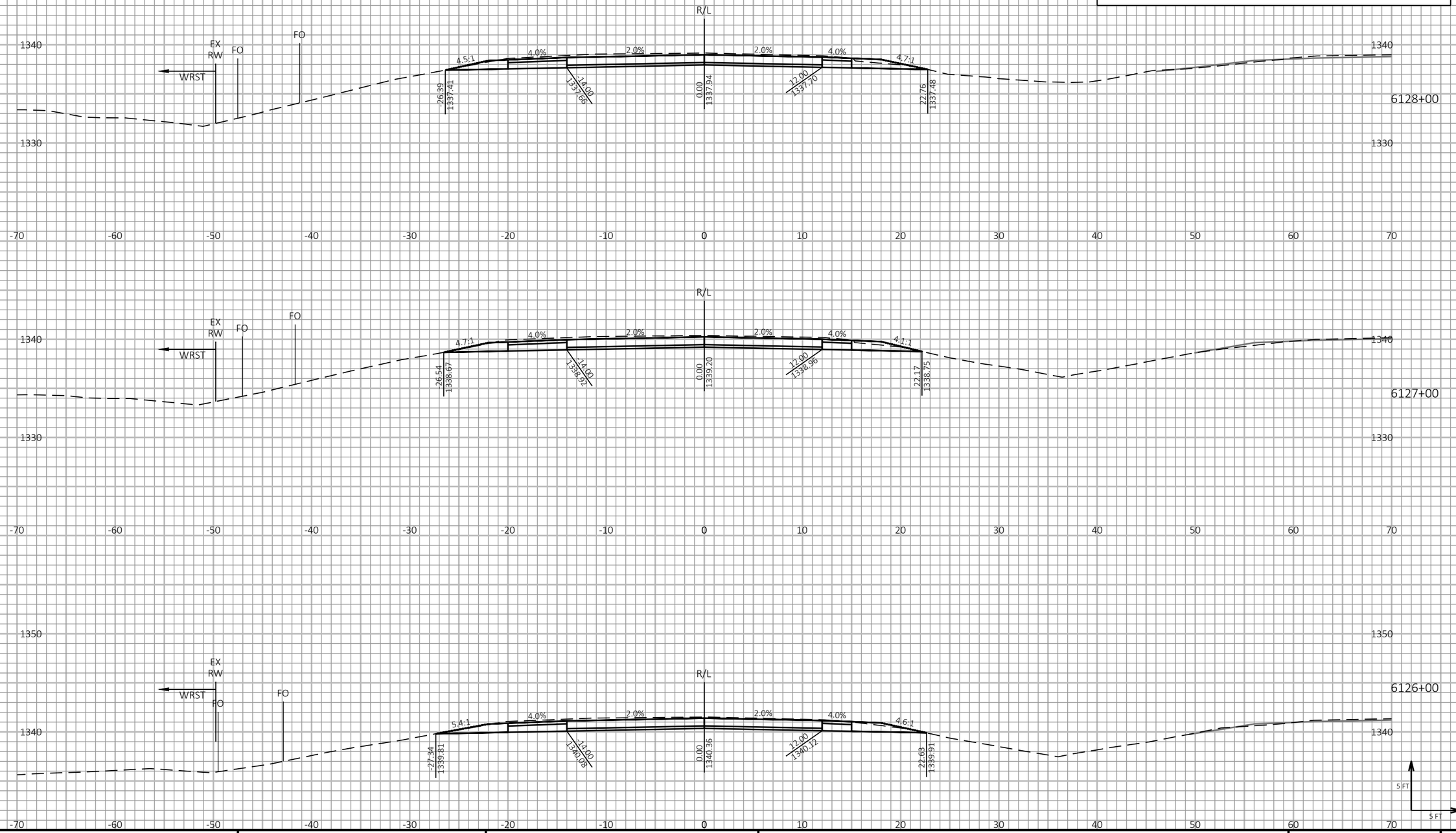
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 910	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 25

PLOT DATE : 2/2/2022 10:20 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

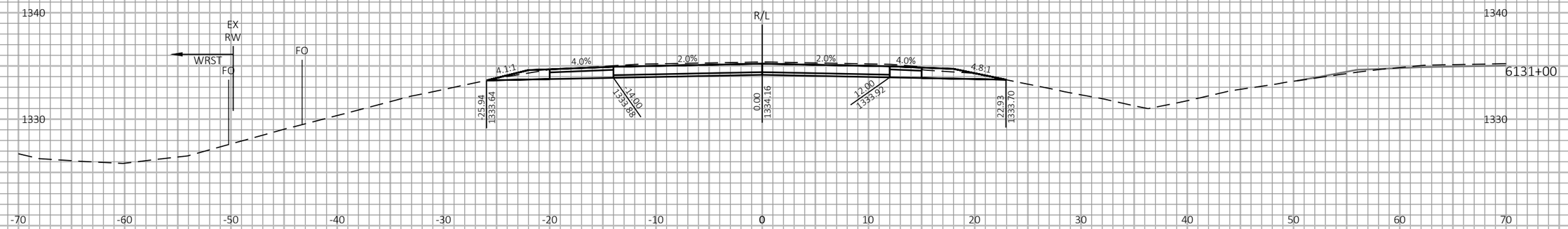
EXISTING GROUND

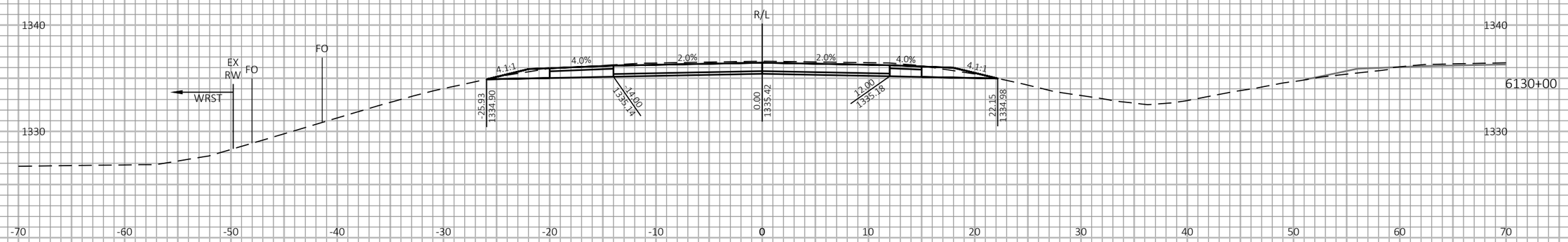
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

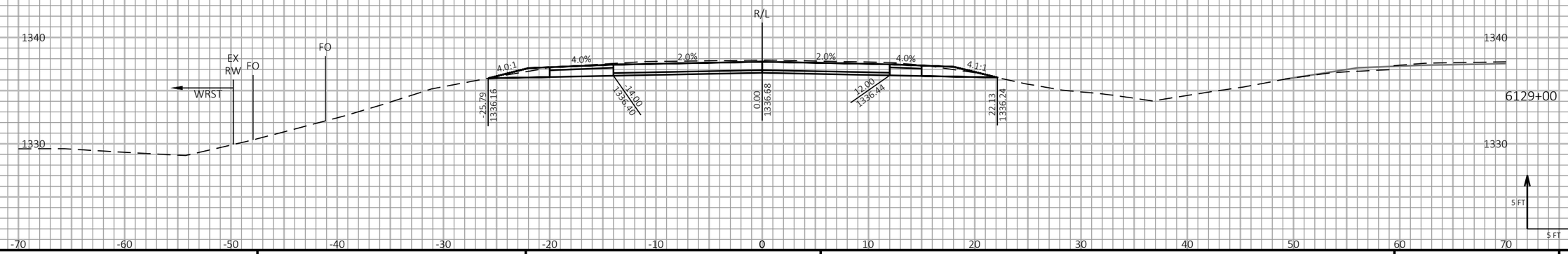
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 911	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 26

PLOT DATE : 2/2/2022 10:20 AM

PLOT BY : AUSTIN STRAHL

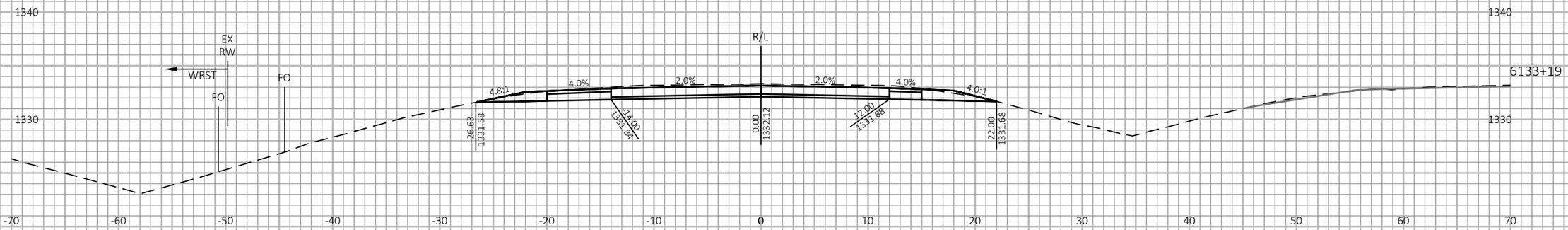
PLOT NAME :

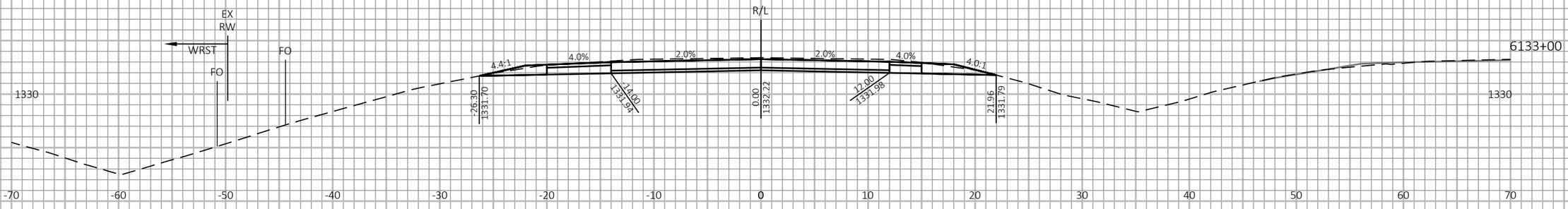
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

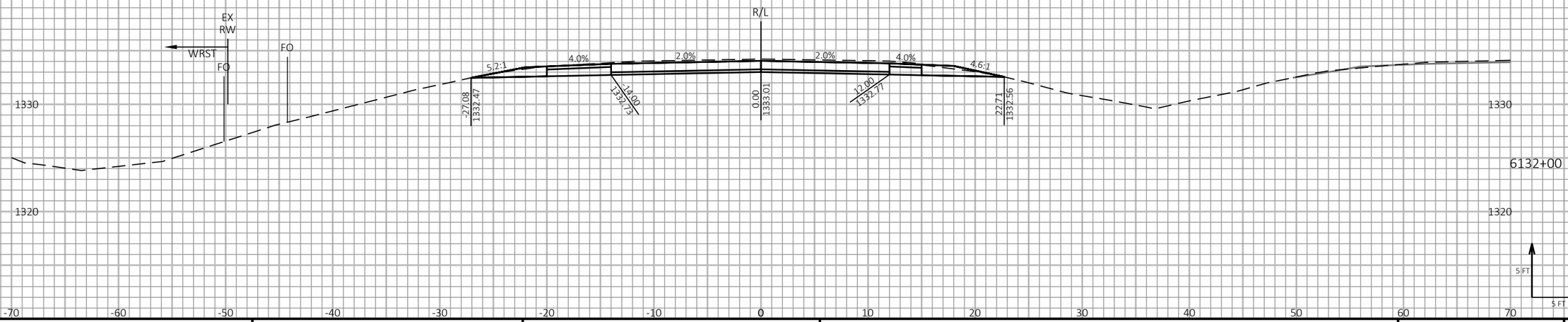
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 912	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 27

PLOT DATE : 2/2/2022 10:21 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

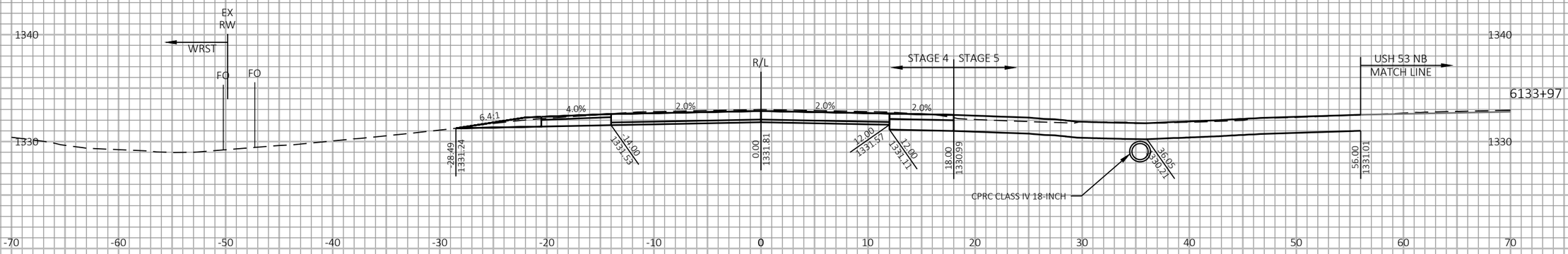
EXISTING GROUND

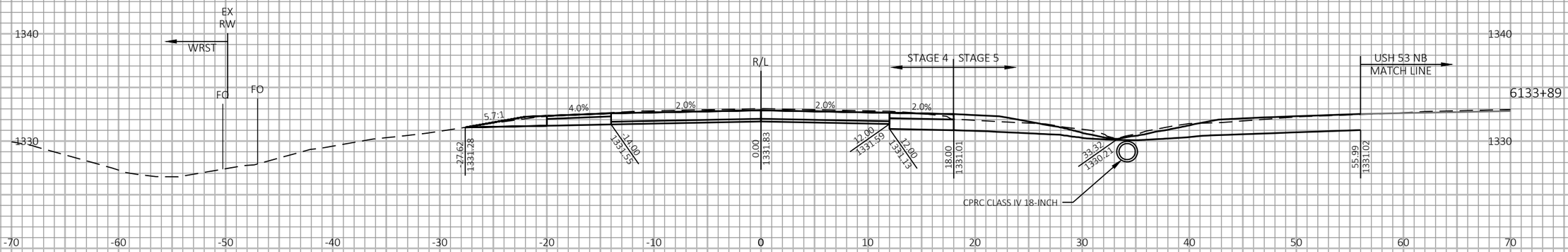
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

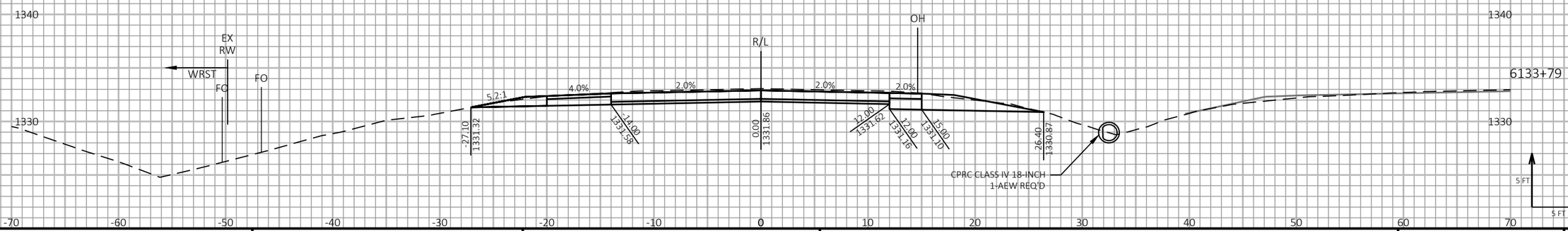
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 913	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 28

PLOT DATE : 2/2/2022 10:21 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

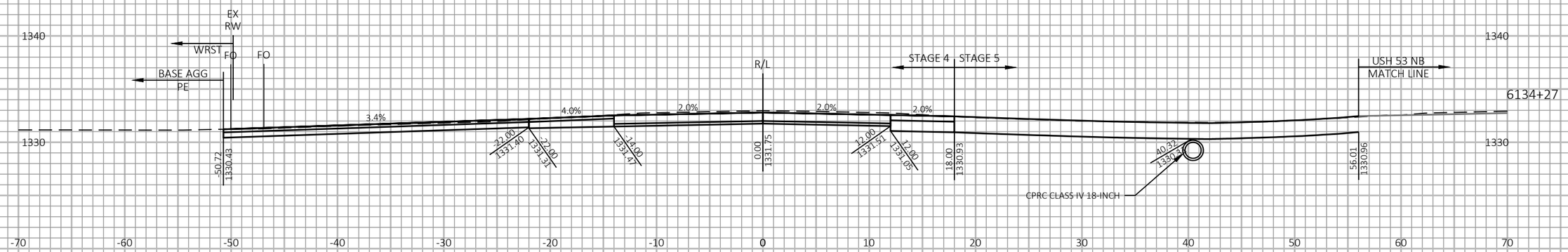
EXISTING GROUND

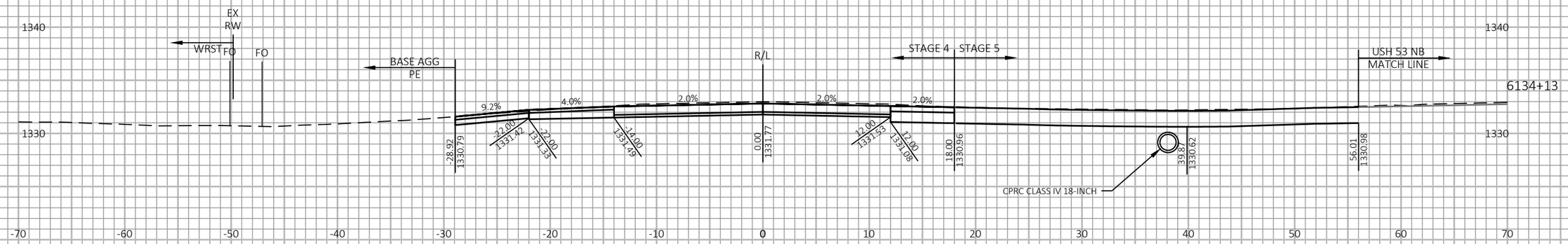
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

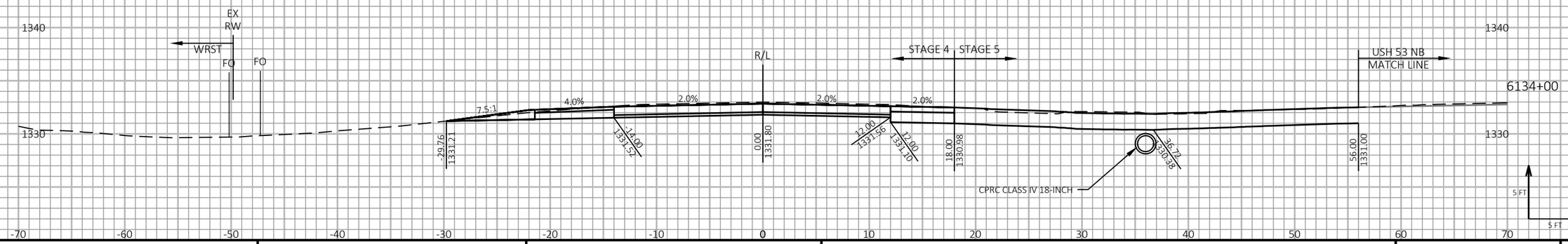
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 914	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 29

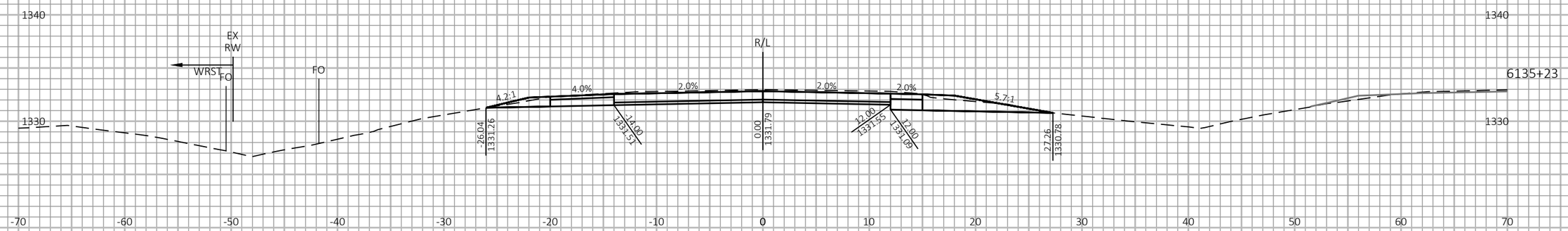
PLOT DATE : 2/2/2022 10:22 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

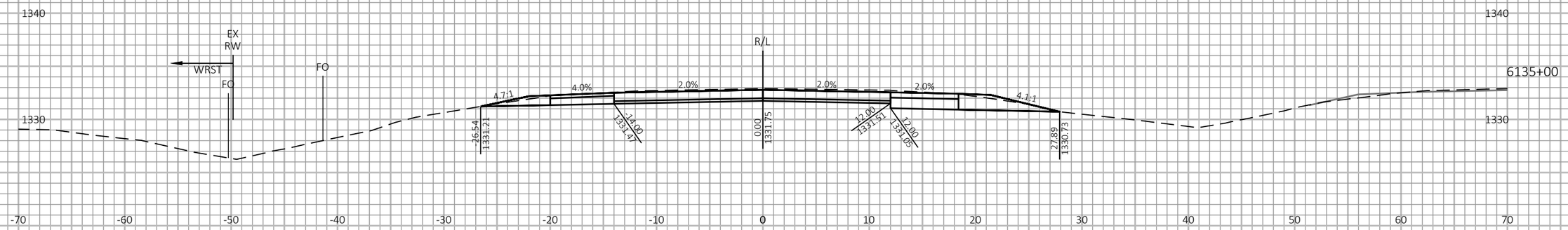
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

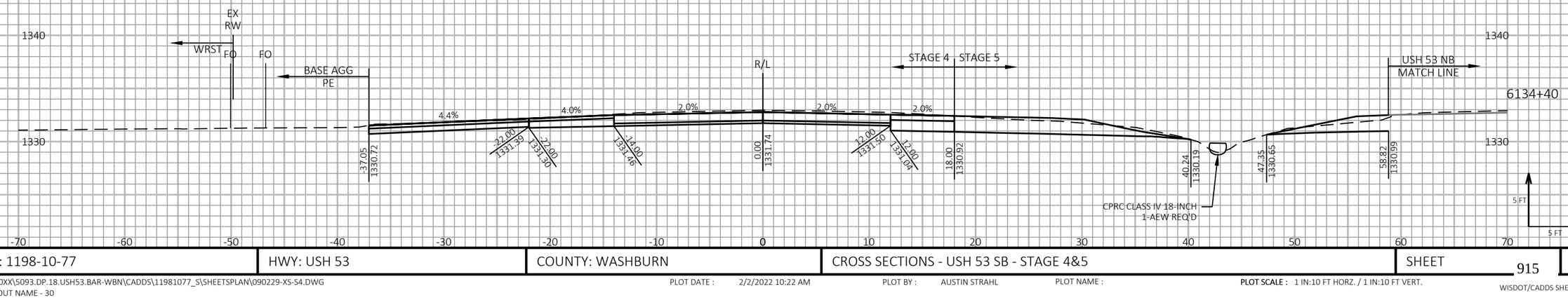
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 915	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 30

PLOT DATE : 2/2/2022 10:22 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

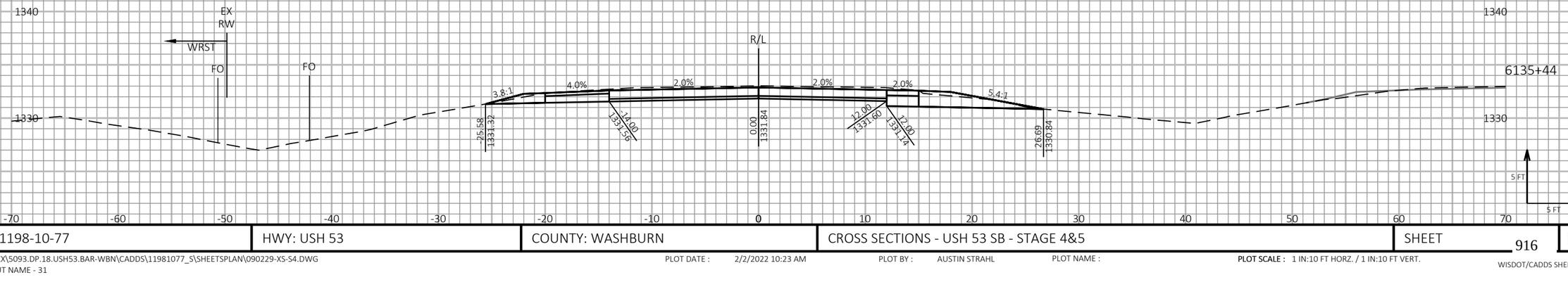
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 916	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 31

PLOT DATE : 2/2/2022 10:23 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

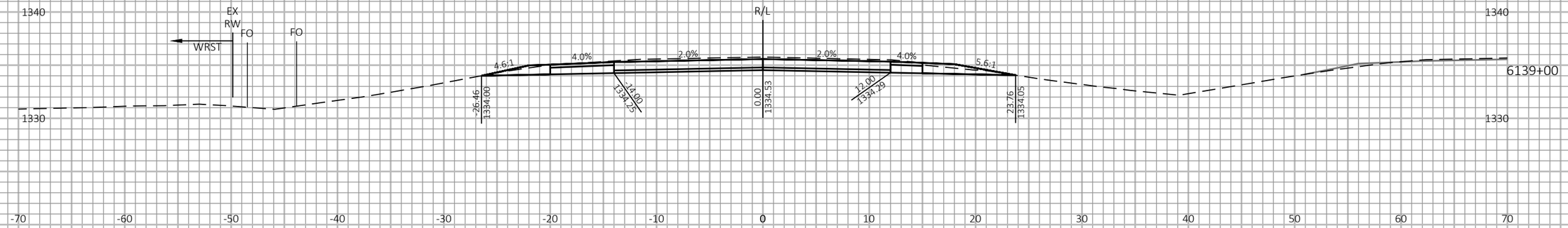
EXISTING GROUND

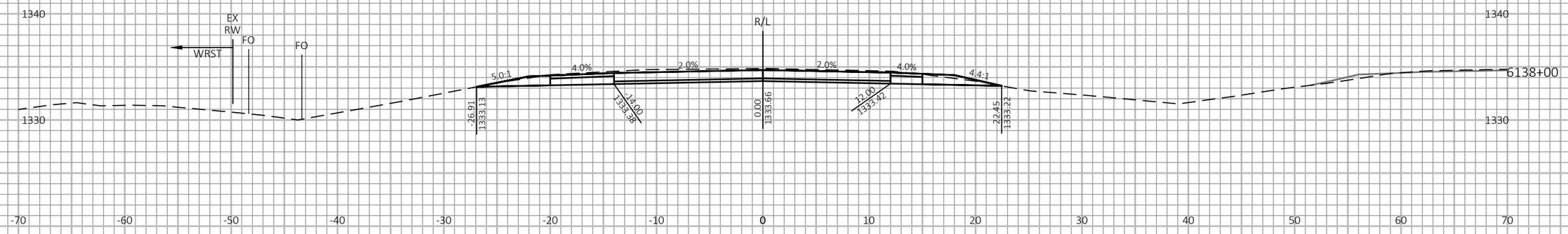
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

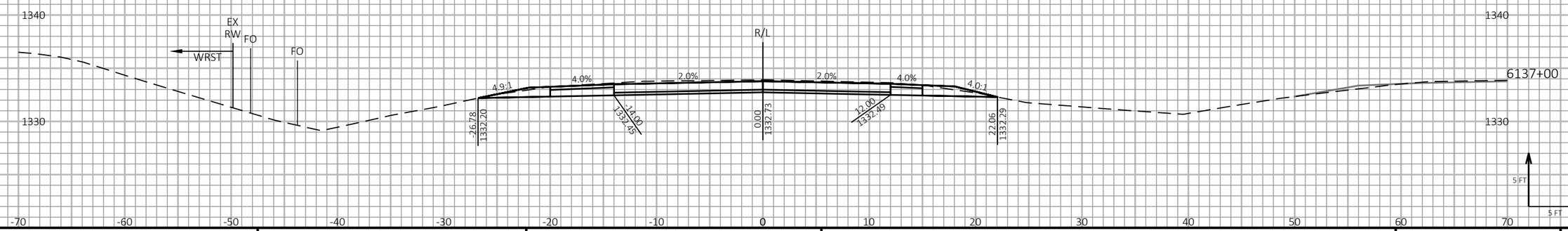
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 917	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 32

PLOT DATE : 2/2/2022 10:23 AM

PLOT BY : AUSTIN STRAHL

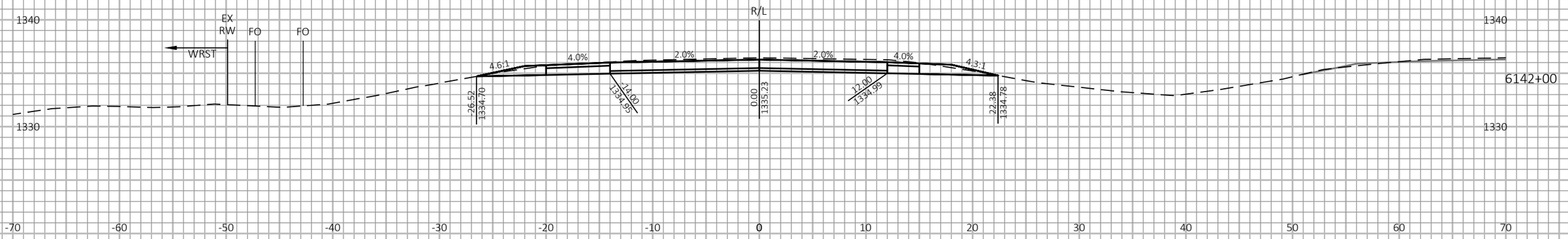
PLOT NAME :

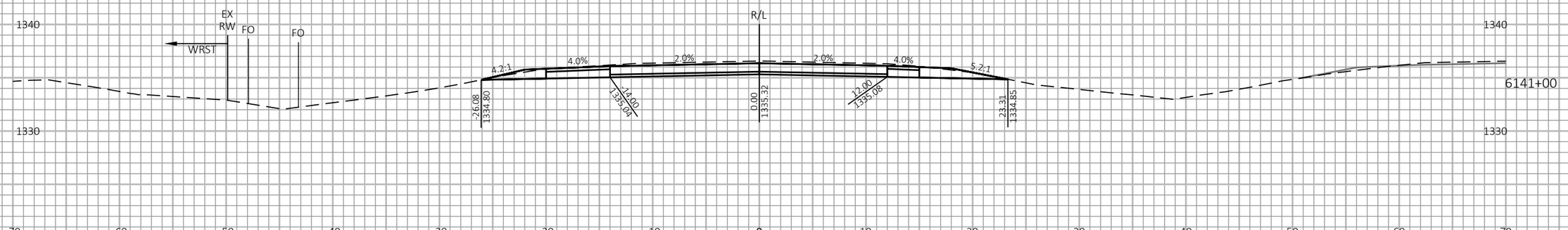
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

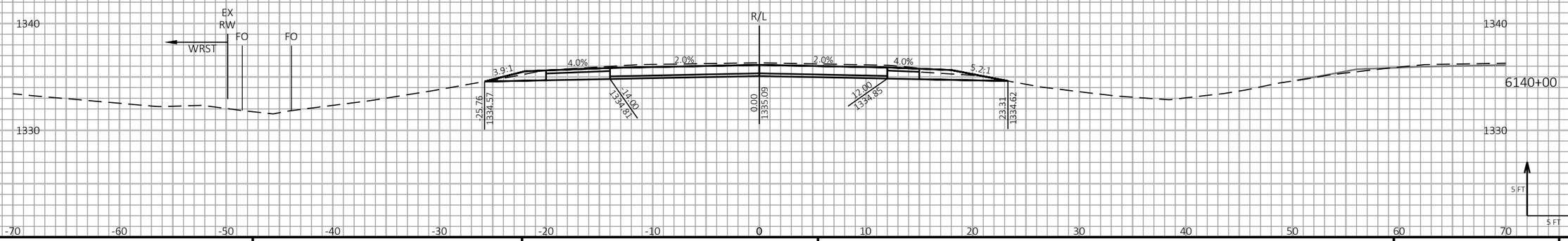
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 918	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 33

PLOT DATE : 2/2/2022 10:24 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

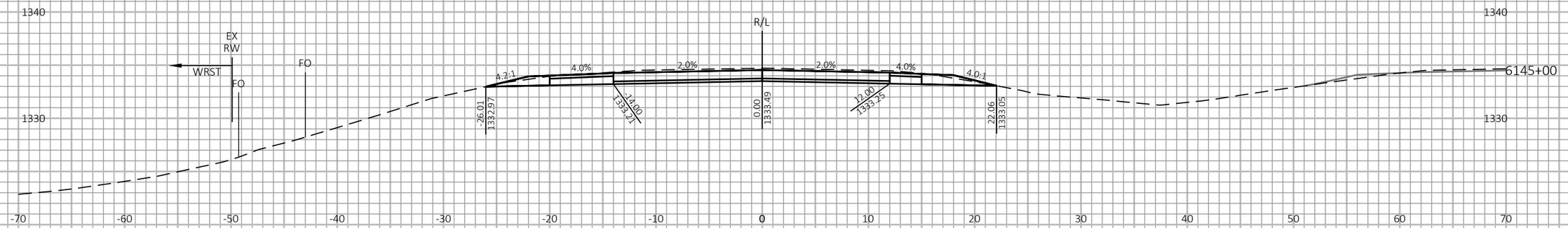
EXISTING GROUND

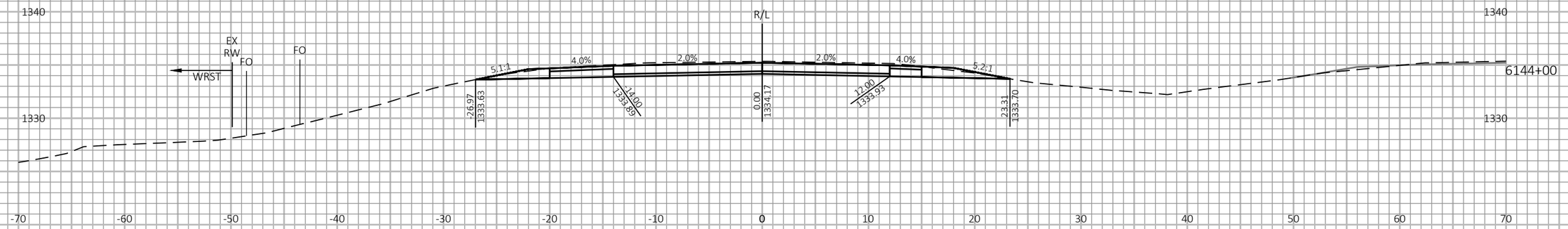
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

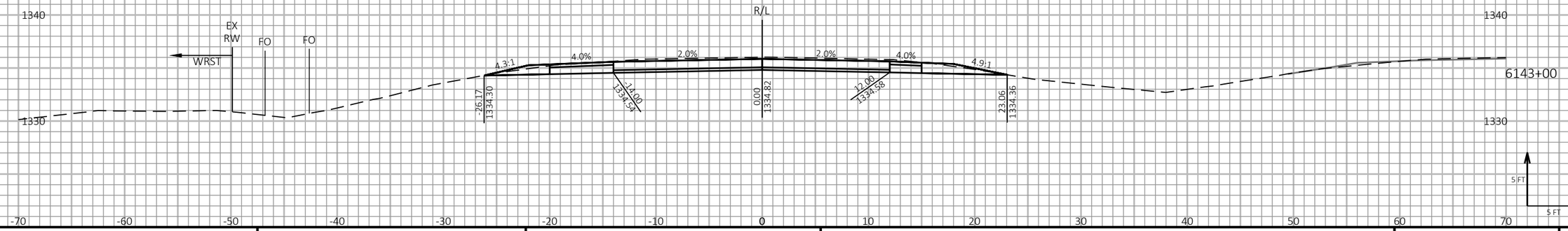
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 919	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 34

PLOT DATE : 2/2/2022 10:24 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

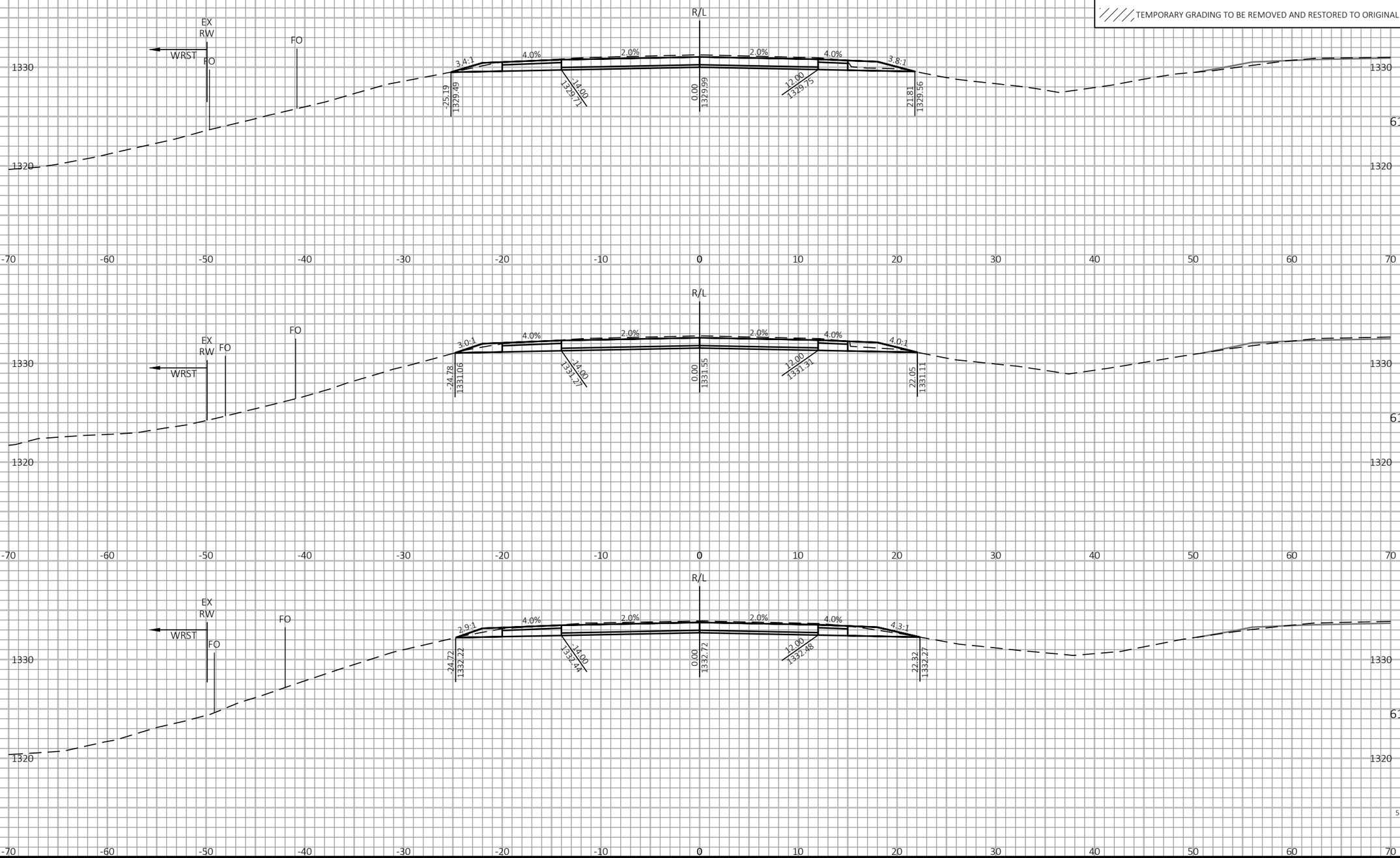
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 920	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 35

PLOT DATE : 2/2/2022 10:25 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

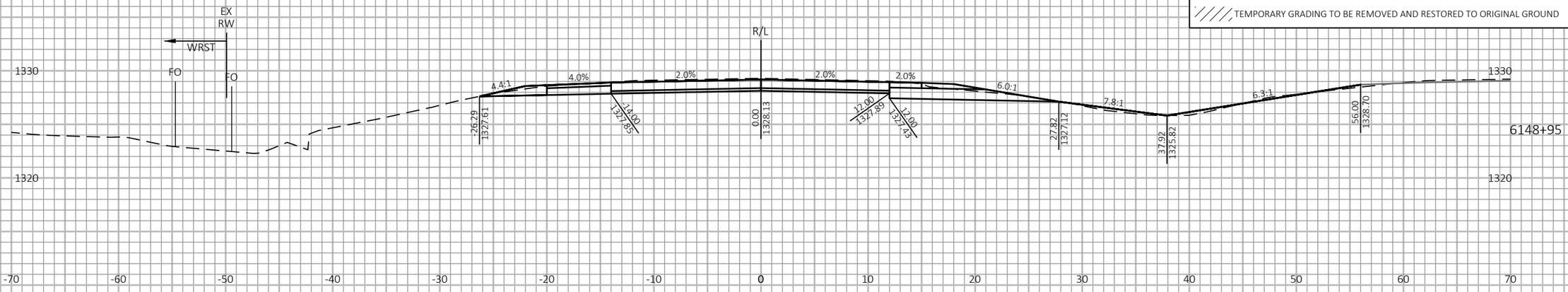
EXISTING GROUND

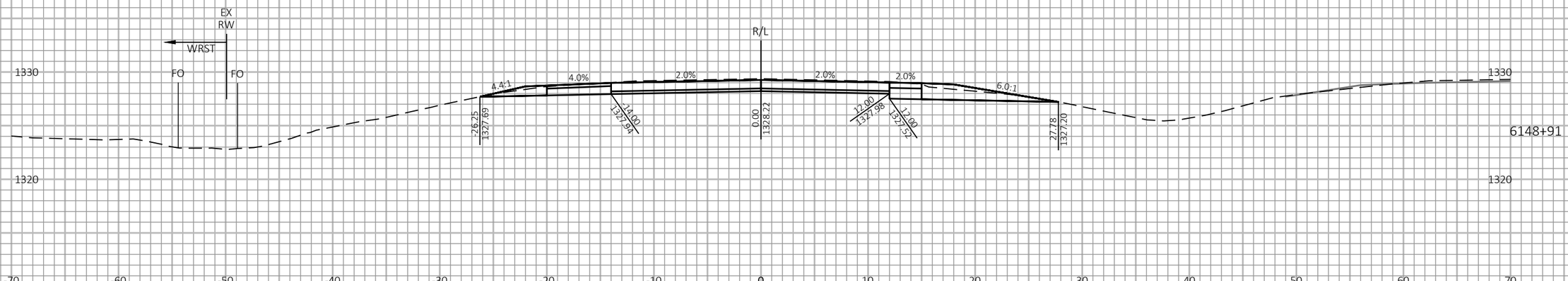
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

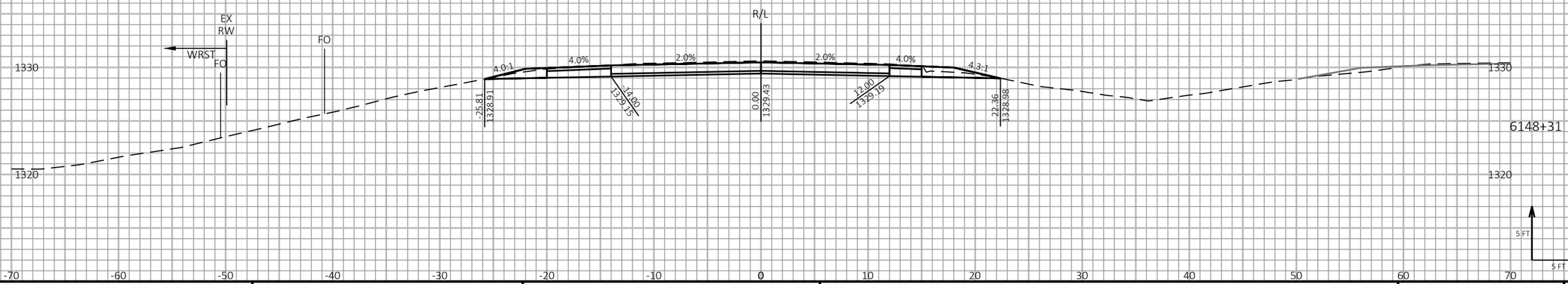
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







9

9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 921	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 36

PLOT DATE : 2/2/2022 10:25 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

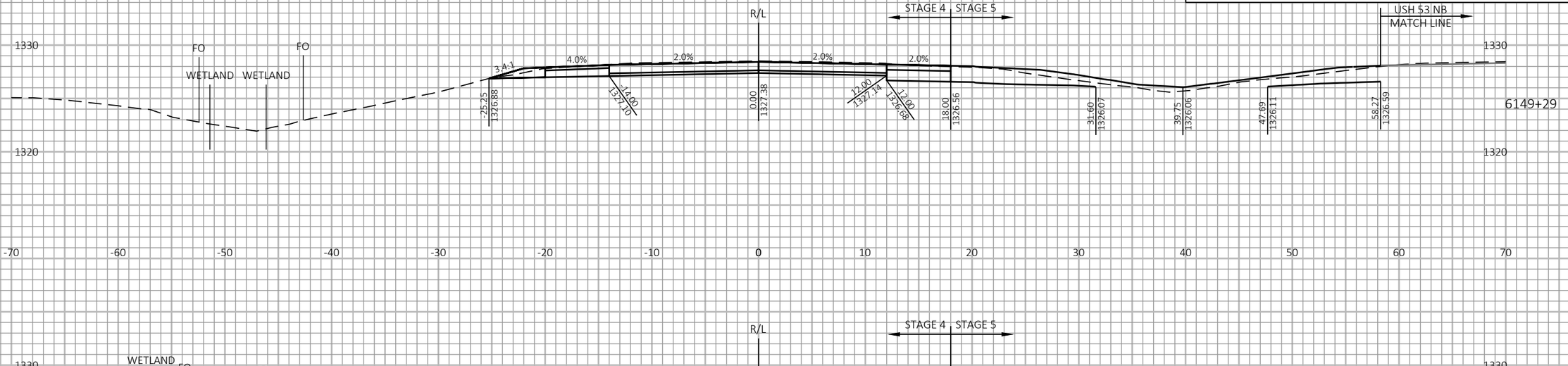
EXISTING GROUND

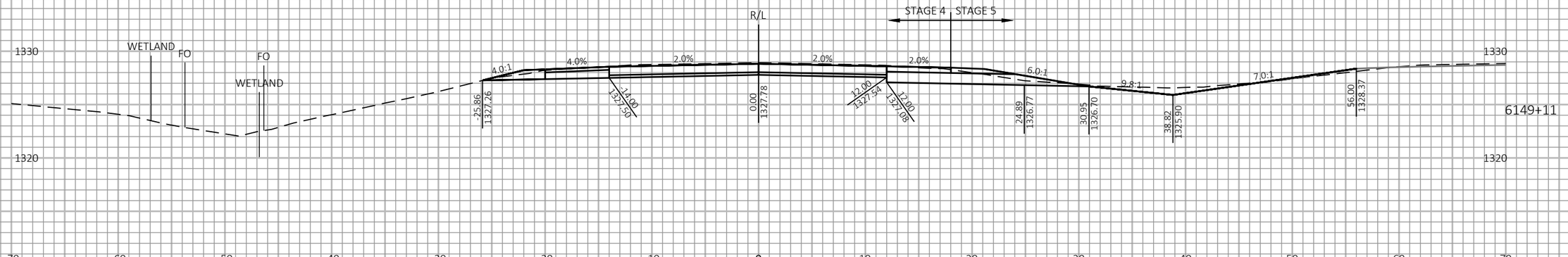
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

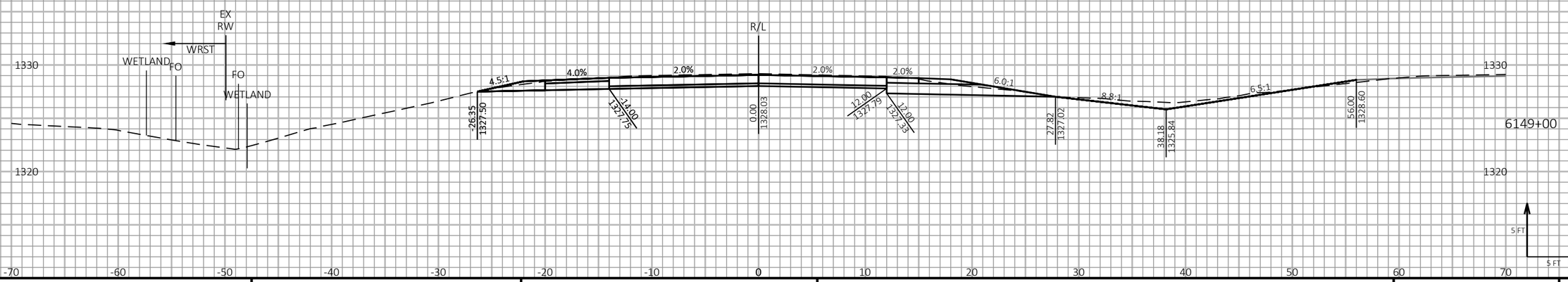
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







9

9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 922	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 37

PLOT DATE : 2/2/2022 10:26 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

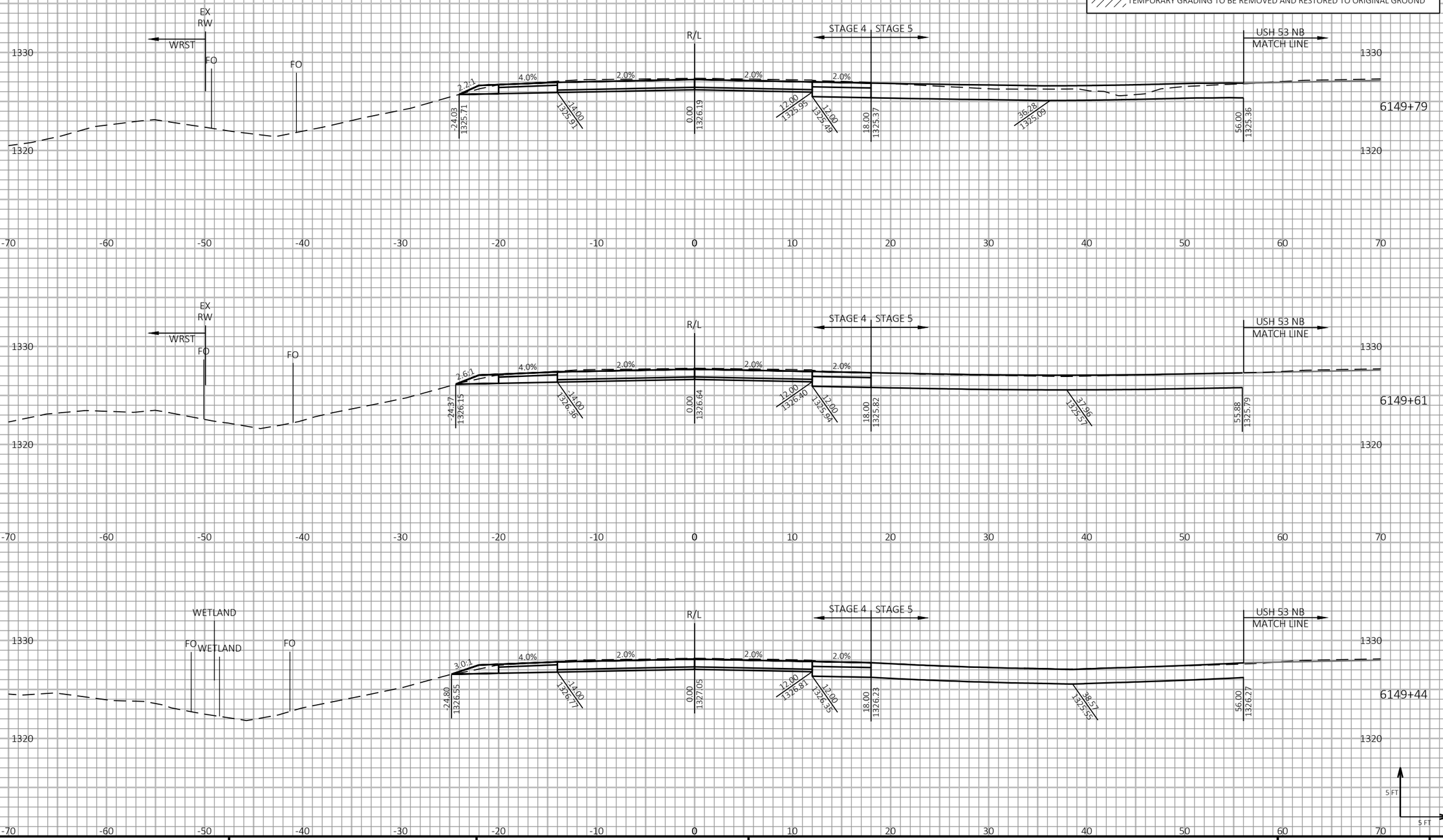
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



9

9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 923	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 38

PLOT DATE : 2/2/2022 10:26 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

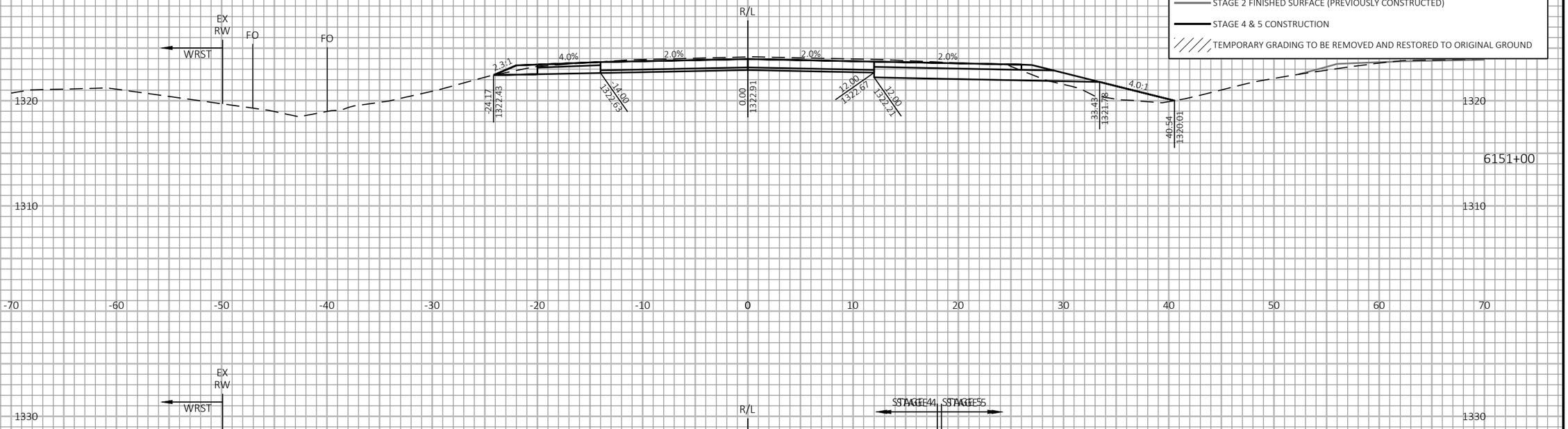
EXISTING GROUND

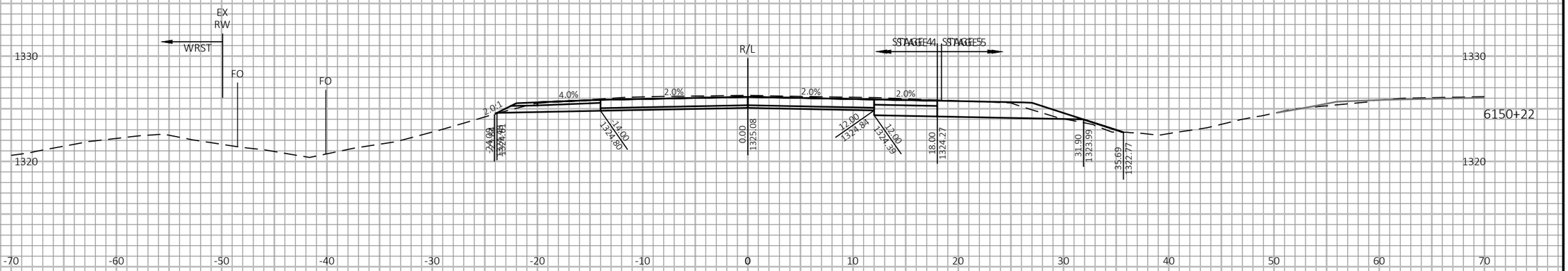
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 924	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 39

PLOT DATE : 2/2/2022 10:27 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

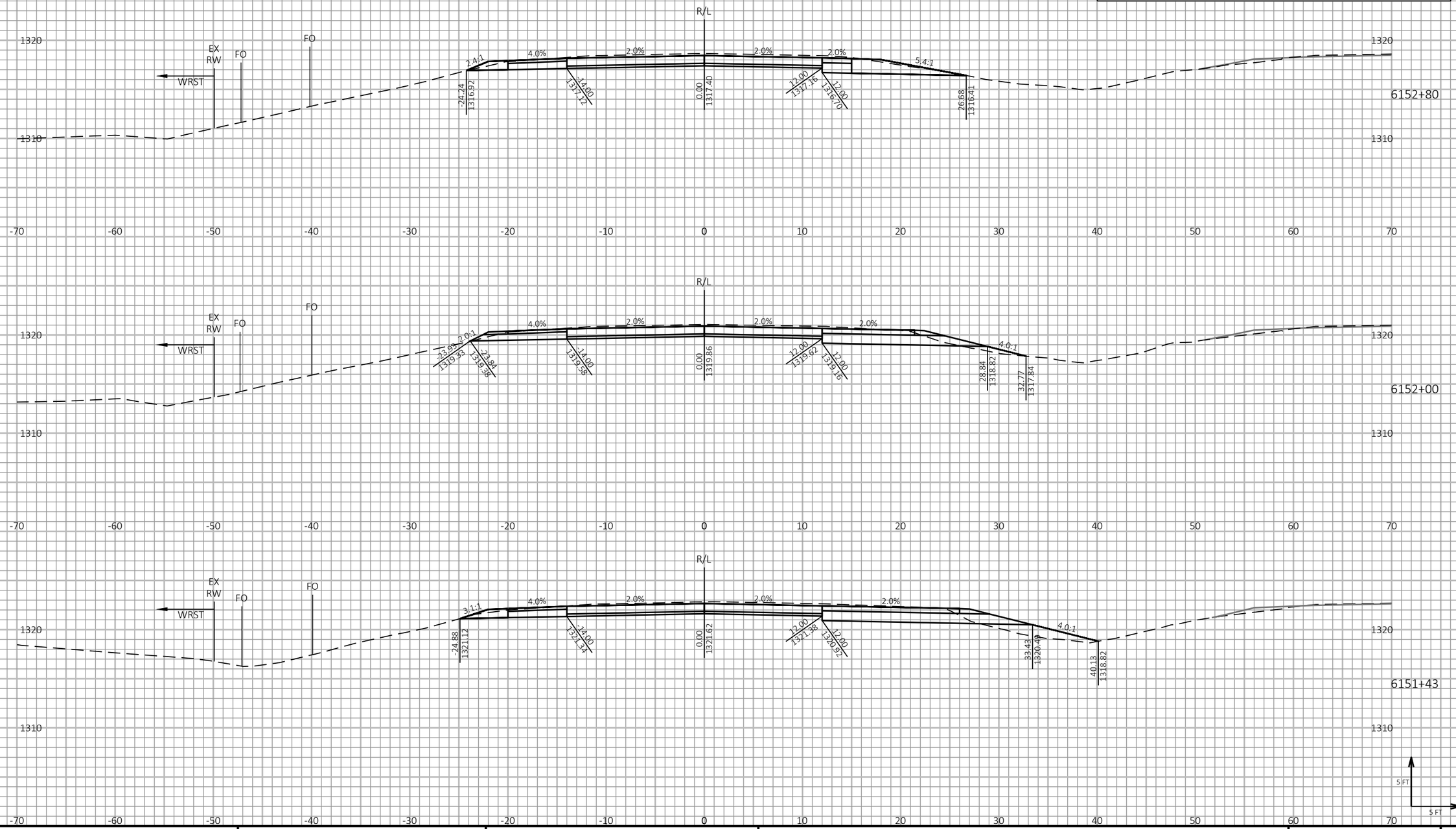
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



9

9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 925	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 40

PLOT DATE : 2/2/2022 10:27 AM

PLOT BY : AUSTIN STRAHL

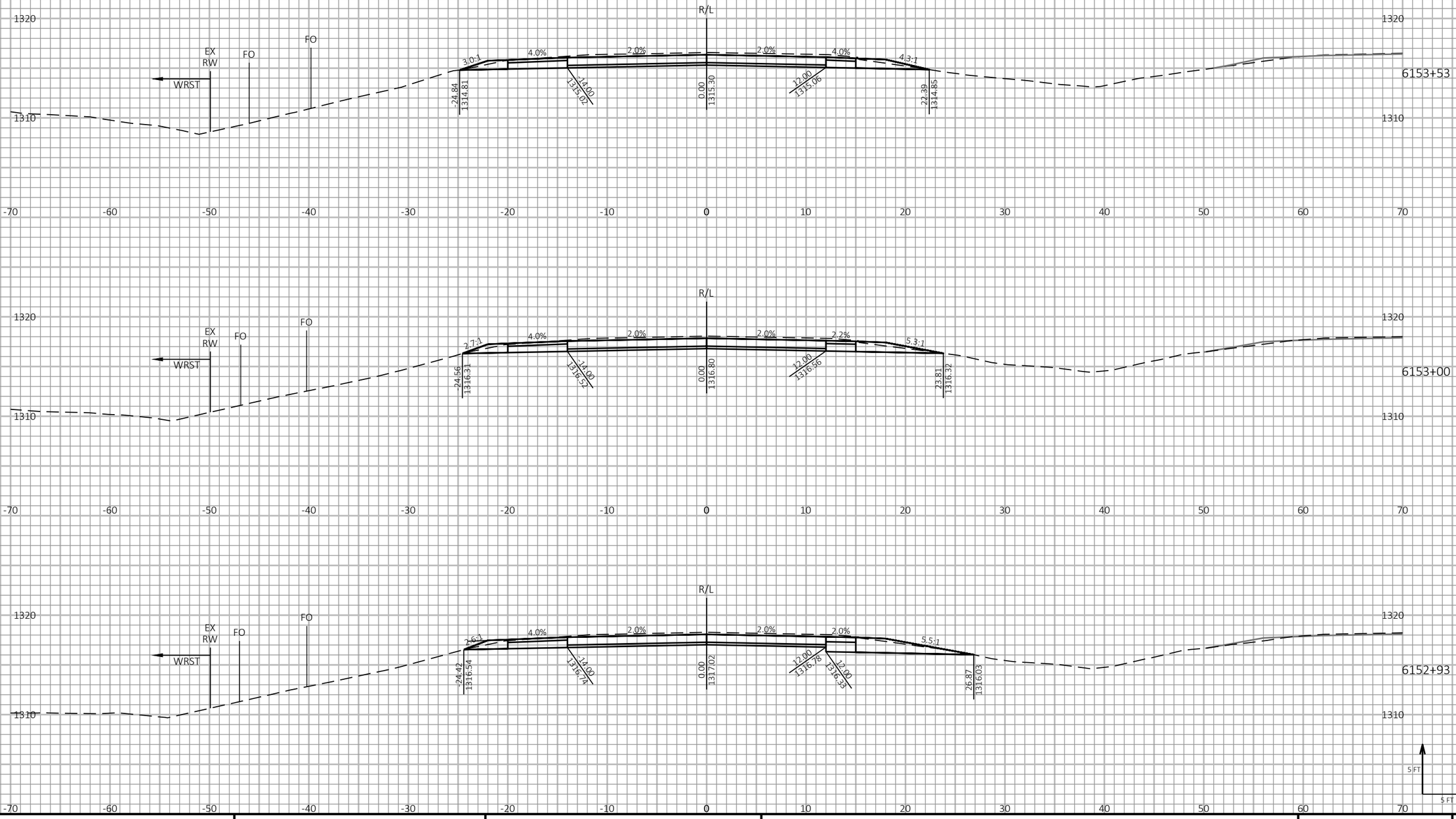
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 926	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 41

PLOT DATE : 2/2/2022 10:28 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

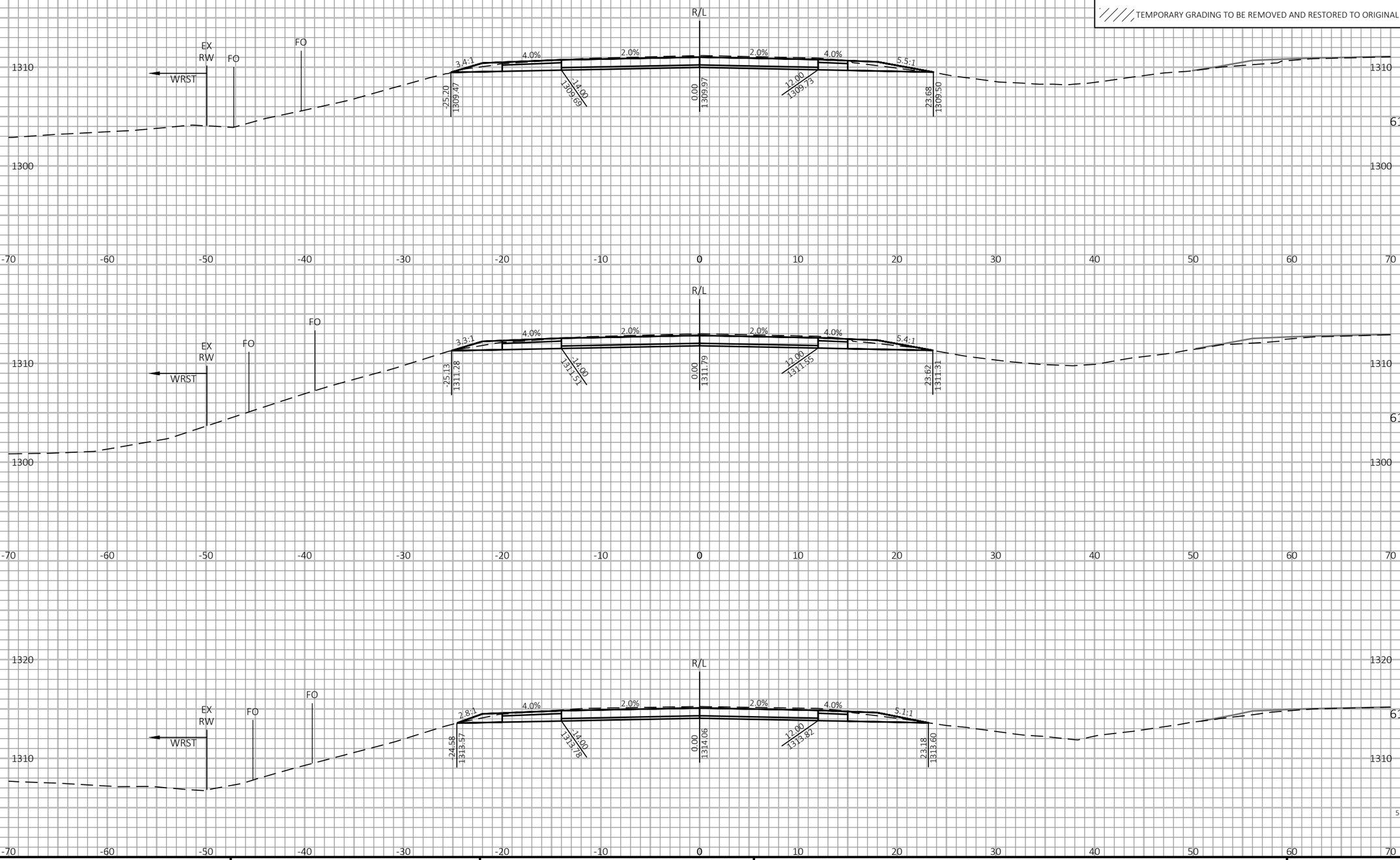
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 927	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 42

PLOT DATE : 2/2/2022 10:28 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

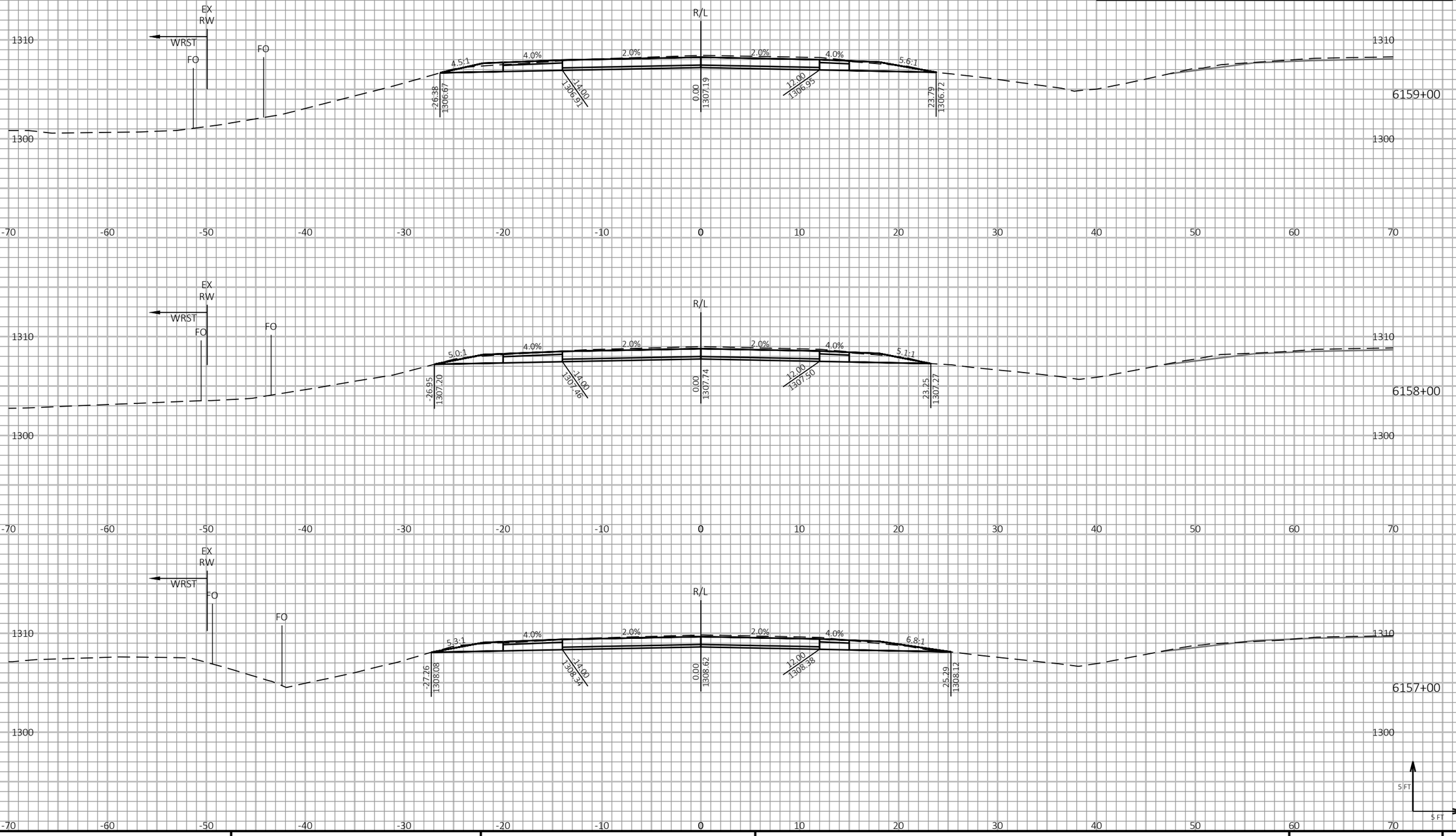
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 928	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090229-XS-S4.DWG
LAYOUT NAME - 43

PLOT DATE : 2/2/2022 10:29 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

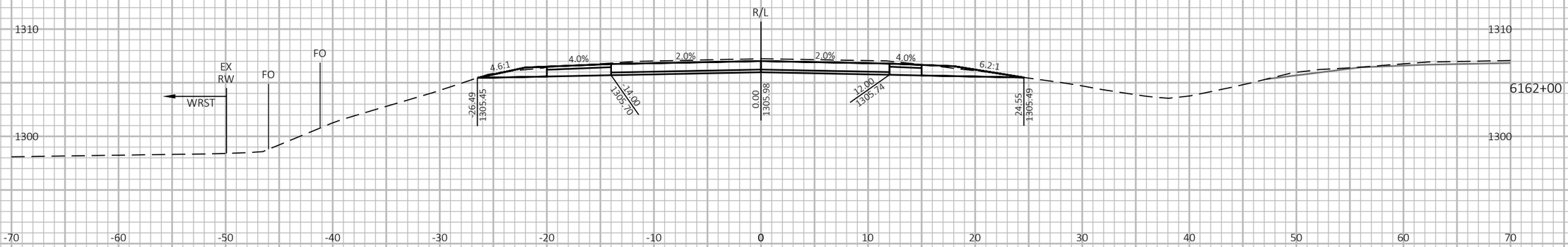
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 929	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 3/25/2022 10:10 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

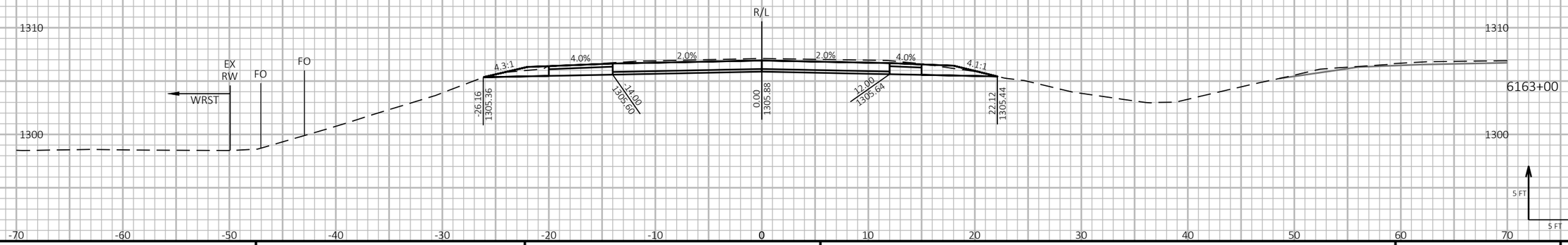
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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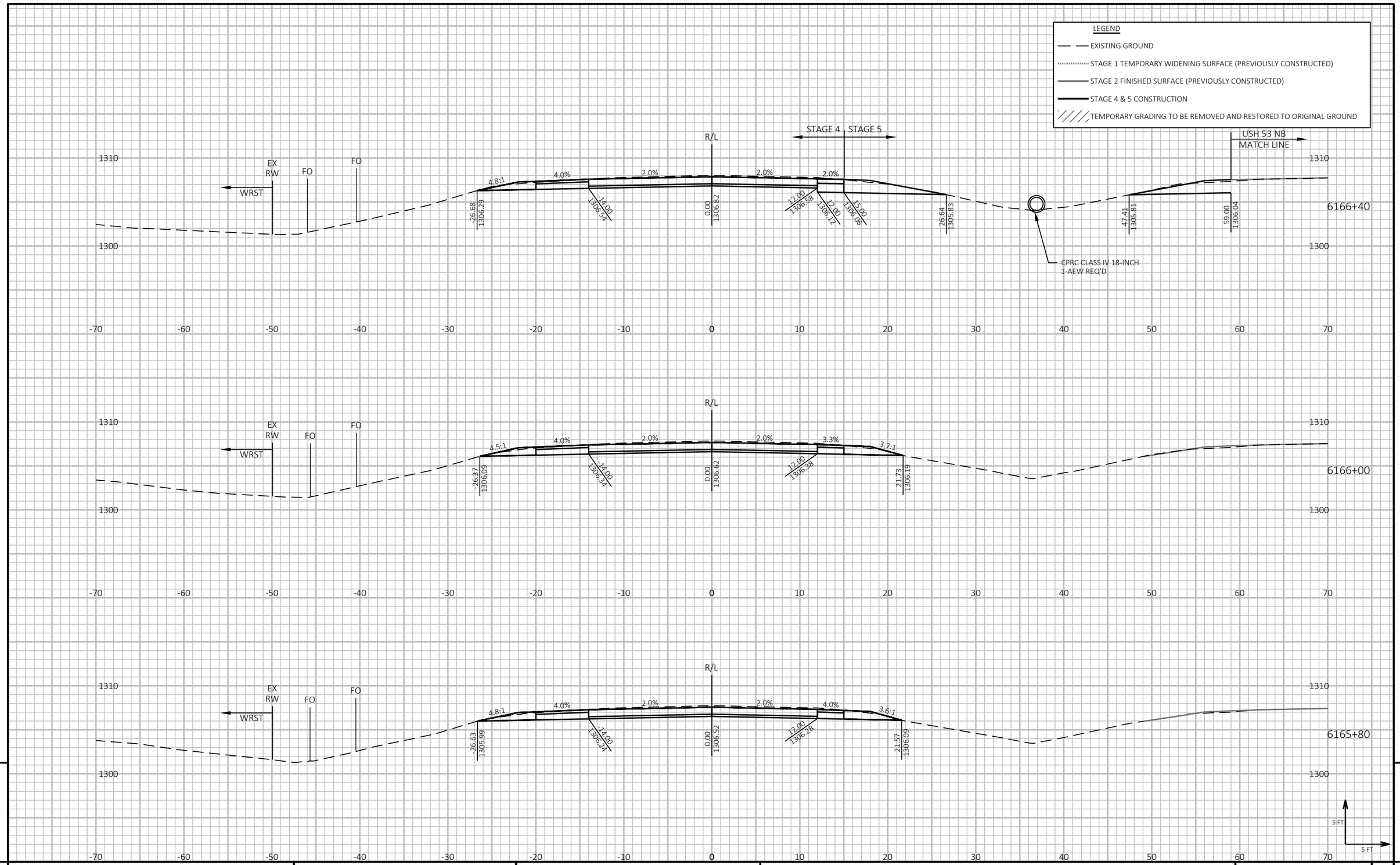
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 930	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 3/25/2022 10:10 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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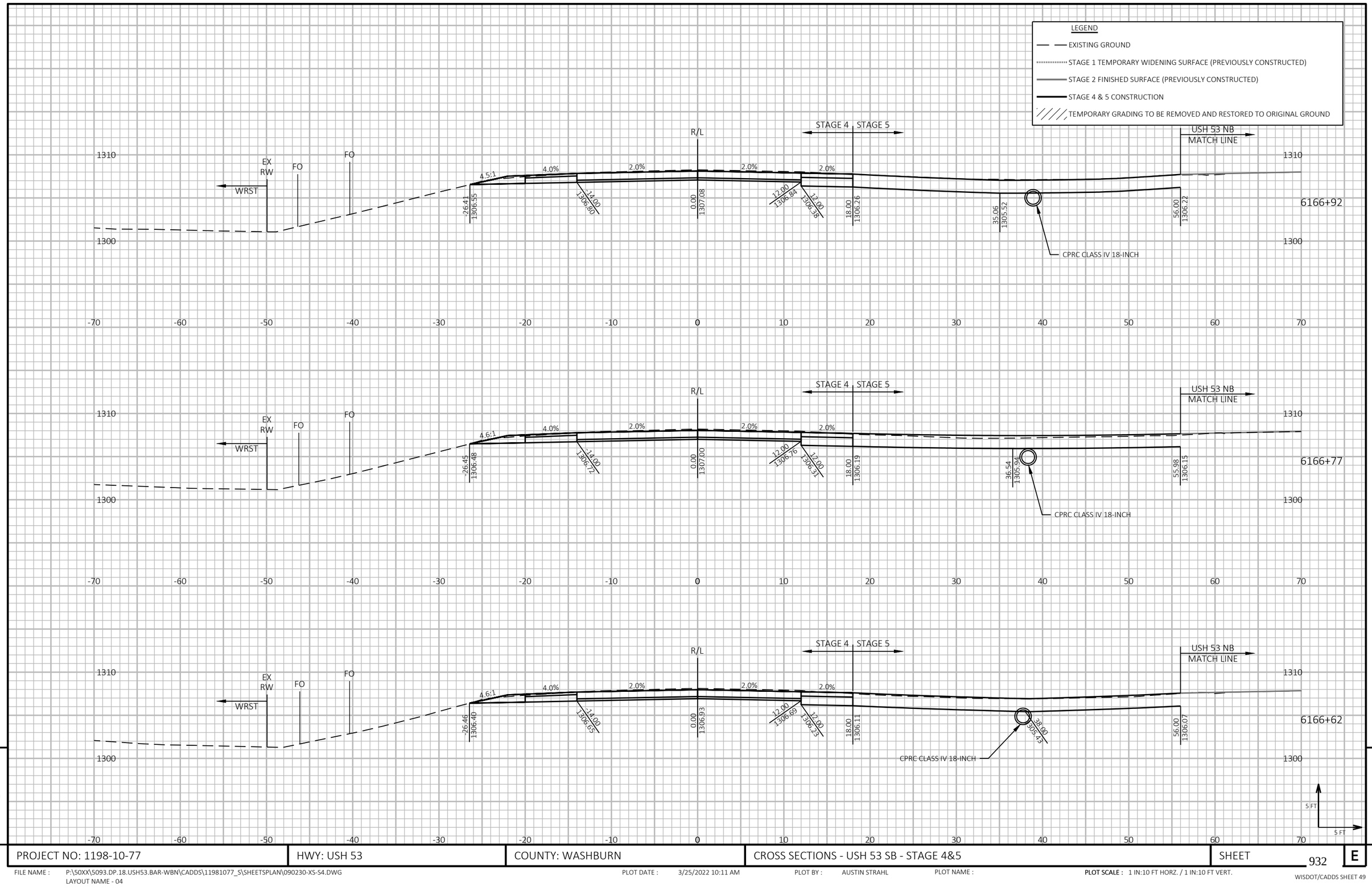
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 931	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 3/25/2022 10:11 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 932	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 04

PLOT DATE : 3/25/2022 10:11 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

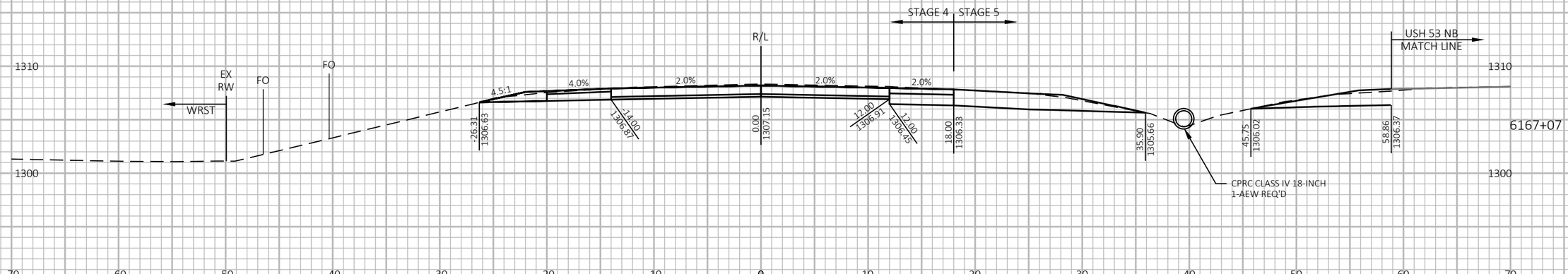
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

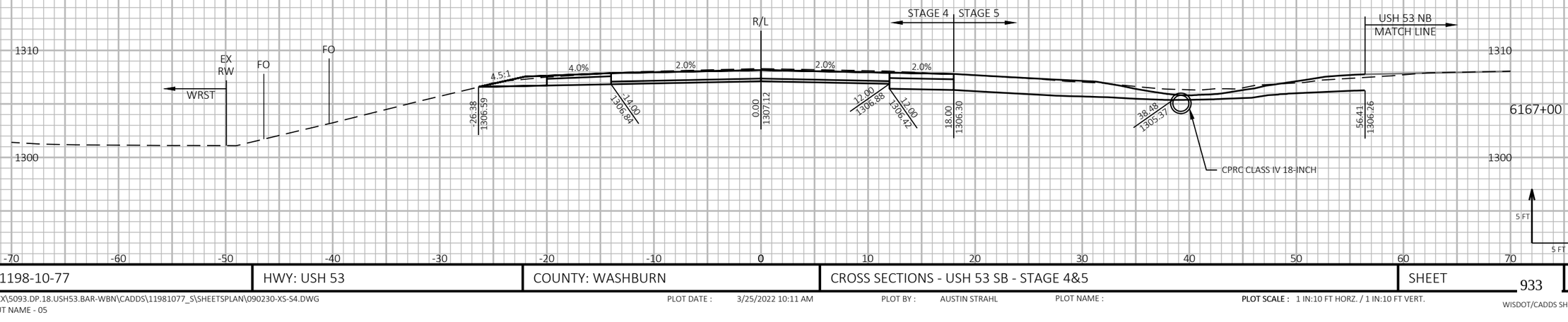
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 933	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 05

PLOT DATE : 3/25/2022 10:11 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND

9

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 934	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 06

PLOT DATE : 3/25/2022 10:11 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

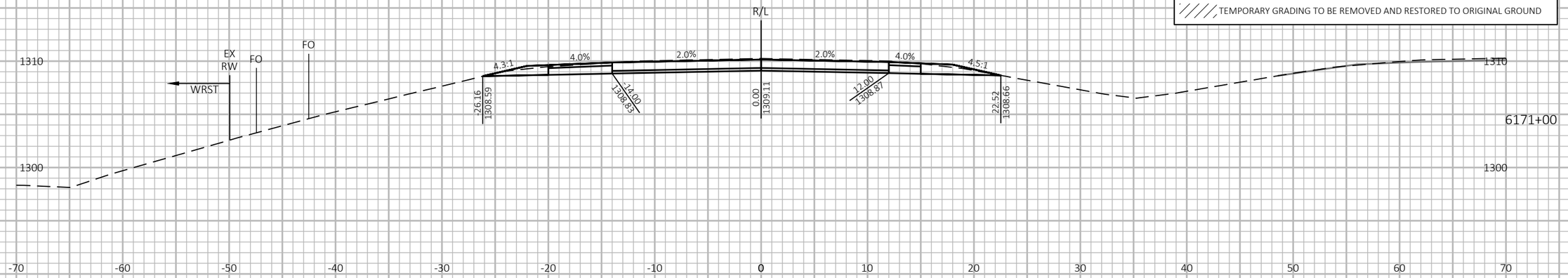
EXISTING GROUND

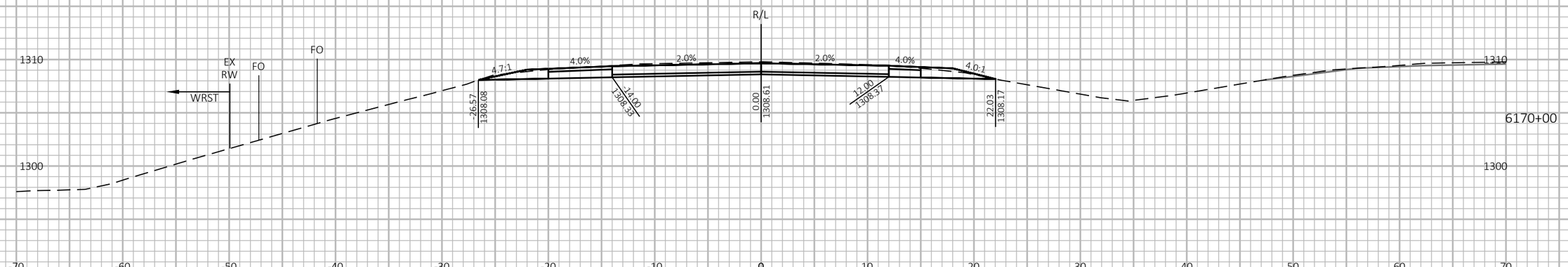
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

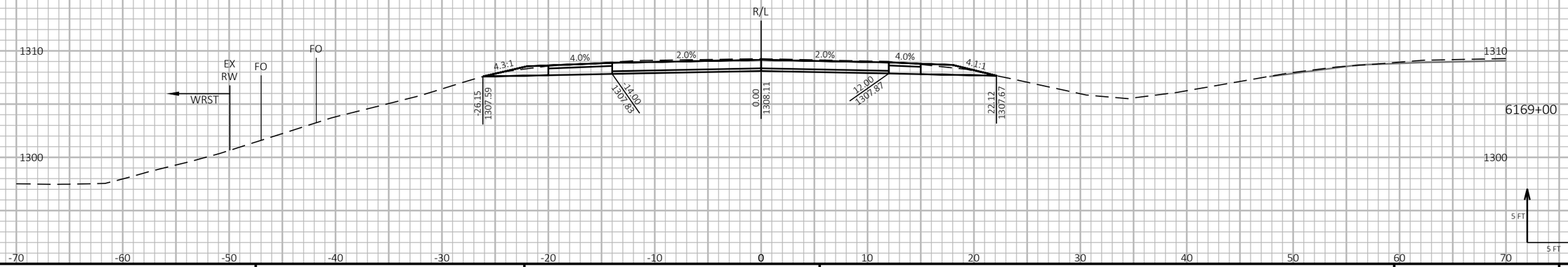
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 935	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 07

PLOT DATE : 3/25/2022 10:12 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

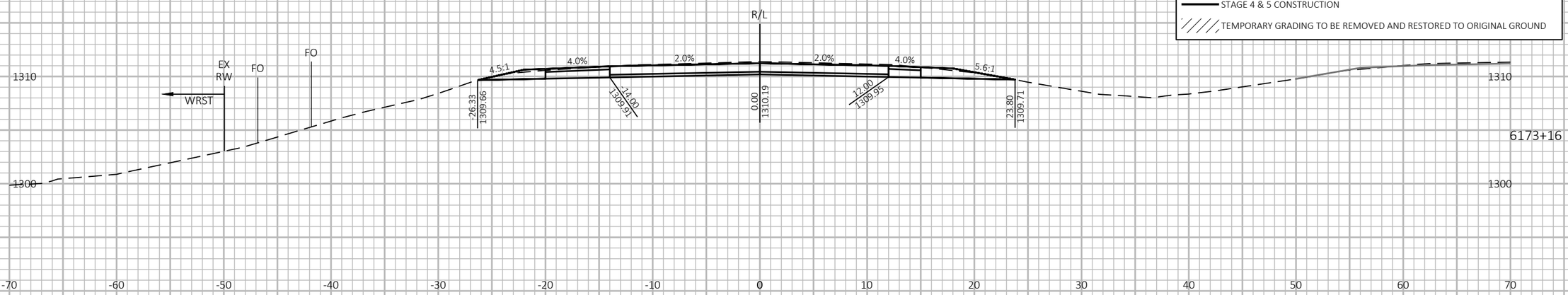
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

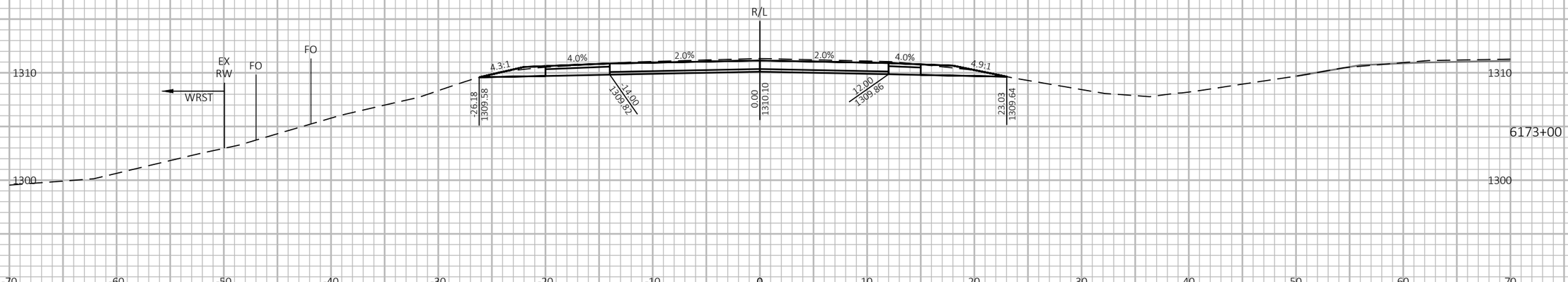
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

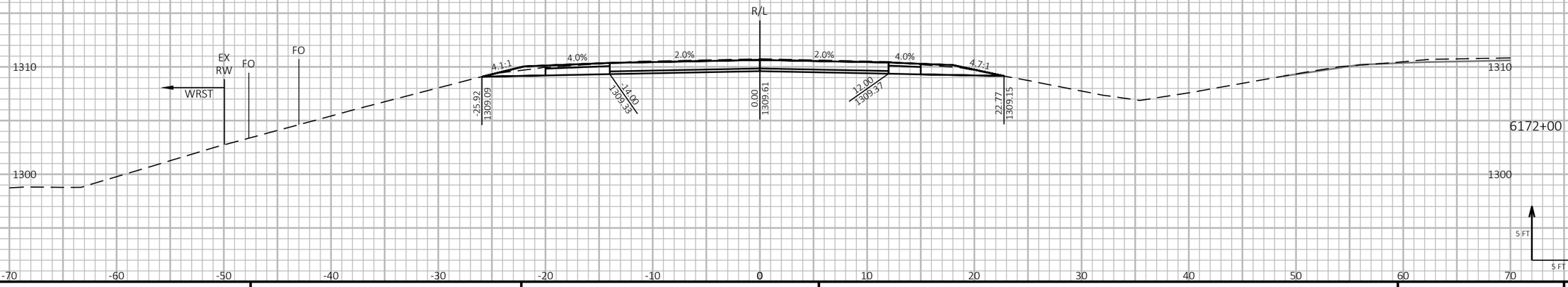
TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



6173+16



6173+00



6172+00

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 936	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 08

PLOT DATE : 3/25/2022 10:12 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

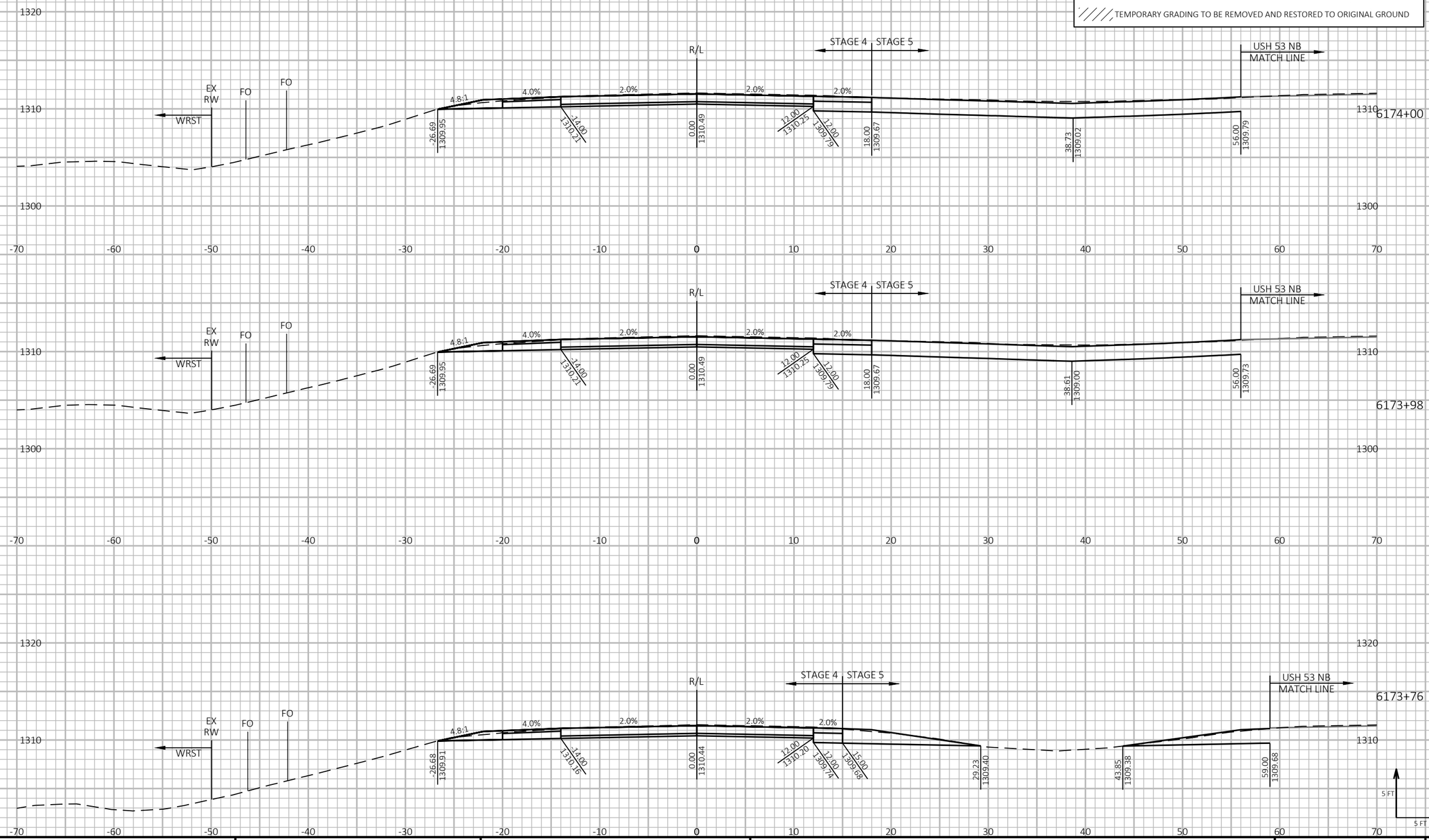
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 937	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 09

PLOT DATE : 3/25/2022 10:12 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

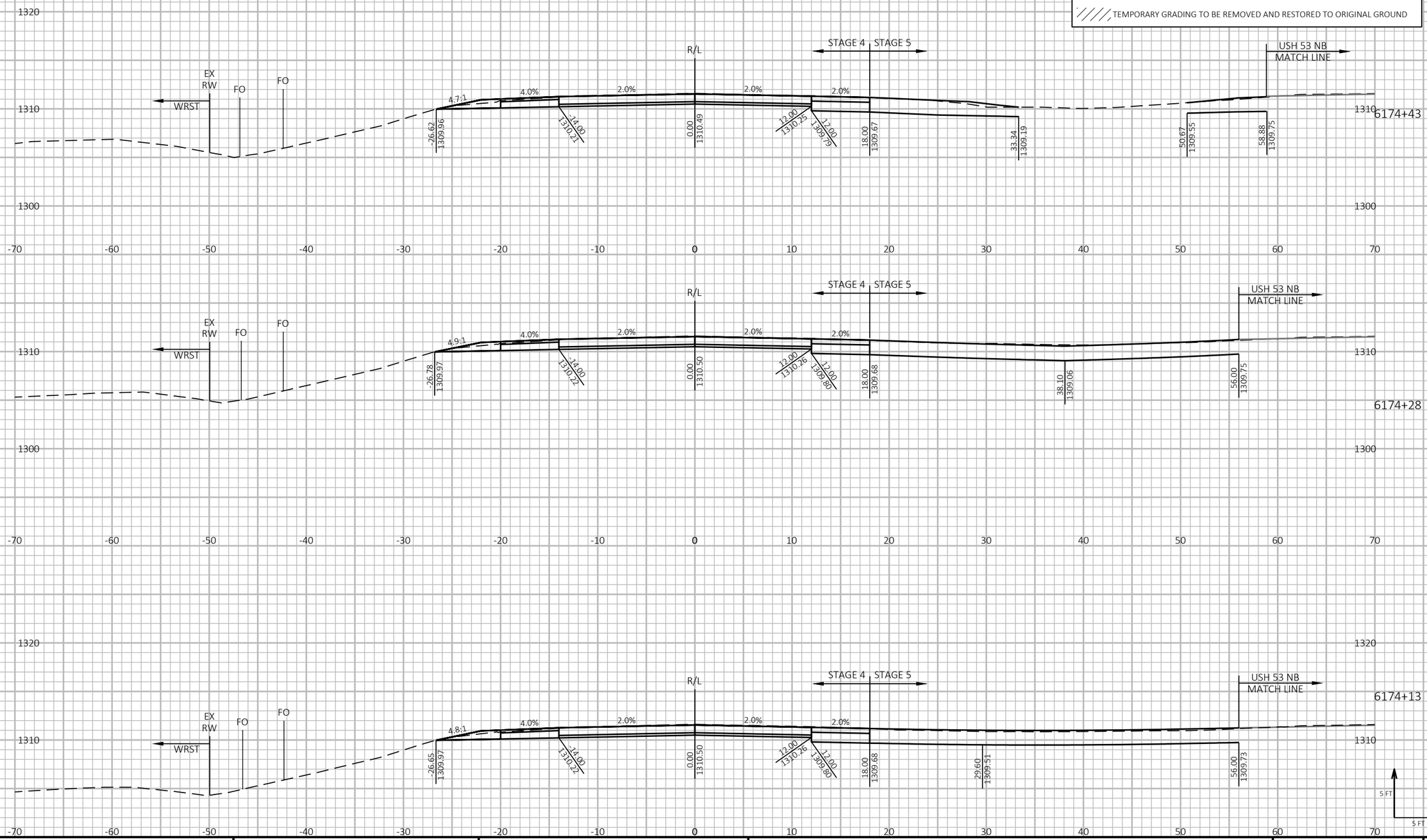
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 938	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 10

PLOT DATE : 3/25/2022 10:13 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

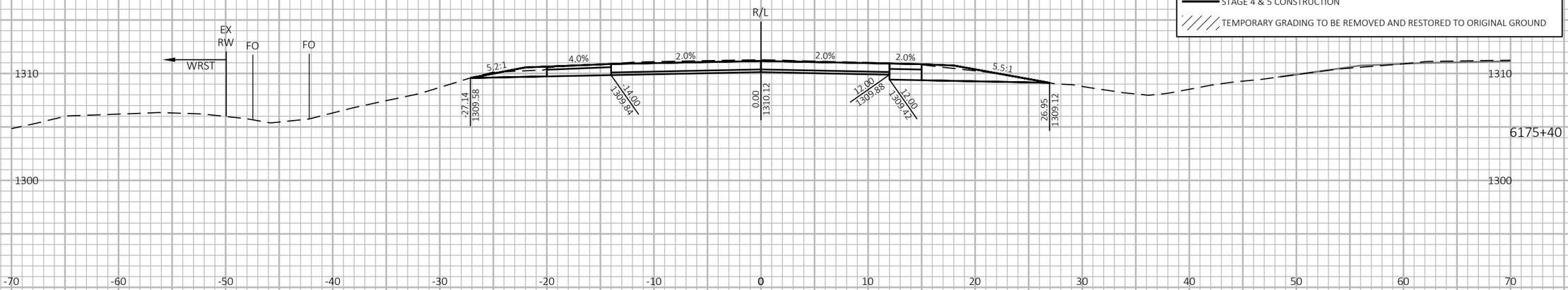
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

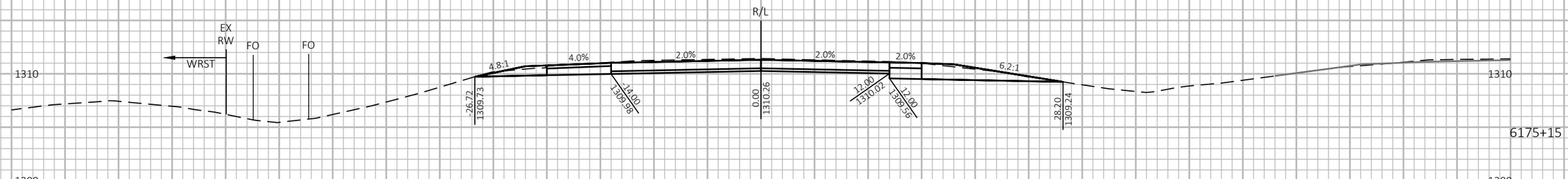
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

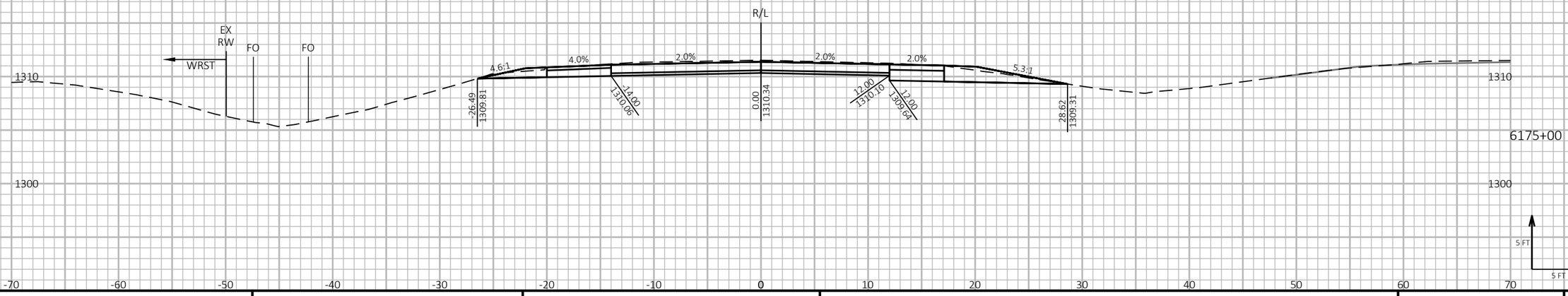
TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



6175+40



6175+15



6175+00

5 FT
5 FT

9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 939	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 11

PLOT DATE : 3/25/2022 10:13 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

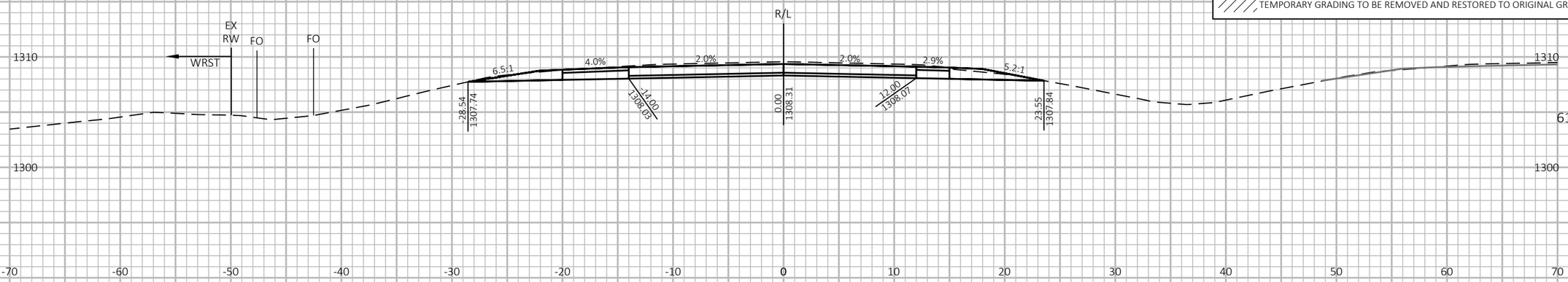
EXISTING GROUND

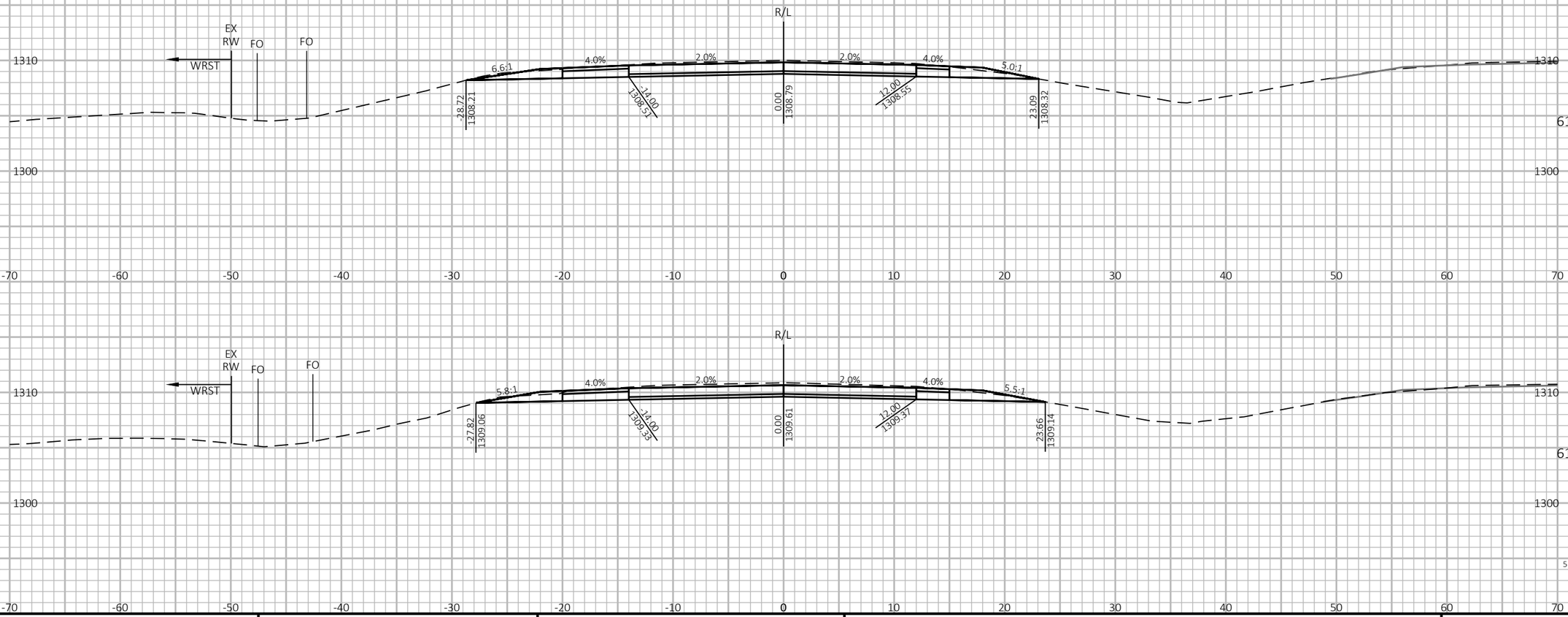
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 940	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 12

PLOT DATE : 3/25/2022 10:13 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

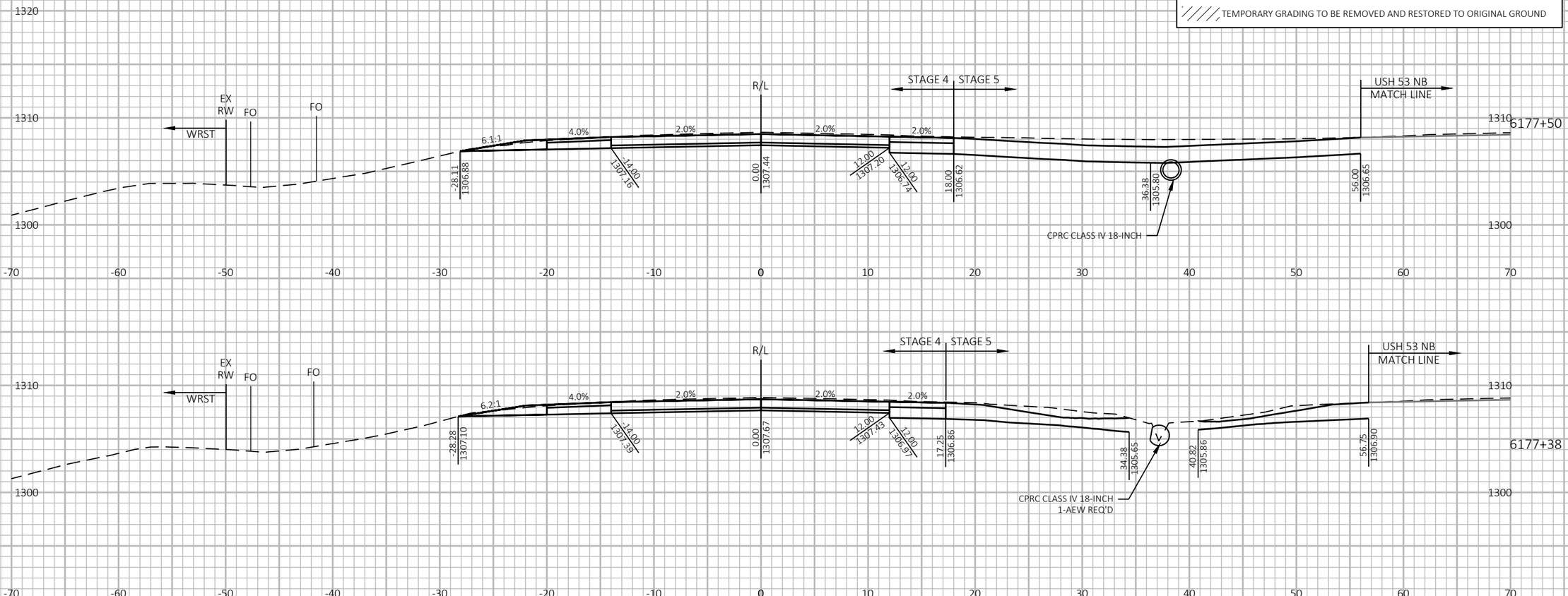
EXISTING GROUND

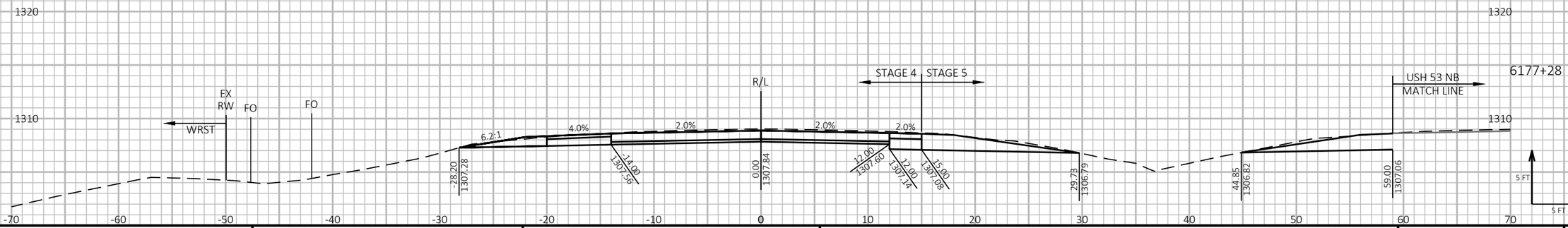
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 941	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 13

PLOT DATE : 3/25/2022 10:13 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

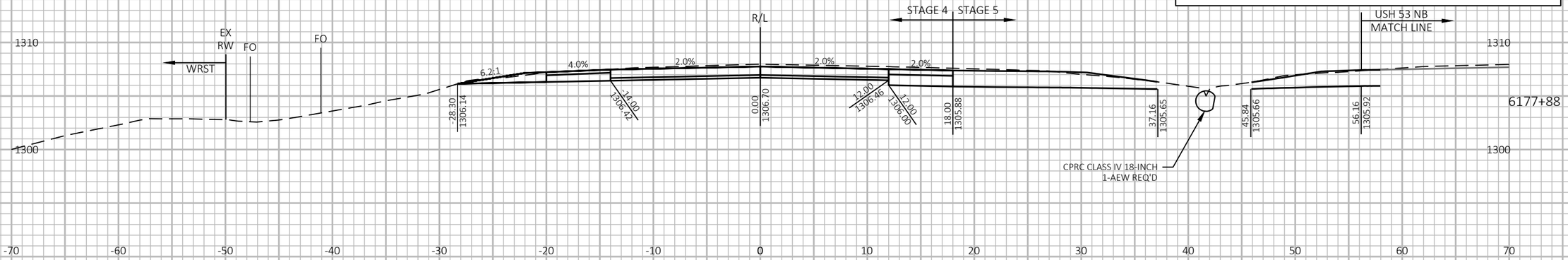
EXISTING GROUND

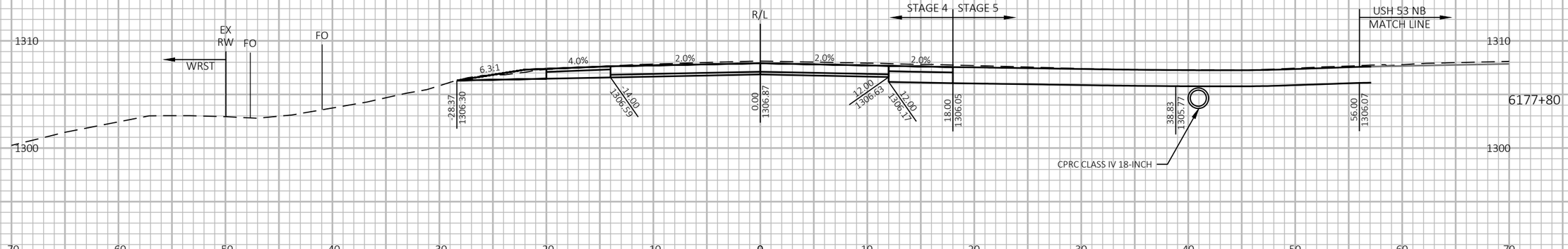
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

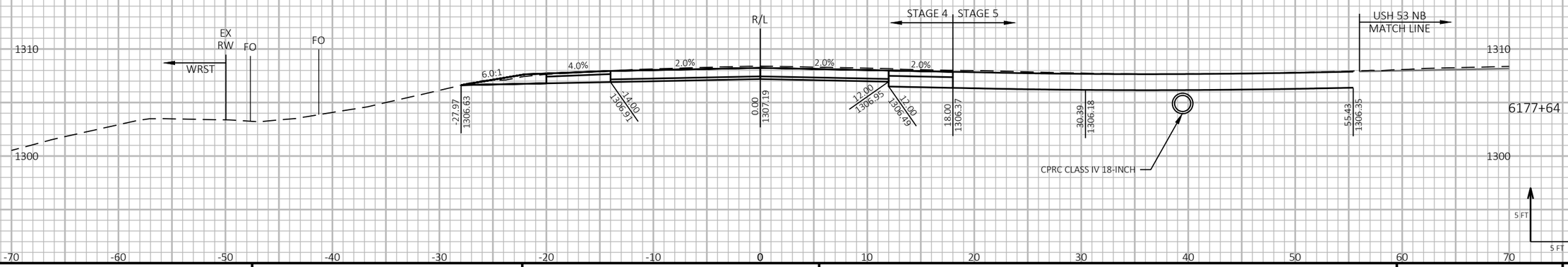
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 942	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 14

PLOT DATE : 3/25/2022 10:14 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

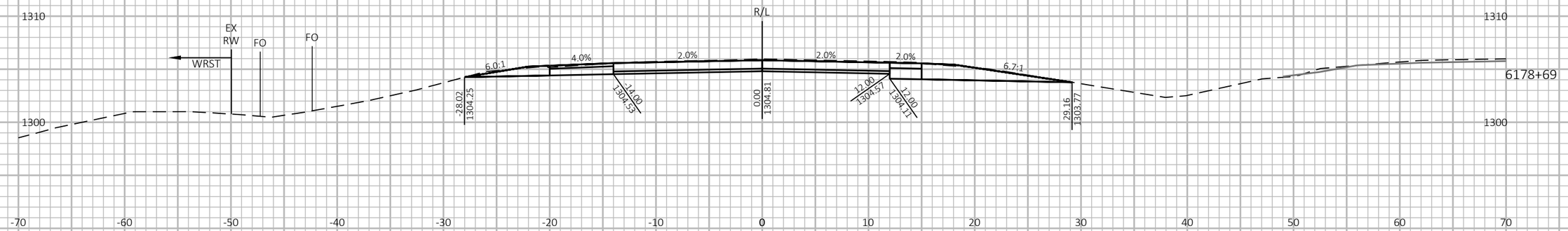
EXISTING GROUND

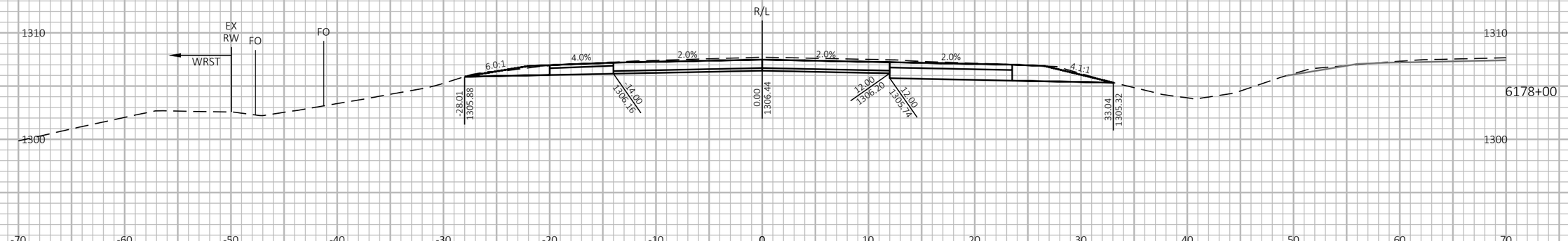
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

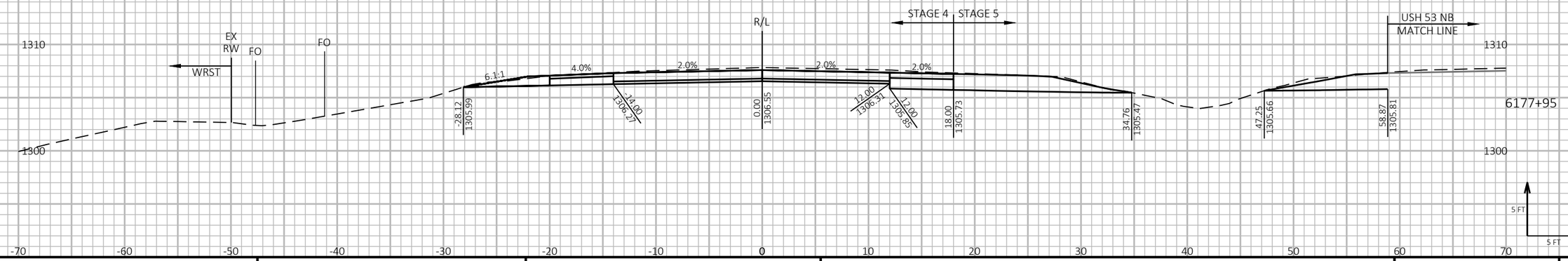
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 943	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 15

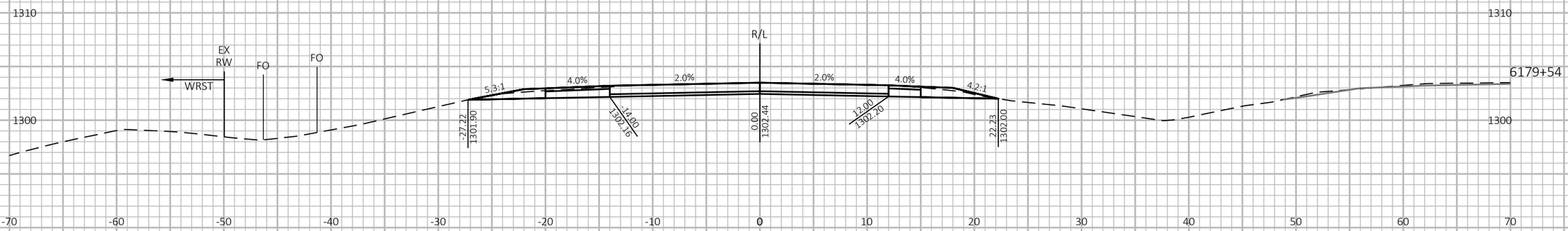
PLOT DATE : 3/25/2022 10:14 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

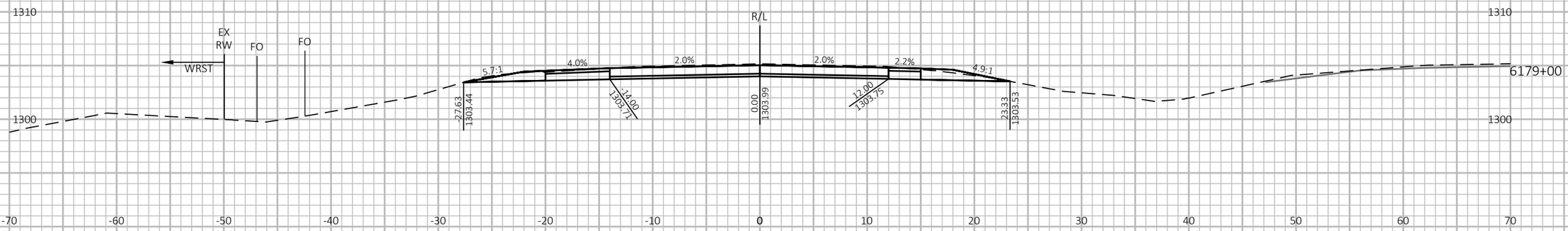
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

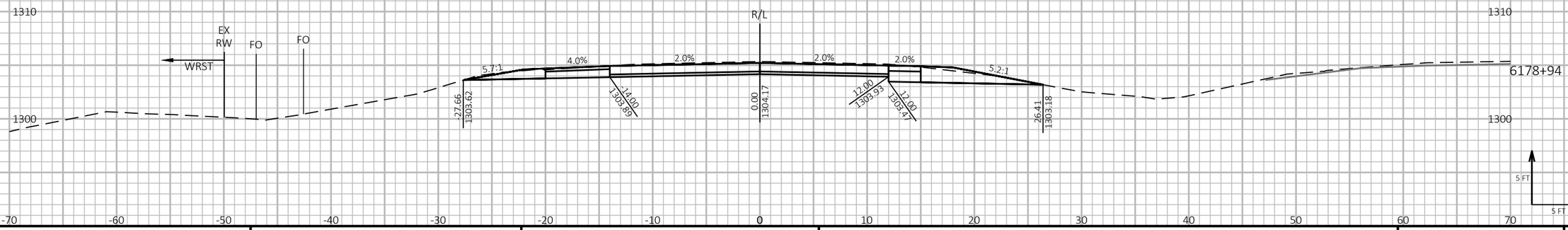
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 944	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 16

PLOT DATE : 3/25/2022 10:14 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

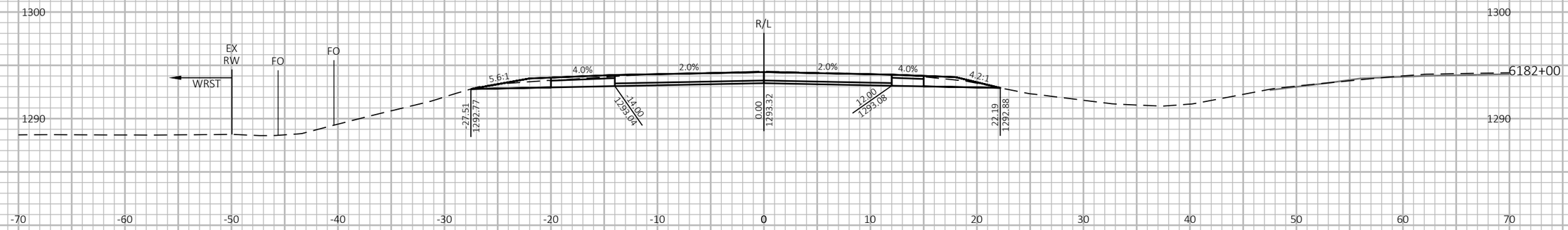
EXISTING GROUND

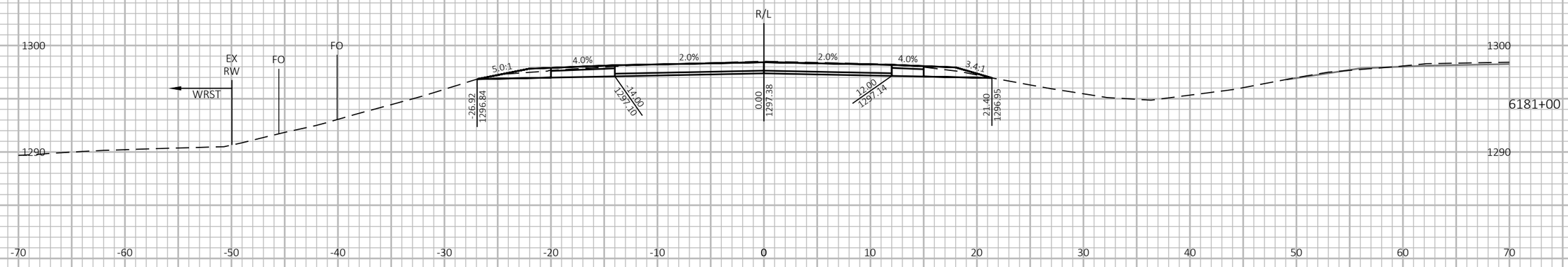
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

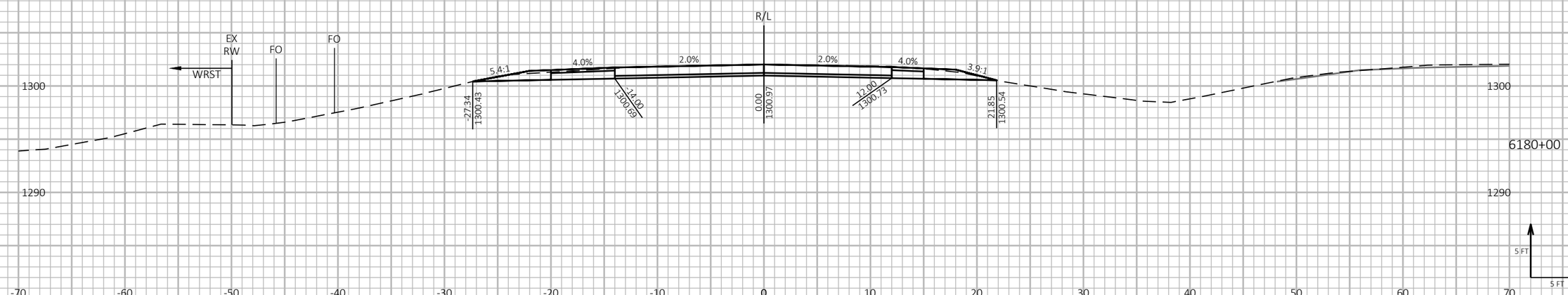
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 945	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 17

PLOT DATE : 3/25/2022 10:15 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

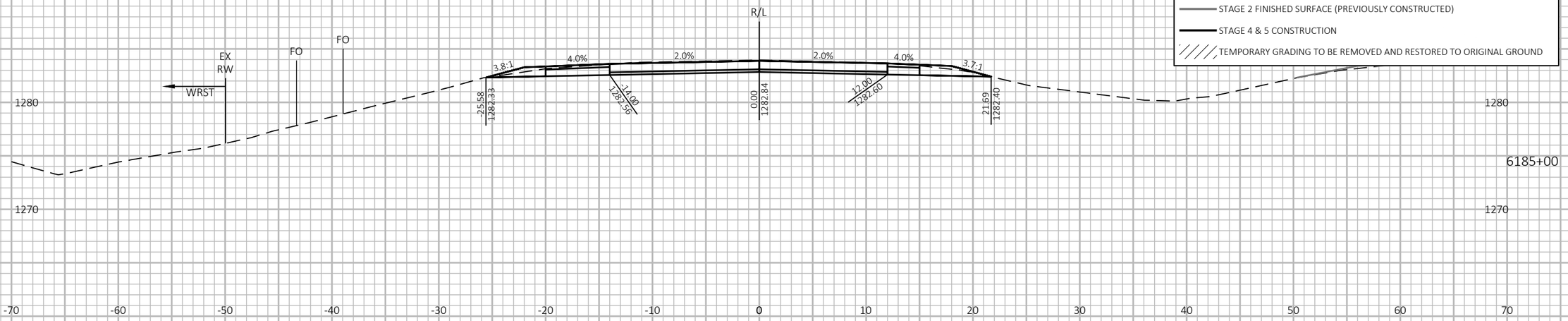
EXISTING GROUND

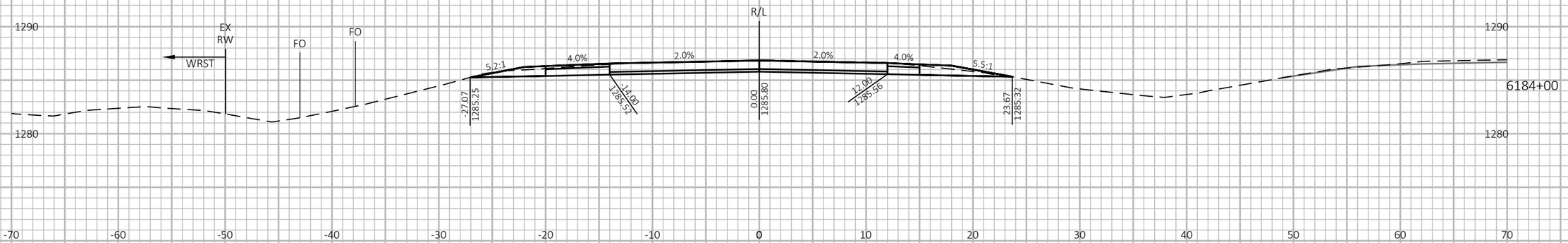
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

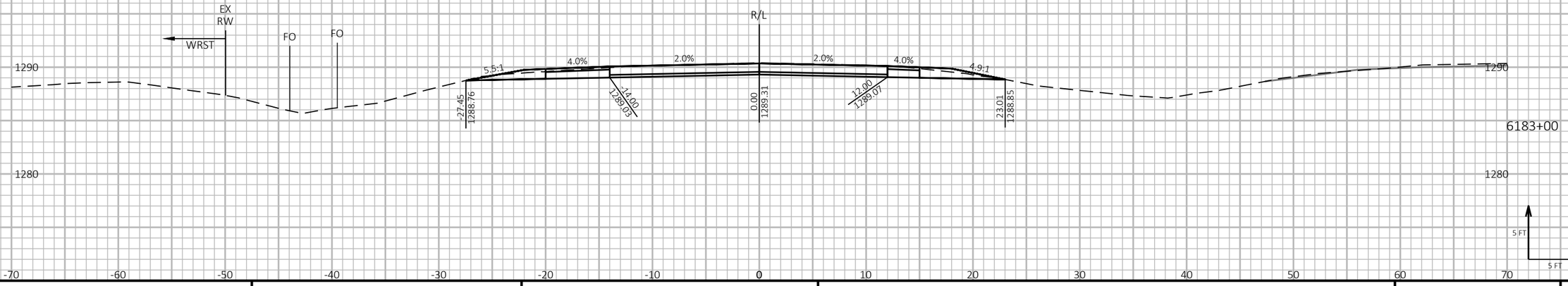
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 946	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 18

PLOT DATE : 3/25/2022 10:15 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

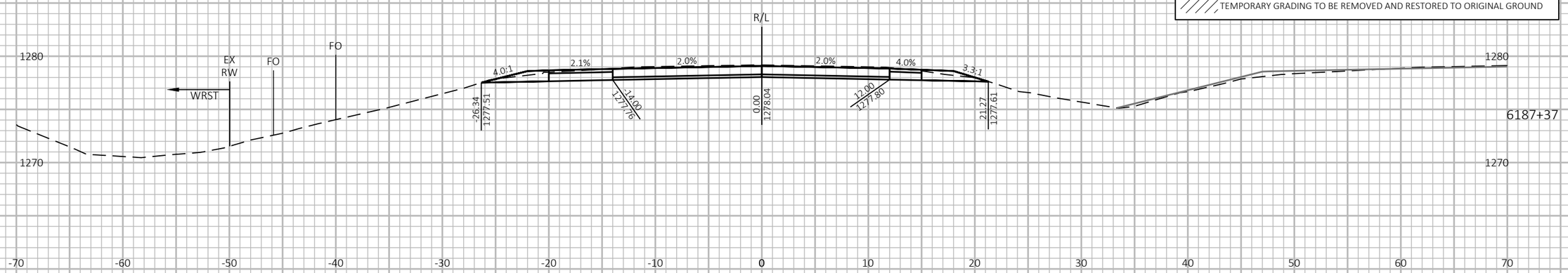
EXISTING GROUND

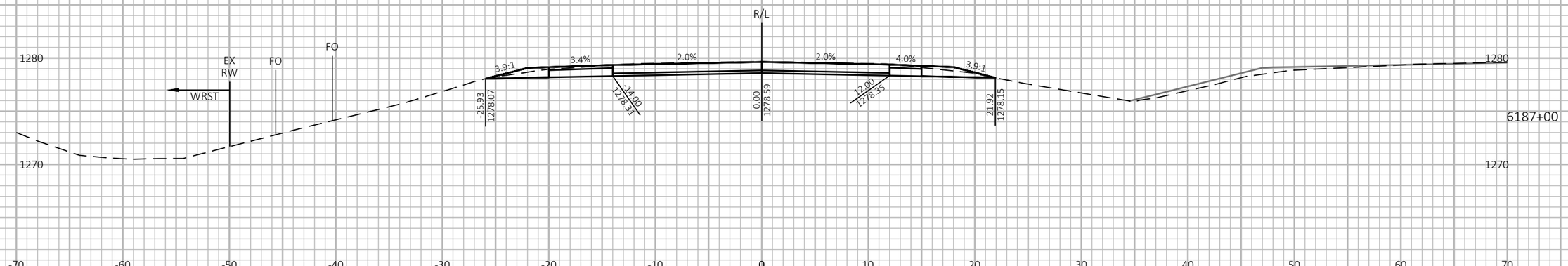
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

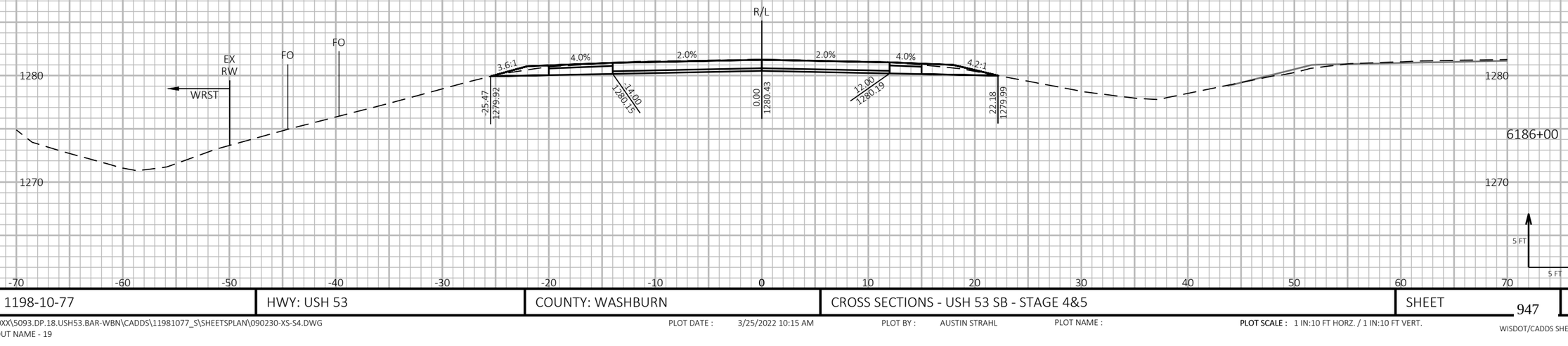
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 947	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 19

PLOT DATE : 3/25/2022 10:15 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

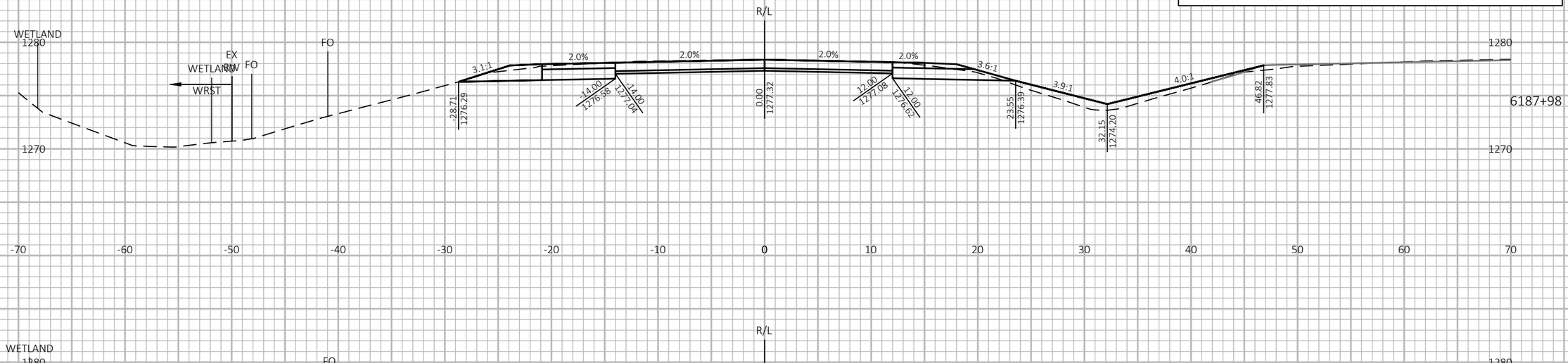
EXISTING GROUND

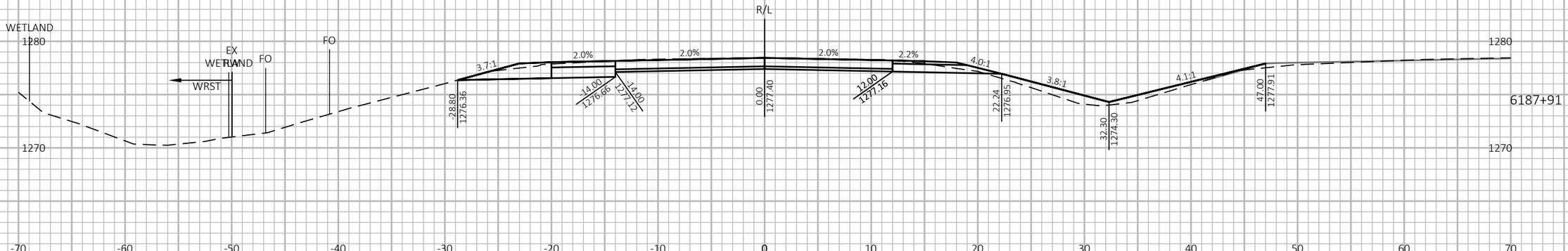
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 948	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 20

PLOT DATE : 3/25/2022 10:15 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

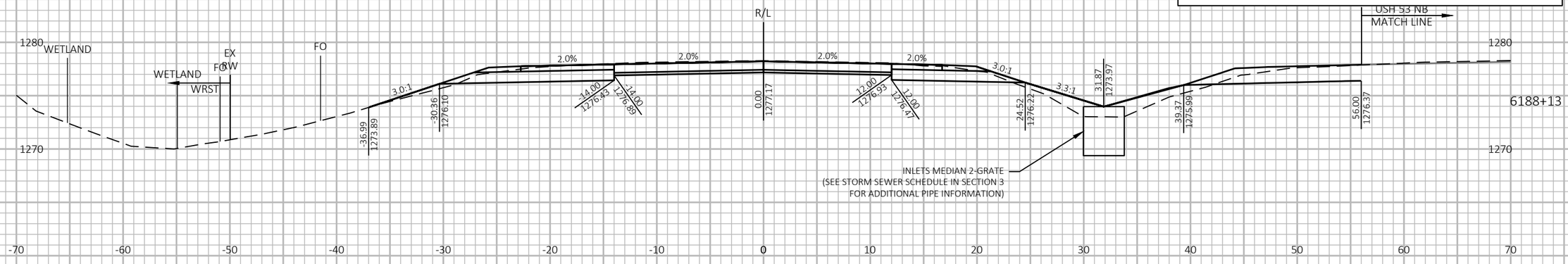
EXISTING GROUND

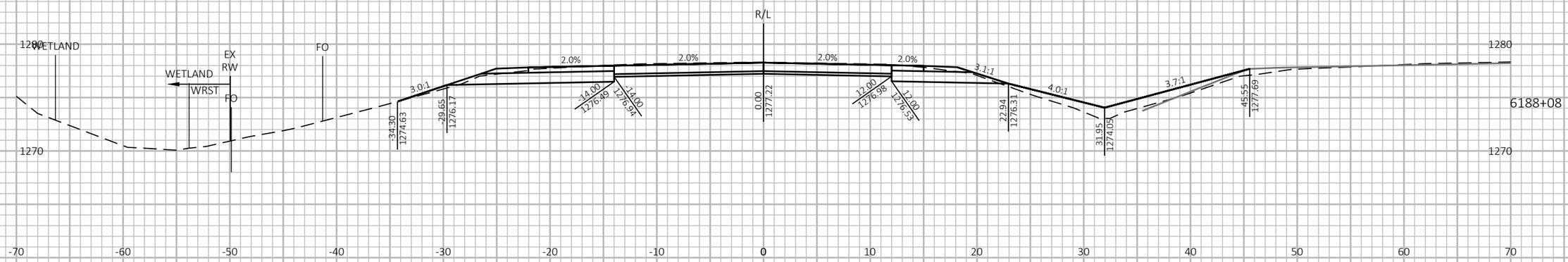
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

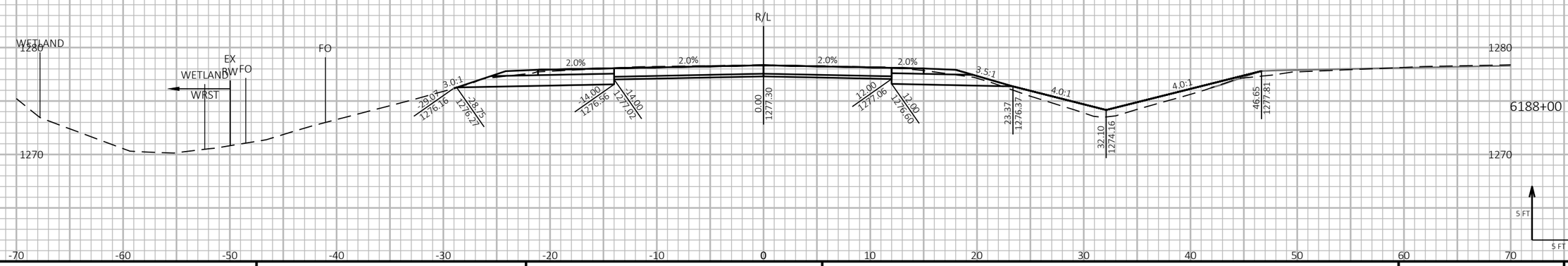
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 949	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 21

PLOT DATE : 3/25/2022 10:16 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

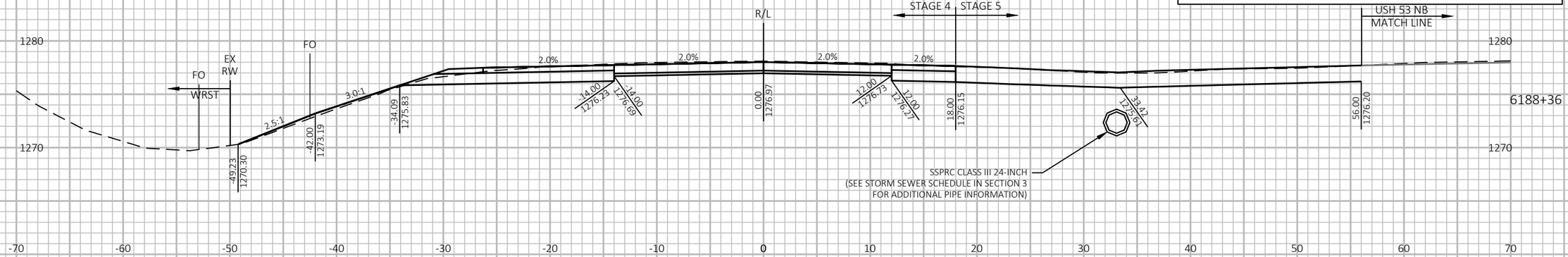
EXISTING GROUND

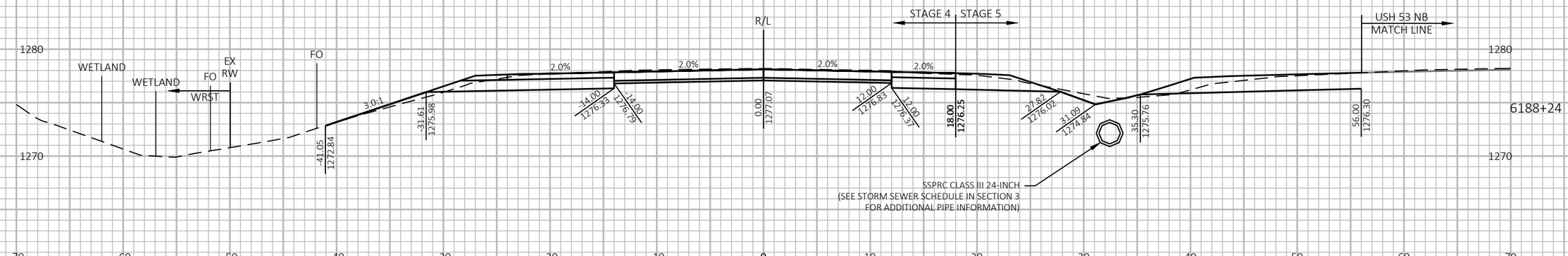
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

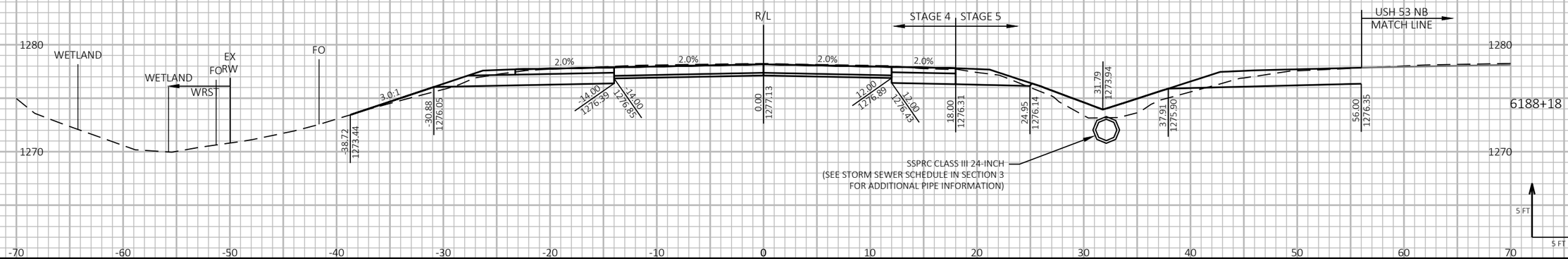
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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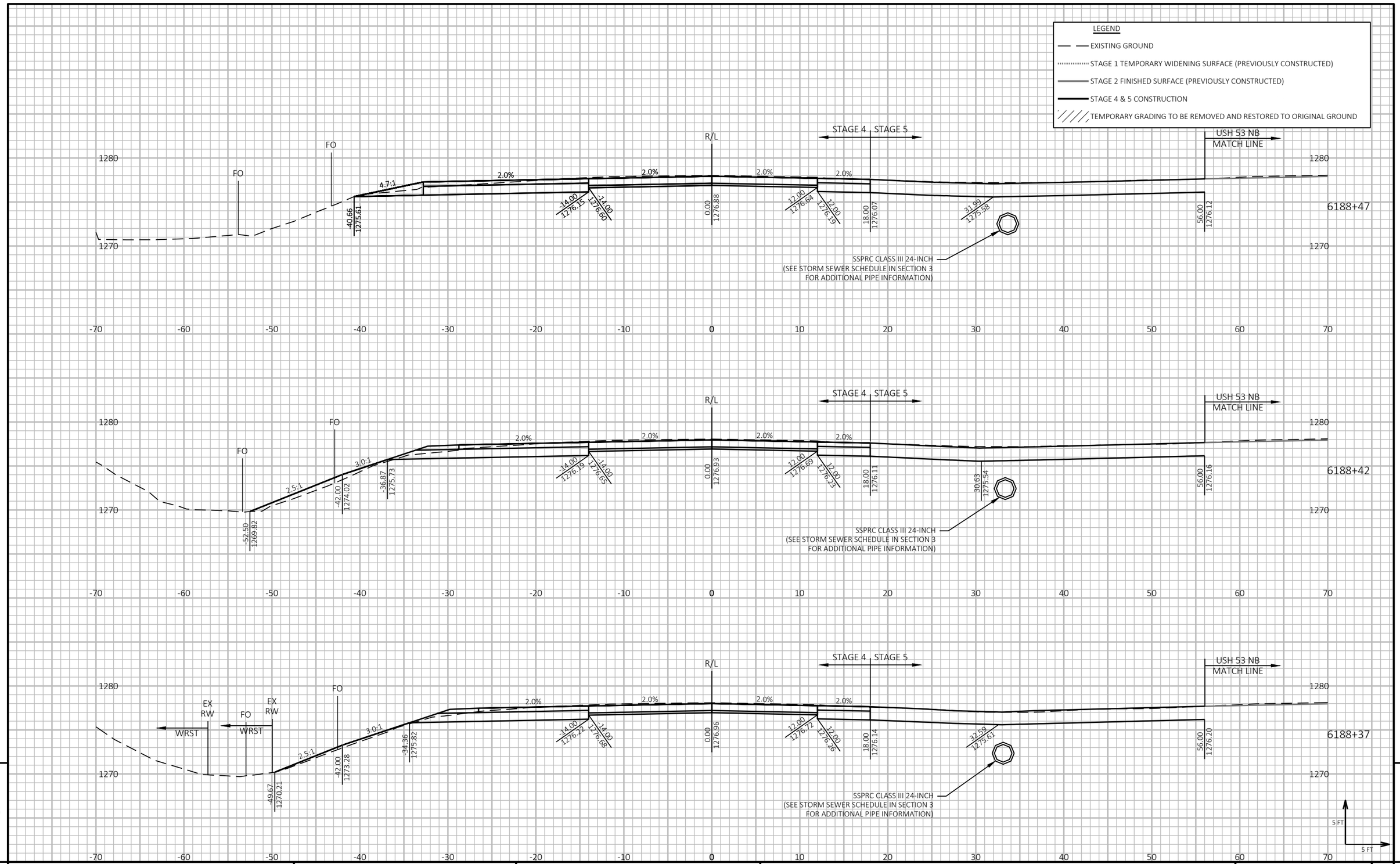
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 950	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 22

PLOT DATE : 3/25/2022 10:16 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 951	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 23

PLOT DATE : 3/25/2022 10:16 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

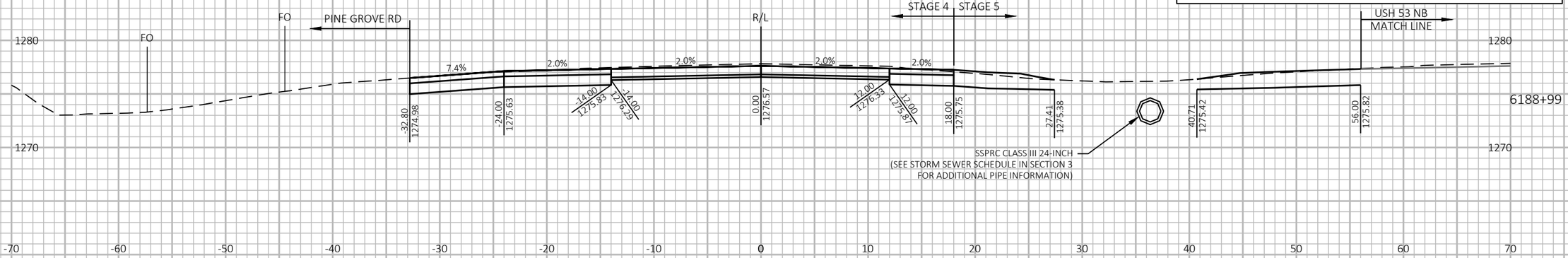
EXISTING GROUND

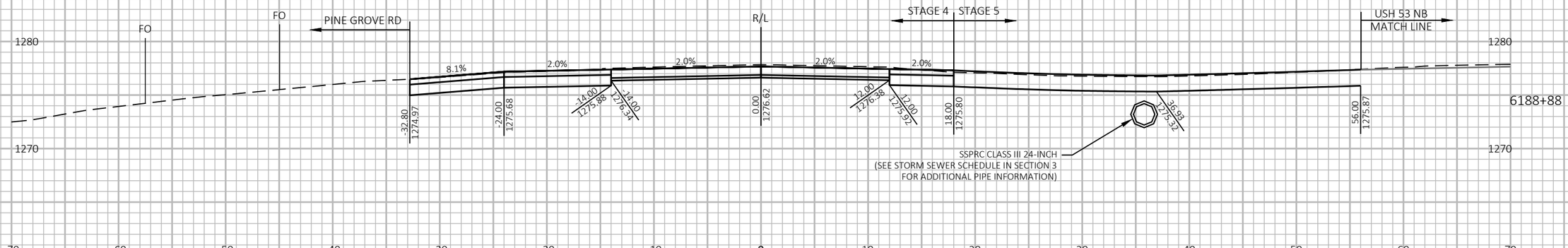
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

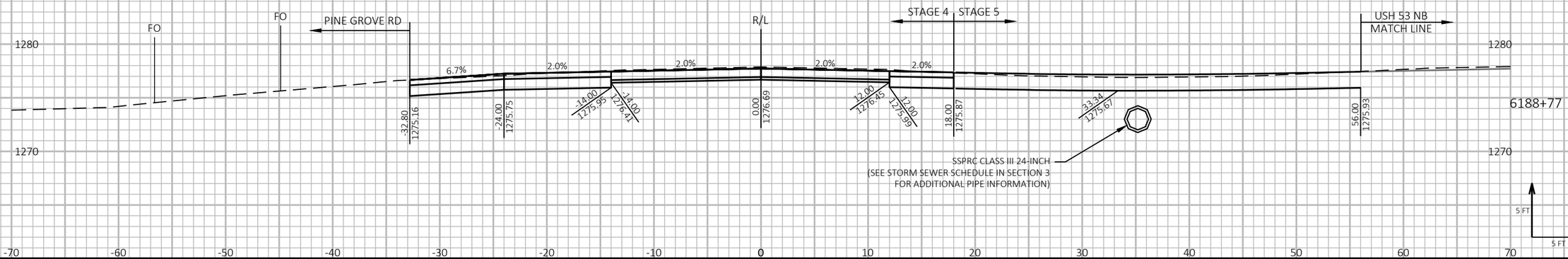
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 952	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 24

PLOT DATE : 3/25/2022 10:17 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 953	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 25

PLOT DATE : 3/25/2022 10:17 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

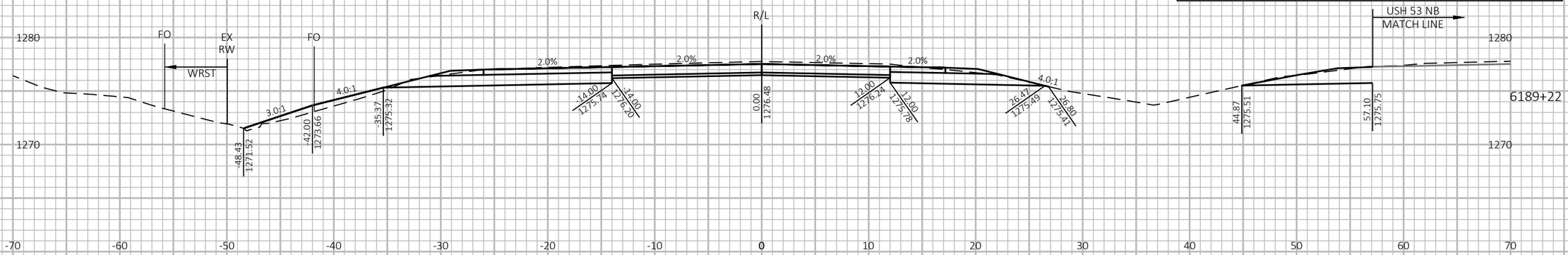
EXISTING GROUND

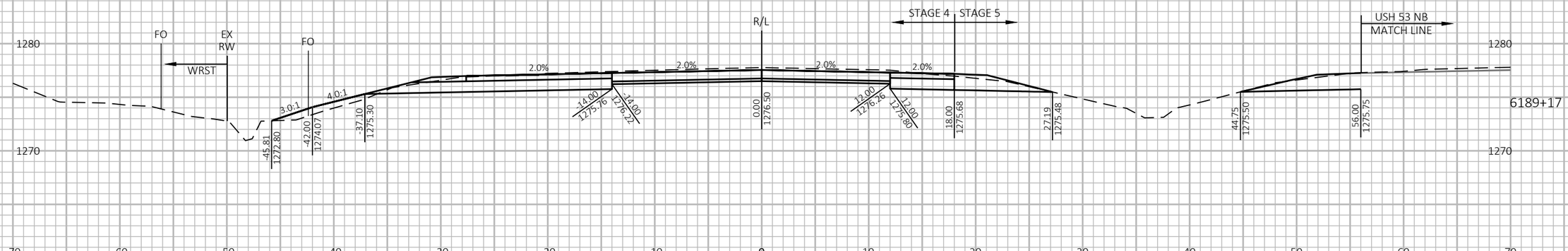
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

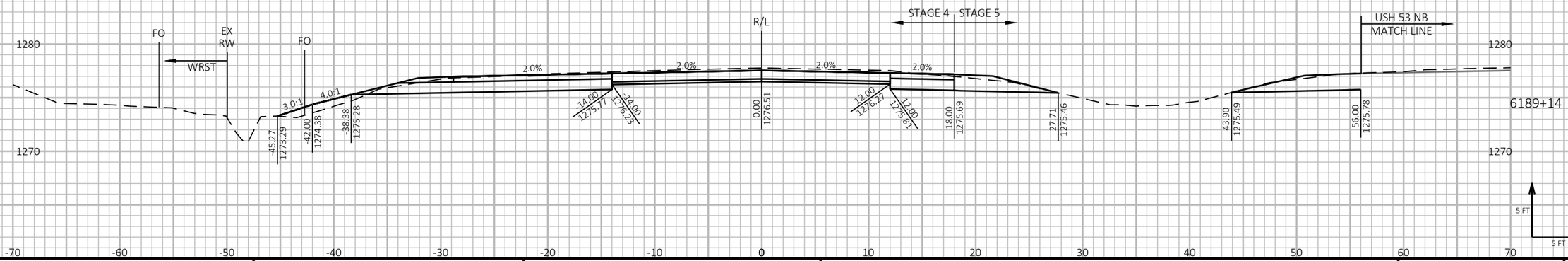
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 954	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 26

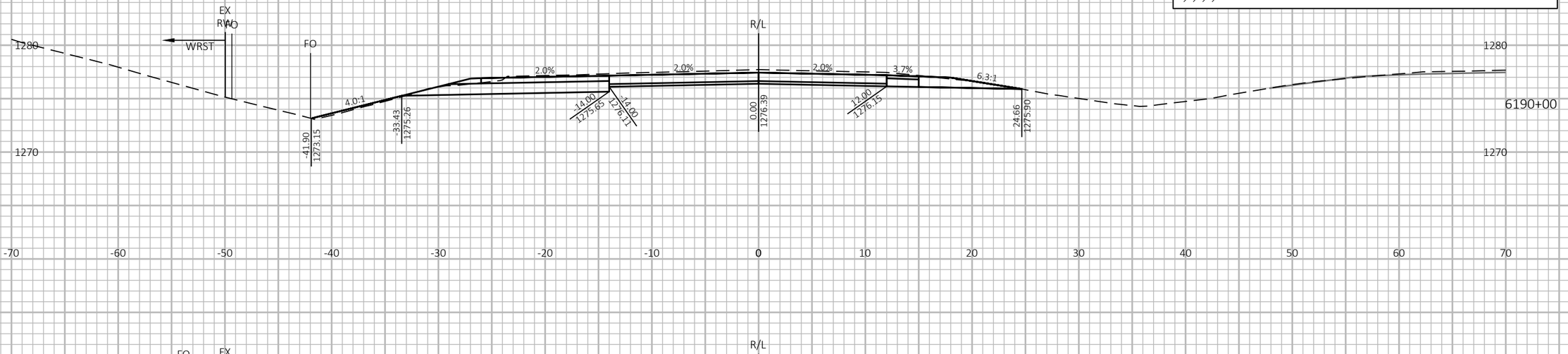
PLOT DATE : 3/25/2022 10:17 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

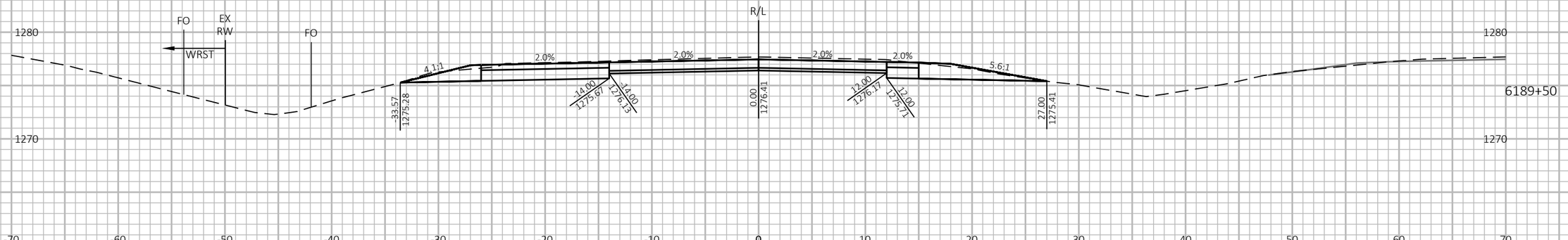
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 955	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 27

PLOT DATE : 3/25/2022 10:17 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

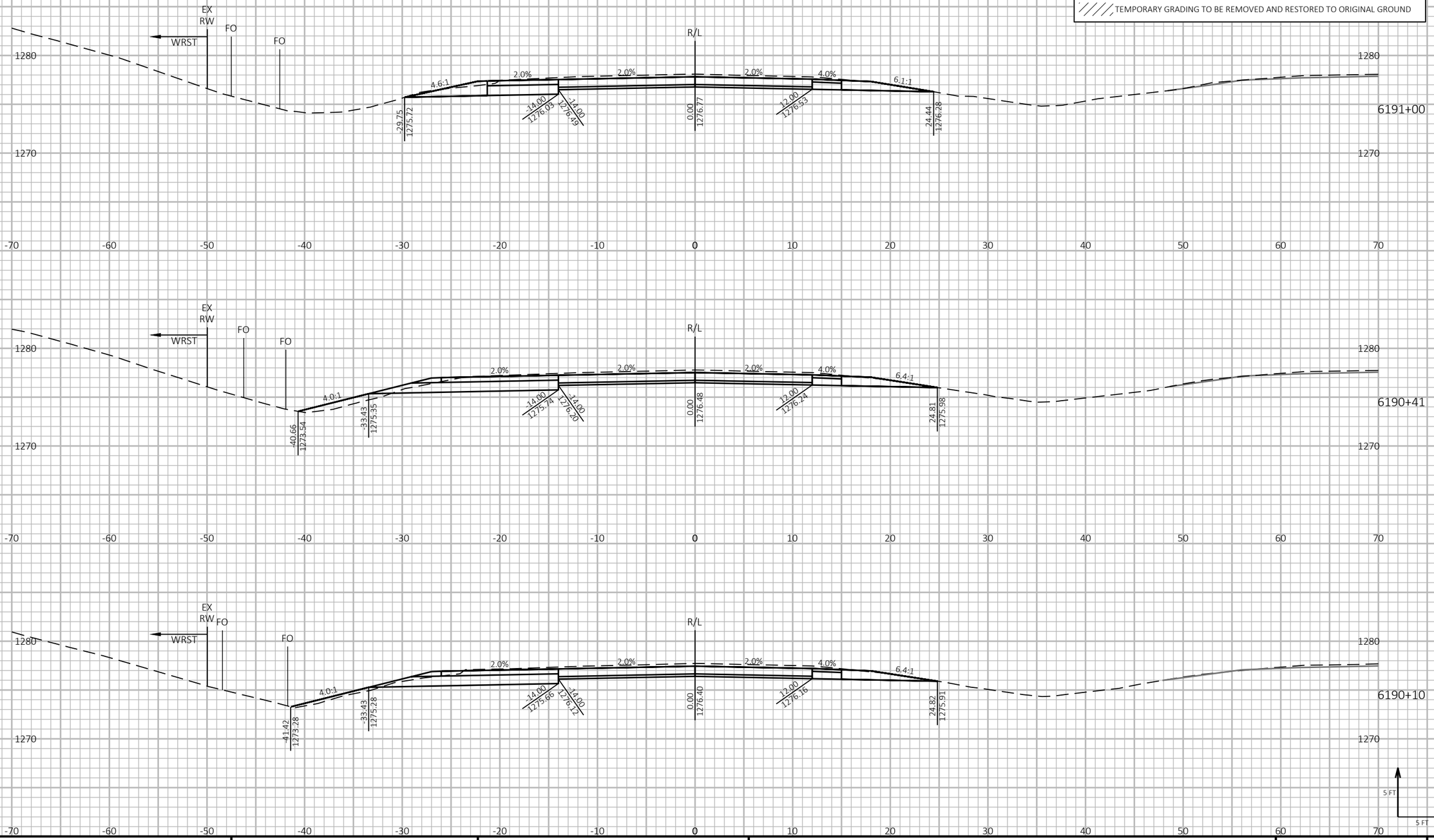
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 956	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 28

PLOT DATE : 3/25/2022 10:18 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

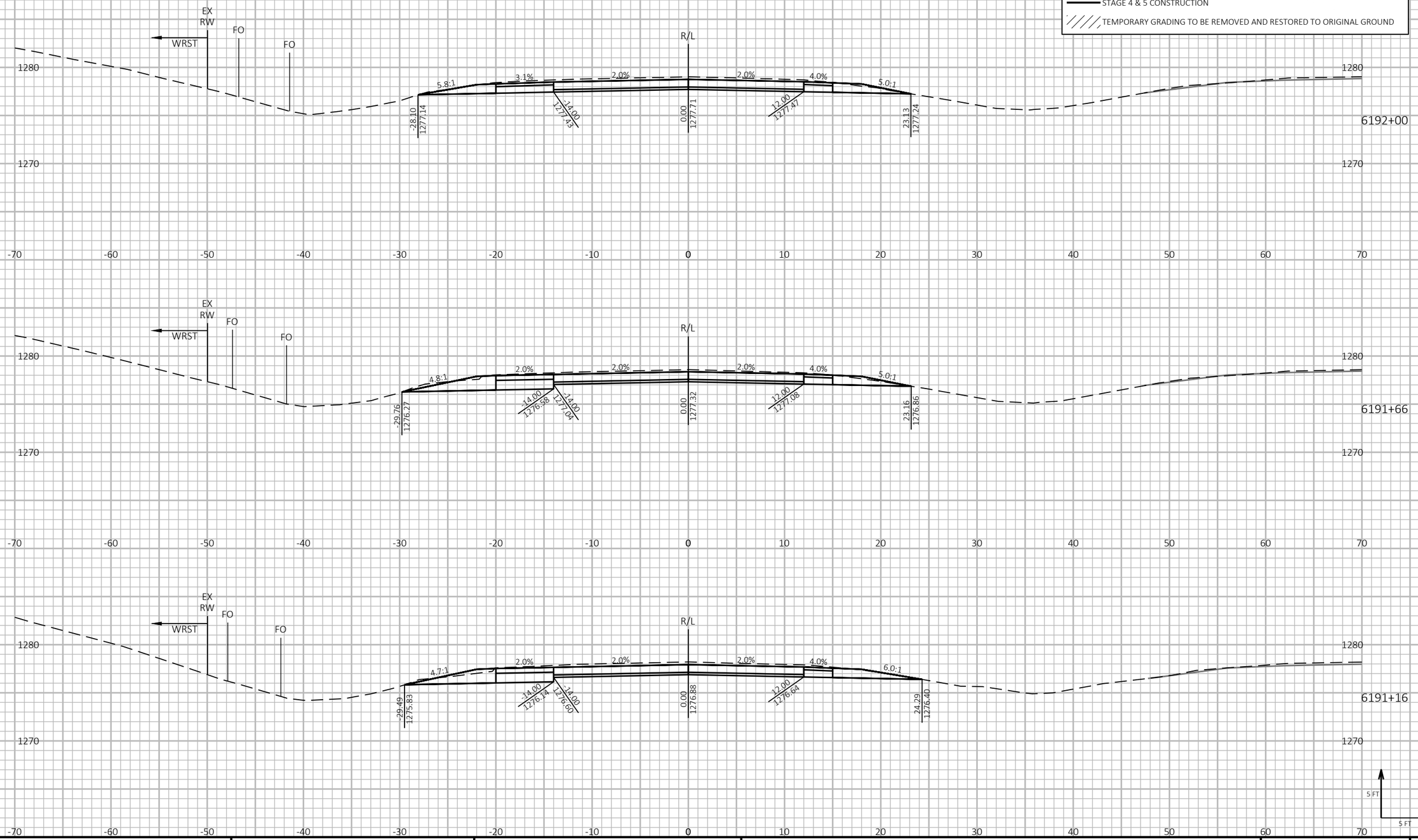
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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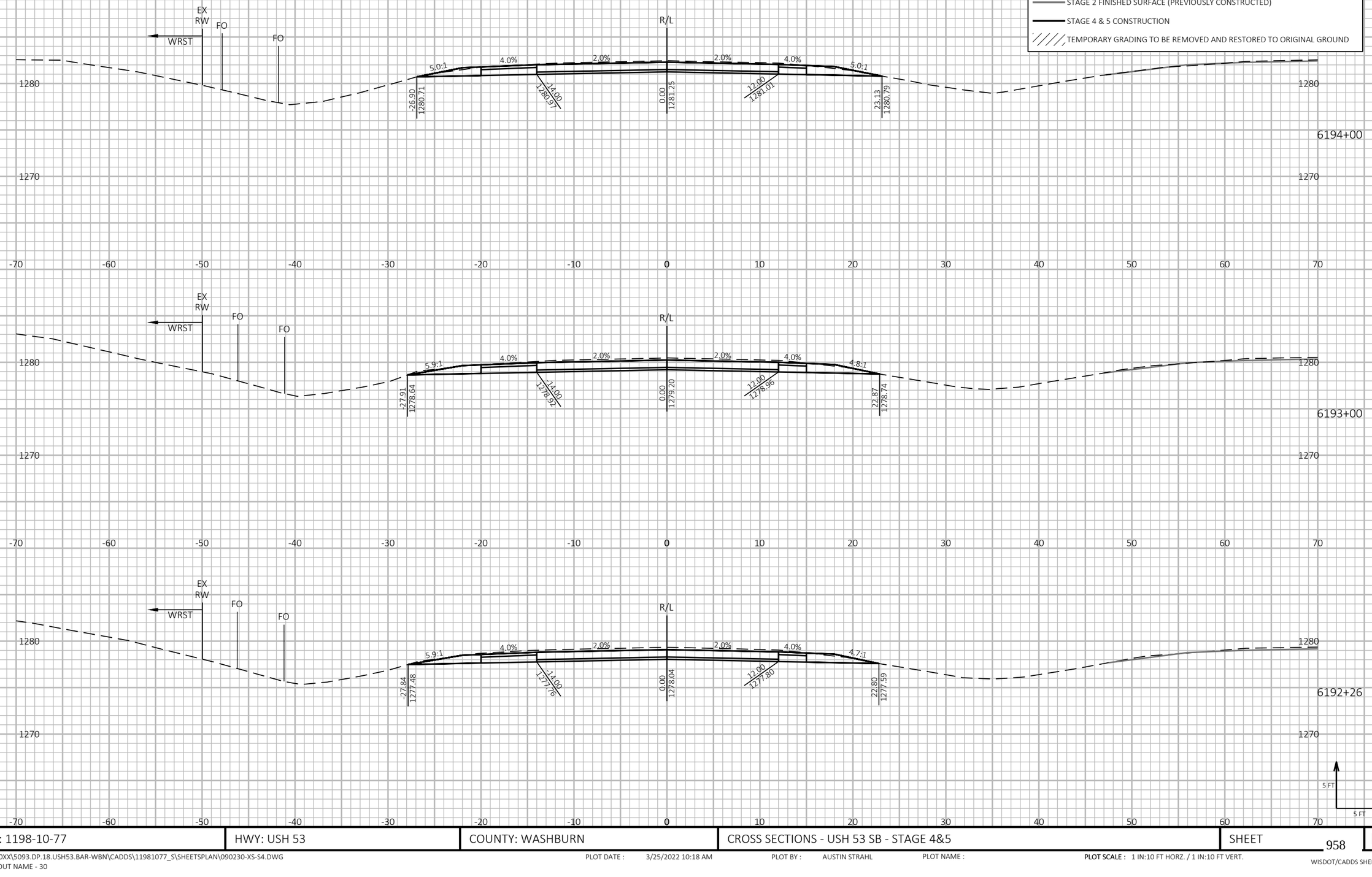
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 957	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 29

PLOT DATE : 3/25/2022 10:18 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 958	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 30

PLOT DATE : 3/25/2022 10:18 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

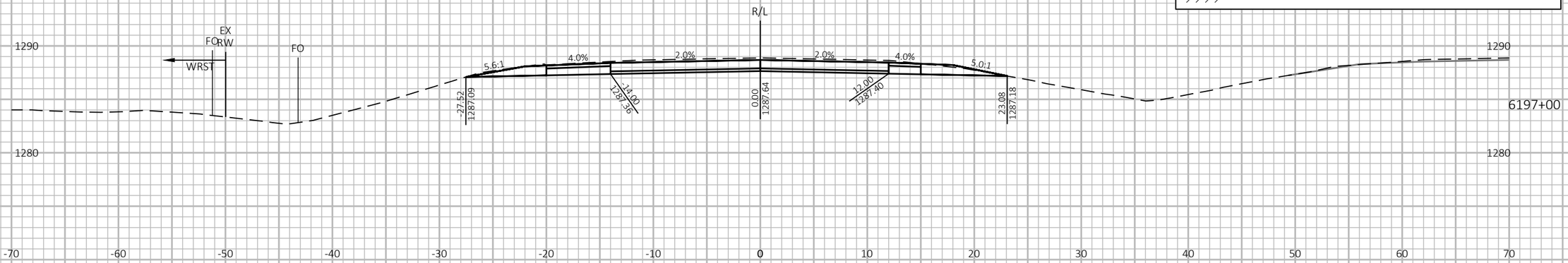
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

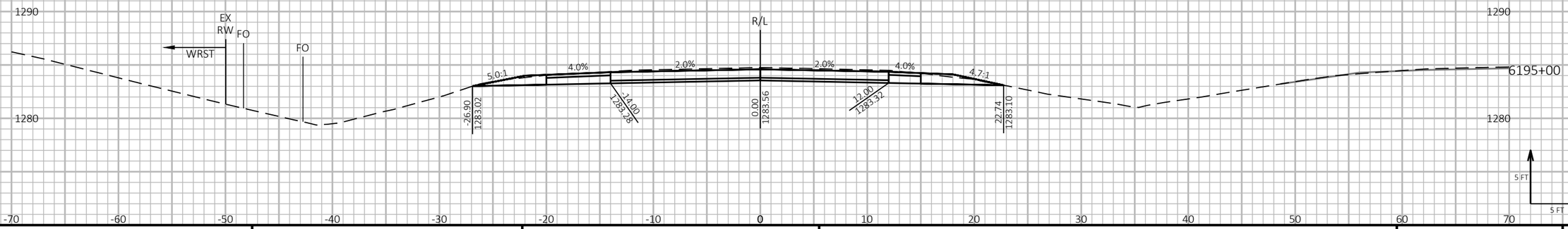
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 959	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 31

PLOT DATE : 3/25/2022 10:19 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

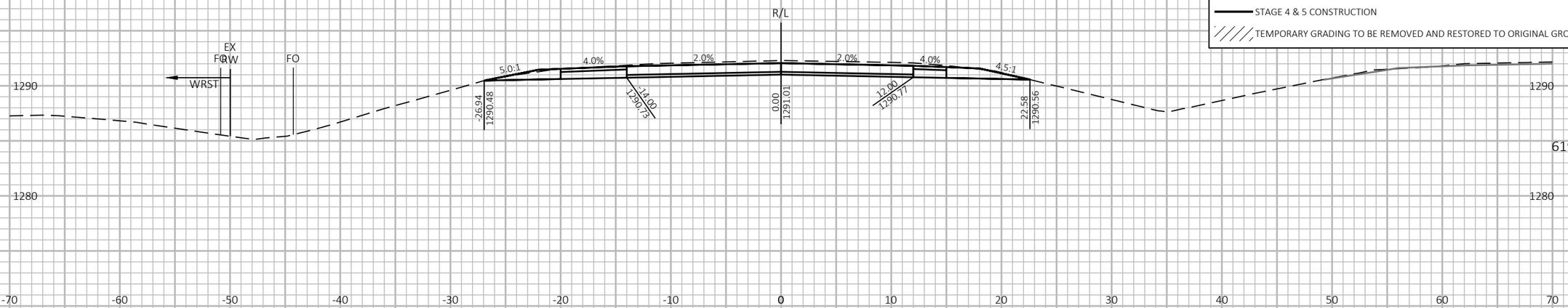
EXISTING GROUND

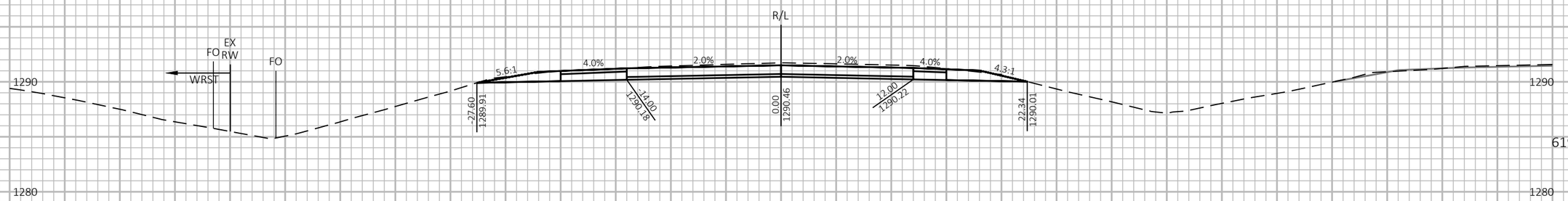
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

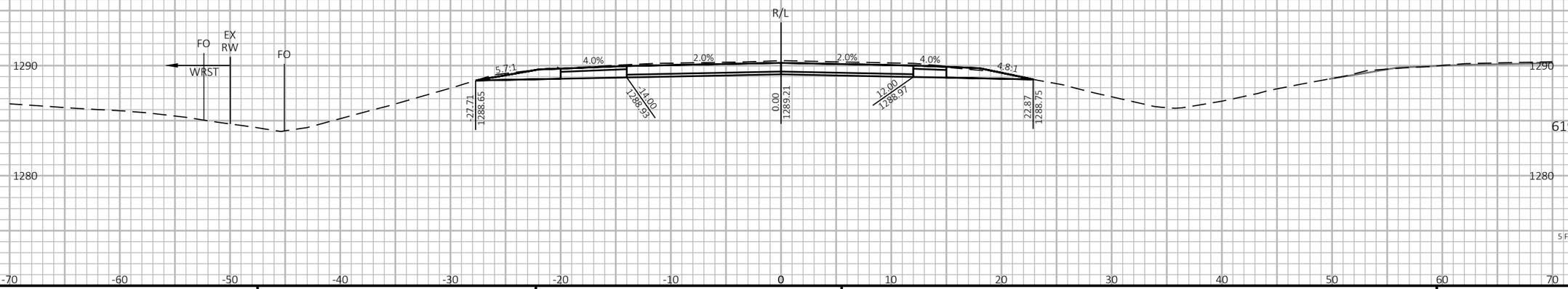
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 960	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 32

PLOT DATE : 3/25/2022 10:19 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

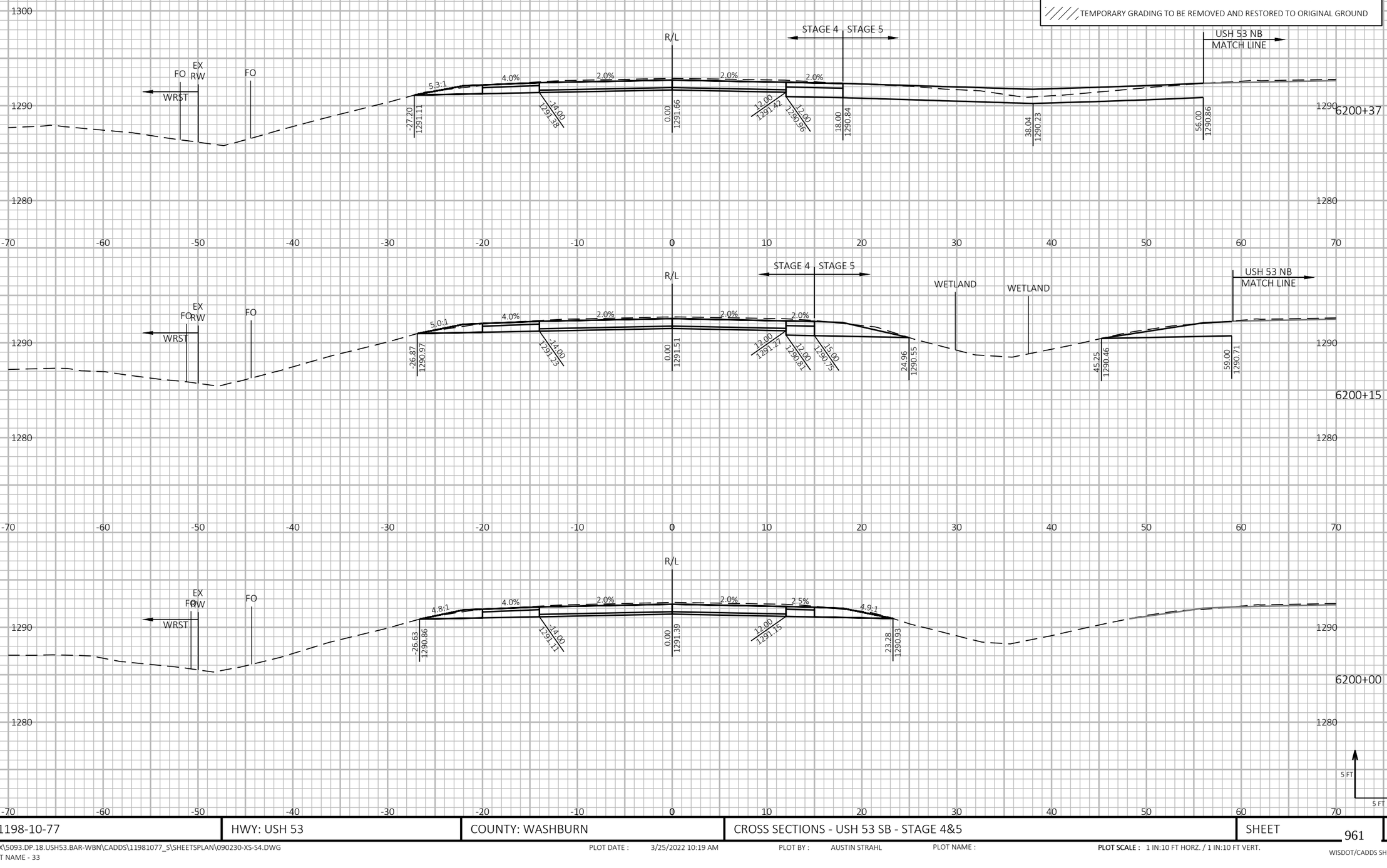
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 961	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 33

PLOT DATE : 3/25/2022 10:19 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

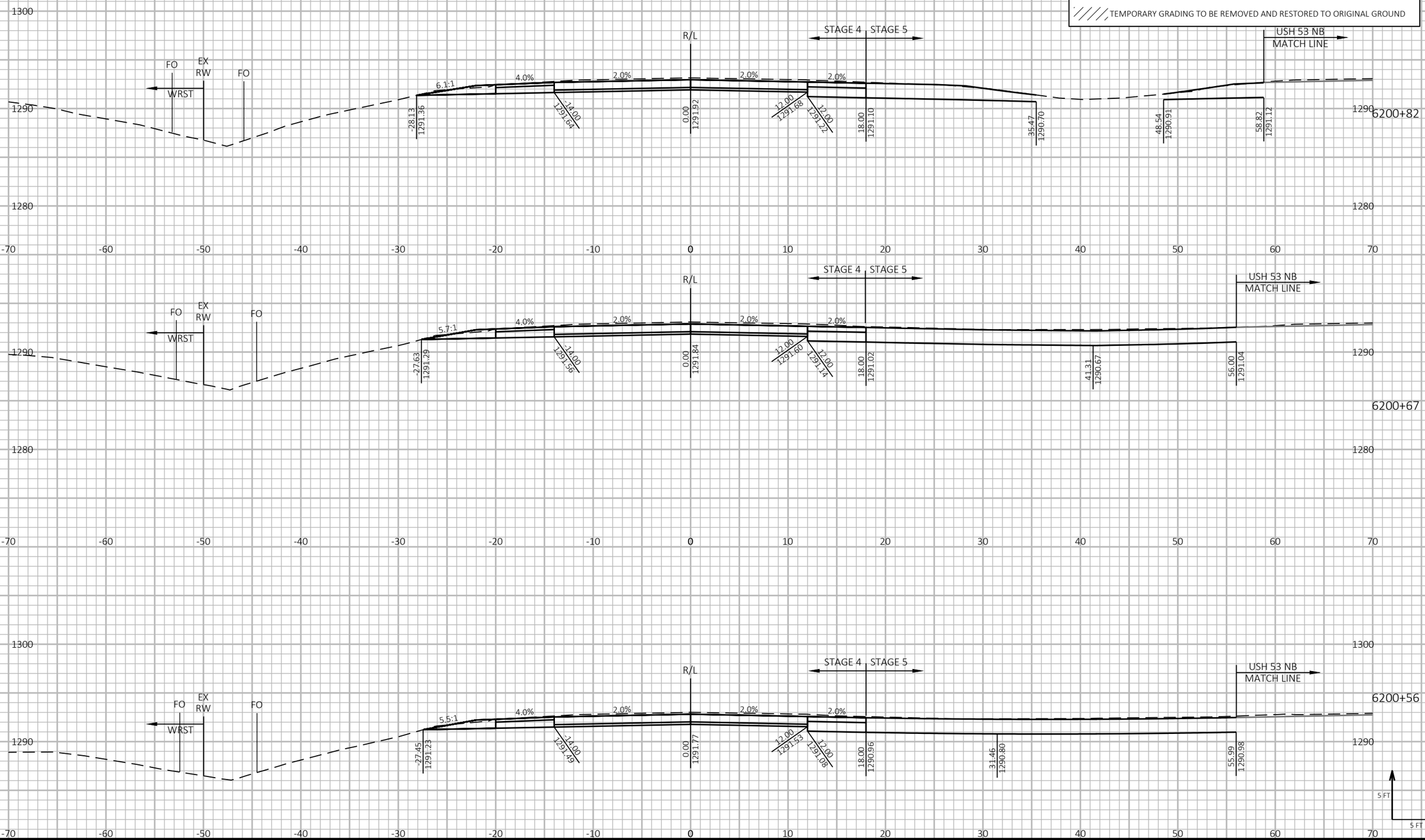
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 962	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 34

PLOT DATE : 3/25/2022 10:19 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

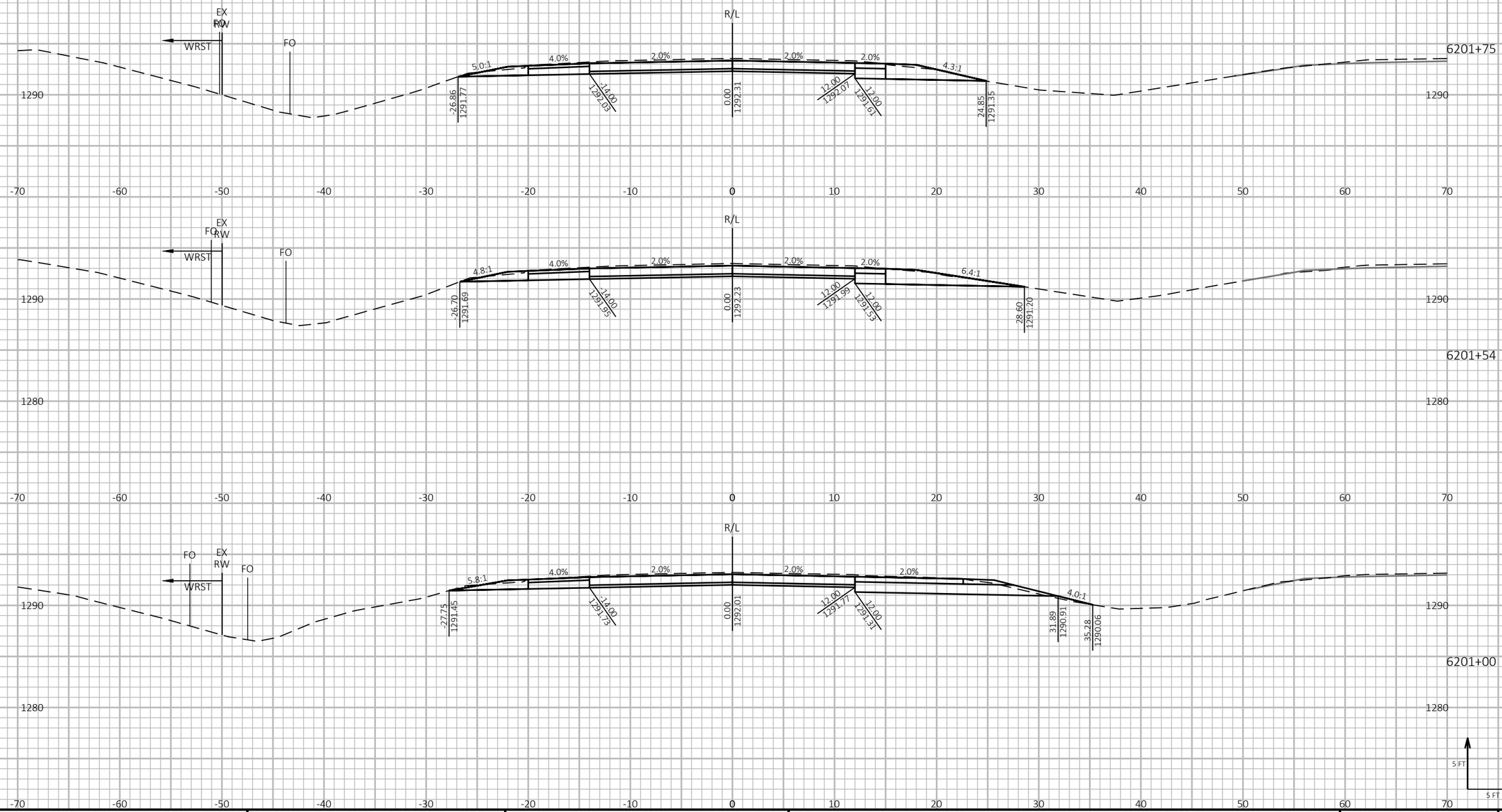
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 963	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 35

PLOT DATE : 3/25/2022 10:20 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

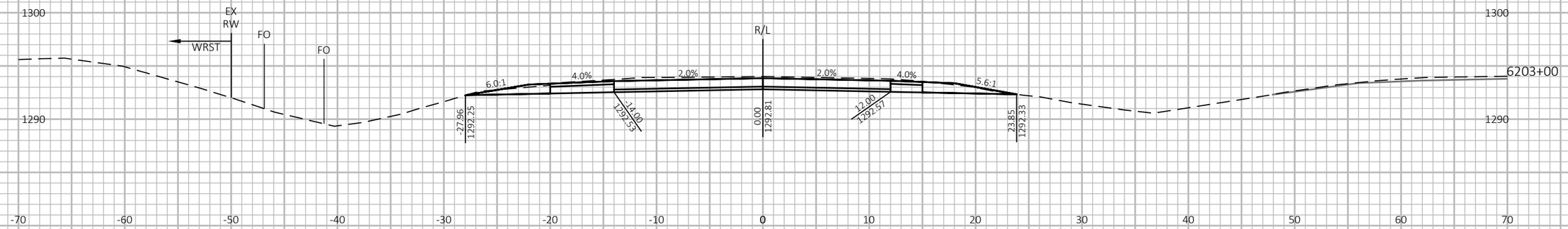
EXISTING GROUND

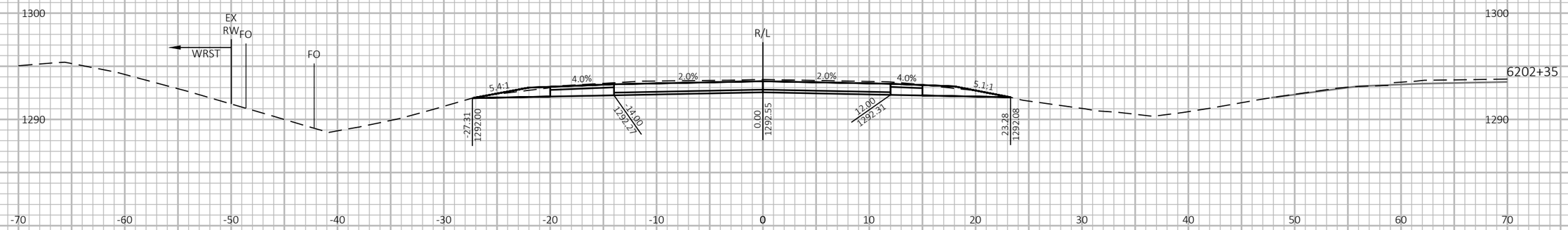
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

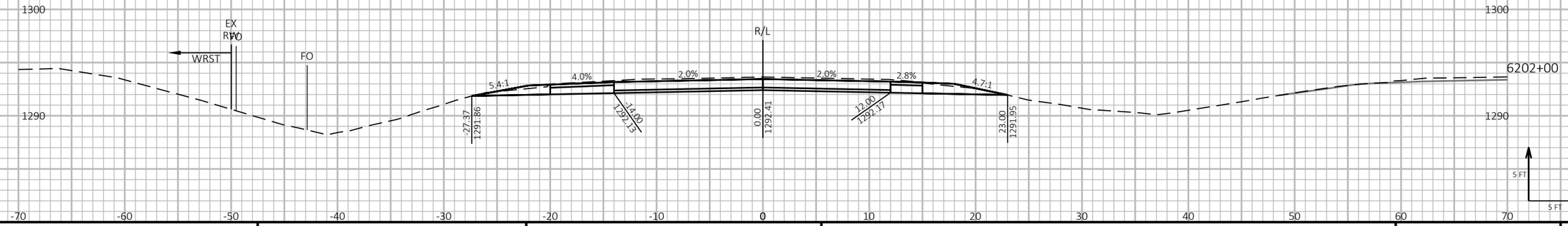
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 964	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 36

PLOT DATE : 3/25/2022 10:20 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

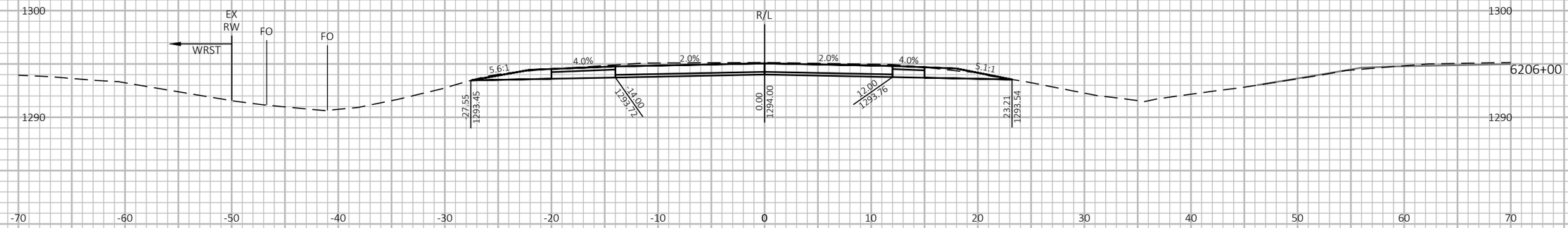
EXISTING GROUND

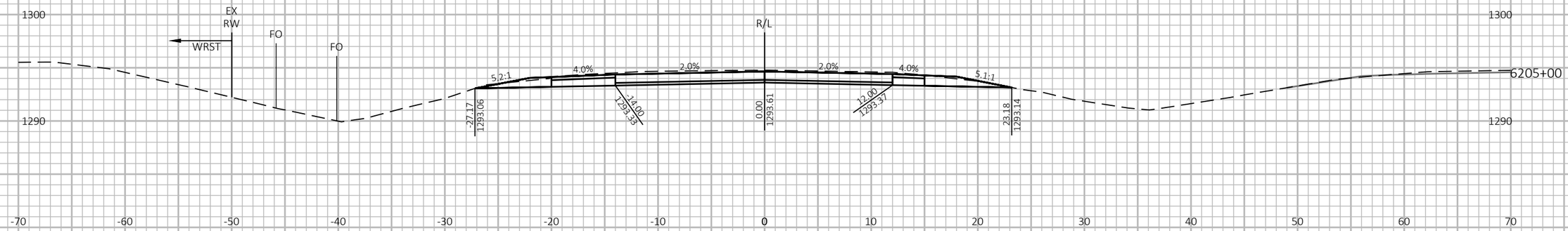
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

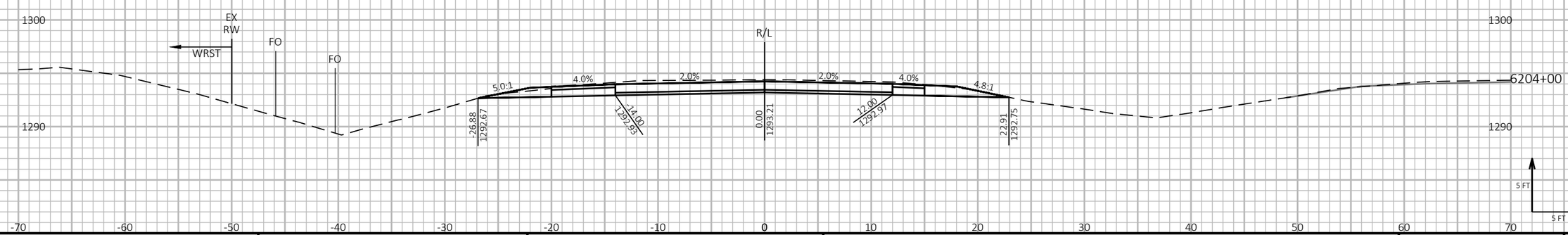
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 965	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 37

PLOT DATE : 3/25/2022 10:20 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

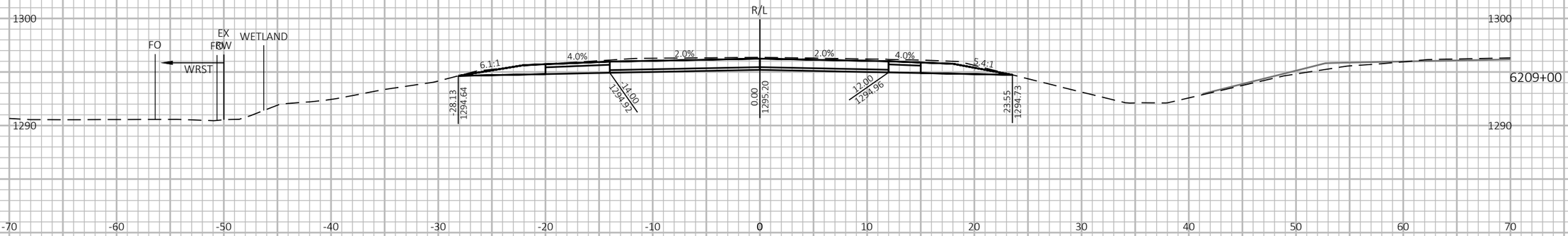
EXISTING GROUND

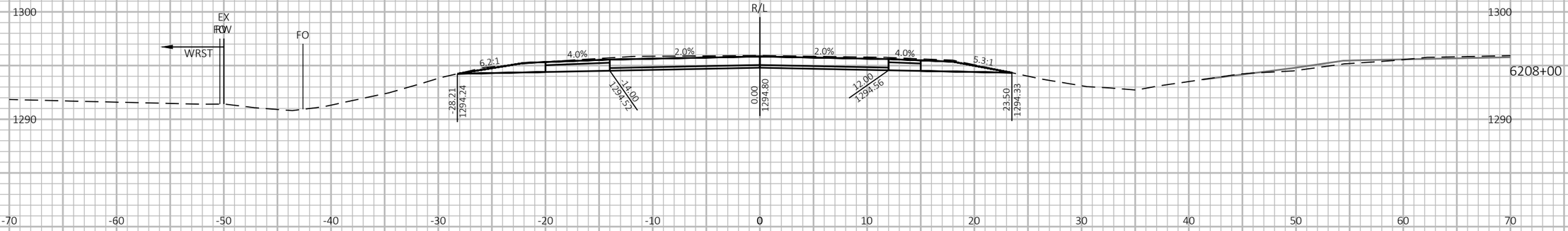
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

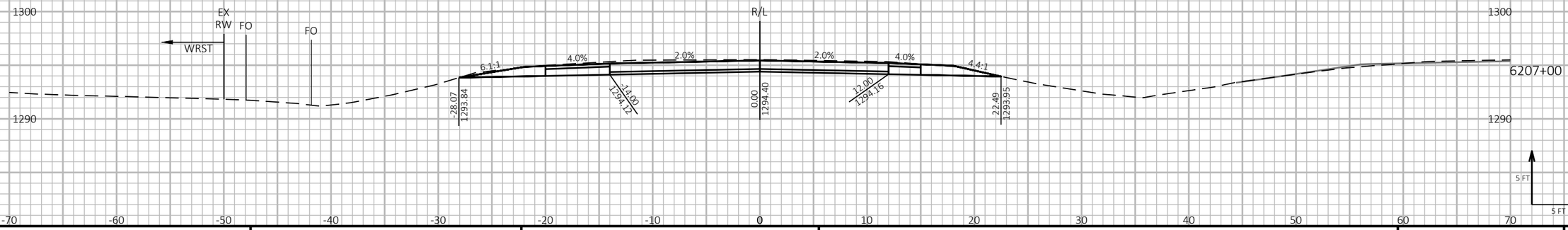
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 966	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 38

PLOT DATE : 3/25/2022 10:20 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

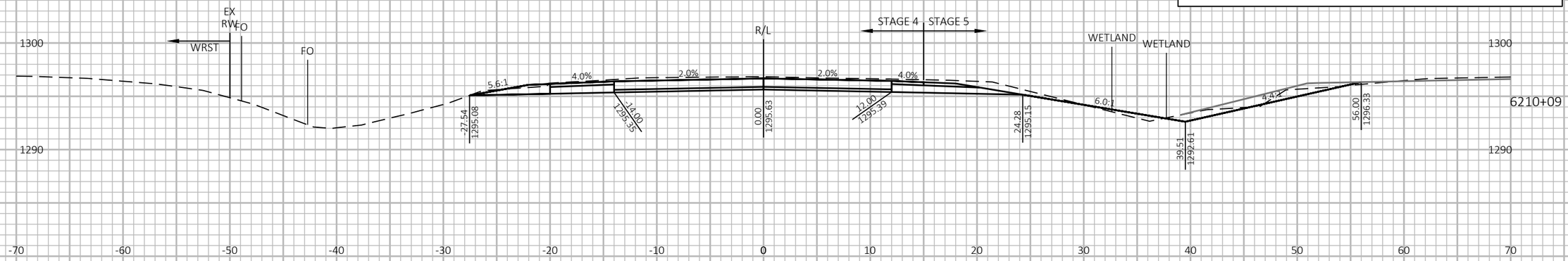
EXISTING GROUND

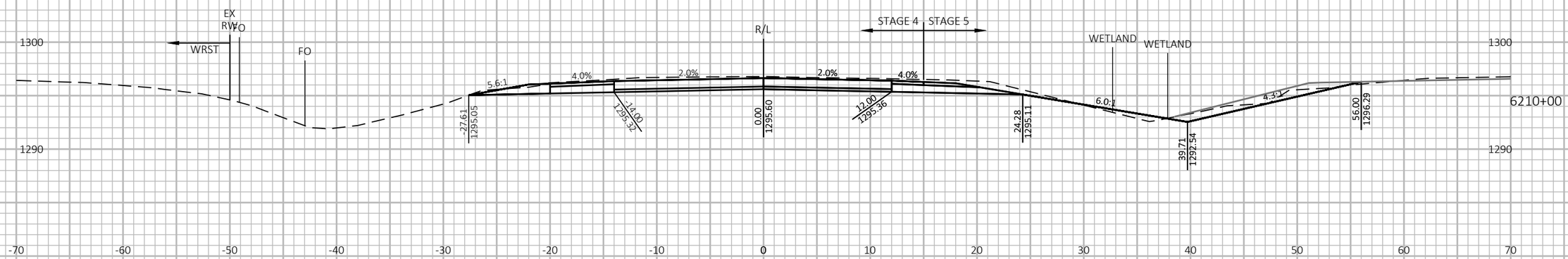
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

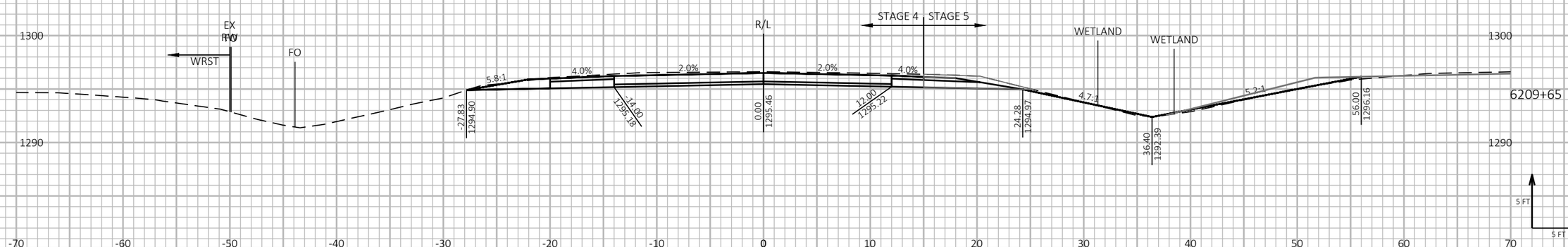
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 967	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 39

PLOT DATE : 3/25/2022 10:21 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

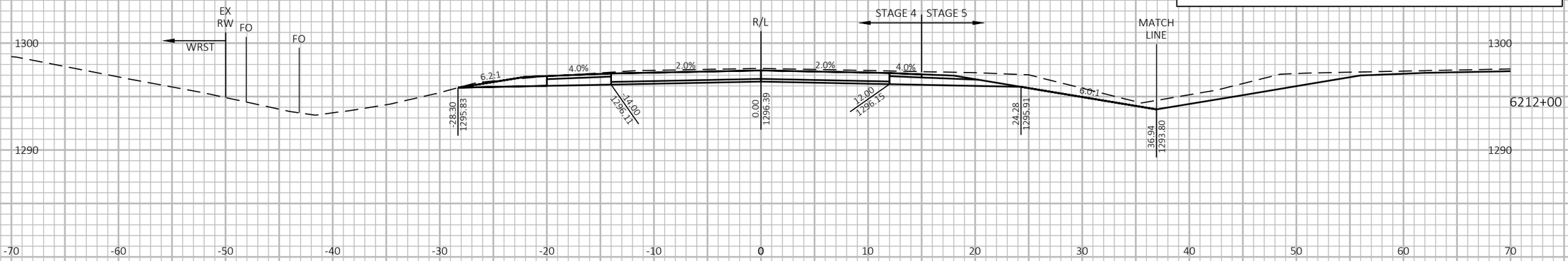
EXISTING GROUND

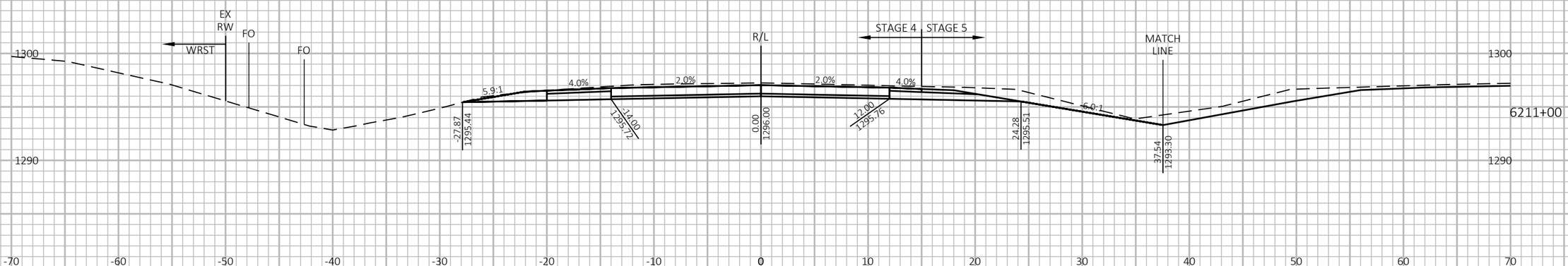
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

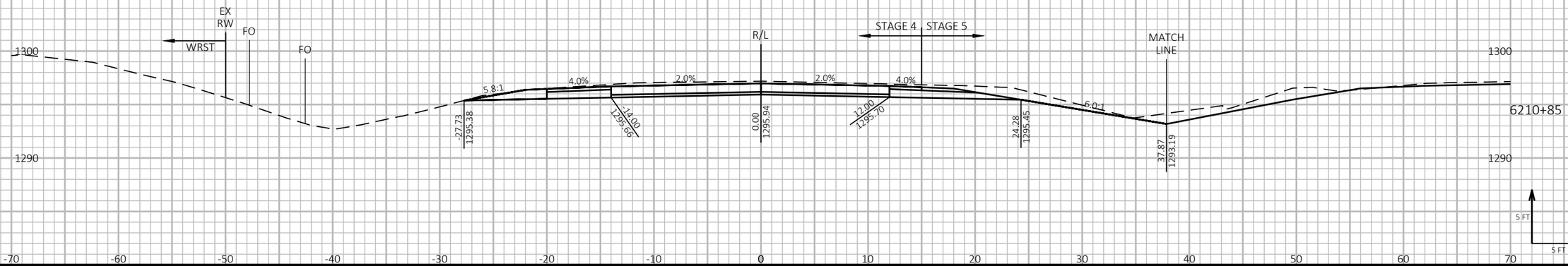
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 968	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 40

PLOT DATE : 3/25/2022 10:21 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 969	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 41

PLOT DATE : 3/25/2022 10:21 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 970	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 42

PLOT DATE : 3/25/2022 10:22 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 971	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 43

PLOT DATE : 3/25/2022 10:22 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 972	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 44

PLOT DATE : 3/25/2022 10:22 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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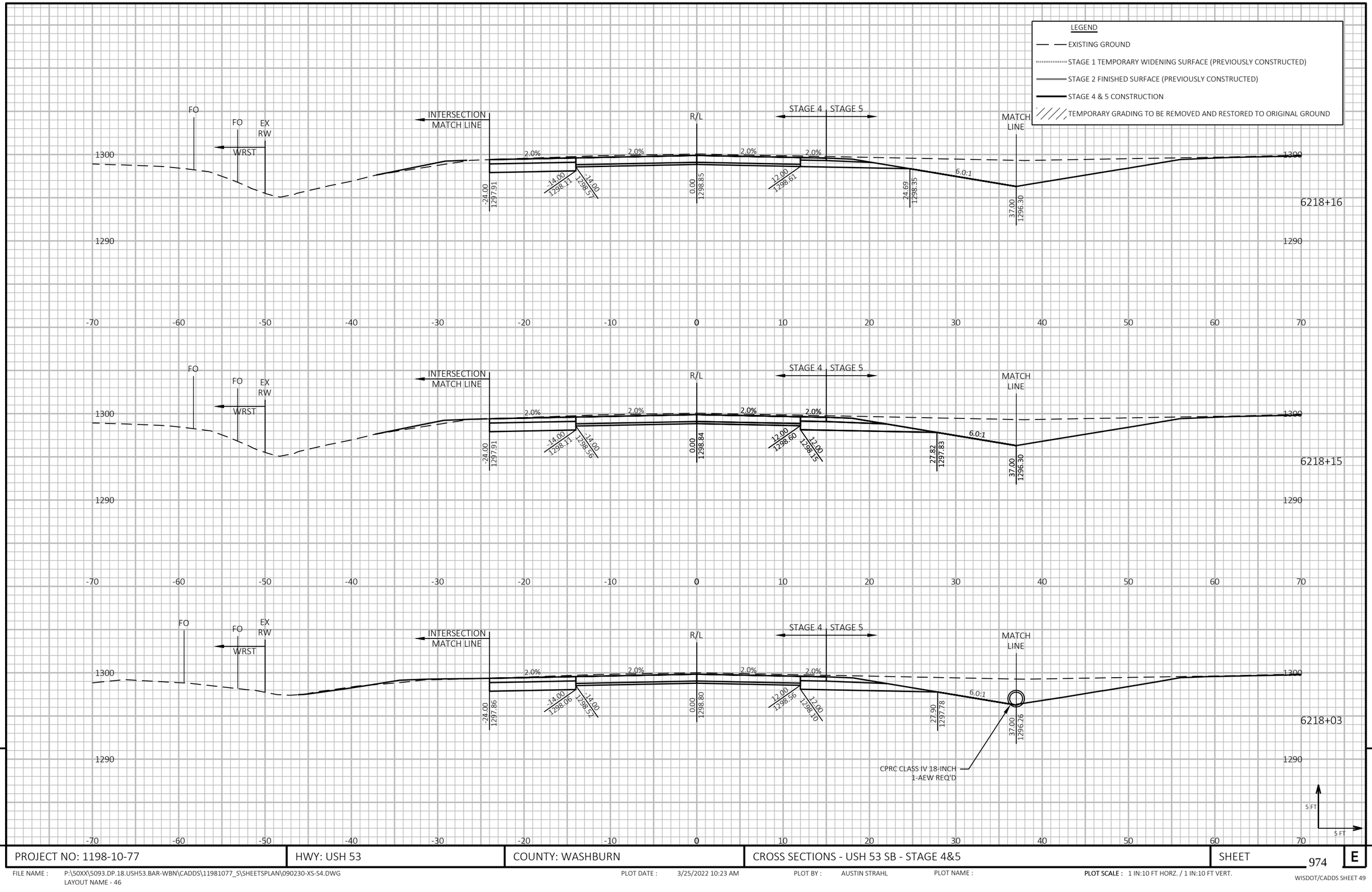
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 973	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 45

PLOT DATE : 3/25/2022 10:22 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 974	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 46

PLOT DATE : 3/25/2022 10:23 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

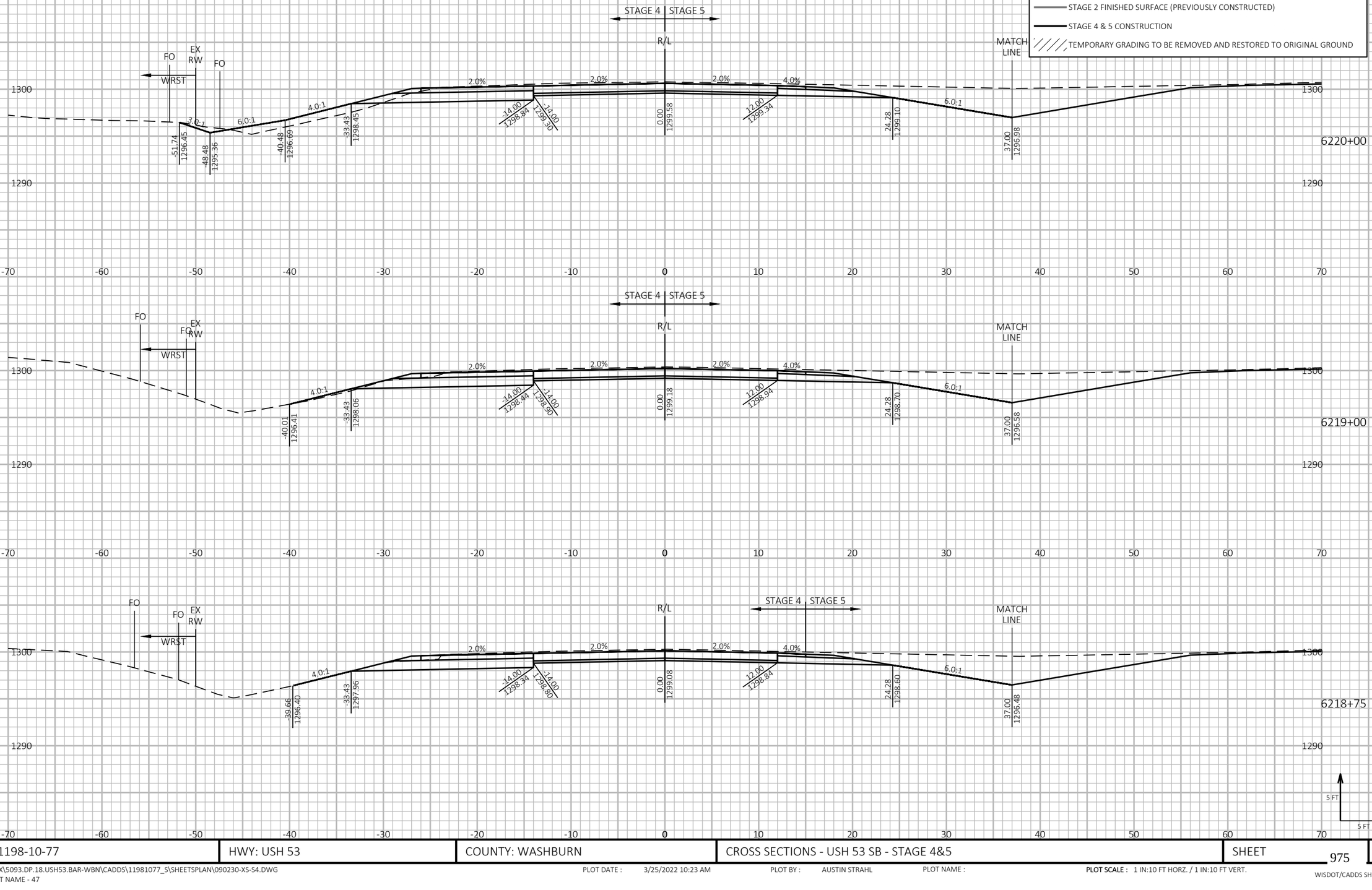
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 975	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 47

PLOT DATE : 3/25/2022 10:23 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

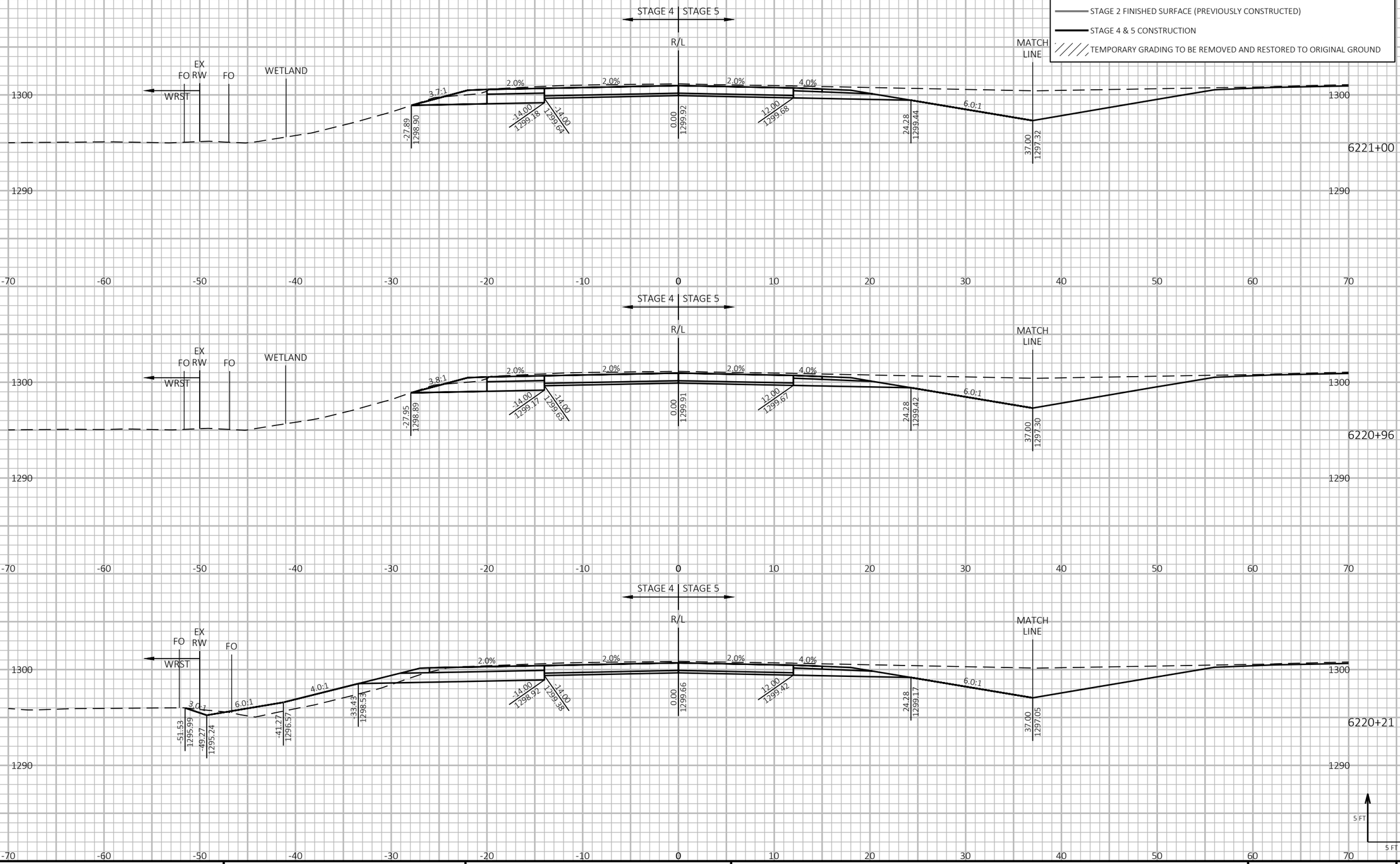
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 976	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 48

PLOT DATE : 3/25/2022 10:23 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

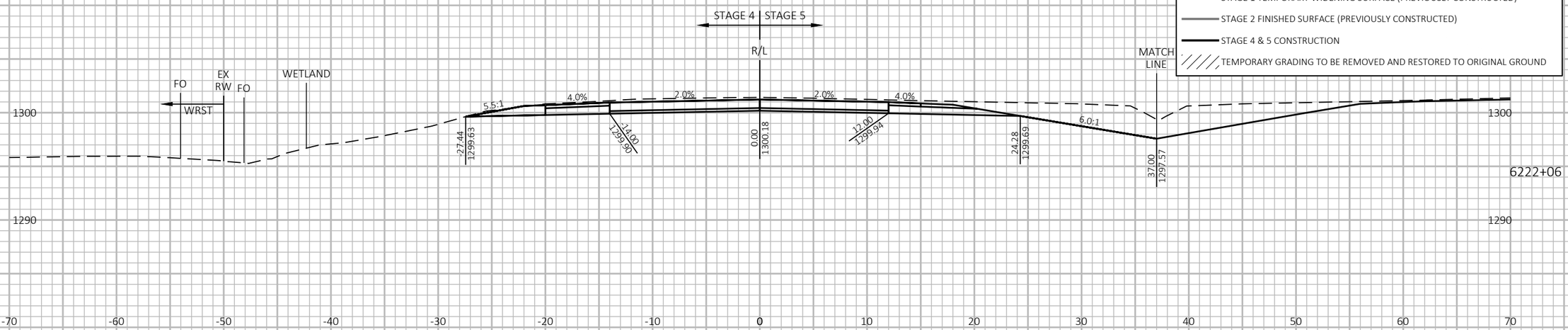
EXISTING GROUND

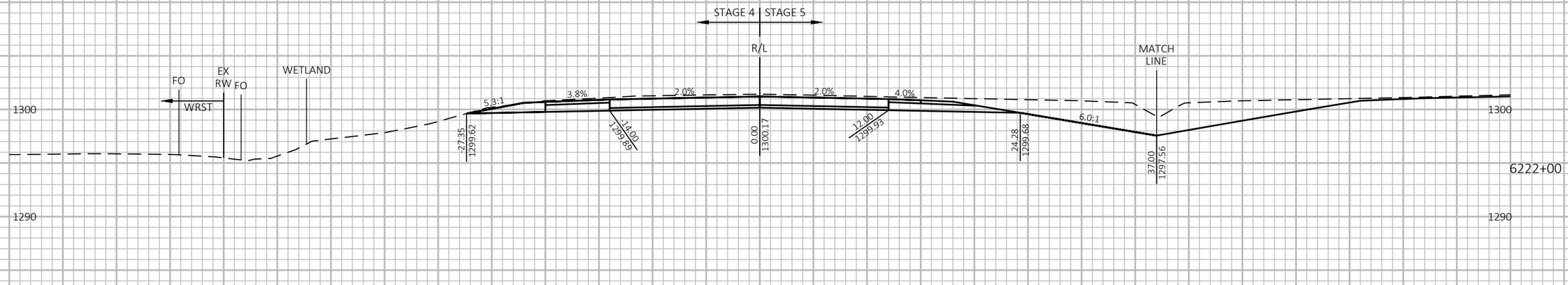
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

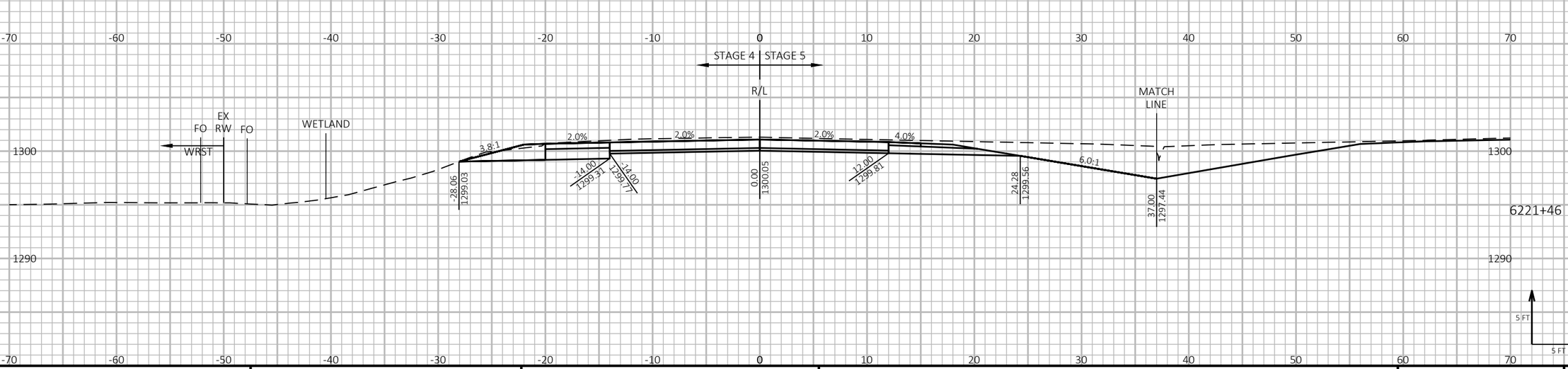
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

9 9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 977	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 49

PLOT DATE : 3/25/2022 10:23 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

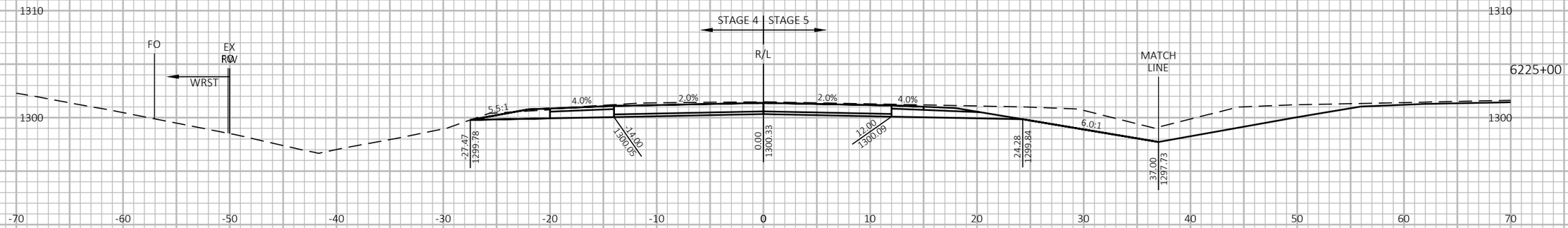
EXISTING GROUND

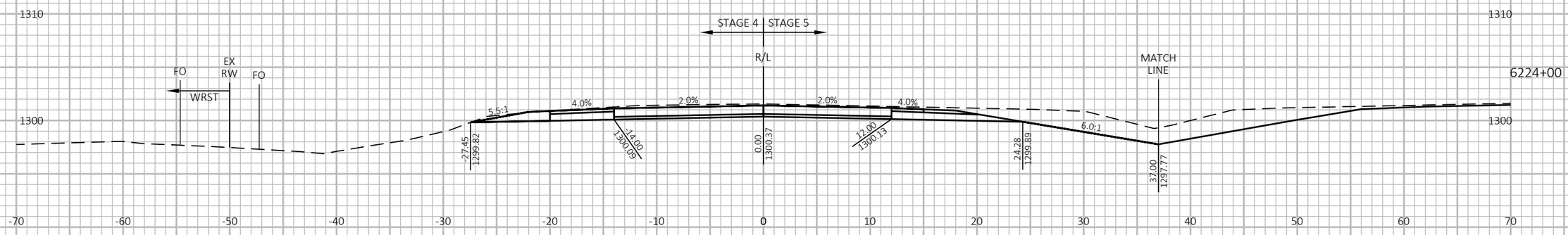
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

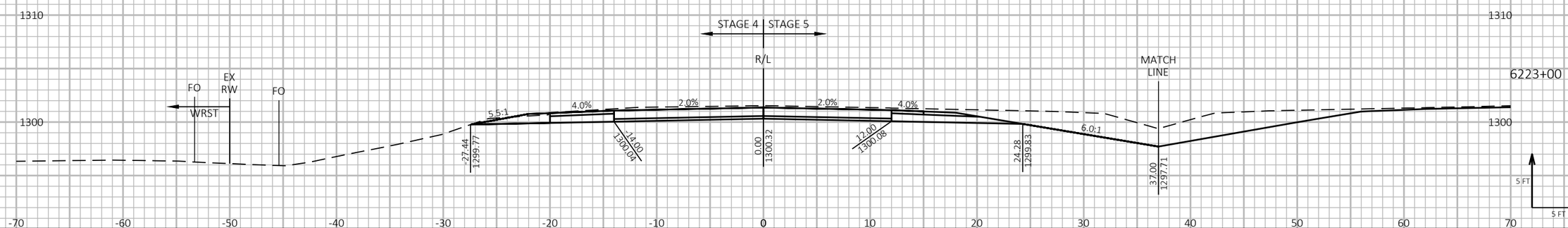
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 978	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 50

PLOT DATE : 3/25/2022 10:24 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

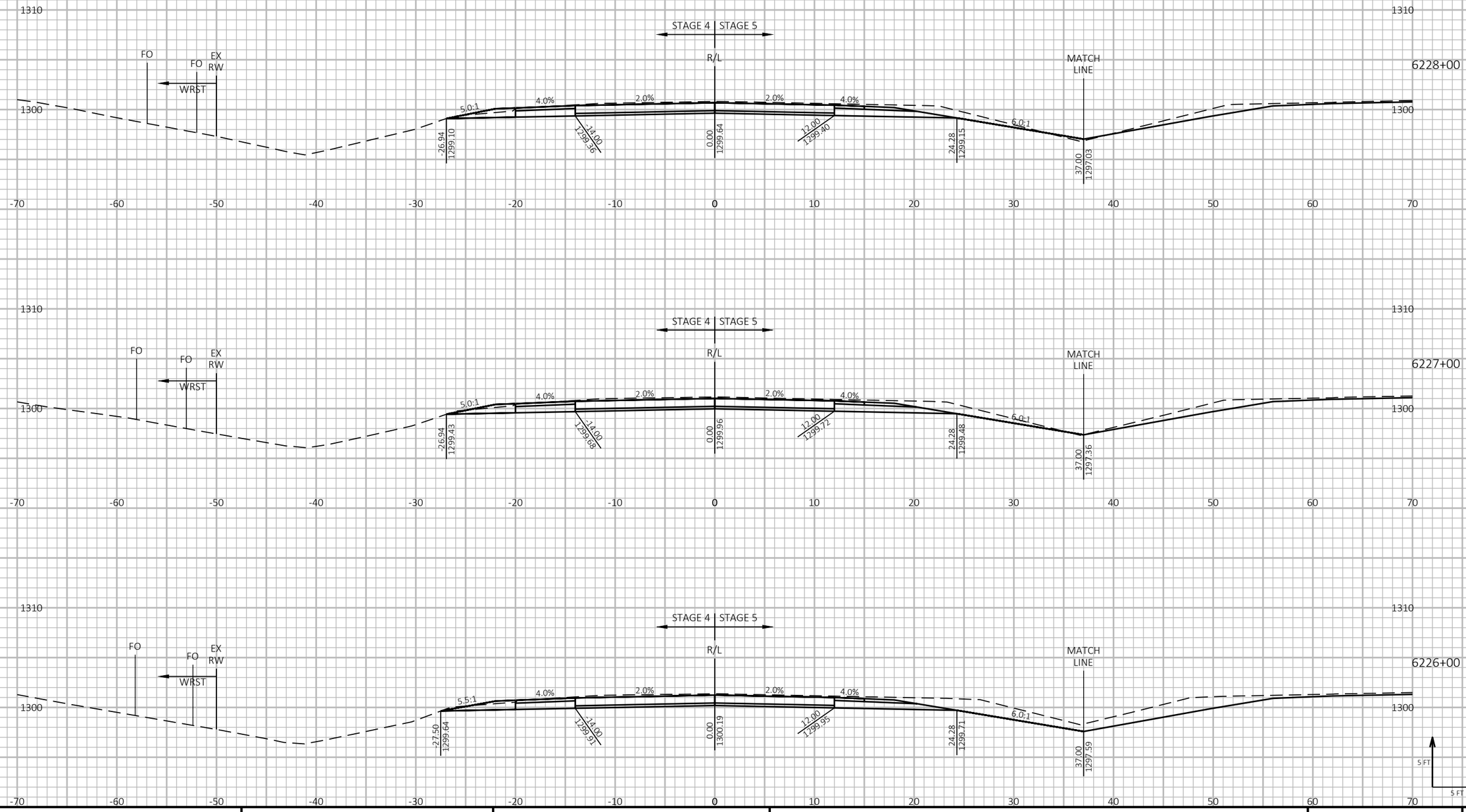
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 979	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 51

PLOT DATE : 3/25/2022 10:24 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

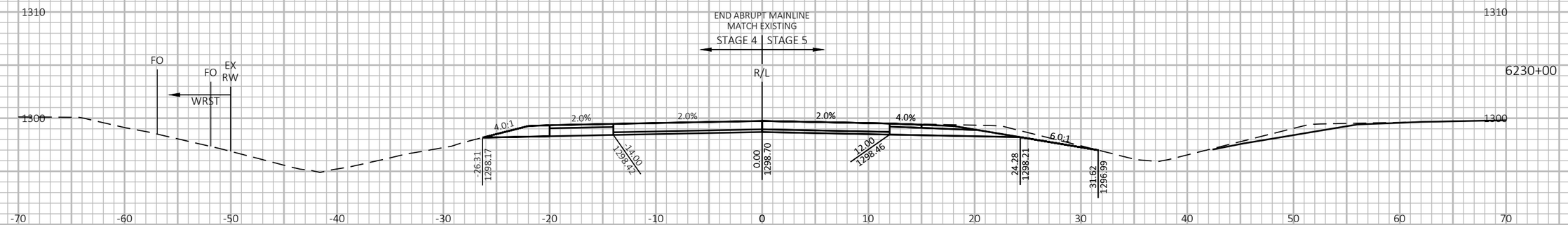
EXISTING GROUND

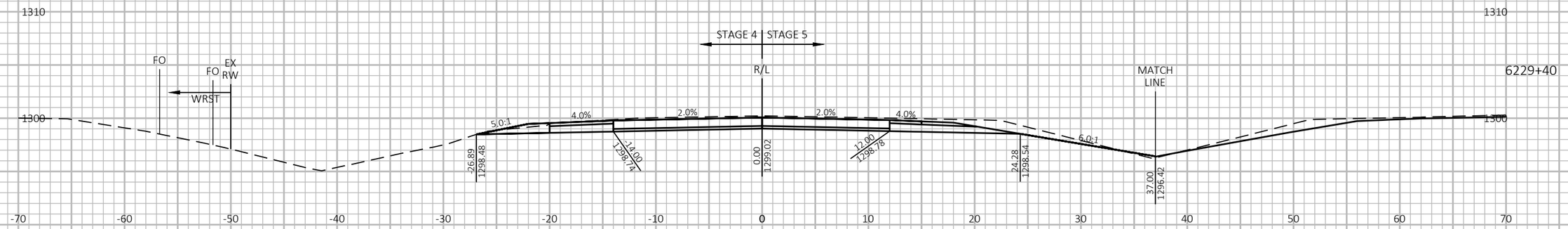
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

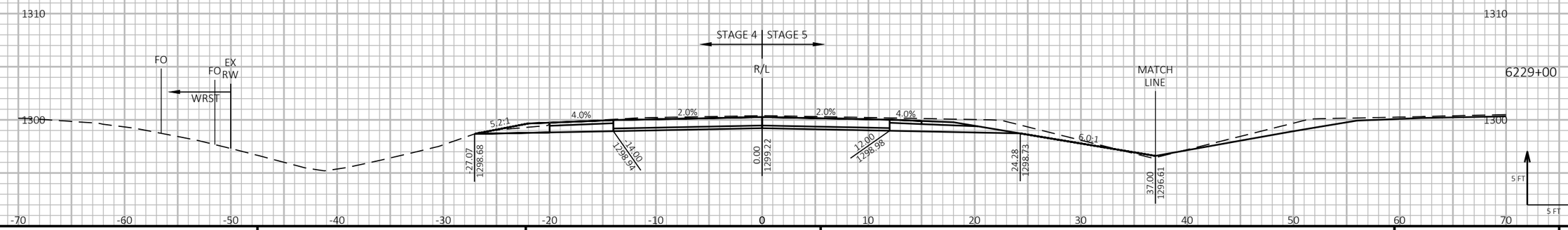
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 980	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 52

PLOT DATE : 3/25/2022 10:24 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

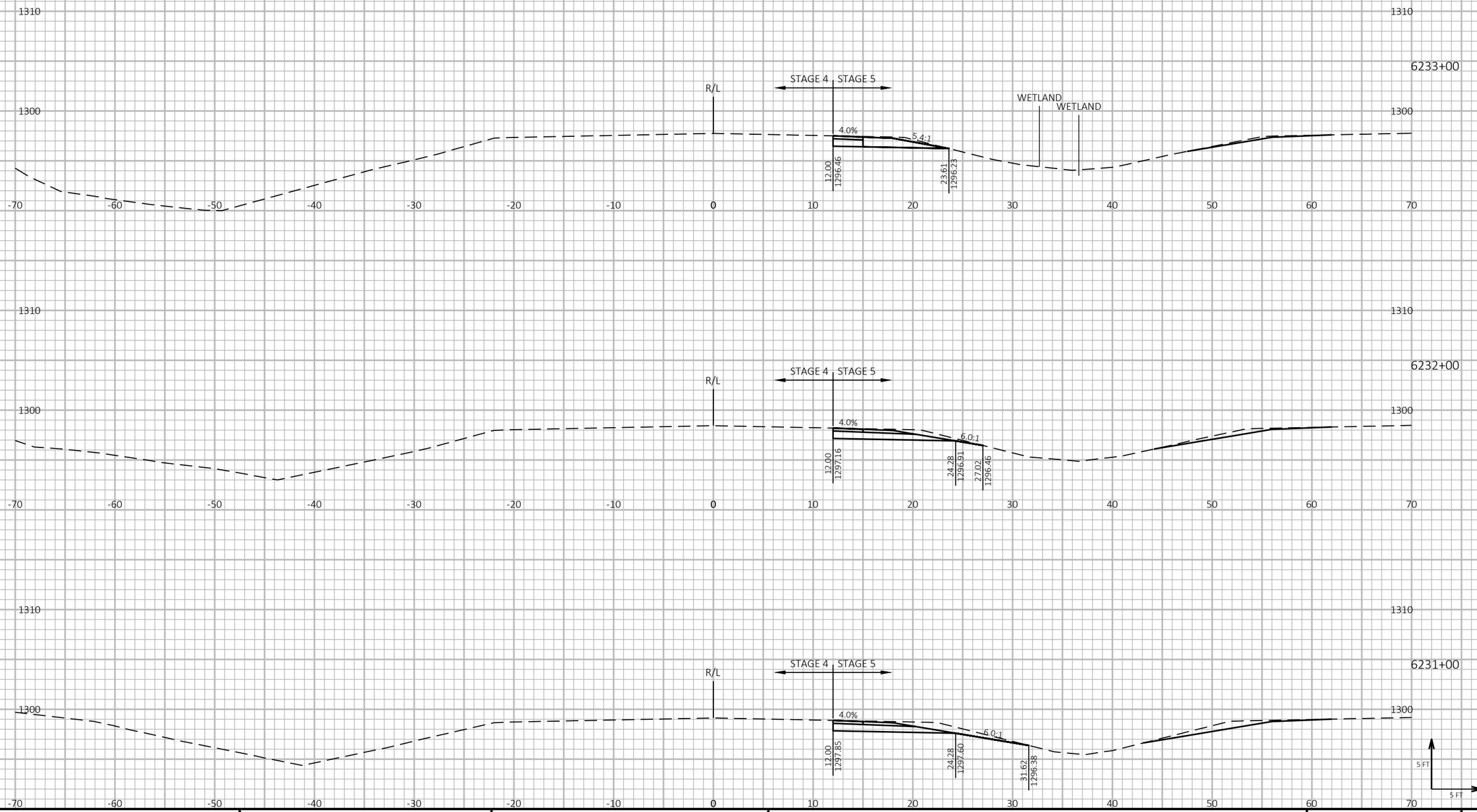
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 981	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 53

PLOT DATE : 3/25/2022 10:24 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

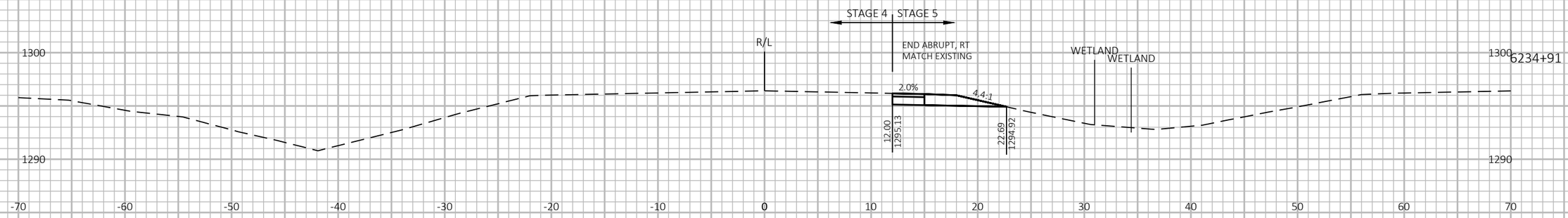
EXISTING GROUND

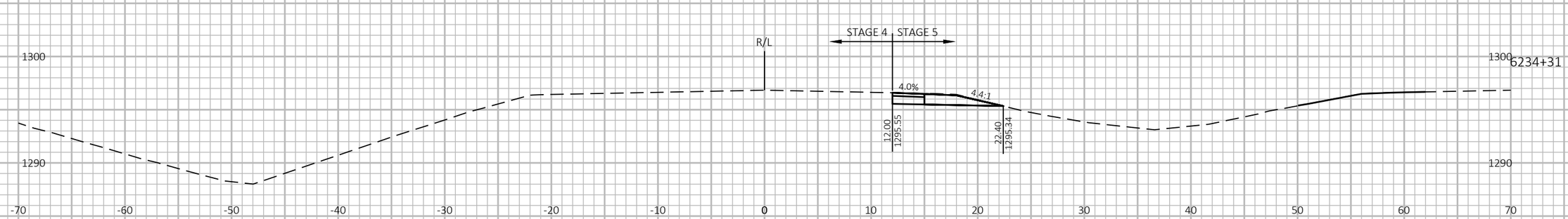
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

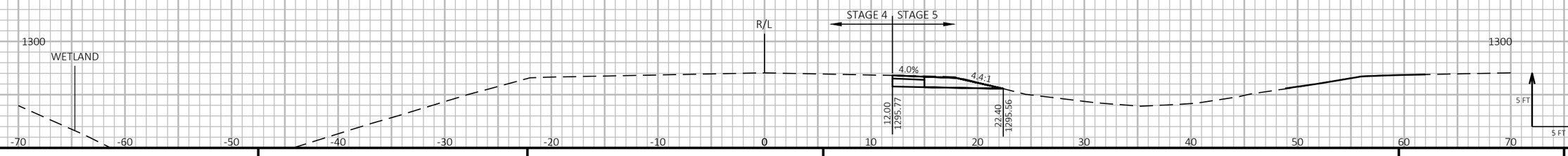
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 982	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090230-XS-S4.DWG
LAYOUT NAME - 54

PLOT DATE : 3/25/2022 10:25 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

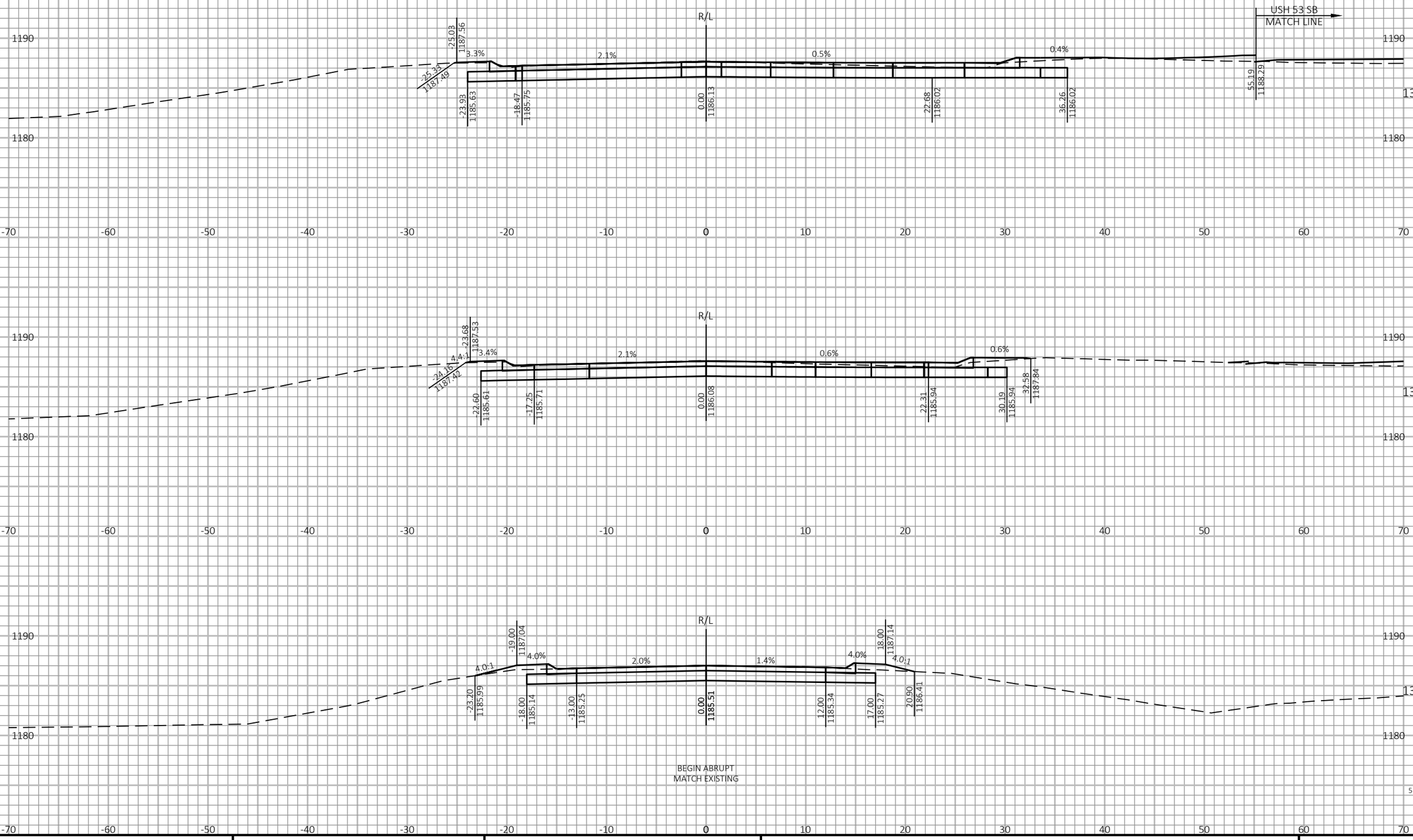
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	USH 53	COUNTY: BARRON	CROSS SECTIONS - 26TH AVE - STAGE 4	SHEET 983	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090231-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 2/1/2022 3:39 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

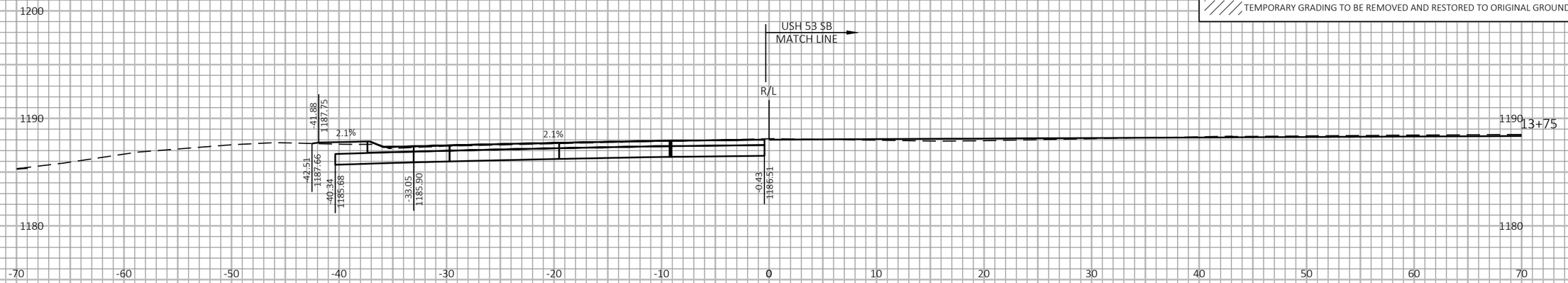
EXISTING GROUND

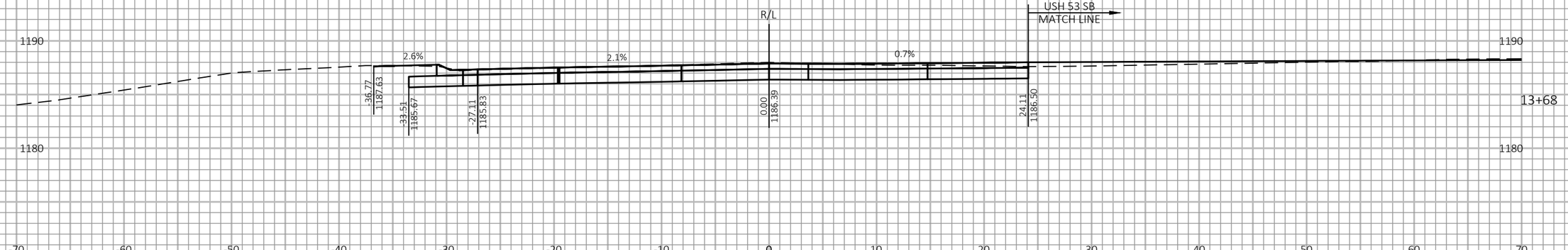
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

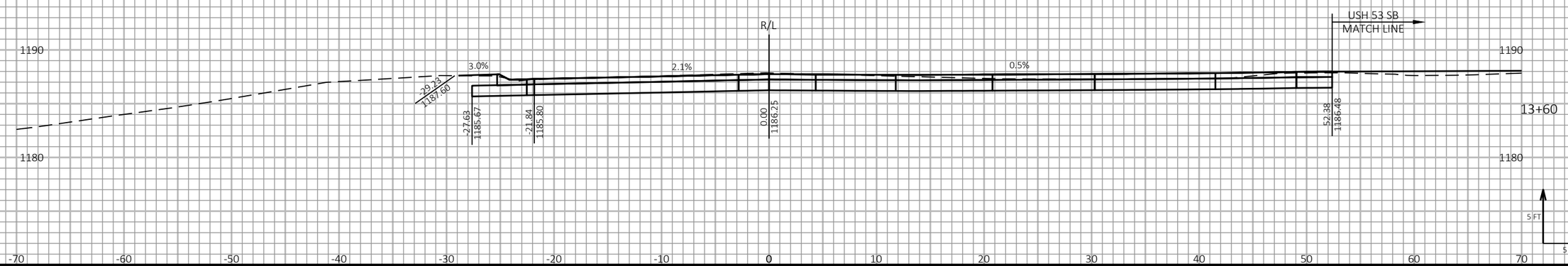
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	USH 53	COUNTY: BARRON	CROSS SECTIONS - 26TH AVE - STAGE 4	SHEET 984	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090231-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 2/1/2022 3:40 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

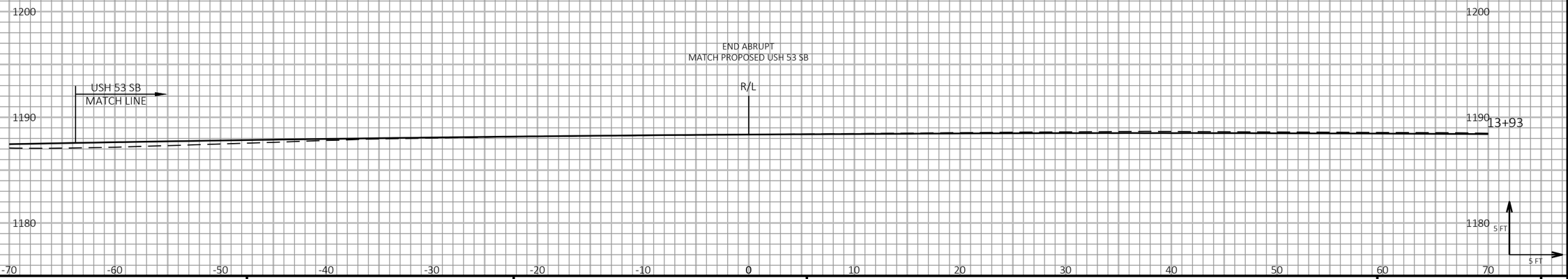
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1198-10-77	USH 53	COUNTY: BARRON	CROSS SECTIONS - 26TH AVE - STAGE 4	SHEET 985	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090231-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 2/1/2022 3:40 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

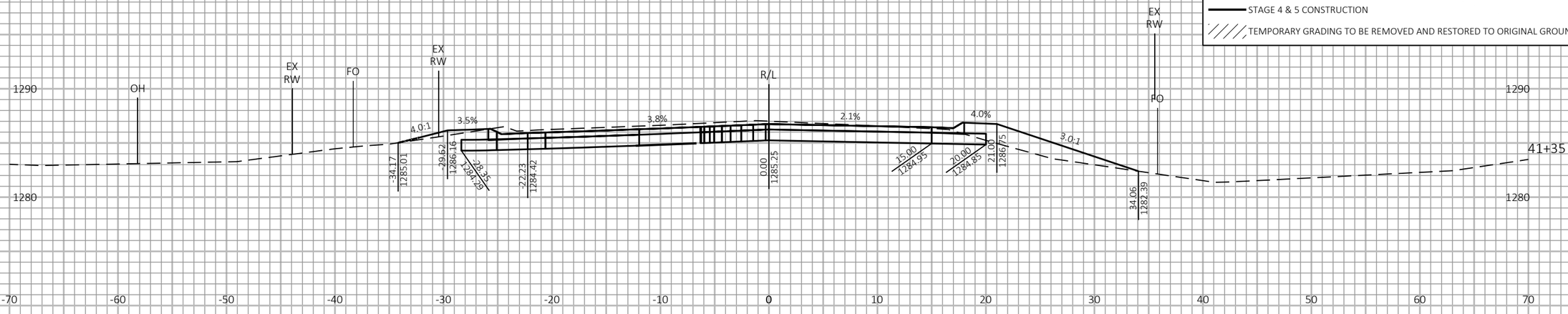
EXISTING GROUND

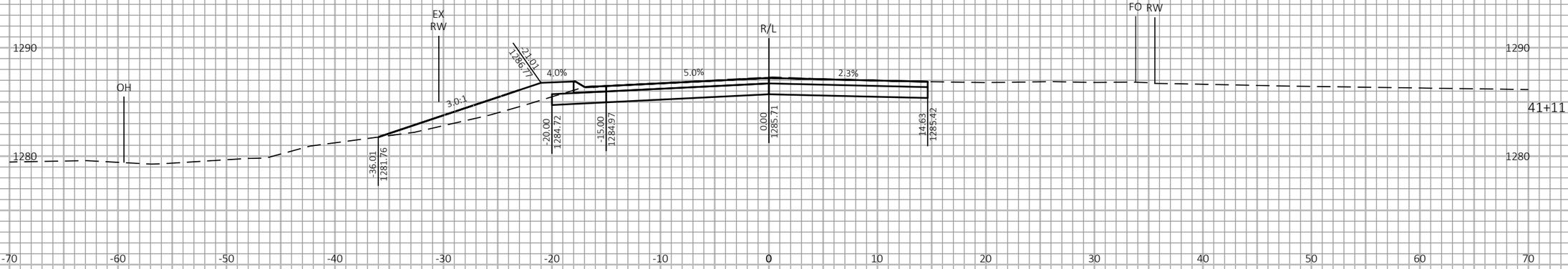
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

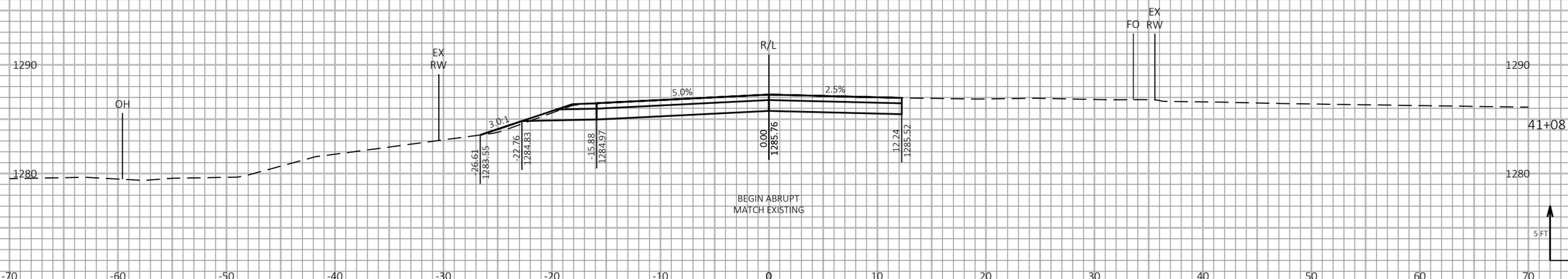
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - 30TH AVE - STAGE 4	SHEET 986	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090232-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 2/3/2022 7:30 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

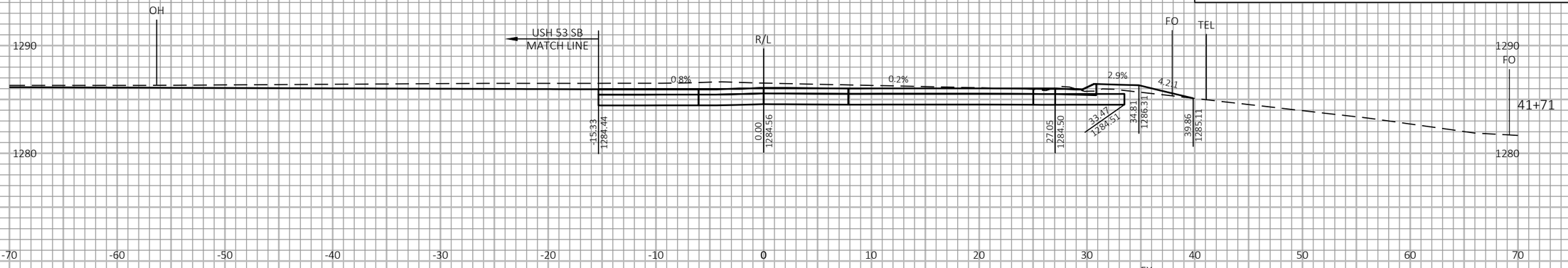
EXISTING GROUND

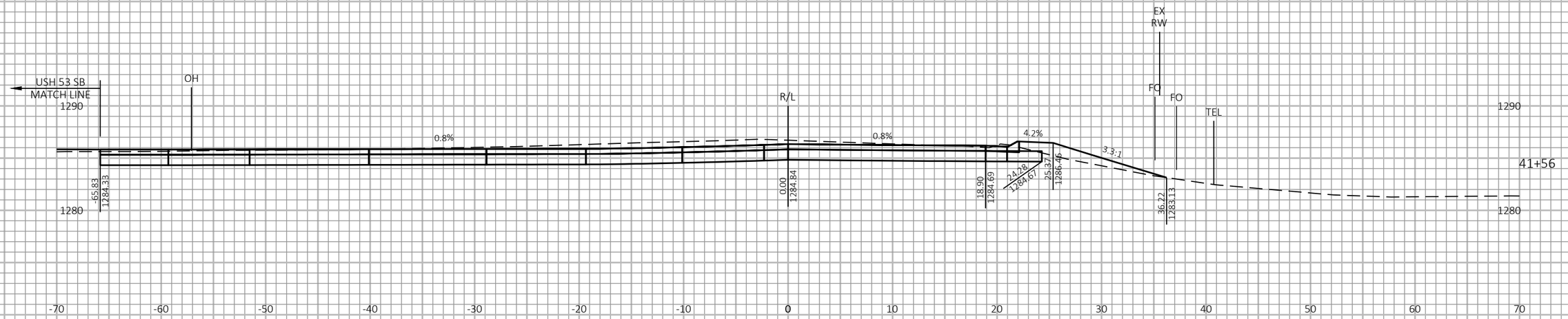
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

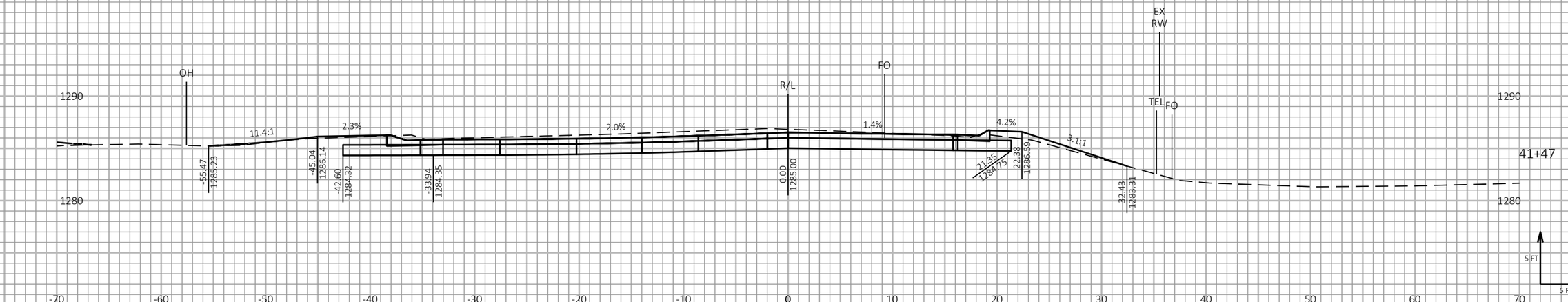
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - 30TH AVE - STAGE 4	SHEET 987	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090232-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 2/3/2022 7:30 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

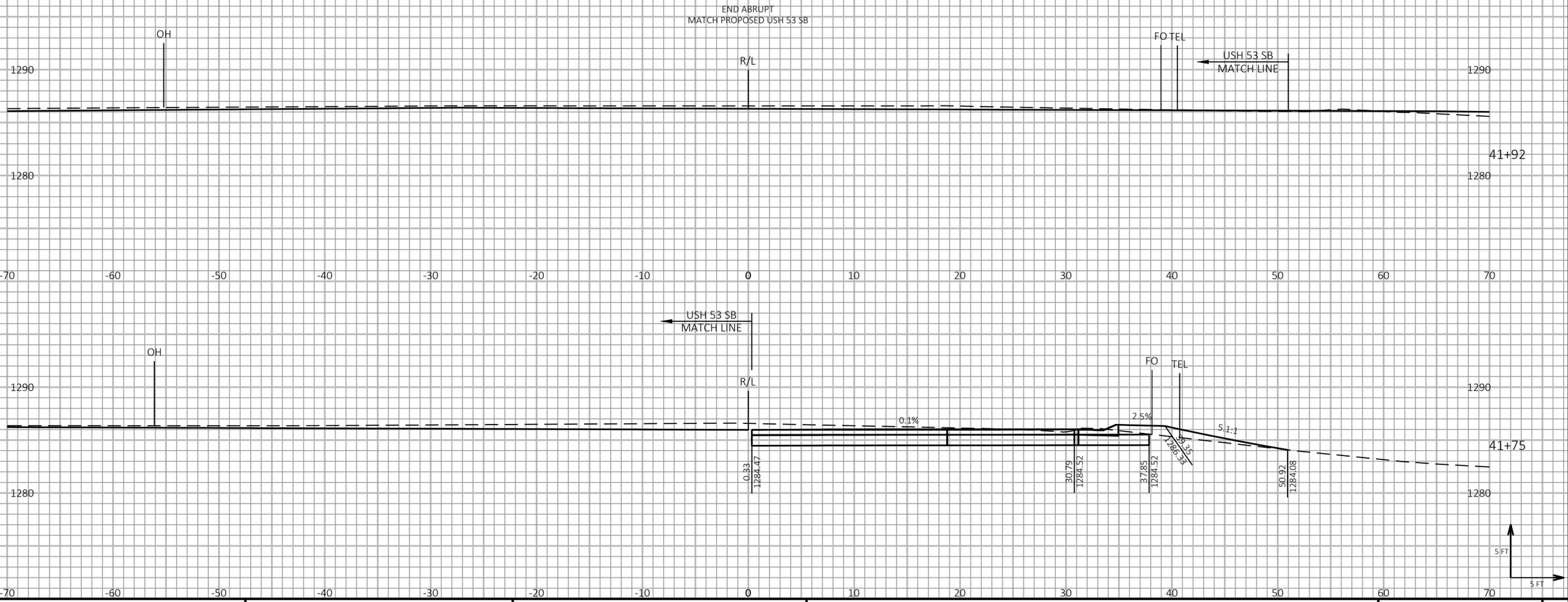
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - 30TH AVE - STAGE 4	SHEET 988	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090232-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 2/3/2022 7:30 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

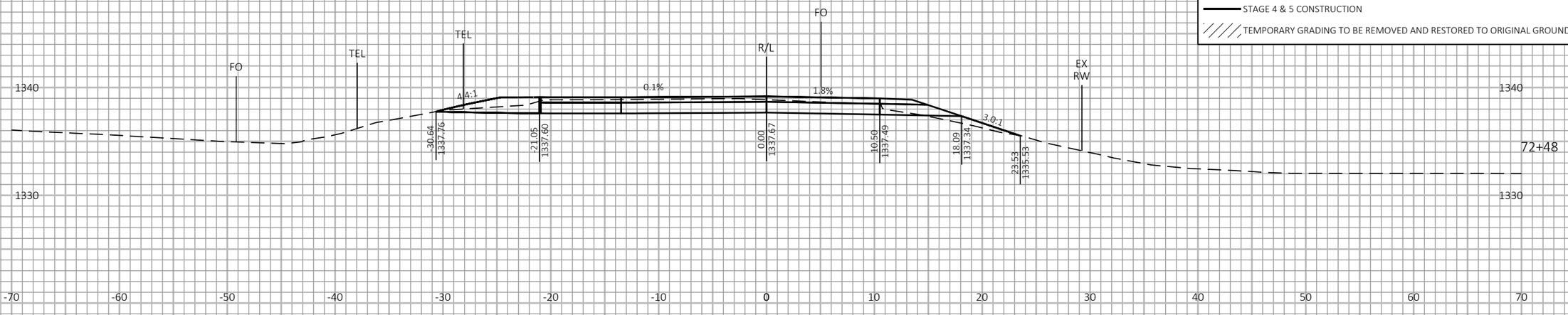
EXISTING GROUND

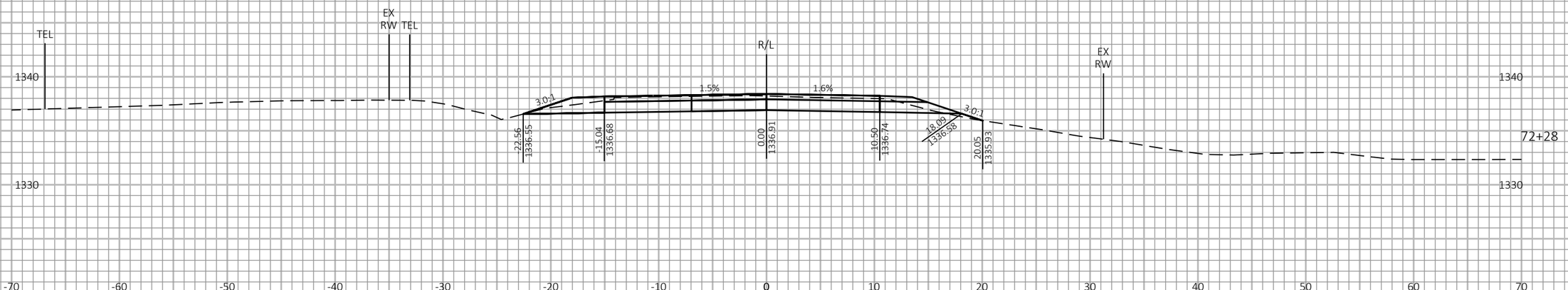
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

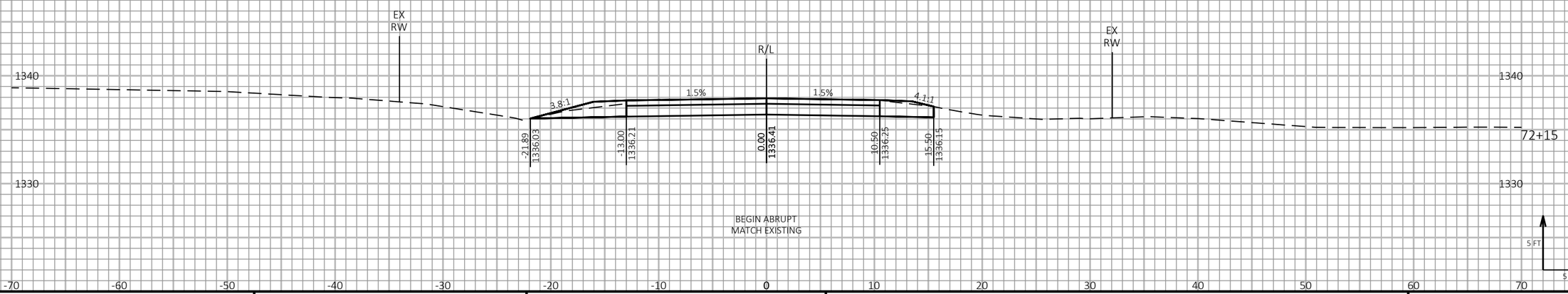
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - BIG KEGAMA RD - STAGE 4	SHEET 989	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090233-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 2/2/2022 10:00 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND

9

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - BIG KEGAMA RD - STAGE 4	SHEET 990	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090233-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 2/2/2022 10:01 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

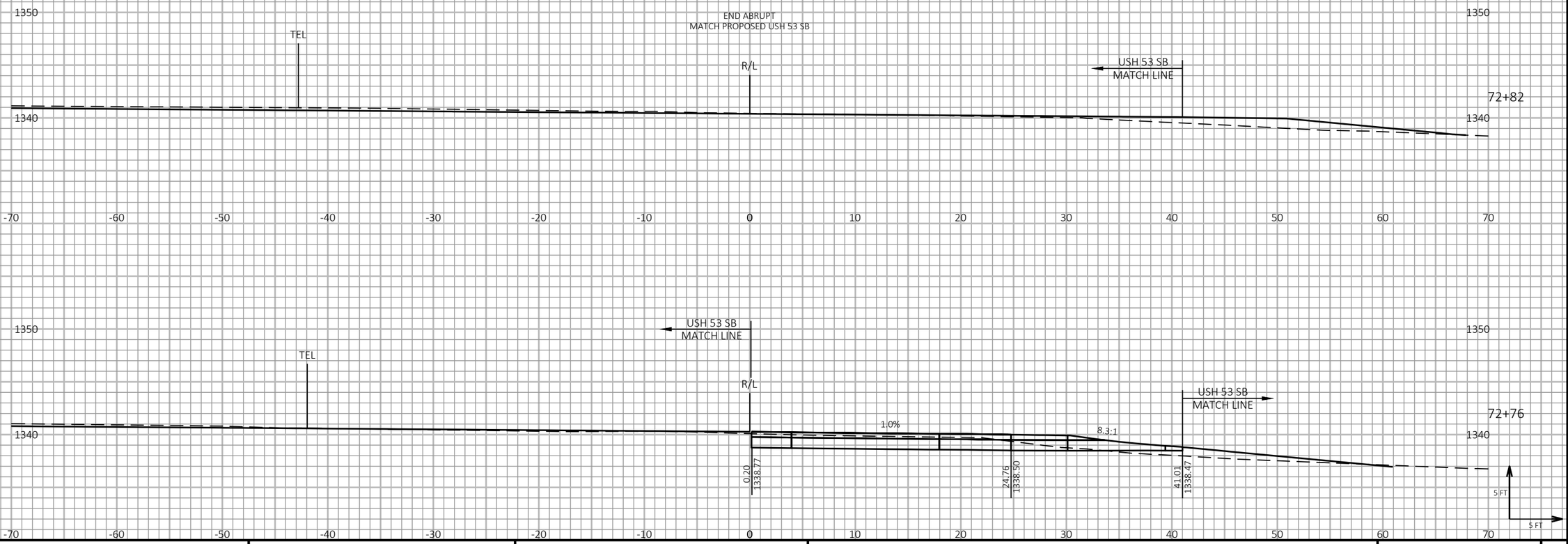
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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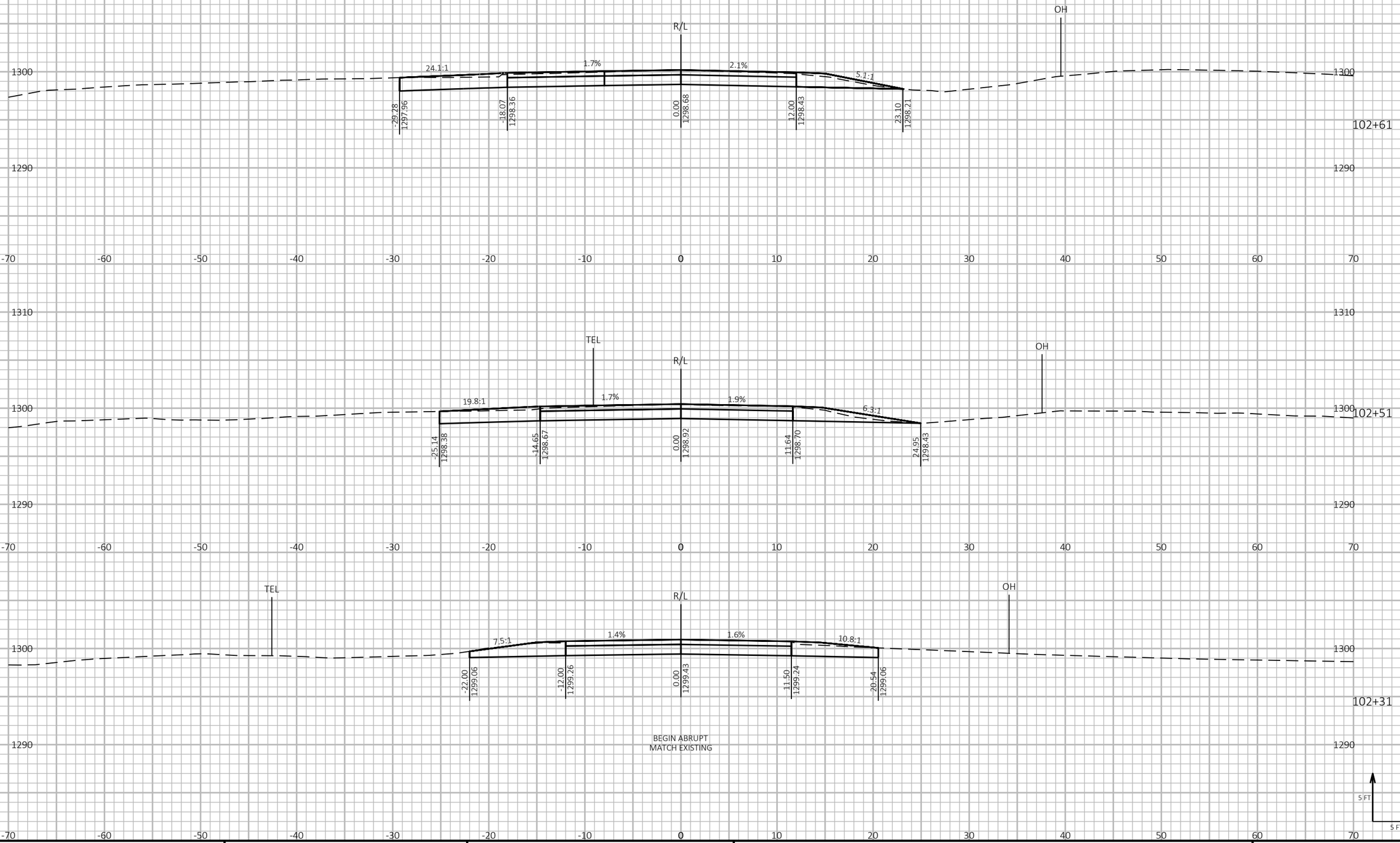
PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - BIG KEGAMA RD - STAGE 4	SHEET 991	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090233-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 2/2/2022 10:01 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - ZIMMERMAN RD - STAGE 4	SHEET 992	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 01

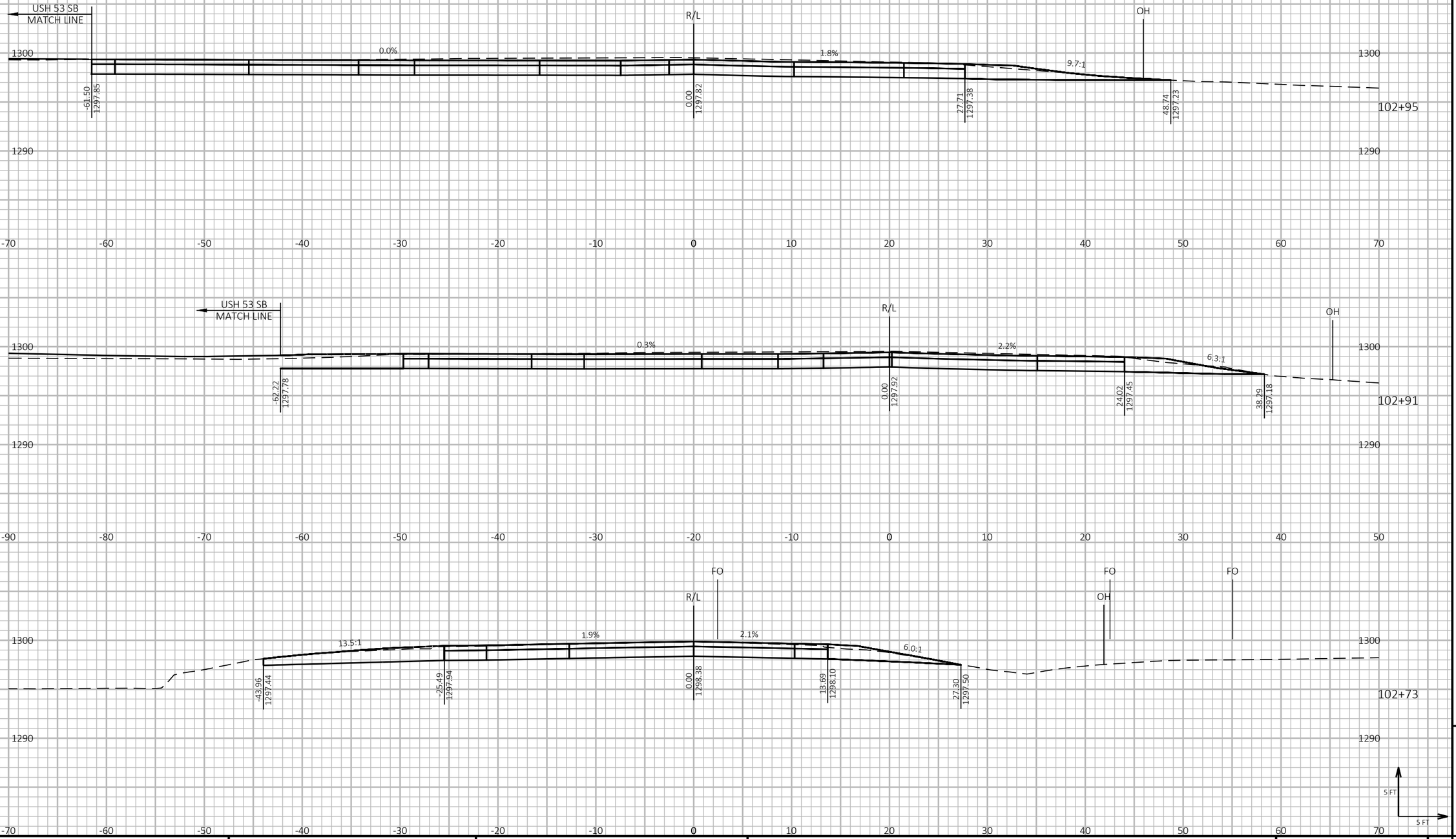
PLOT DATE : 2/3/2022 9:52 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - ZIMMERMAN RD - STAGE 4	SHEET 993	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 2/3/2022 9:52 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

END ABRUPT
MATCH PROPOSED USH 53 SB

USH 53 SB
MATCH LINE
OH

R/L

1300
1290

103+06

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

USH 53 SB
MATCH LINE

R/L

OH

USH 53 SB
MATCH LINE

1300
1290

0.7%

0.03
1297.66

38.13
1297.39

53.92
1297.37

103+02

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

USH 53 SB
MATCH LINE

R/L

OH

USH 53 SB
MATCH LINE

1300
1290

0.0%

1.0%

-22.96
1297.74

34.77
1297.37

54.05
1297.34

103+00

5 FT
5 FT

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

9

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - ZIMMERMAN RD - STAGE 4	SHEET 994	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 2/3/2022 9:53 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

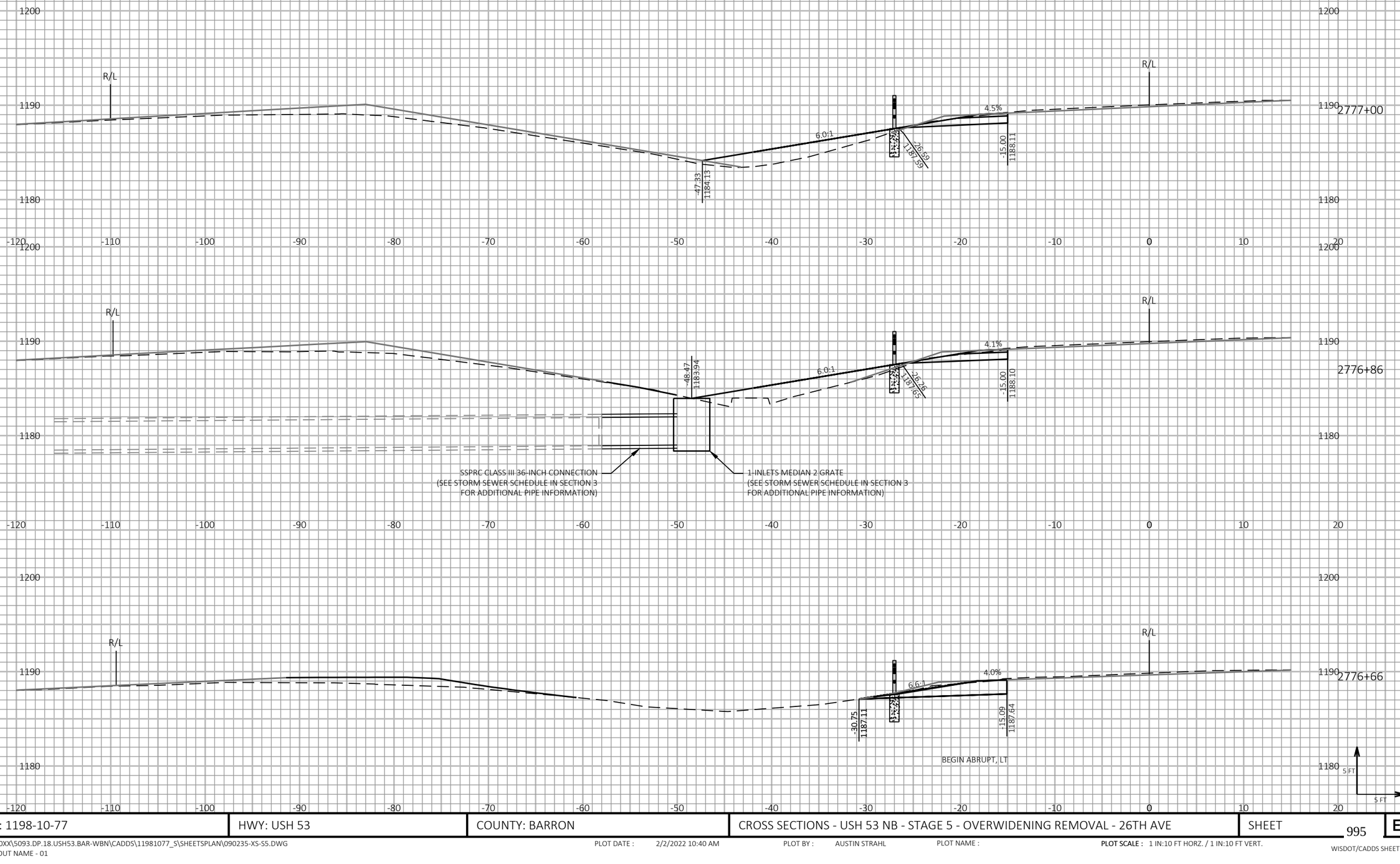
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 5 - OVERWIDENING REMOVAL - 26TH AVE	SHEET 995	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090235-XS-S5.DWG
LAYOUT NAME - 01

PLOT DATE : 2/2/2022 10:40 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

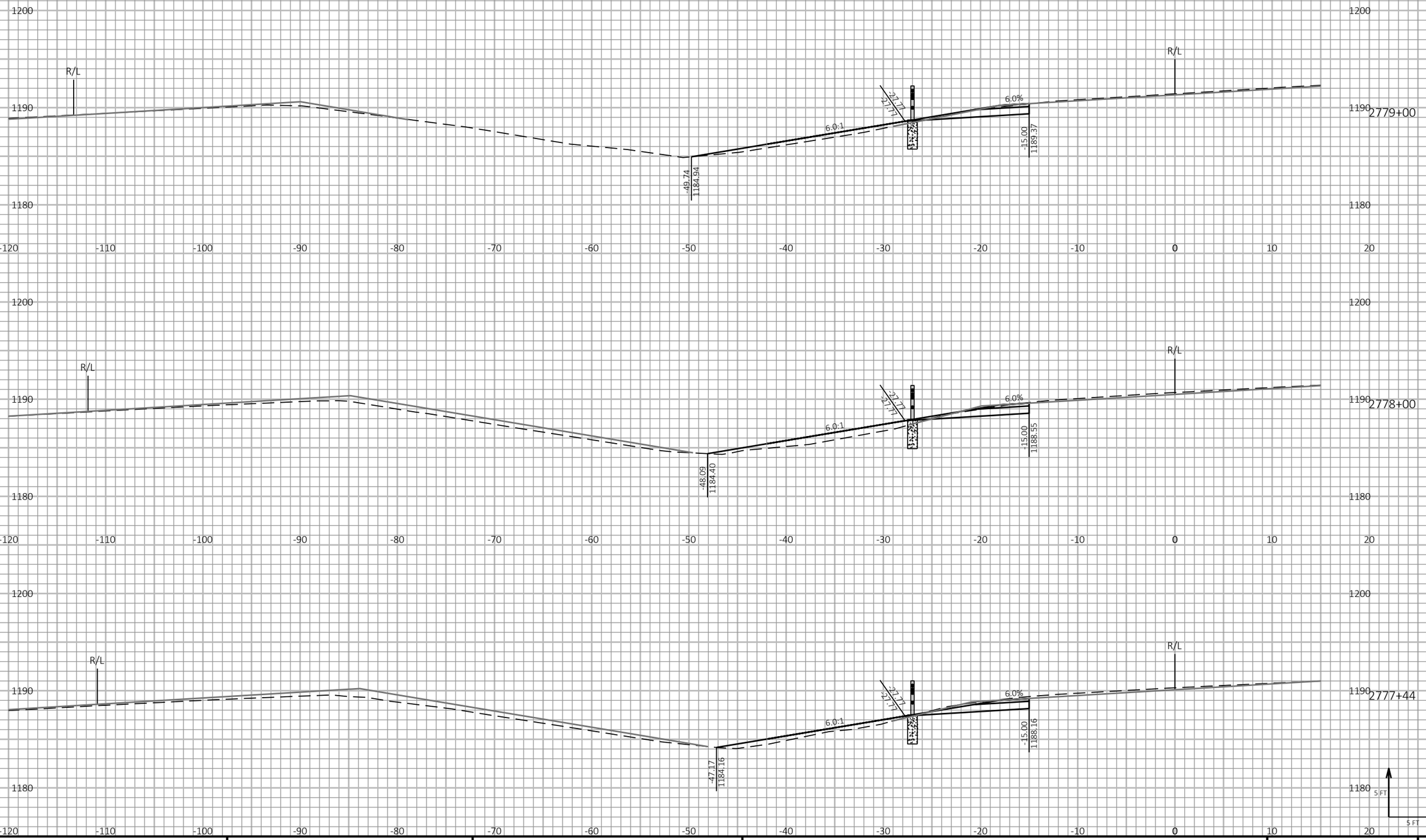
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 5 - OVERWIDENING REMOVAL - 26TH AVE	SHEET 996	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090235-XS-S5.DWG
LAYOUT NAME - 02

PLOT DATE : 2/2/2022 10:40 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

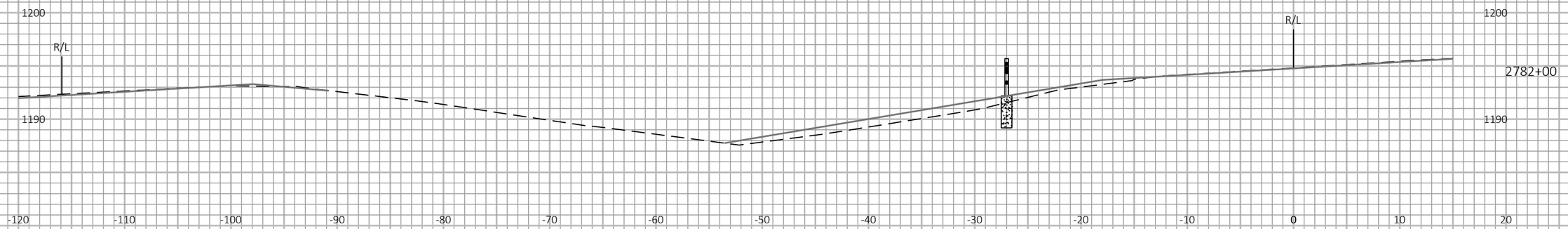
WISDOT/CADDS SHEET 49

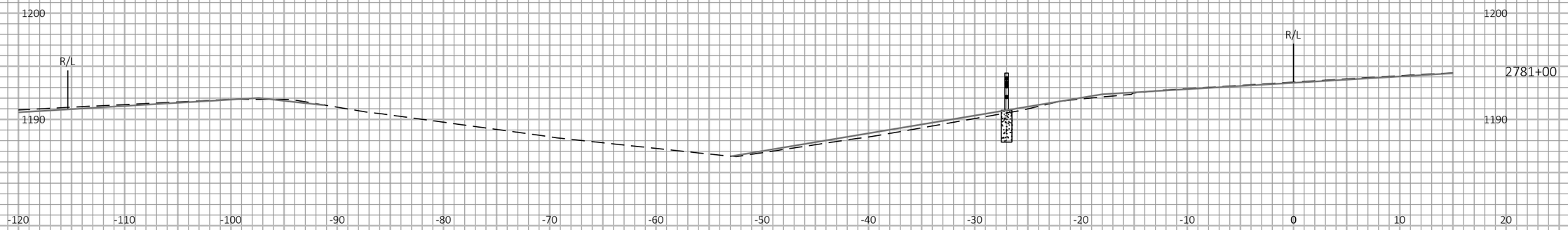
LEGEND

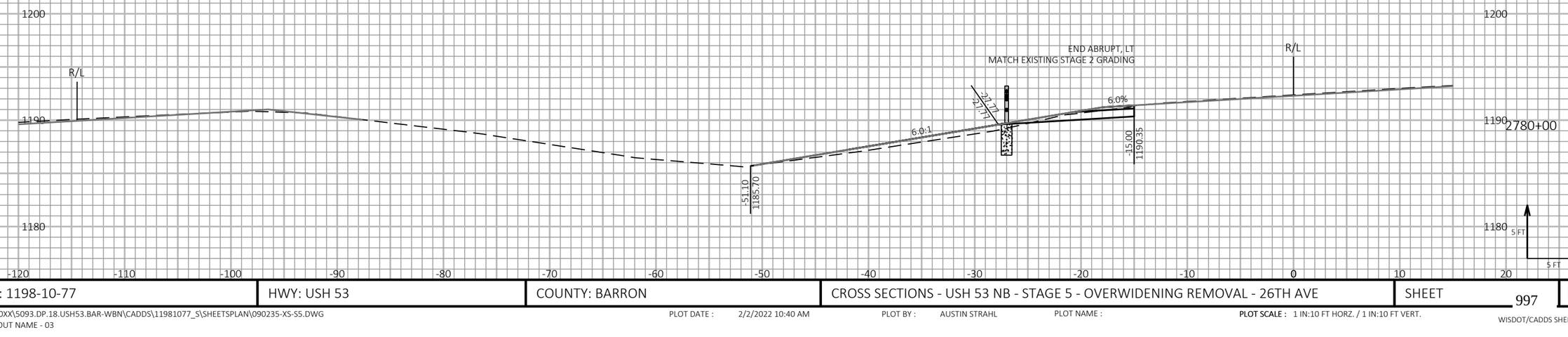
EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION







9

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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 5 - OVERWIDENING REMOVAL - 26TH AVE	SHEET 997	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090235-XS-S5.DWG
LAYOUT NAME - 03

PLOT DATE : 2/2/2022 10:40 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

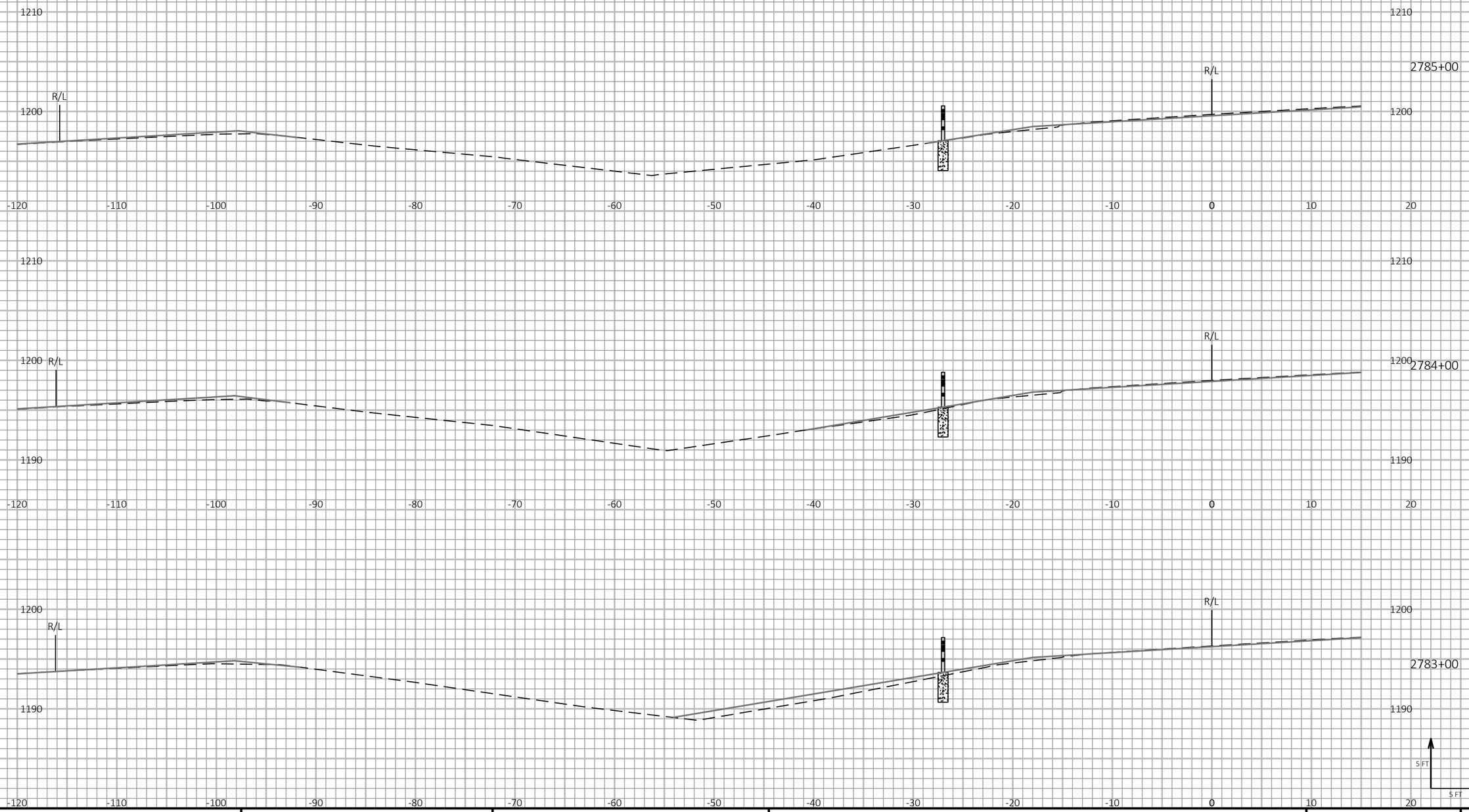
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 5 - OVERWIDENING REMOVAL - 26TH AVE	SHEET 998	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090235-XS-S5.DWG
LAYOUT NAME - 04

PLOT DATE : 2/2/2022 10:40 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

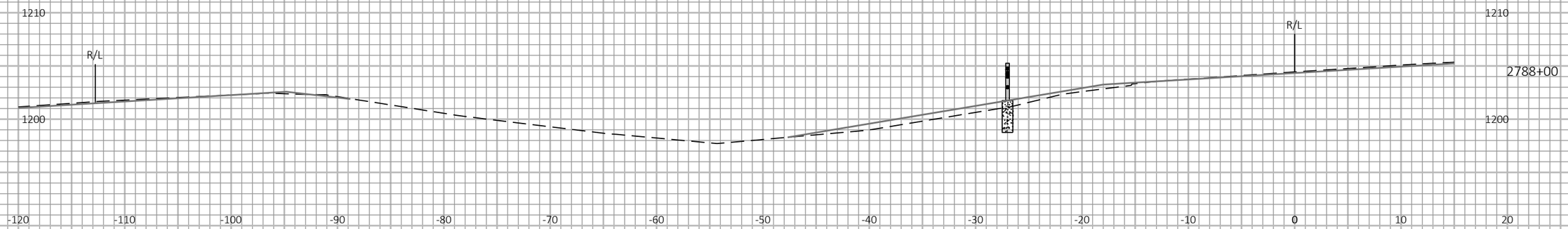
WISDOT/CADDS SHEET 49

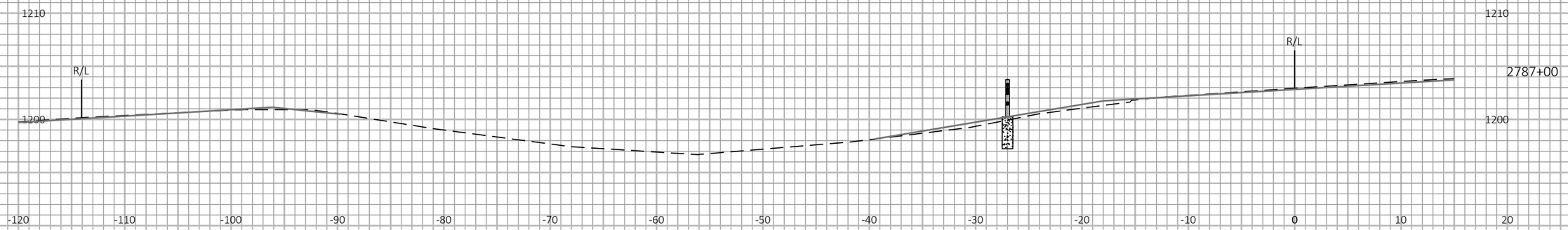
LEGEND

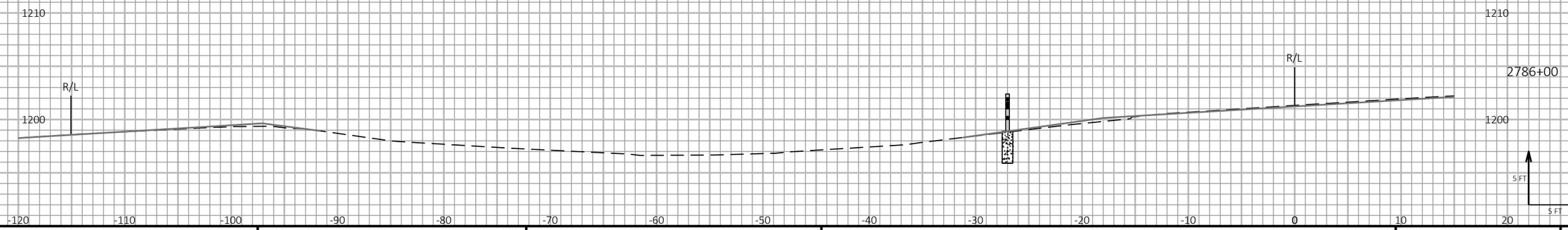
EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 5 - OVERWIDENING REMOVAL - 26TH AVE	SHEET 999	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090235-XS-S5.DWG
LAYOUT NAME - 05

PLOT DATE : 2/2/2022 10:40 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

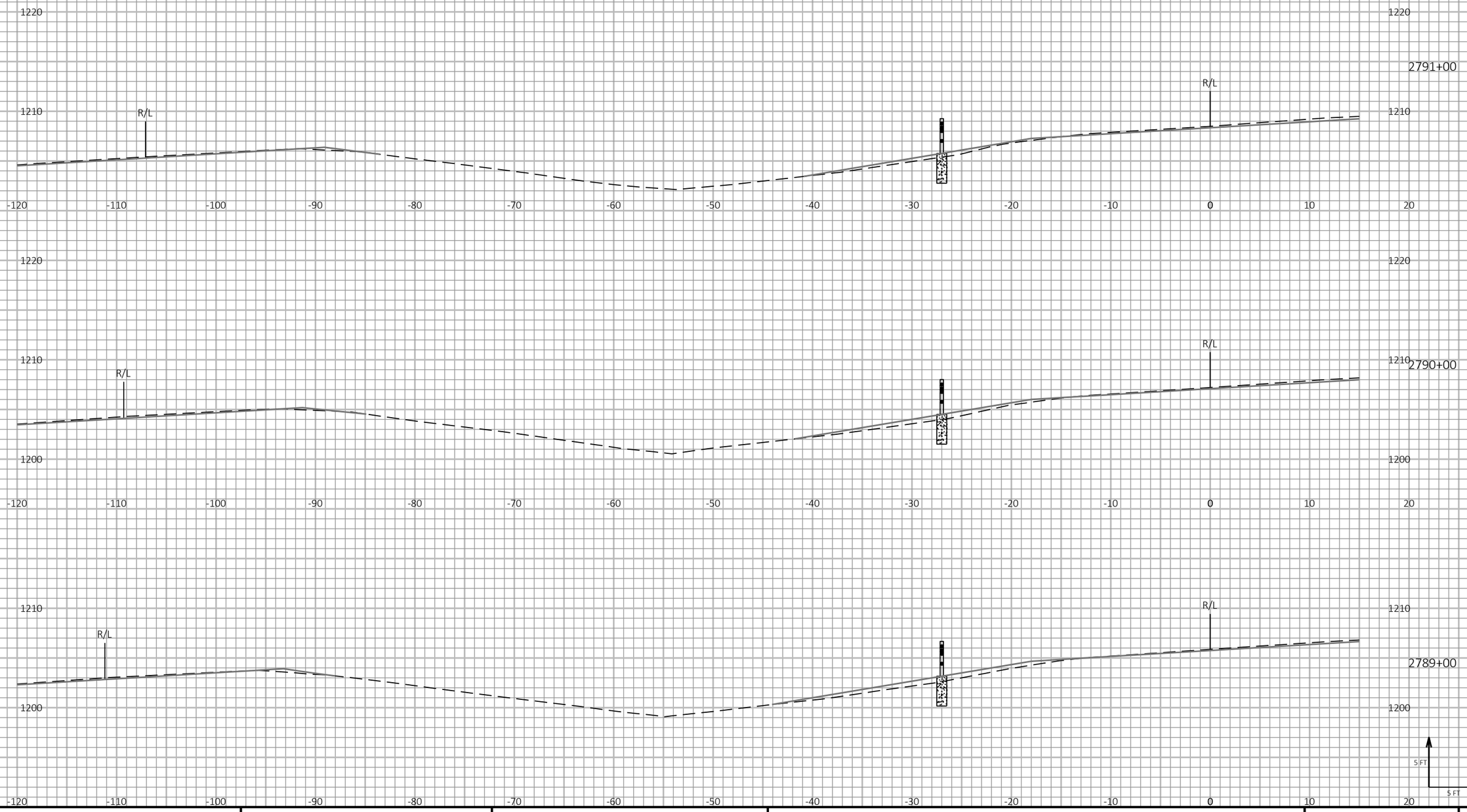
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 5 - OVERWIDENING REMOVAL - 26TH AVE	SHEET 1000	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090235-XS-S5.DWG
LAYOUT NAME - 06

PLOT DATE : 2/2/2022 10:40 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

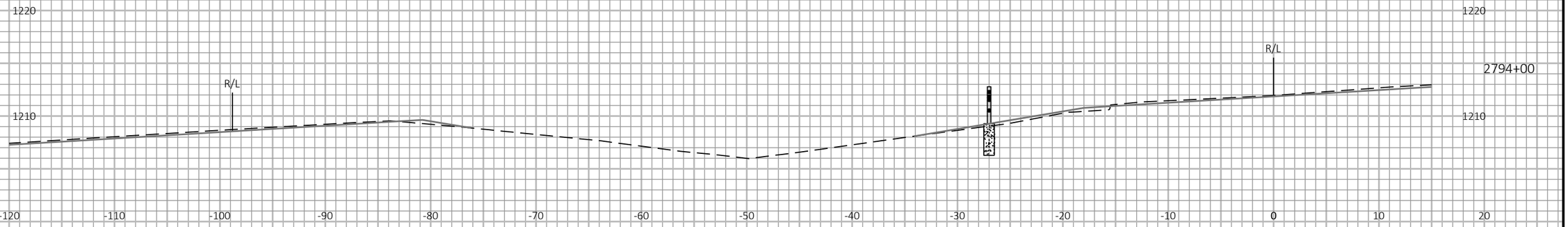
WISDOT/CADDS SHEET 49

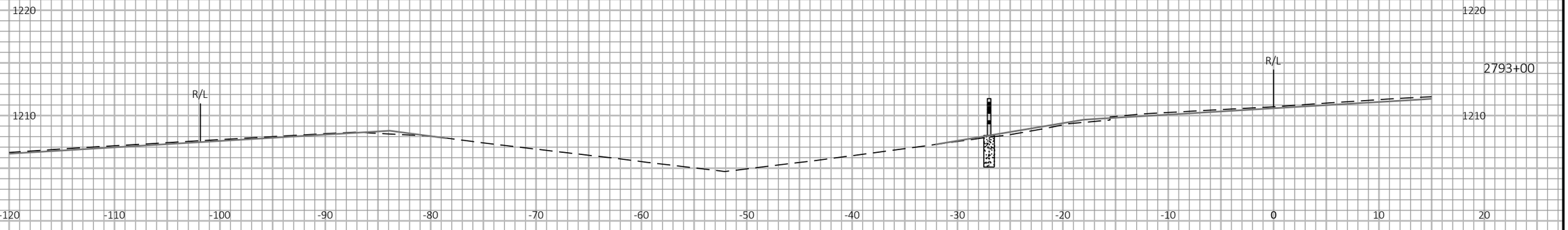
LEGEND

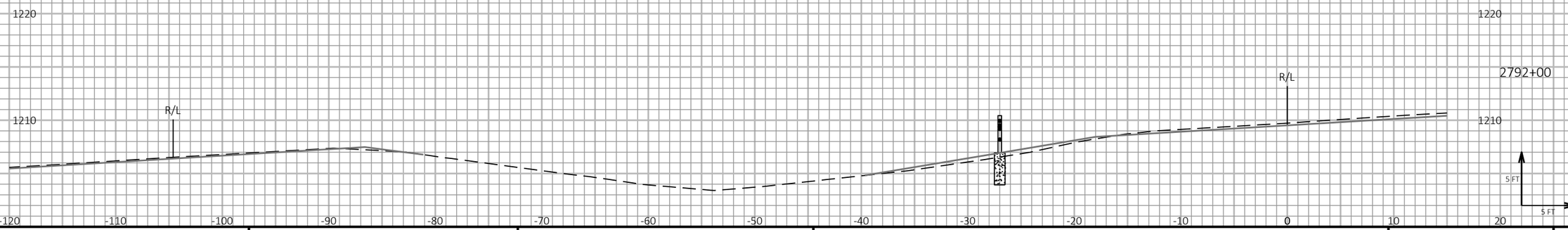
EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION







9

9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 5 - OVERWIDENING REMOVAL - 26TH AVE	SHEET 1001	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090235-XS-S5.DWG
LAYOUT NAME - 07

PLOT DATE : 2/2/2022 10:40 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

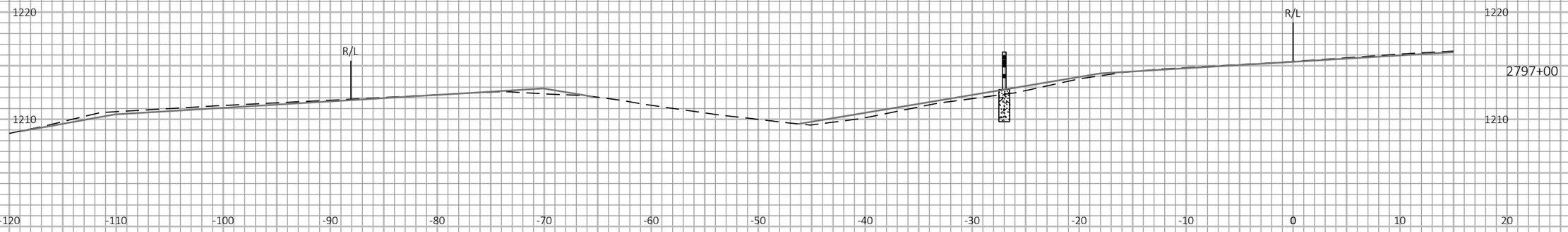
WISDOT/CADDS SHEET 49

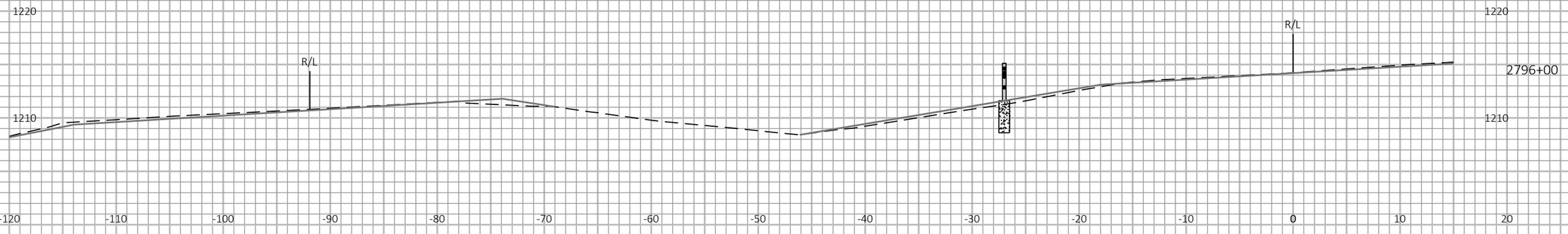
LEGEND

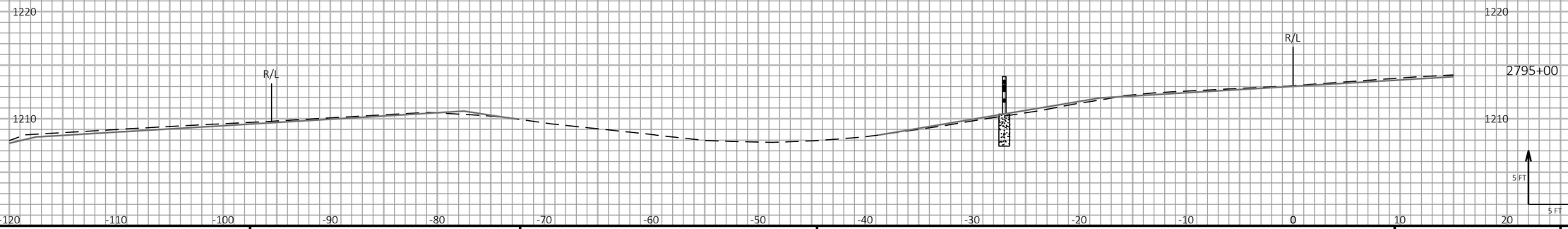
EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 5 - OVERWIDENING REMOVAL - 26TH AVE	SHEET 1002 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090235-XS-S5.DWG
LAYOUT NAME - 08

PLOT DATE : 2/2/2022 10:40 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

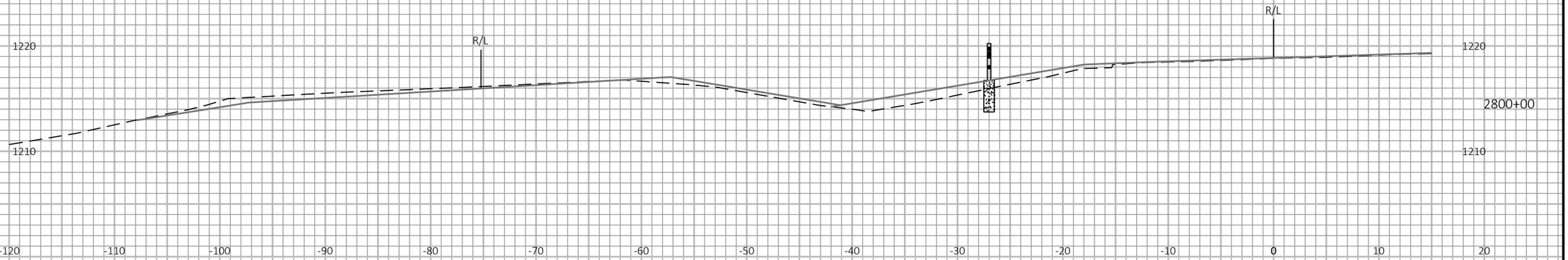
WISDOT/CADDS SHEET 49

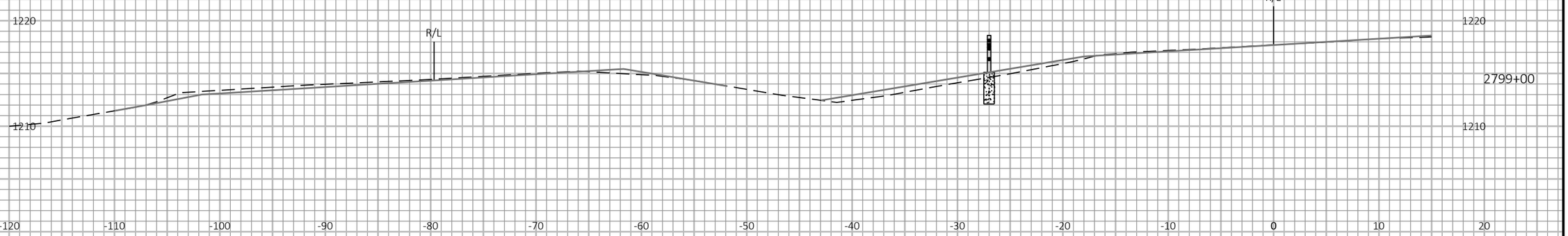
LEGEND

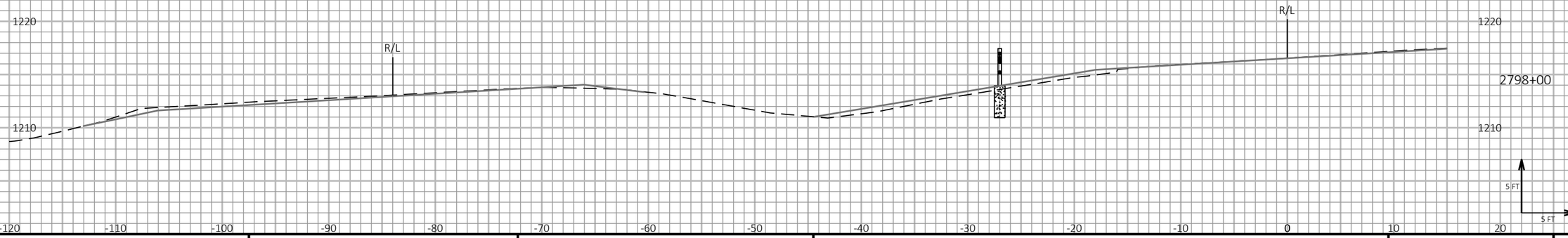
EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION







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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 5 - OVERWIDENING REMOVAL - 26TH AVE	SHEET 1003	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090235-XS-S5.DWG
LAYOUT NAME - 09

PLOT DATE : 2/2/2022 10:40 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

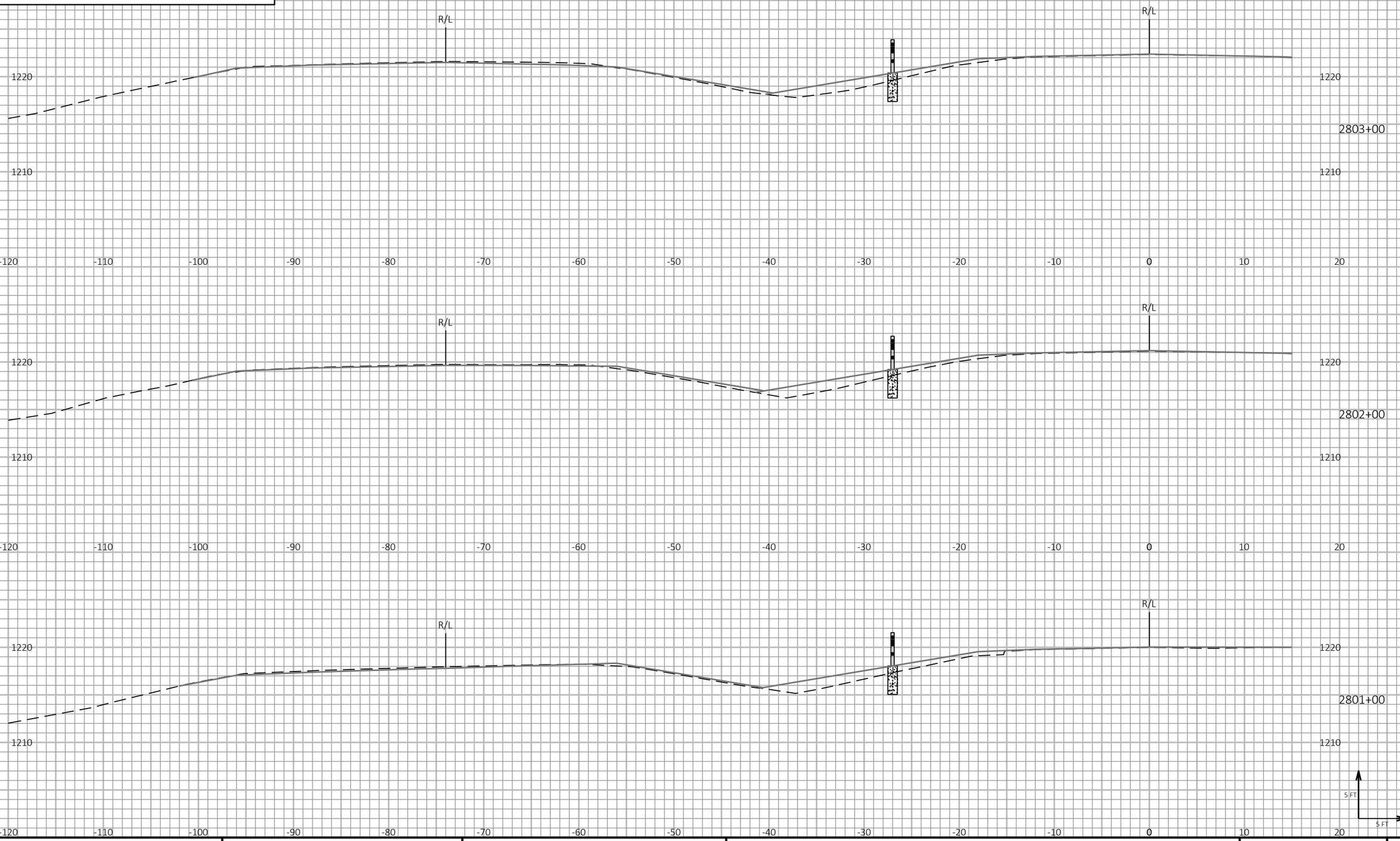
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 5 - OVERWIDENING REMOVAL - 26TH AVE	SHEET 1004	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090235-XS-S5.DWG
LAYOUT NAME - 10

PLOT DATE : 2/2/2022 10:41 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

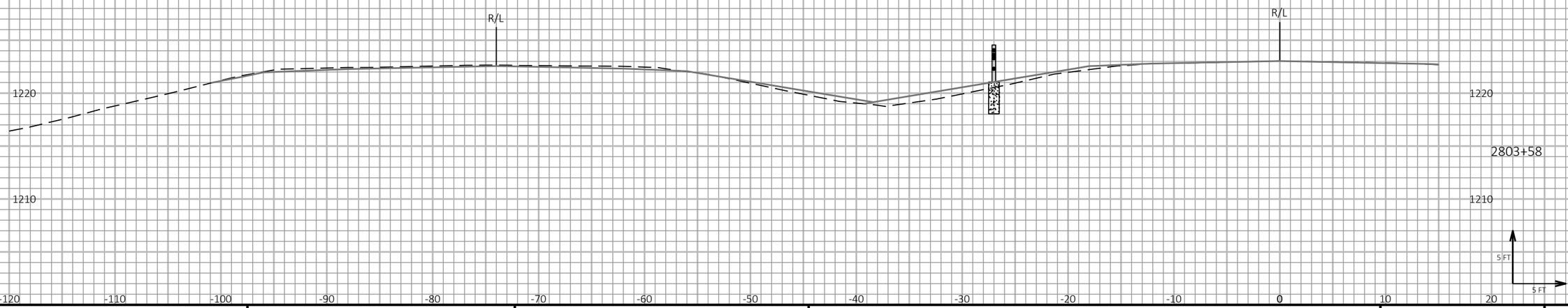
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: BARRON	CROSS SECTIONS - USH 53 NB - STAGE 5 - OVERWIDENING REMOVAL - 26TH AVE	SHEET 1005	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090235-XS-S5.DWG
LAYOUT NAME - 11

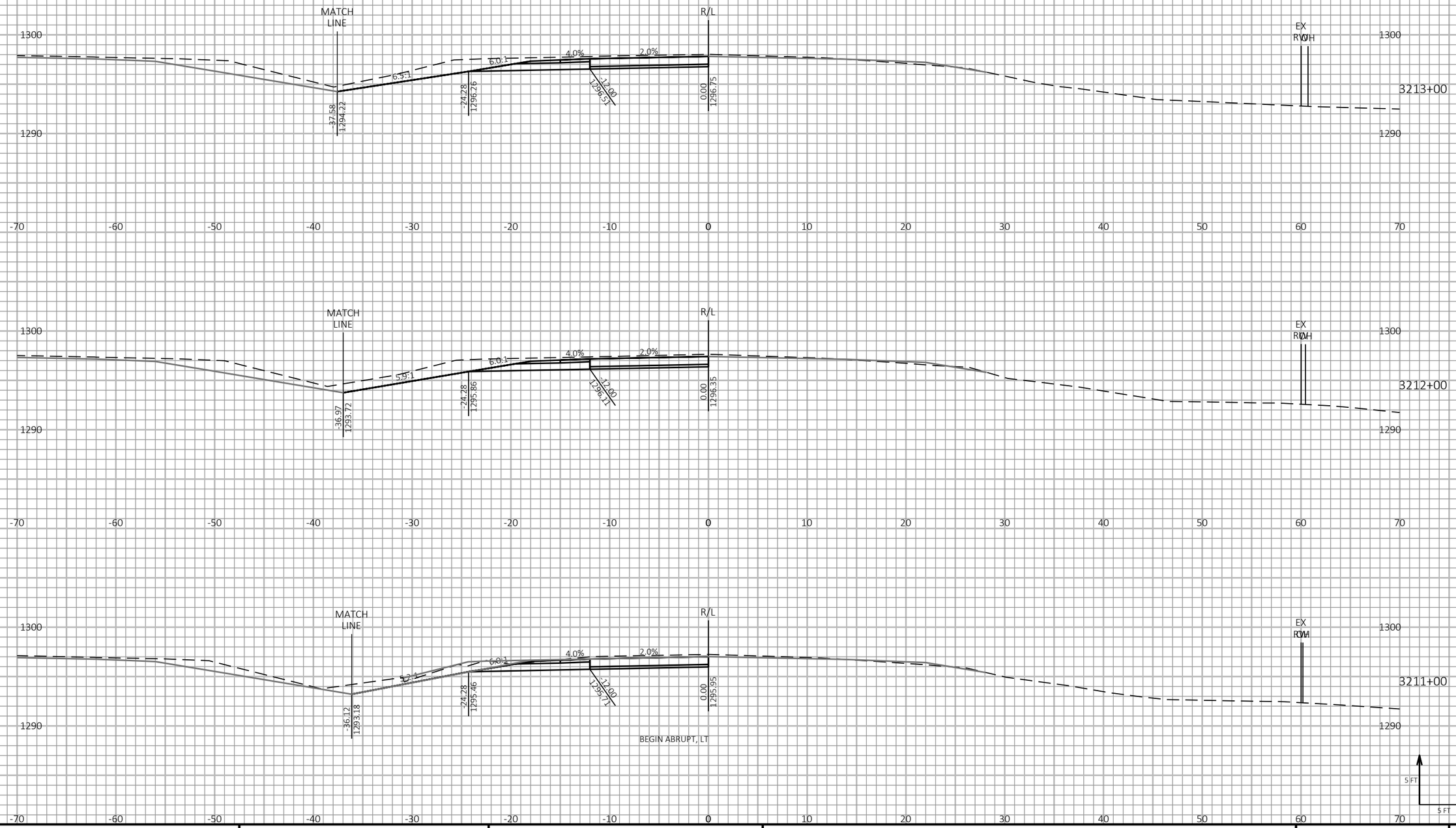
PLOT DATE : 2/2/2022 10:41 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 5 - CROSSOVER REMOVAL - NORTH PROJECT LIMIT	SHEET 1006	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090236-XS-S5.DWG
LAYOUT NAME - 01

PLOT DATE : 2/3/2022 1:03 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

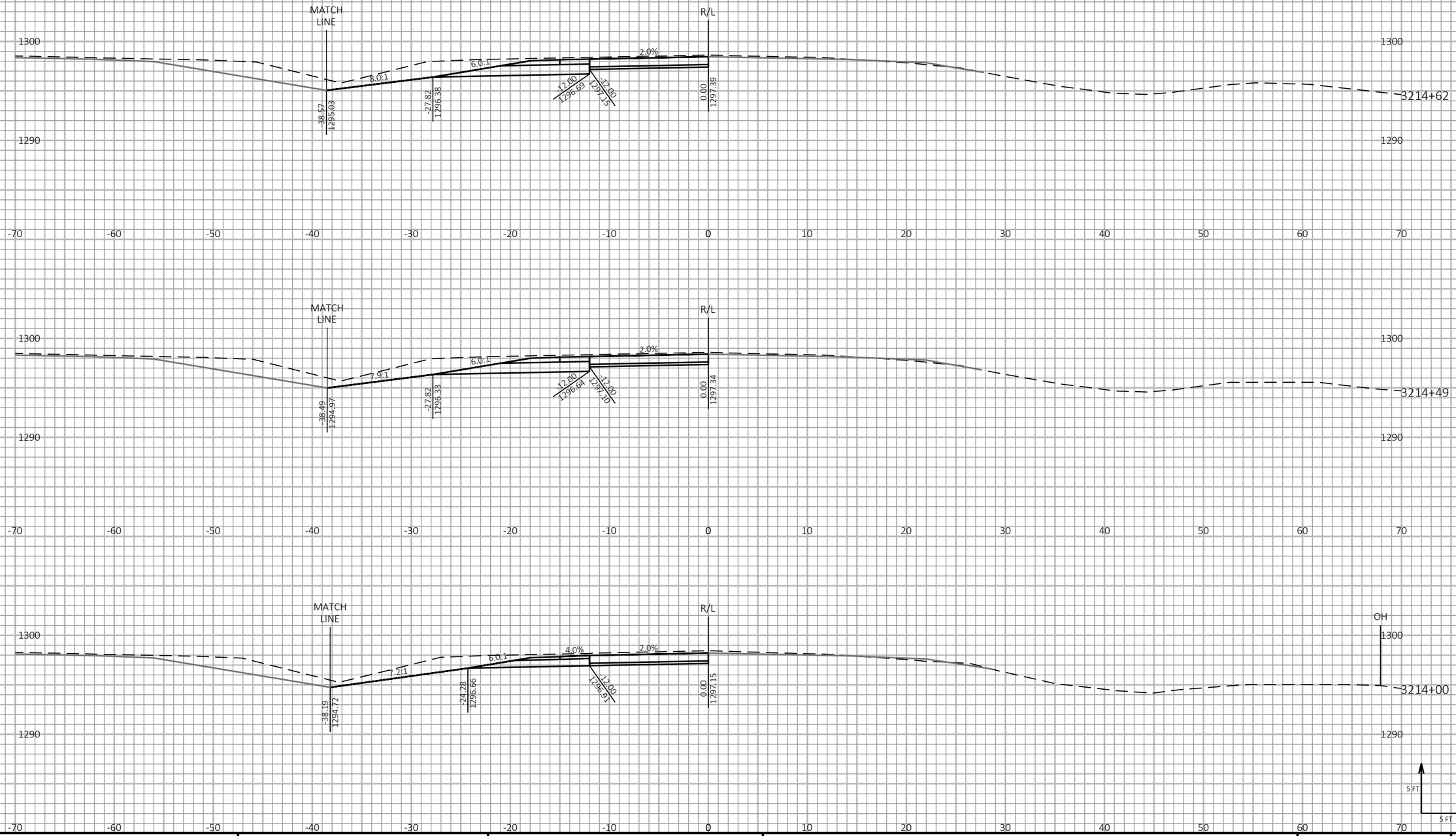
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 5 - CROSSOVER REMOVAL - NORTH PROJECT LIMIT	SHEET 1007	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090236-XS-S5.DWG
LAYOUT NAME - 02

PLOT DATE : 2/3/2022 1:03 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

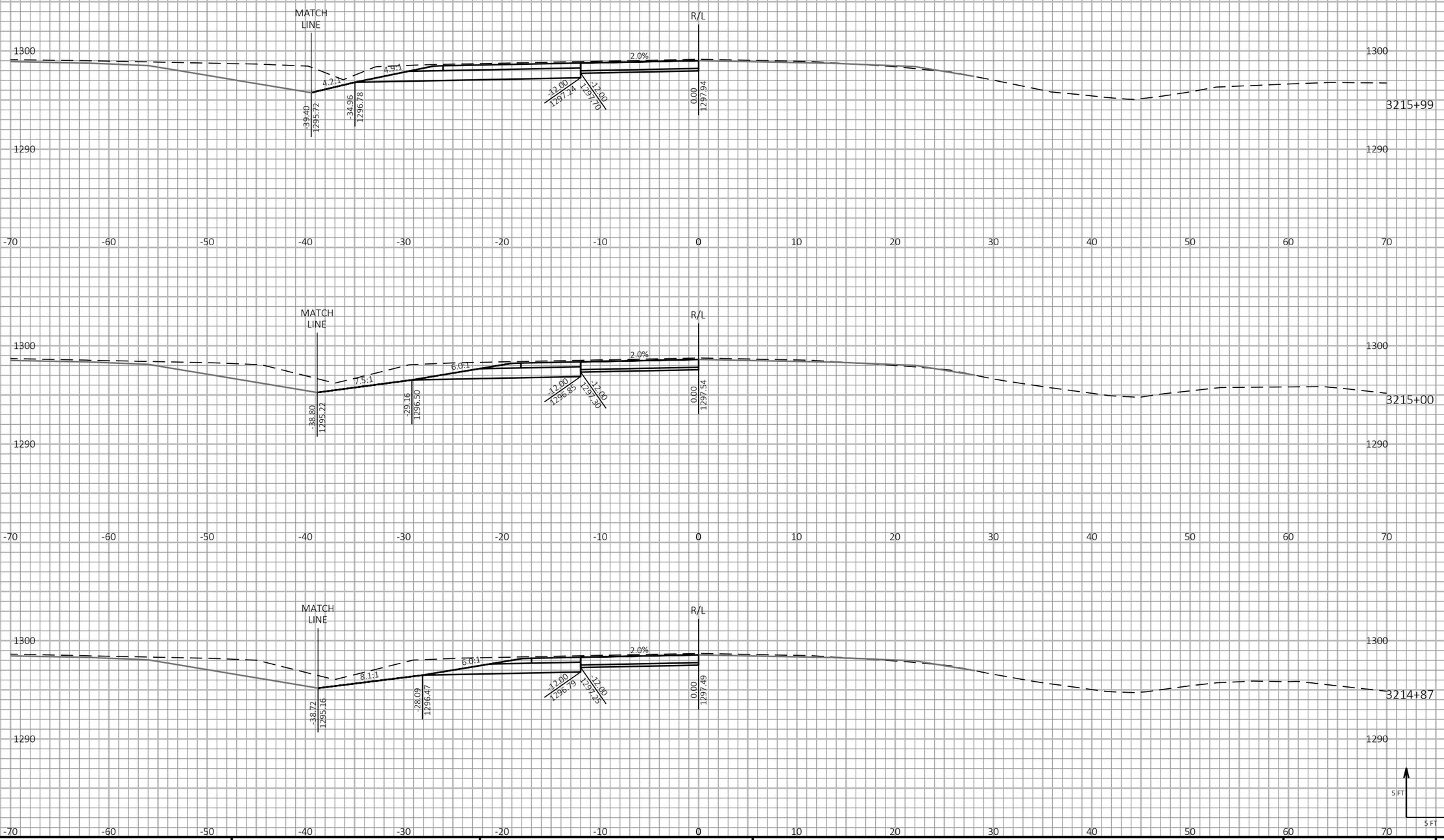
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 5 - CROSSOVER REMOVAL - NORTH PROJECT LIMIT	SHEET 1008	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090236-XS-S5.DWG
LAYOUT NAME - 03

PLOT DATE : 2/3/2022 1:03 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

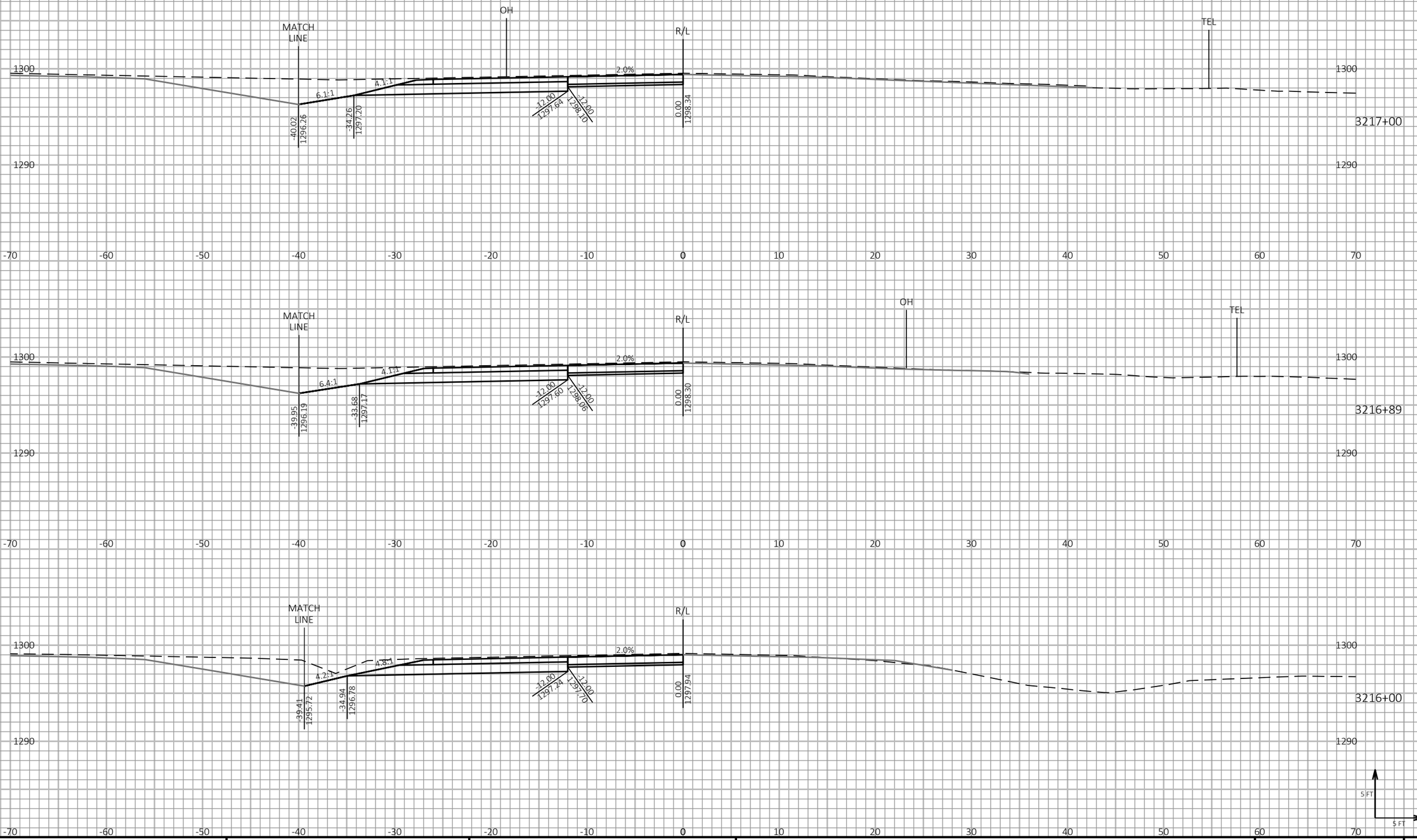
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 5 - CROSSOVER REMOVAL - NORTH PROJECT LIMIT	SHEET 1009	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090236-XS-S5.DWG
LAYOUT NAME - 04

PLOT DATE : 2/3/2022 1:03 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

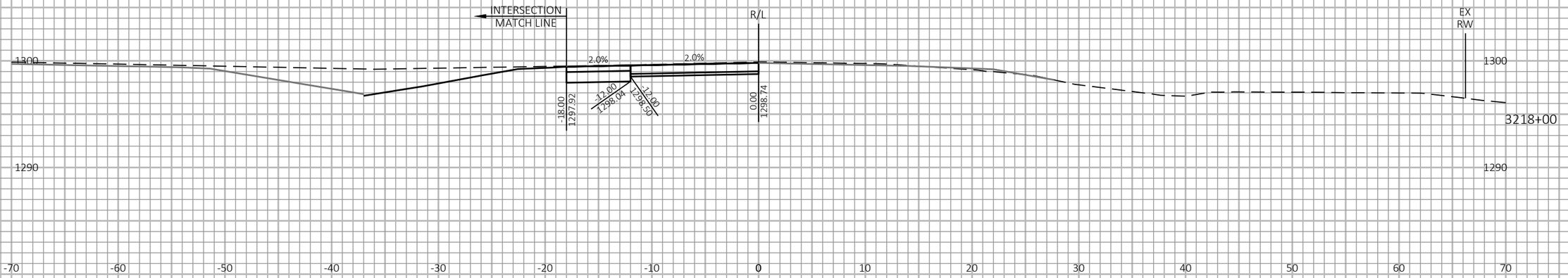
WISDOT/CADDS SHEET 49

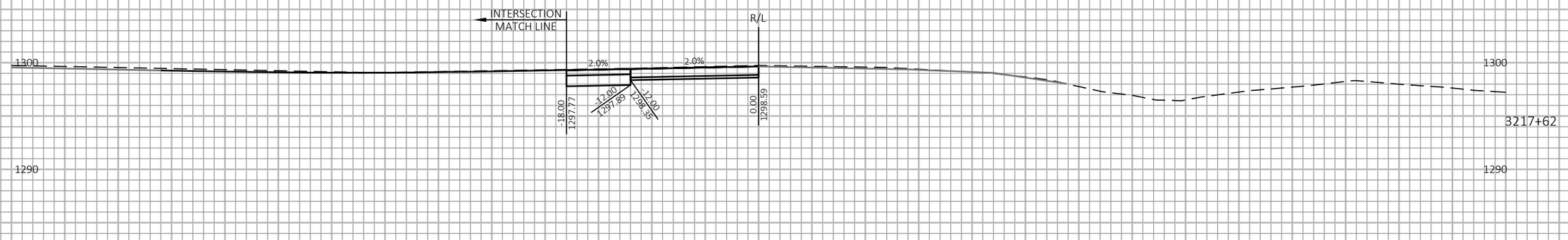
LEGEND

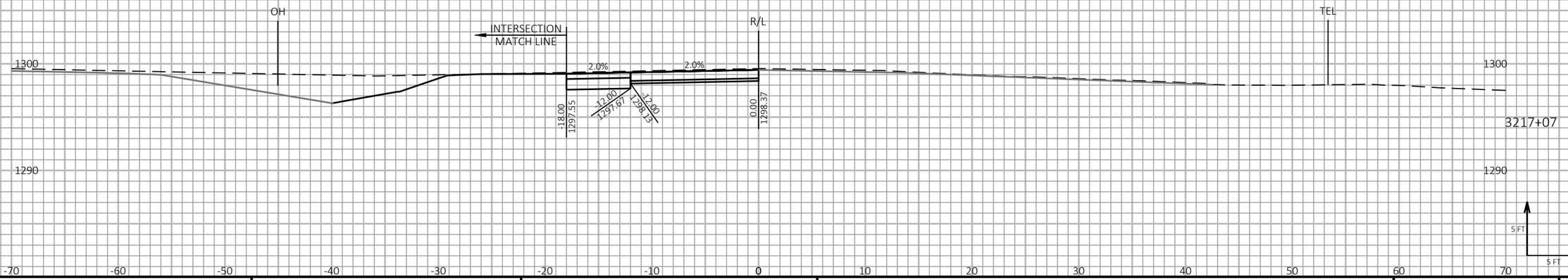
EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 5 - CROSSOVER REMOVAL - NORTH PROJECT LIMIT	SHEET 1010	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090236-XS-S5.DWG
LAYOUT NAME - 05

PLOT DATE : 2/3/2022 1:03 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

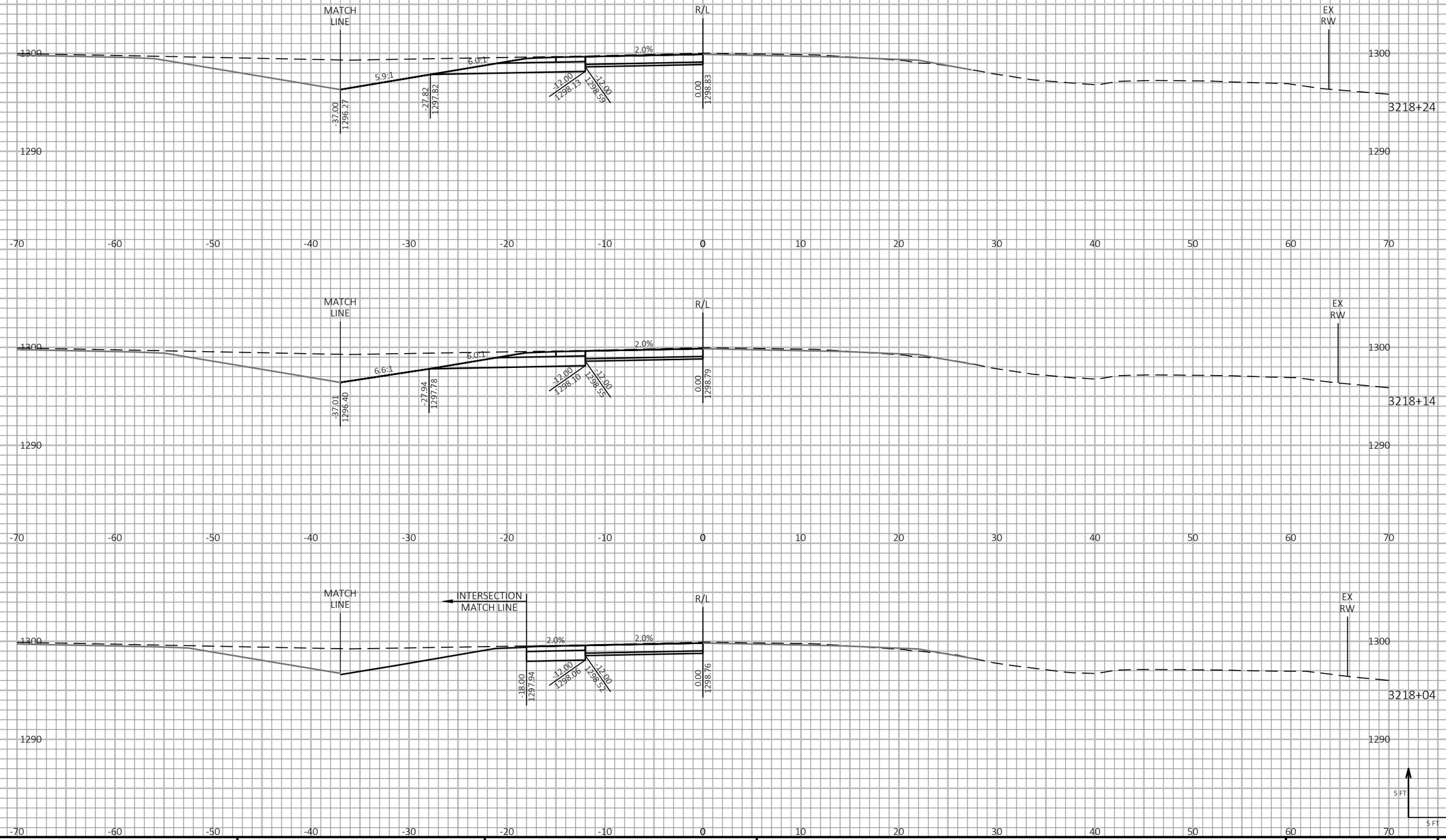
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 5 - CROSSOVER REMOVAL - NORTH PROJECT LIMIT	SHEET 1011	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090236-XS-S5.DWG
LAYOUT NAME - 06

PLOT DATE : 2/3/2022 1:03 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

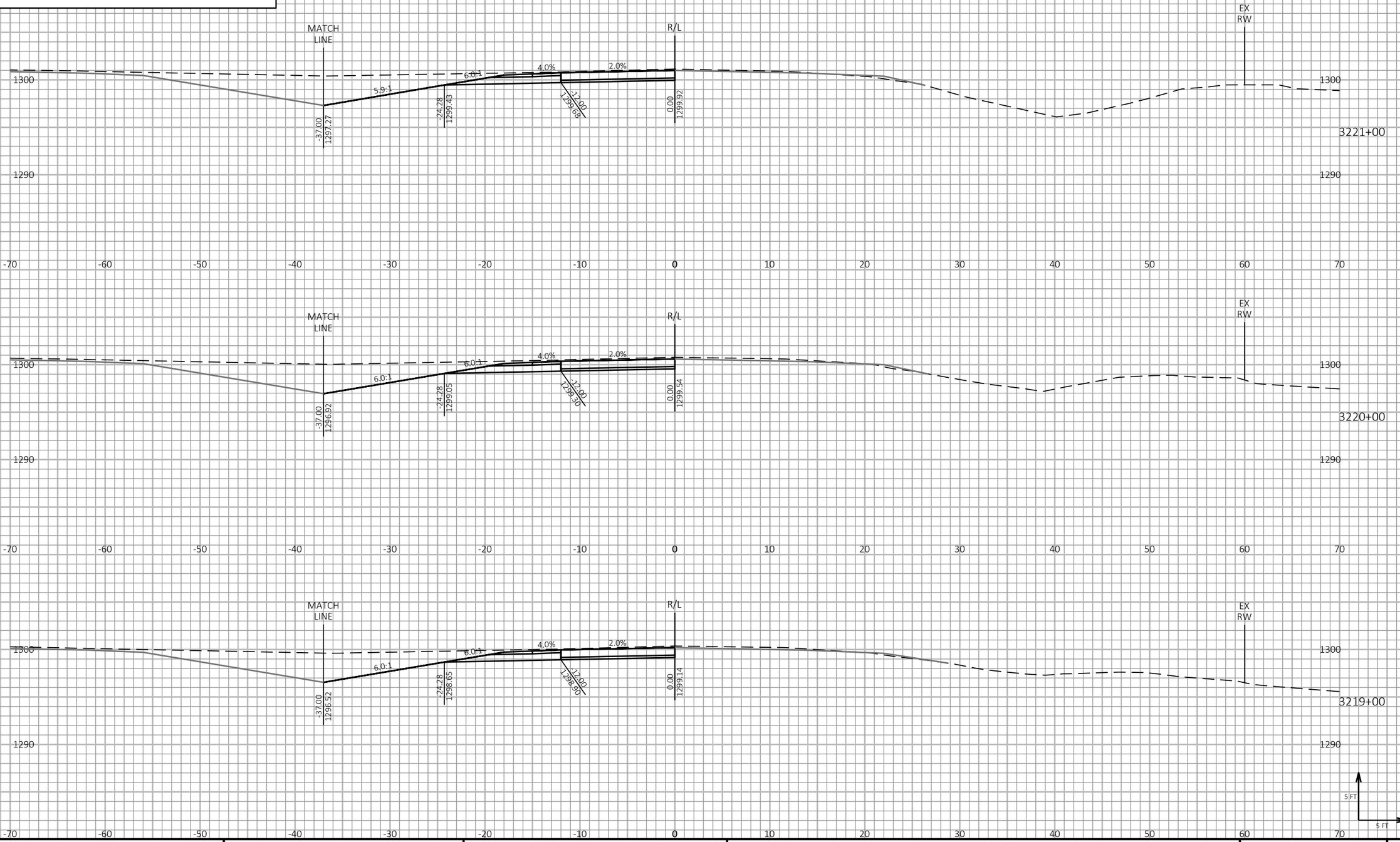
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 5 - CROSSOVER REMOVAL - NORTH PROJECT LIMIT	SHEET 1012	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090236-XS-S5.DWG
LAYOUT NAME - 07

PLOT DATE : 2/3/2022 1:03 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

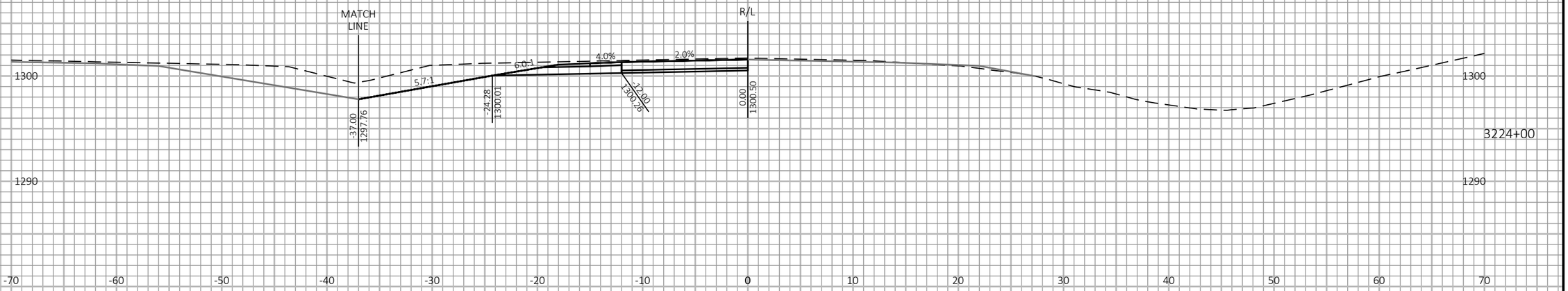
WISDOT/CADDS SHEET 49

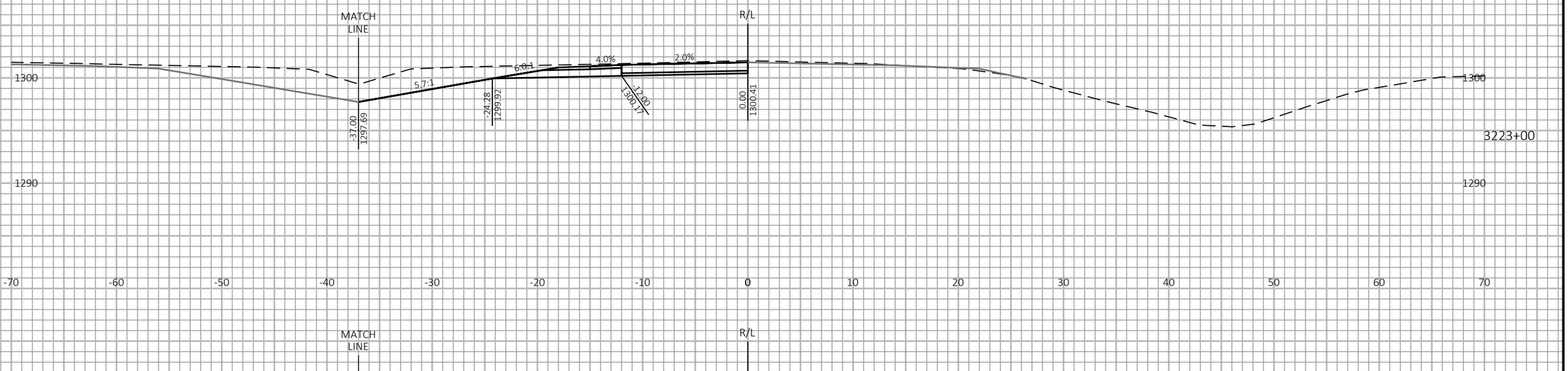
LEGEND

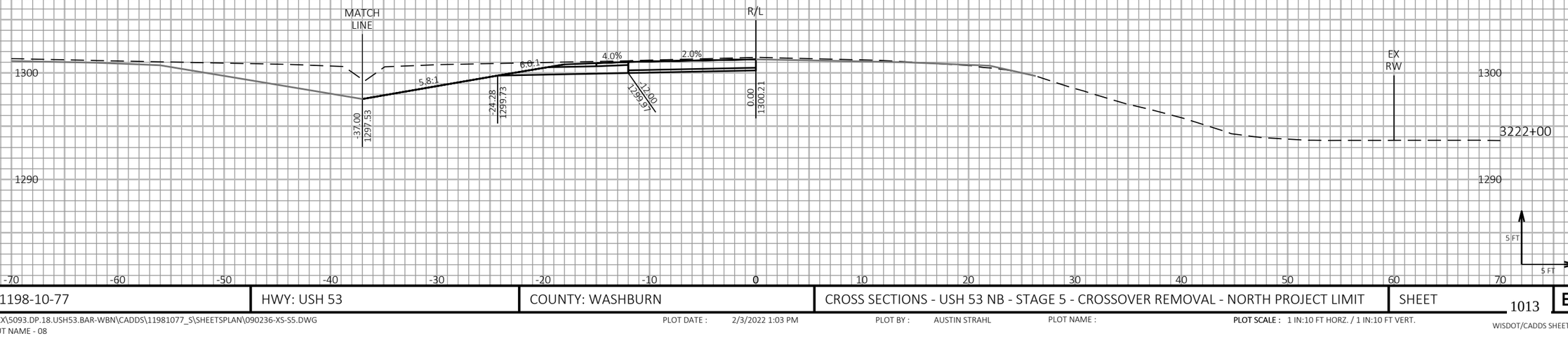
EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION







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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 5 - CROSSOVER REMOVAL - NORTH PROJECT LIMIT	SHEET 1013	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090236-XS-S5.DWG
LAYOUT NAME - 08

PLOT DATE : 2/3/2022 1:03 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

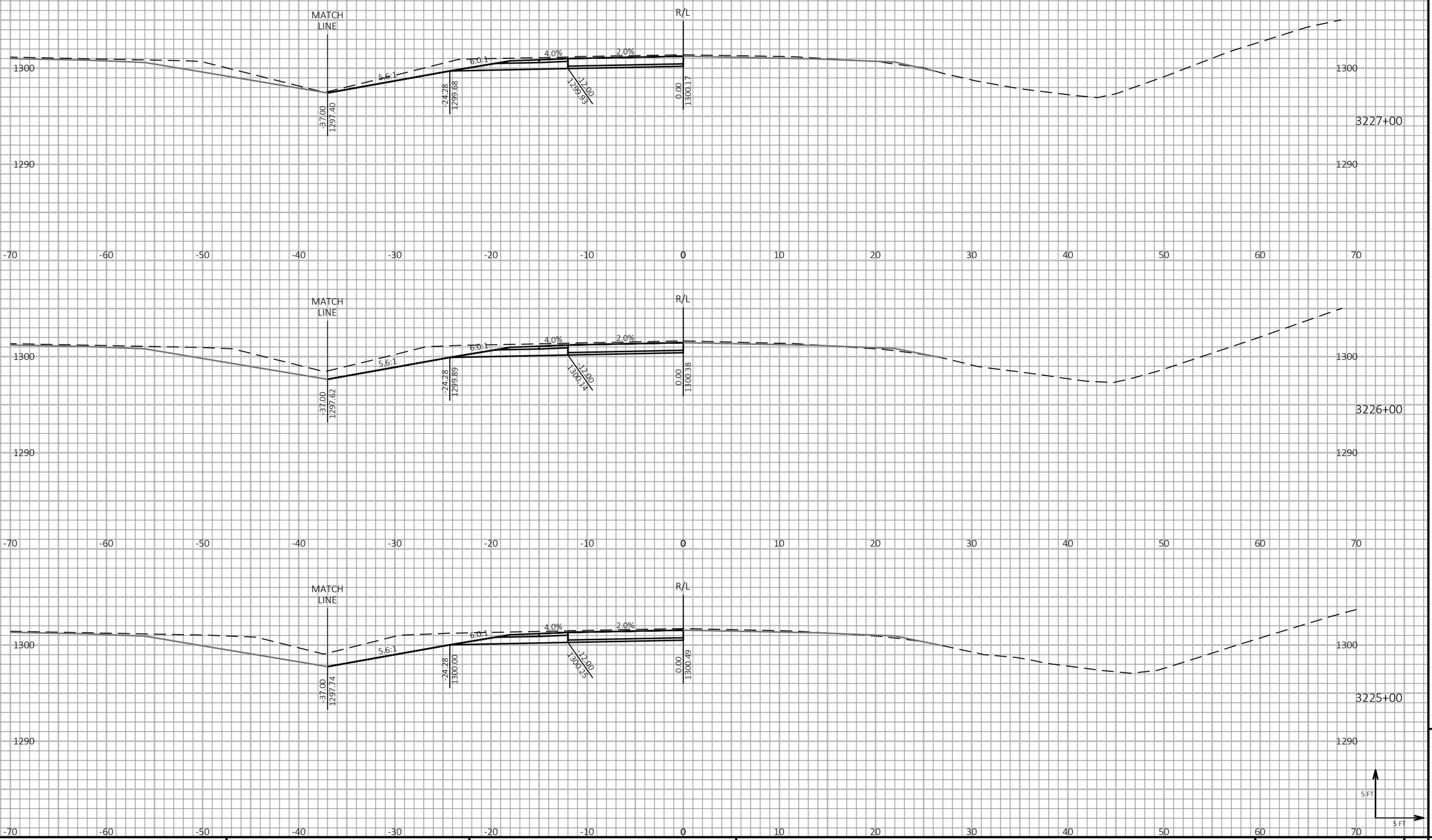
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



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PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 5 - CROSSOVER REMOVAL - NORTH PROJECT LIMIT	SHEET 1014	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090236-XS-S5.DWG
LAYOUT NAME - 09

PLOT DATE : 2/3/2022 1:03 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

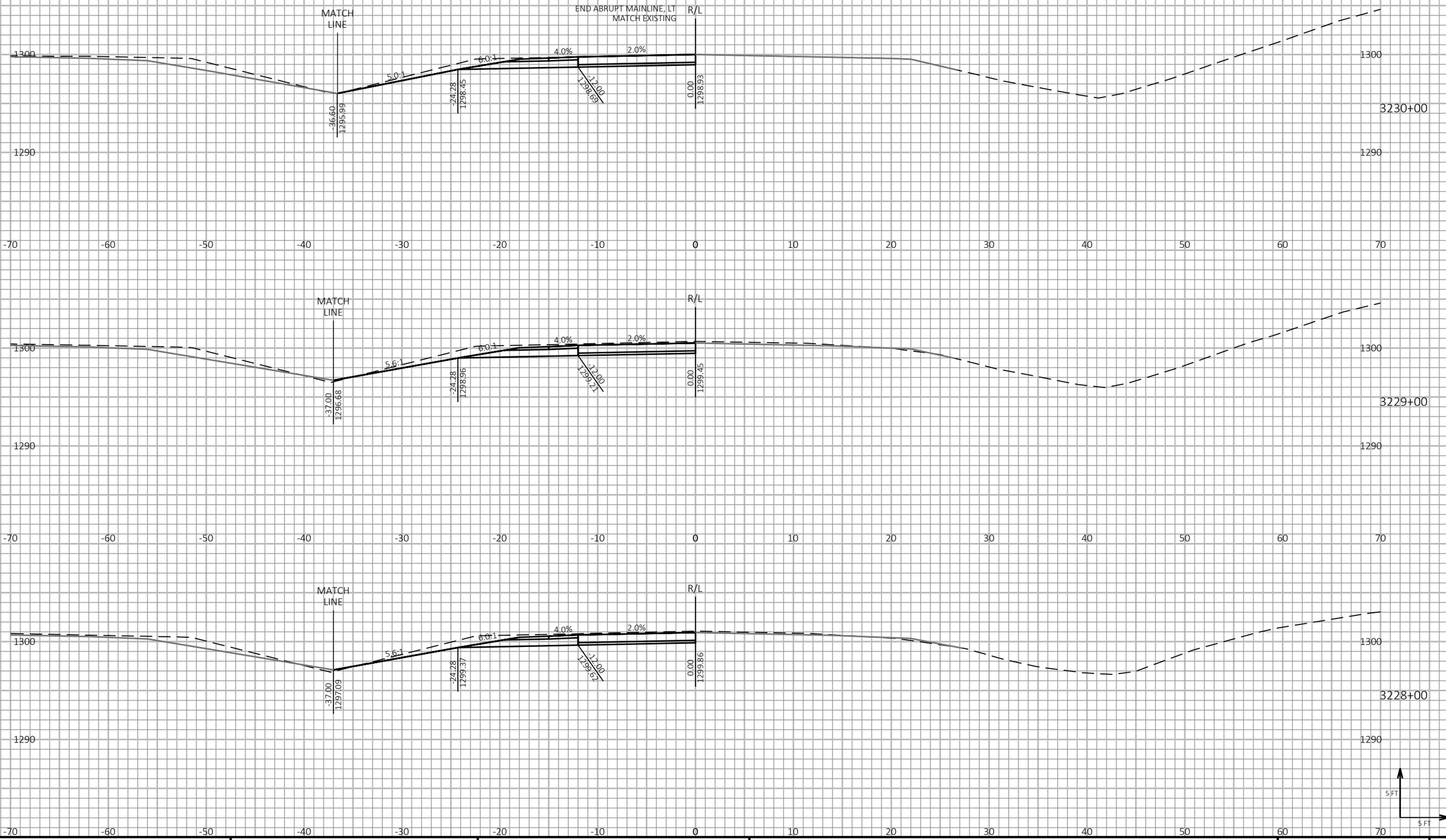
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 5 - CROSSOVER REMOVAL - NORTH PROJECT LIMIT	SHEET 1015 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090236-XS-S5.DWG
LAYOUT NAME - 10

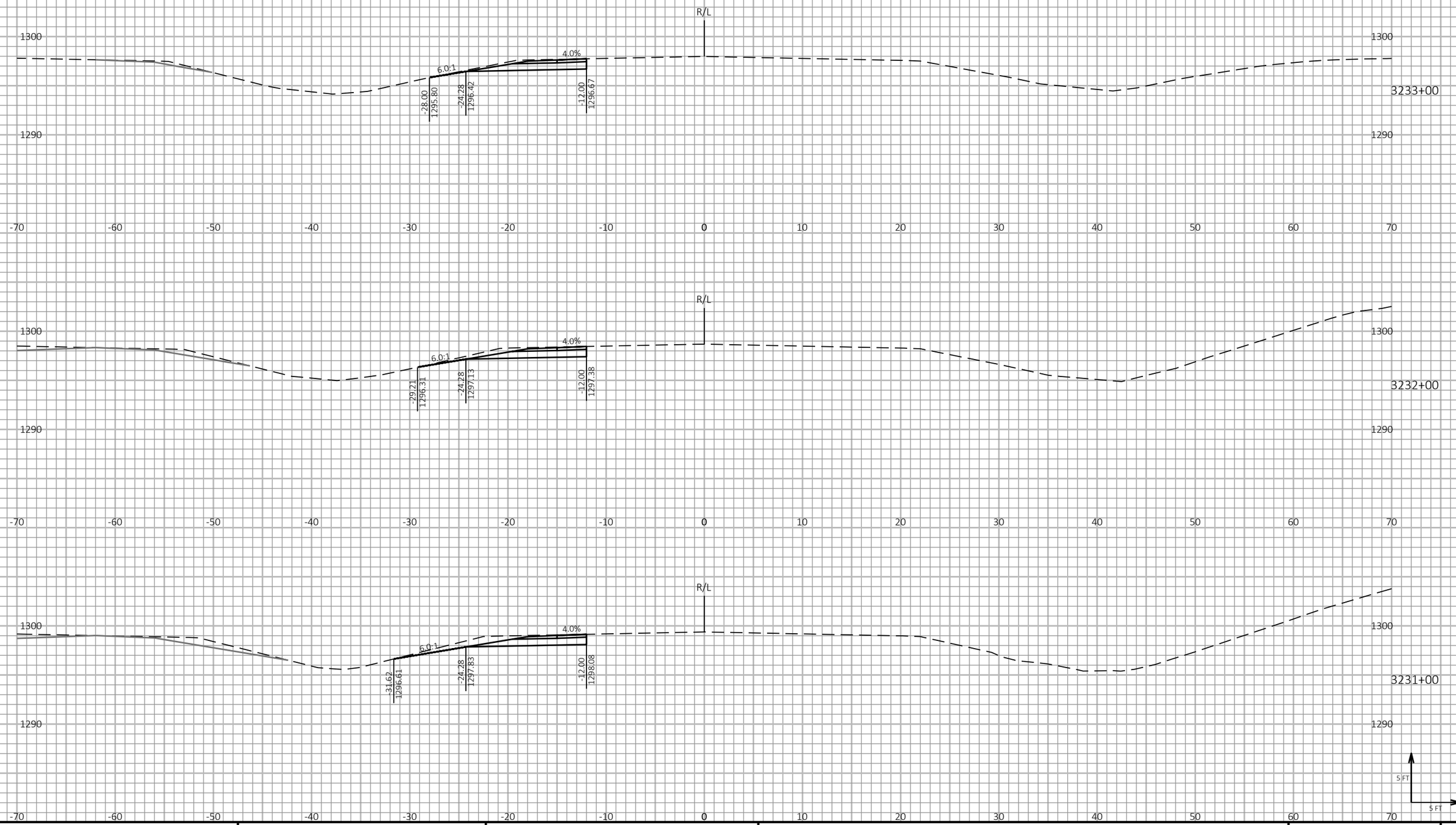
PLOT DATE : 2/3/2022 1:03 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



9

9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 5 - CROSSOVER REMOVAL - NORTH PROJECT LIMIT	SHEET 1016	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090236-XS-S5.DWG
LAYOUT NAME - 11

PLOT DATE : 2/3/2022 1:03 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

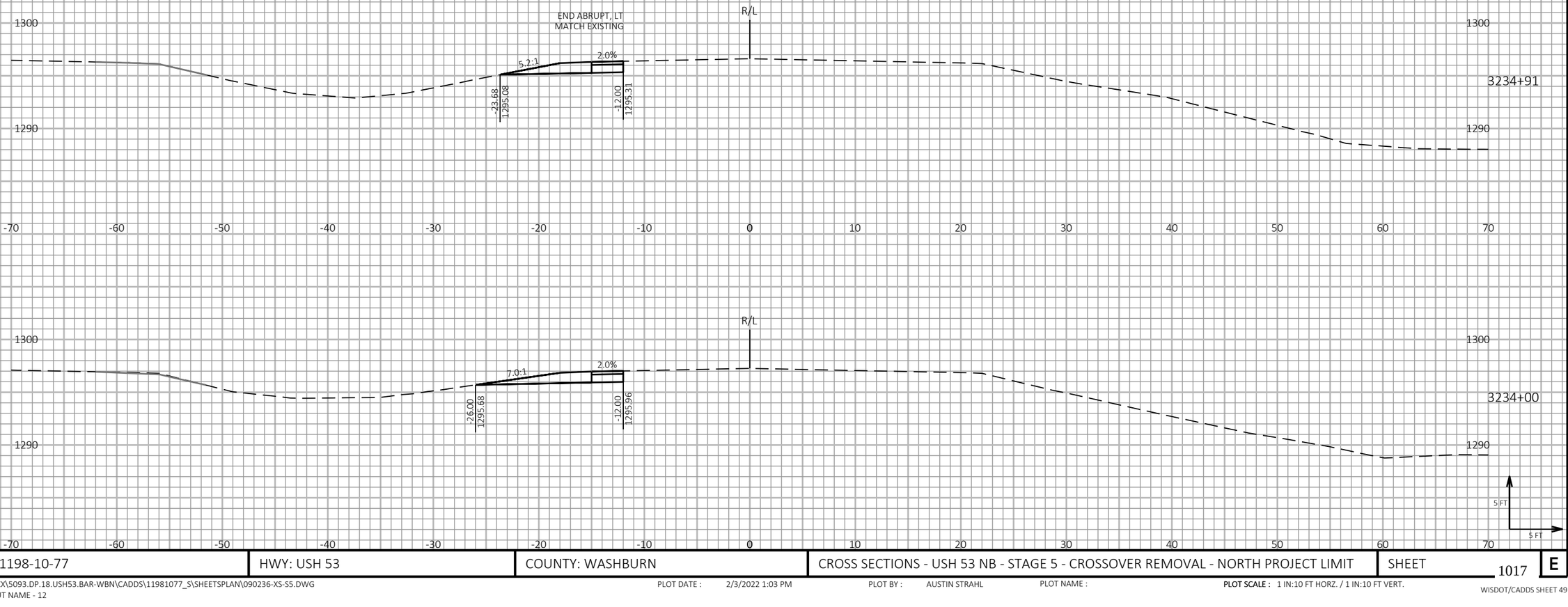
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2 & 4 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 5 CONSTRUCTION



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9

PROJECT NO: 1198-10-77	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 5 - CROSSOVER REMOVAL - NORTH PROJECT LIMIT	SHEET 1017	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11981077_S\SHEETSPLAN\090236-XS-S5.DWG
LAYOUT NAME - 12

PLOT DATE : 2/3/2022 1:03 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Wisconsin Department of Transportation

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