JANUARY 2022 STATE PROJECT STATE OF WISCONSIN ORDER OF SHEETS WISC 2022117 5944-04-73 Section No. DEPARTMENT OF TRANSPORTATION Section No. Typical Sections and Details Section No. Estimate of Quantities Section No. Miscellaneous Quantities PLAN OF PROPOSED IMPROVEMENT Section No. Standard Detail Drawings **DARLINGTON - ARGYLE WILDCAT ROAD TO S JCT STH 78 STH 81** TOTAL SHEETS = **LAFAYETTE** STATE PROJECT NUMBER 5944-04-73 R-3-E R-5-E **END PROJECT** ORIGINAL PLANS PREPARED BY STA 787+42.58 NET EXCEPTION TO CL LENGTH STA 555+42 - STA 555+96 DESIGN DESIGNATION **BEGIN PROJECT** AADT 2022 = 1.600 STA 74+25 A.A.D.T. 2042 = 1,800 Y=167410.4878 D.H.V. X=488796.5760 LAMONT36 = 15.3% DESIGN SPEED = 40 MPH 60 MPH = 440,000 CONVENTIONAL SYMBOLS Woodfor NET EXCEPTION TO CL LENGTH GRADE LINE CORPORATE LIMITS 🗂 STA 179+87 - STA 180+47 ORIGINAL GROUND PROPERTY LINE MARSH OR ROCK PROFILE ATE: 7/30/2021 LOTLINE (To be noted as such) DARLINGTON LIMITED HIGHWAY EASEMENT SPECIAL DITCH STATE OF WISCONSIN EXISTING RIGHT OF WAY GRADE ELEVATION PROPOSED OR NEW R/W LINE DEPARTMENT OF TRANSPORTATION SLOPE INTERCEPT CULVERT (Profile View) PREPARED BY UTILITIES REFERENCE LINE Surveyor ELECTRIC Designer EXISTING CULVERT FIBER OPTIC Project Manage PROPOSED CULVERT (Box or Pipe) SANITARY SEWER COMBUSTIBLE FLUIDS STORM SEWER HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN TELEPHONE SCALE I COORDINATE REFERENCE SYSTEM (WISCRS), LAFAYETTE COUNTY, APPROVED FOR THE DEPARTMENT NAD83 (2011) IN U.S. SURVEY FEET, POSITIONS SHOWN ARE GRID MARSH AREA Mahesh Shrestha Digitally signed by Mahesh Shrest Date: 2021.07.20 14:32:52 -05'00' COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES UTILITY PEDESTAL TOTAL NET LENGTH OF CENTERLINE = 13.486 MILES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED POWER POLE ₫ TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 18. Ø WOODED OR SHRUB AREA TELEPHONE POLE

FEDERAL PROJECT

TAMMY S.

TUCKER

E-40780 WAUKESHA,

ONAL EN

CBS SQUARED, INC

MARC SCHWEIGER

Ε

PROJECT

CONTRACT

1

FILE NAME: N:\PDS\C3D\59440403\SHEETSPLAN\010101-TI.DWG 7/20/2021 7:35 AM

GENERAL NOTES

NO TREES OR SHRUBS SHALL BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE BEEN DESIGNATED FOR REMOVAL BY THE ENGINEER.

DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED, FERTILIZED, AND SEEDED AS DIRECTED BY THE ENGINEER

WHEN PORTIONS OF EXISTING ASPHALTIC SURFACES ARE TO BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION, THE LINE OF SUCH REMOVAL SHALL BE NEATLY DELINEATED WITH A SAW CUT JOINT THROUGH THE ASPHALTIC SURFACE SO THAT REMOVAL OF THE ASPHALT SHALL BE ACCOMPLISHED WITHOUT DAMAGE TO REMAINING PORTIONS. THE LOCATION OF SAW JOINTS AND THE AMOUNT REMOVED AT SIDE ROADS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

PAVING LIMITS ARE TO BE DETERMINED BY THE ENGINEER.

CROSS SLOPES AS SHOWN ON THE TYPICAL SECTION WILL VARY AT THE INTERSECTIONS.

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

WISDOT MONUMENTS WILL BE SUPPLIED BY THE STATE AND INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE FNGINEER.

APPLY TACK COAT AT A RATE OF 0.07 GAL/SY TO MILLED PAVEMENT SURFACES AND 0.05 GAL/SY BETWEEN LAYERS OF HMA PAVEMENT.

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, PASSING OR PARKING LANE.

REFER TO SDD "LONGITUDINAL MARKING (MAINLINE)" AND "PAVEMENT MARKINGS (INTERSECTIONS)" FOR PROJECT PAVEMENT MARKING DETAILS.

CONTRACTOR TO PROTECT HMODS AND KEEP CONSTRUCTION EQUIPMENT AT LEAST 10 FEET AWAY FROM HMODS.

ENSURE THAT HMODS ARE NOT DISTURBED, BUMPED OR MOVED DURING THE DURATION OF THE PROJECT. NOTIFY JACOB ROCKWEILER IMMEDIATELY IF HMODS ARE DISTURBED, BUMPED OR MOVED DURING CONSTRUCTION OPERATIONS.

JACOB ROCKWEILER, P.E., WISCONSIN HEIGHT MODERNIZATION PROGRAM MANAGER WITH THE WISCONSIN DEPARTMENT OF TRANSPORTATION WHOSE PHONE NUMBER IS (608) 516-6362 AND EMAIL IS JACOB.ROCKWEILER@DOT.WI.GOV

MILL AND PAVE ADJACENT TO MONUMENTS WITHOUT DAMAGING THE MONUMENTS.

ORDER OF SECTION 2 SHEETS

GENERAL NOTES

PROJECT OVERVIEW

TYPICAL SECTIONS

CONSTRUCTION DETAILS

PLAN DETAILS

DETOUR ROUTE

FILE NAME :

STANDARD ABBREVIATIONS

AC ACRE
AGG AGGREGATE
AH AHEAD

AADT ANNUAL AVERAGE DAILY TRAFFIC

ASPH ASPHALTIC AVG AVERAGE BK BACK

BAD BASE AGGREGATE DENSE

BM BENCH MARK BR BRIDGE CL OR C/L CENTER LINE

COMMERCIAL ENTRANCE

CONC CONCRETE CO COUNTY

CTH COUNTY TRUNK HIGHWAY
CR CREEK

CABC CRUSHED AGGREGATE BASE COURSE

CY OR CUYD CUBIC YARD
CULV
CULVERT
CP CULVERT PIPE
C&G CURB AND GUTTER
D DEGREE OF CURVE
DIA DIAMETER
DISCH DISCHARGE
E EAST
EB EAST
EL OR ELEV ELEVATION

 EB
 EASTBOUND

 EL OR ELEV
 ELEVATION

 EW
 END WALL

 ENT
 ENTRANCE

 EXC
 EXCAVATION

 EX
 EXISTING

 FERT
 FERTILIZER

 FF
 FIFI D FNTRANC

FE FIELD ENTRANCE
FL OR F/L FLOW LINE
FT FOOT

HMA HOT MIX ASPHALT
CWT HUNDREDWEIGHT
INL INLET
INV INVERT
JCT JUNCTION

LT LEFT
L LENGTH OF CURVE
LIN FT OR LF LINEAR FOOT
LS LUMP SUM
NC NORMAL CROWN
N NORTH
NB NORTHBOUND

NO NUMBER PT POINT PC POINT OF C

PC POINT OF CURVATURE
PCC POINT OF COMPOUND CURVATURE

PI POINT OF INTERSECTION
PT POINT OF TANGENCY
LB POUND
PE PRIVATE ENTRANCE

R RADIUS
RL OR R/L REFERENCE LINE
RT RIGHT
R/W RIGHT-OF-WAY
RD ROAD
SHLDR SHOULDER
SB SOUTHBOUND
SF OR SQ FT SQUARE FEET
SY OR SQ YD SQUARE YARD

SDD STANDARD DETAIL DRAWINGS
STH STATE TRUNK HIGHWAY
SE SUPERELEVATION
T TANGENT

TEMP TEMPORARY
USH UNITED STATES HIGHWAY

V VELOCITY OR DESIGN SPEED
VC VERTICAL CURVE
WB WESTBOUND
YD YARD

UTILITY CONTACTS

ELECTRIC

ALLIANT ENERGY - ELECTRICITY
CURTIS VACHA

490 SHAKERAG STREET MINERAL POINT, WI 53565

(608) 458-4209 (608) 341-9623 - MOBILE

CURTISVACHA@ALLIANTENERGY.COM

SCENIC RIVERS ENERGY COOPERATIVE - ELECTRICITY

PLOT NAME

PLOT SCALE :

CHAD OLMSTEAD
231 N SHERIDAN ST
LANCASTER, WI 53813
(608) 723-2121 x561
(608) 712-0221 - MOBILE
COLMSTEAD@SREC.NET

COMMUNICATIONS

CENTURYLINK - COMMUNICATION LINE DOUG MCGOWAN 135 NORTH BONSON STREET PLATTEVILLE, WI 53818 (608) 482-5377 DOUG.MCGOWAN1@LUMEN.COM

AREA CONTACTS

WISDOT CONTACT

MAHESH SHRESTHA WISDOT SOUTHWEST REGION 2101 WRIGHT ST MADISON, WI 53704 (608) 245-2674

MAHESH.SHRESTHA@DOT.WI.GOV

DESIGN CONTACT
TAMMY TUCKER

CBS SQUARED, INC. 2500 E. ENTERPRISE AVE, SUITE A APPLETON, W154913

(262) 613-8999 TTUCKER@CBSSQUAREDINC.COM WISCONSIN DNR CONTACT

SHELLEY NELSON DNR SOUTH CENTRAL REGION 3911 FISH HATCHERY ROAD FITCHBURG, WI 53711 (608) 444-2835 SHELLEY.NELSON@WISCONSIN.GOV

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

WISDOT/CADDS SHEET 42

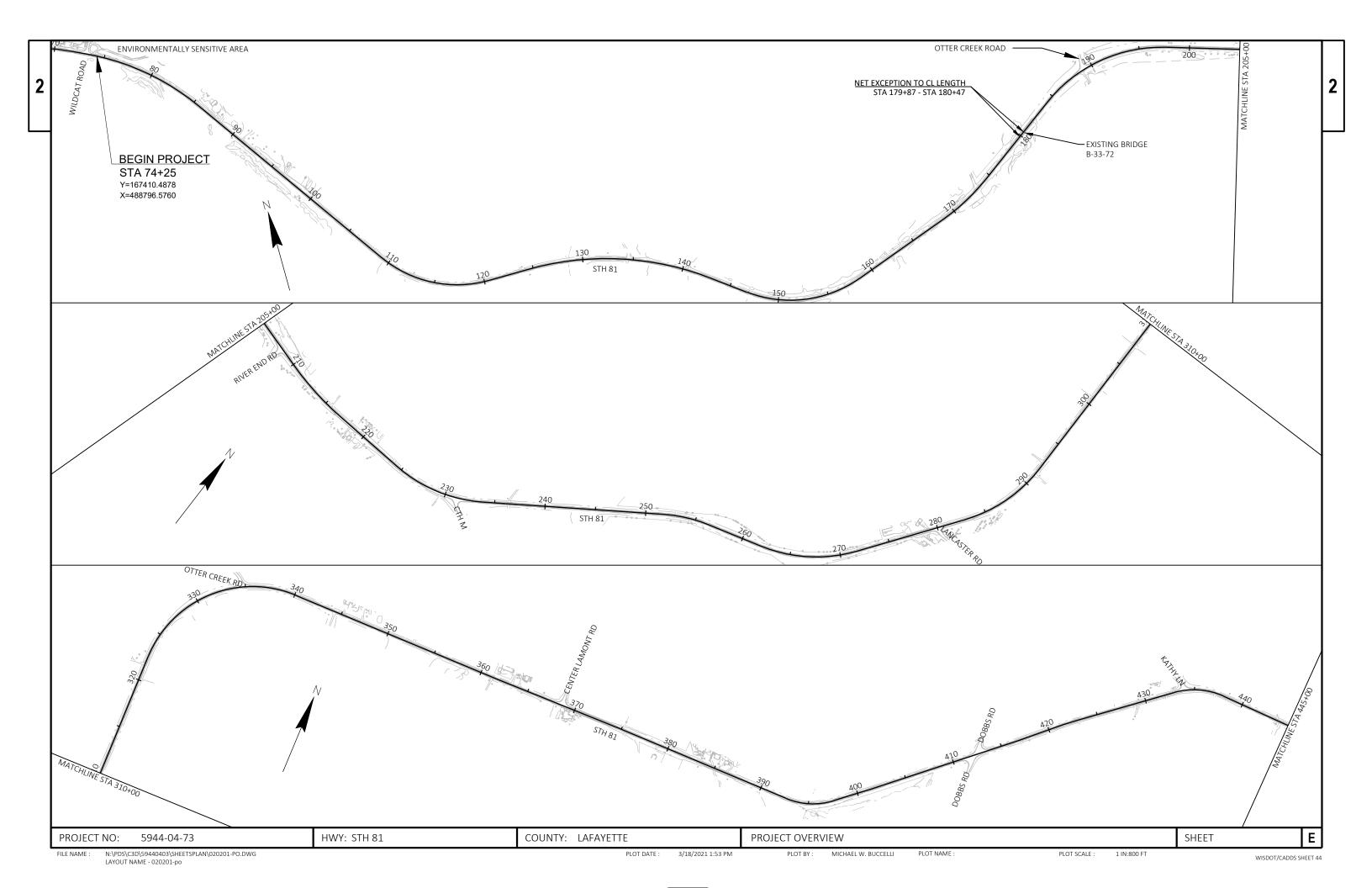
PROJECT NO: 5944-04-73 HWY: STH 81 COUNTY: LAFAYETTE GENERAL NOTES SHEET **E**

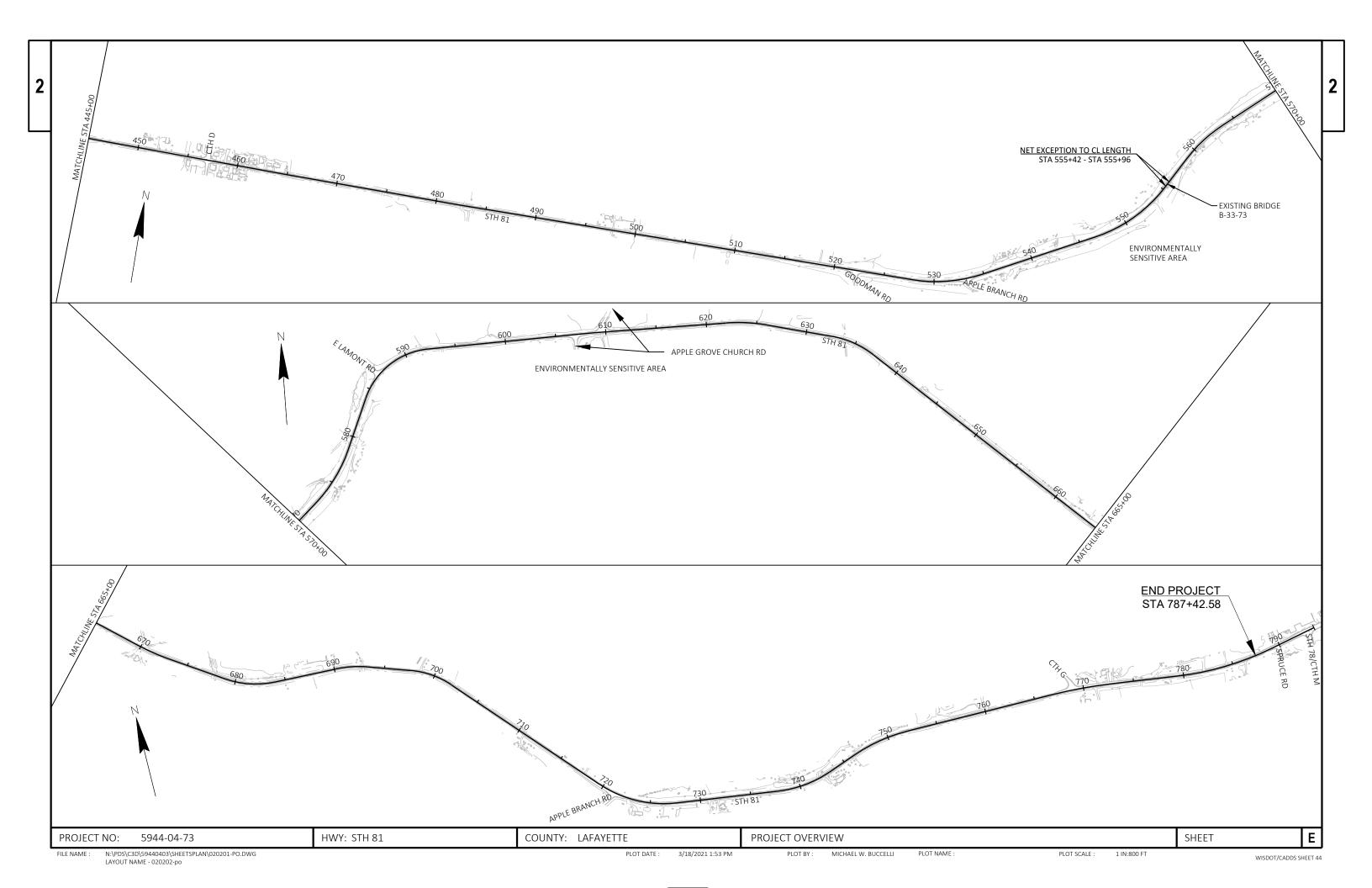
10/19/2021 3:38 PM

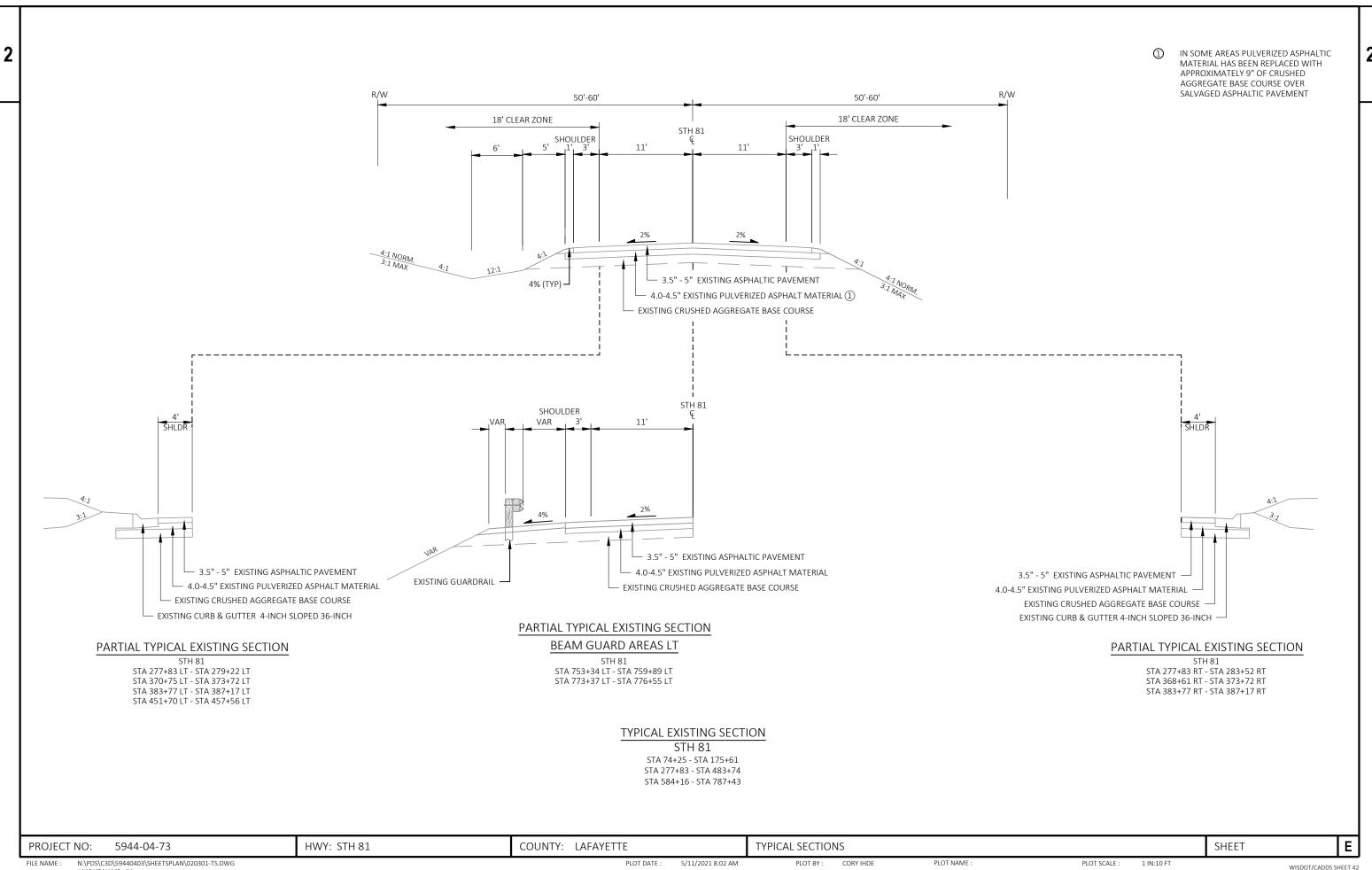
PLOT BY:

CORY IHDE

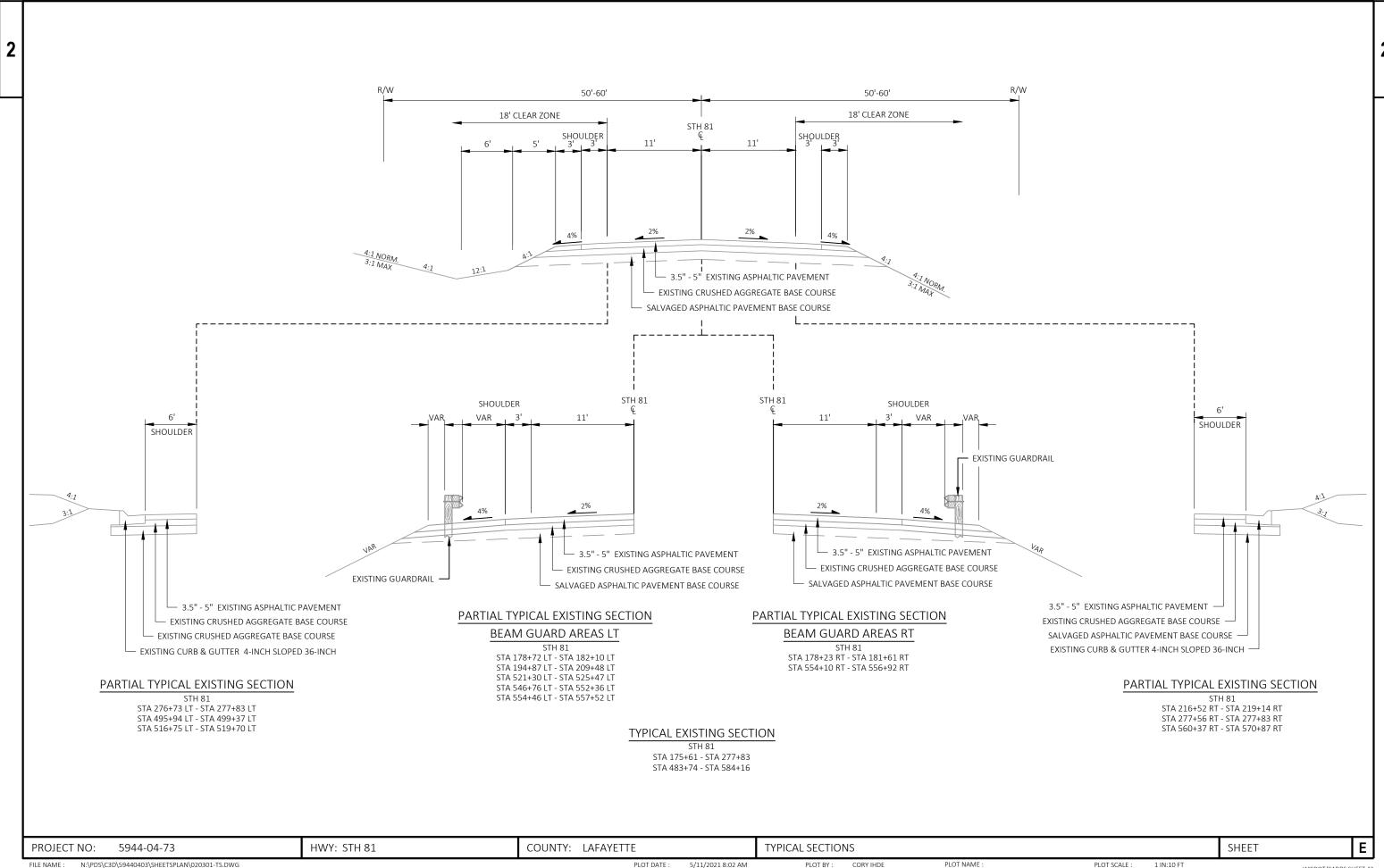
N:\PD\$\(\c3D\\\59440403\\\51EET\$PLAN\\020101-GN.DWG LAYOUT NAME - 01





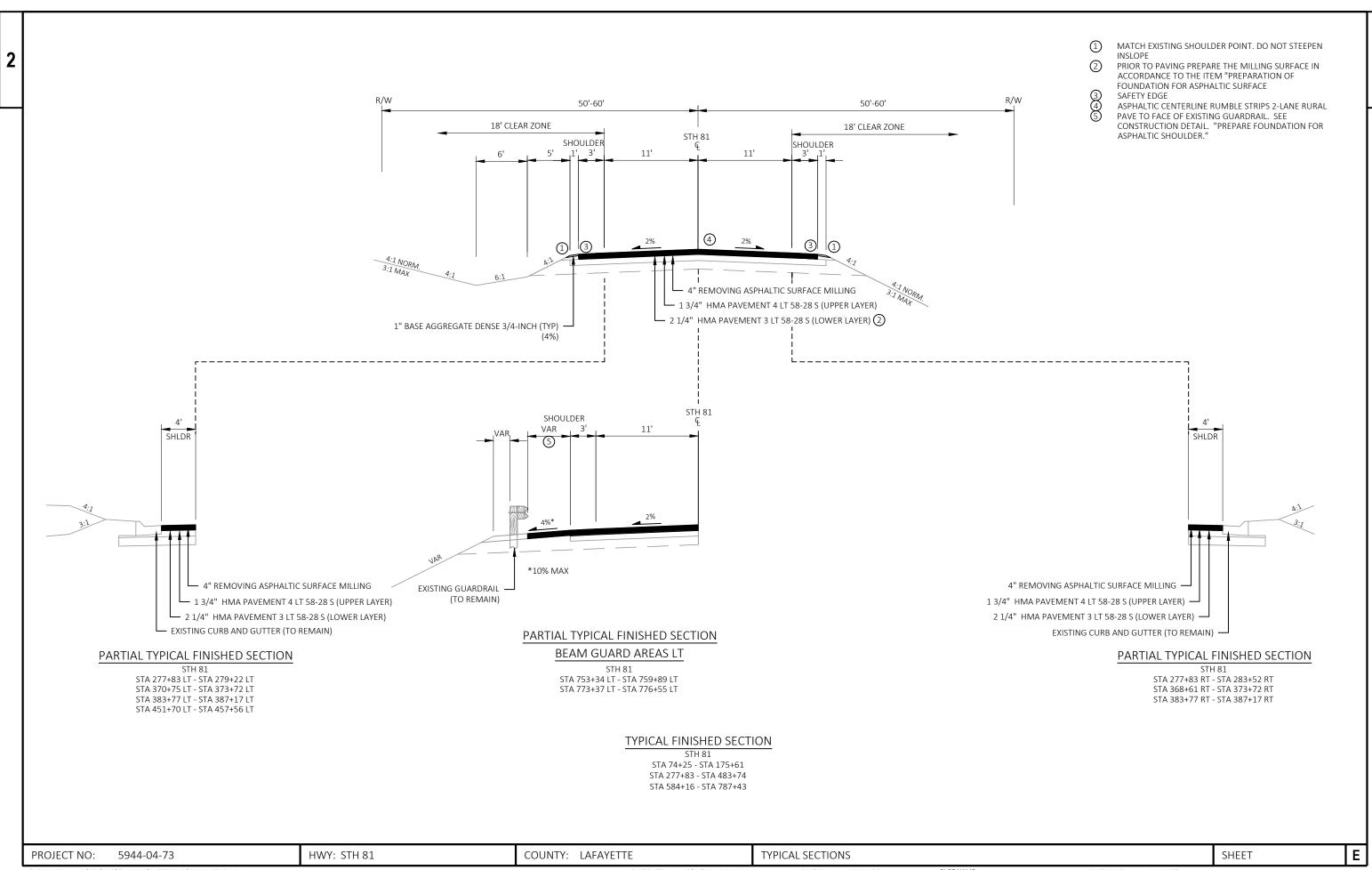


WISDOT/CADDS SHEET 42 LAYOUT NAME - 01



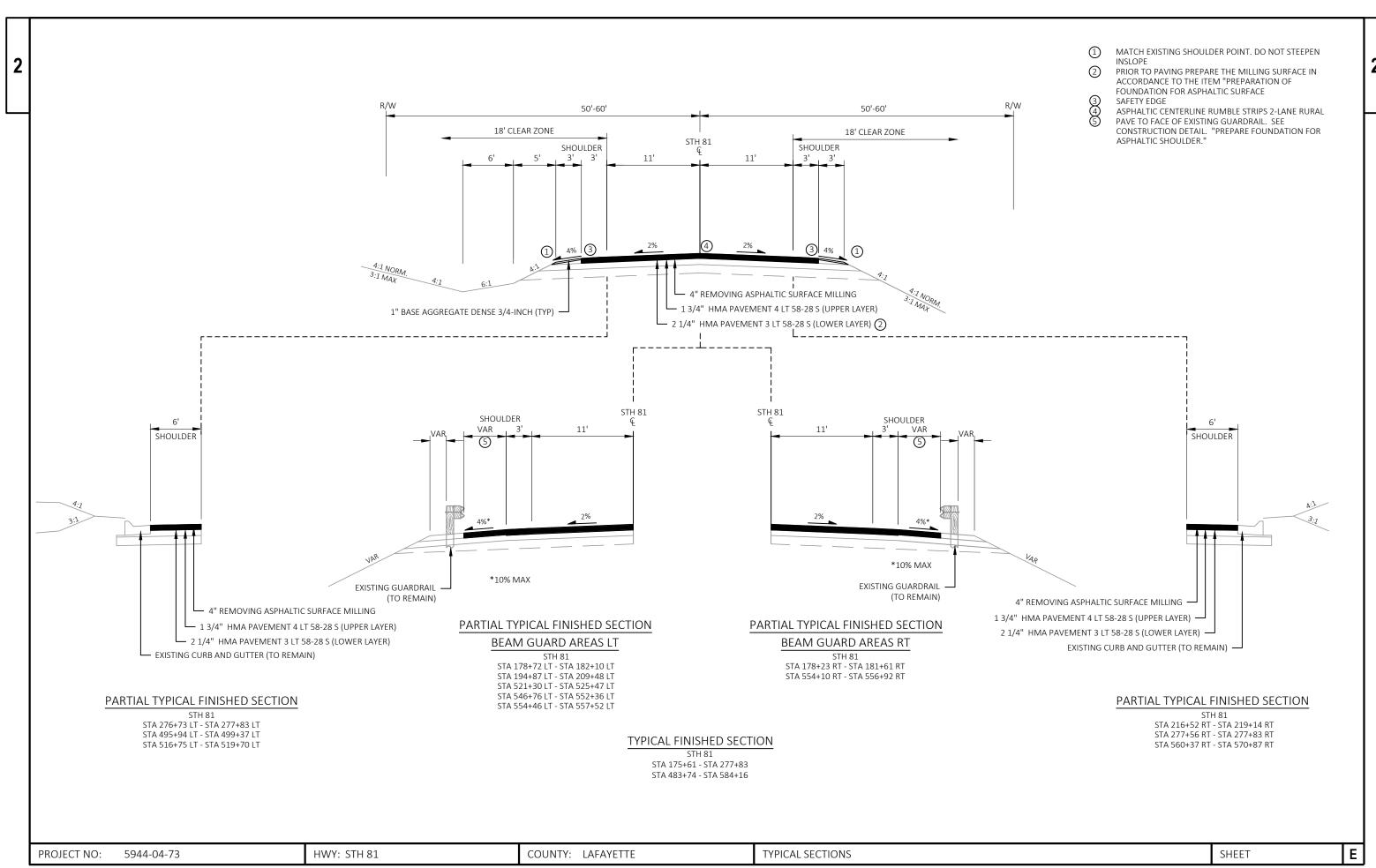
FILE NAME: N:/PDS\C3D\59440403\SHEETSPLAN\020301-TS.DWG PLOT BY: CORY IHDE PLOT NAME: PLOT SCALE: 1 IN:10 FT WISDOT/CADDS SHEET 42

LAYOUT NAME - 02



FILE NAME: N:\PDS\C3D\\59440403\\SHEETSPLAN\\020301-TS.DWG PLOT DATE: 5/11/2021 8:02 AM PLOT BY: CORY IHDE PLOT NAME: PLOT SCALE: 1 IN:10 FT WISDOT/CADDS SHEET 42

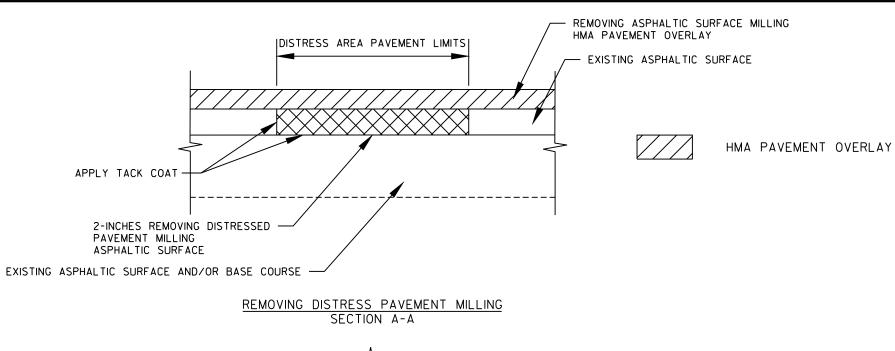
LAYOUT NAME - 03

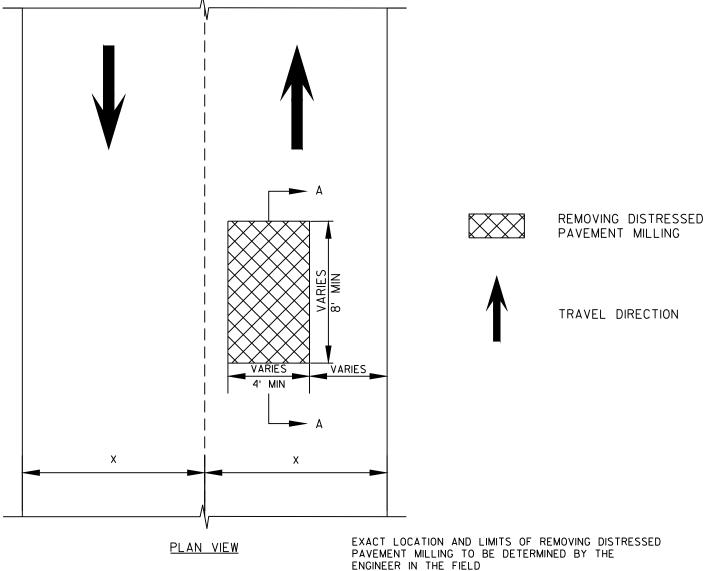


FILE NAME: N:\PDS\C3D\59440403\SHEETSPLAN\020301-TS.DWG PLOT DATE: 5/11/2021 8:03 AM PLOT BY: CORY IHDE PLOT NAME: 1 IN:10 FT WISDOT/CADDS SHEET 42 LAYOUT NAME - 04

FILE NAME: N:\PDS\C3D\S9440403\SHEETSPLAN\021001-CD.DWG PLOT DATE: 5/7/2021 8:13 AM PLOT BY: CORY IHDE PLOT NAME: 1 IN:10 FT WISDOT/CADDS SHEET 42 AYOUT NAME - 01

				BORING LOG		
BORING	DMI LOG (MILE)(1)	OFFSET (FFFT] FROM CL	HMA (INCHES)	PULVERIZED ASPHALT (INCHES)	SAND (2) + PULVERIZEO ASPHALT (INCHES	MATERIAL NOTED BELOW PULVERIZED ASPHALT
5	1.26	6'L1	4.0	8	20	3°CLAY
6	1.53	9'LT	4.0	4	10	WEATHERED LIMESTONE A 3'
7	1.77	12'RT	4.0	6	12	1'TOPSOIL OVER 2.5' CLAY
8	2.02	6"LT	3.0	6	15	1.5' TOPSOIL OVER SILT
9	2.26	9'R1	3.0	5	14	Sitr
10	2.52	12'RT	4.0	Ò	6	SILTY CLAY
11	2.77	12'LT	3.5	2.5	12.5	3.5° CLAY
12	3.06	S'RT	4.5	0	36	1.5' CLAY
13	3.27	8'LT	5.0	8" SAND W/ GRAVEL OVER 6" PULVERIZED ASPHALT	44	1'TOPSOIL
14	3.56	9'LT	4.5	11" SAND OVER 3" PULVERIZED ASPHALT	12	WEATHERED SANDSTONE
15	3.79	9'RT	5.0	9" SAND OVER 3" PULVERIZED ASPHALT	54	3.5' \$AND
16	4.02	9°LT	6.0	8" SAND OVER 4"	42	DENSE SILTY SAND
17	4.28	7'17	5.0	9" SAND OVER 4"	37	1.5' SANDY SILT
18	4.53	9'LT	4.5	PULVERIZED ASPHALT 11" SAND OVER 4"	15	2' MOIST WET SILTY SAND
19	4.33	12'RT	5.0	PULVERIZED ASPHALT 6.5" SAND OVER 2"	48	3.5' SAND, SILTY W/ GRAVEL
20	4.77	12 KI	3.0	PULVERIZED ASPHALT 8	16	1'TOPSOIL OVER 2.5' CLAY
21	5.01	6' RT	4.0	7" SAND OVER 6"	45	1'CLAY
22	5.28	9'RT	5.0	PULVERIZED ASPHALT 5	31	3'TOPSOIL OVER CLAY
23	5.52	10'LT	4.0	8	12	3.5'CLAYEY SILT
24	5.78	6' RT	5.0	6" SAND W/ GRAVEL OVER	53	POSSIBLE WEATHERED SANDSTONE W/
				6" PULVERIZED ASPHALT 5" SAND, SOME GRAVEL		LIMESTONE PIECES
25	6.02	9'LT	5.0	OVER 6" PULVERIZED	35	1' TOPSOIL
26	6.27	9'RT	5.5	8	12+	SAND
27	6.55	9'LT	6.5	0	54	SAND W/ GRAVEL
28	6.79	9'RT	6.0	0	15.5	1' TOPSOIL OVER 2' CLAY
29	7.3	12'LT	5.0	5.5	13.5	1.S SILTY CLAY OVER 2"SILTY CLAY
30 31	7.5 4 7.78	10'LT 6'RT	4.5	4.5 8	12.5	2'SILTY CLAY
32	8.08	14'LT	4.0	7	17	3.5° CLAY W/SILT 3°SILTY CLAY
33	8.25	6'RT	4.0	0	12	1'TOPSOIL OVER 2.5'CLAY
34		9'R1	4.0	6.5	12	
	8.55			1		CLAY, SOME SAND
35	8.81	6'LT	8.0	6.5" OVER S" ASPHALT	0	3.0'TOPSOIL
36 37	9.03 9.3	12'RT 9'LT	9.0	6.5" OVER 6" ASPHALT 0	0 16.5	1.5" TOPSOIL OVER 2.5" CLAY 2" CLAY OVER 1.5" SAND
38	9.54	9'R1	6.5	0	48+	2 CLATOVER 1.3 SAND
39	9.88	9°LT	7.0	0	31	1'LIMESTONE, AUGER REFUSAL
40	10.07	6'RT	5.0	0	35	PROBABLE WEATHERED BEDROCK
41	10.35	12'LT	6.0	0	48+	The second secon
42	10.56	13'RT	8.0	0	20	1' CLAYEY SILT
43	11.03	6°LT	9.0	0	20	WET CLAY W/ GRAVEL
44	11.3	13'RT	5.0	n	35	2"CLAY OVER 1.5" SAND
45	11.55	9'RT	4.0	5	13	
46	11.83	4'RT	4.0	5	10	SILTY CLAY
47	12.03	9°L1	4.5	8	13	CLAY
48	12.28	9'RT	5.0	4	14	1'TOPSOIL OVER CLAY
49	12.54	6'RT	4.0	5	17	CLAY OVER SANDSTAND AT 5'
50	12.81	9°LT	6.0	0	18	3.5' CLAY
51	13.04	12'Lr 6'LT	4.0	7.5	13.5	CLAY 2'TOPSOIL OVER CLAY
	13,43		4.0	0	48+	2 FOR JUIE OVER GEMI
52	13 77	grrt				
52 53	13.77 14.07	9'RT 8'LT			 	2' SH T
52	13.77 14.07 14.52	9' RT 8' LT 6' RT	5.0	10.5	20 5	2'SILT SAND W/SANDSTONE PIECES





(1) This distance is calculated from the intersection of Luisa St and Main St in Darlington.

5944-04-73

(2) This column add the pulverized or pulverized sand mix with the next layer of material which was typically sand.

HWY: STH 81

N:\PDS\C3D\59440403\SHEETSPLAN\021001-CD.DWG PLOT BY: CORY IHDE PLOT NAME : FILE NAME : PLOT DATE: 5/7/2021 8:13 AM

COUNTY: LAFAYETTE

PLOT SCALE :

CONSTRUCTION DETAILS

LAYOUT NAME - 02

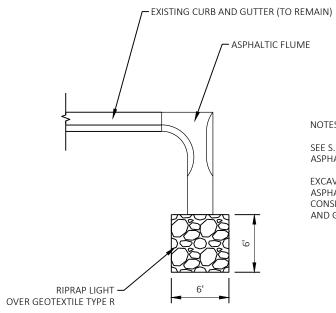
PROJECT NO:

WISDOT/CADDS SHEET 42

SHEET

1 IN:10 FT

Ε

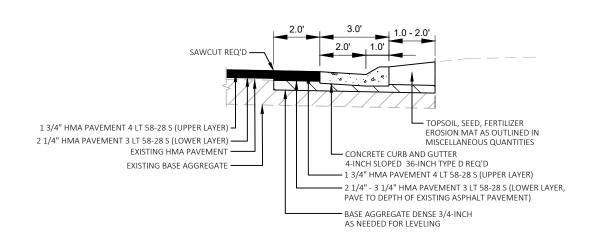


NOTES:

SEE S.D.D. "CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES" FOR ADDITIONAL DETAILS.

EXCAVATION COMMON REQUIRED TO CONSTRUCT ASPHALTIC FLUMES OR PLACE RIPRAP SHALL BE CONSIDERED INCIDENTAL TO THE RIP RAP LIGHT AND GEOTEXTILE TYPE R BID ITEMS.

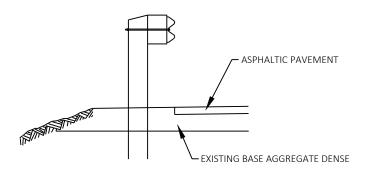
LIGHT RIPRAP AT ASPHALTIC FLUMES

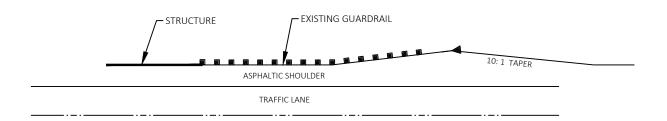


C&G REPLACEMENT DETAIL

COUNTY: LAFAYETTE Ε PROJECT NO: 5944-04-73 HWY: STH 81 CONSTRUCTION DETAILS SHEET

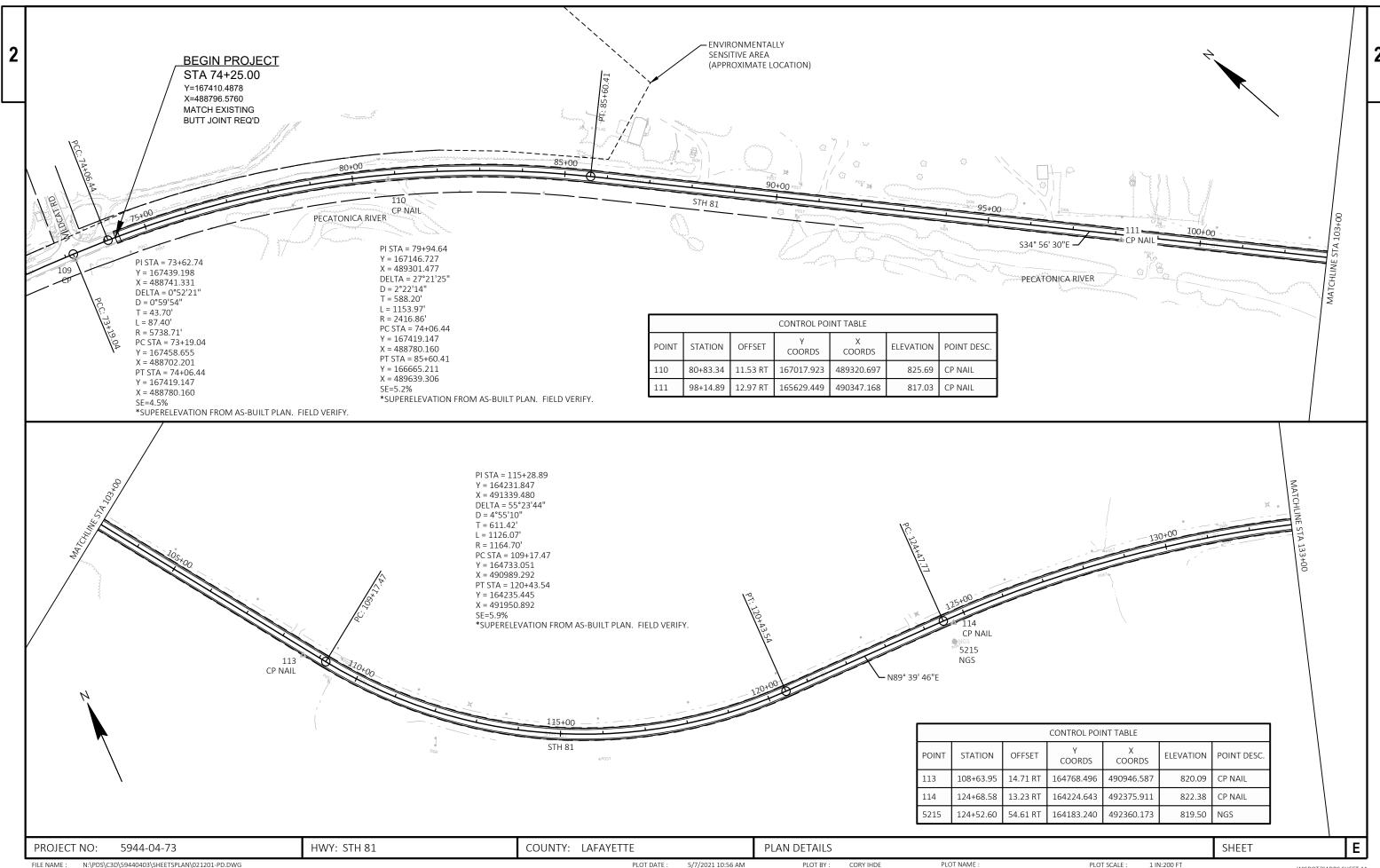
PLOT BY: CORY IHDE PLOT NAME : FILE NAME : N:\PDS\C3D\59440403\SHEETSPLAN\021001-CD.DWG PLOT DATE : 5/7/2021 8:13 AM PLOT SCALE : 1 IN:10 FT WISDOT/CADDS SHEET 42 LAYOUT NAME - 03



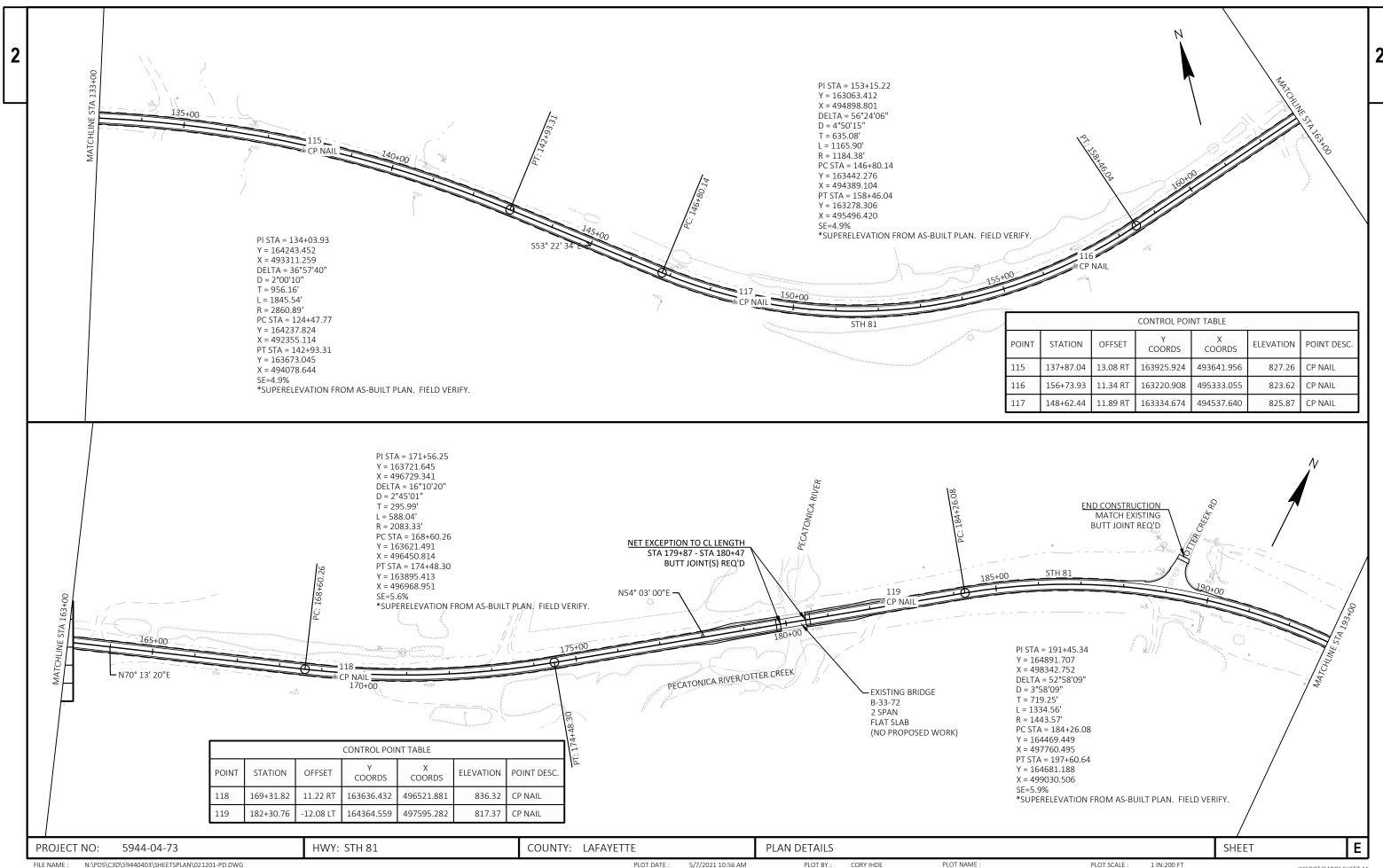


DETAIL FOR ASPHALTIC SHOULDER AT BEAM GUARD

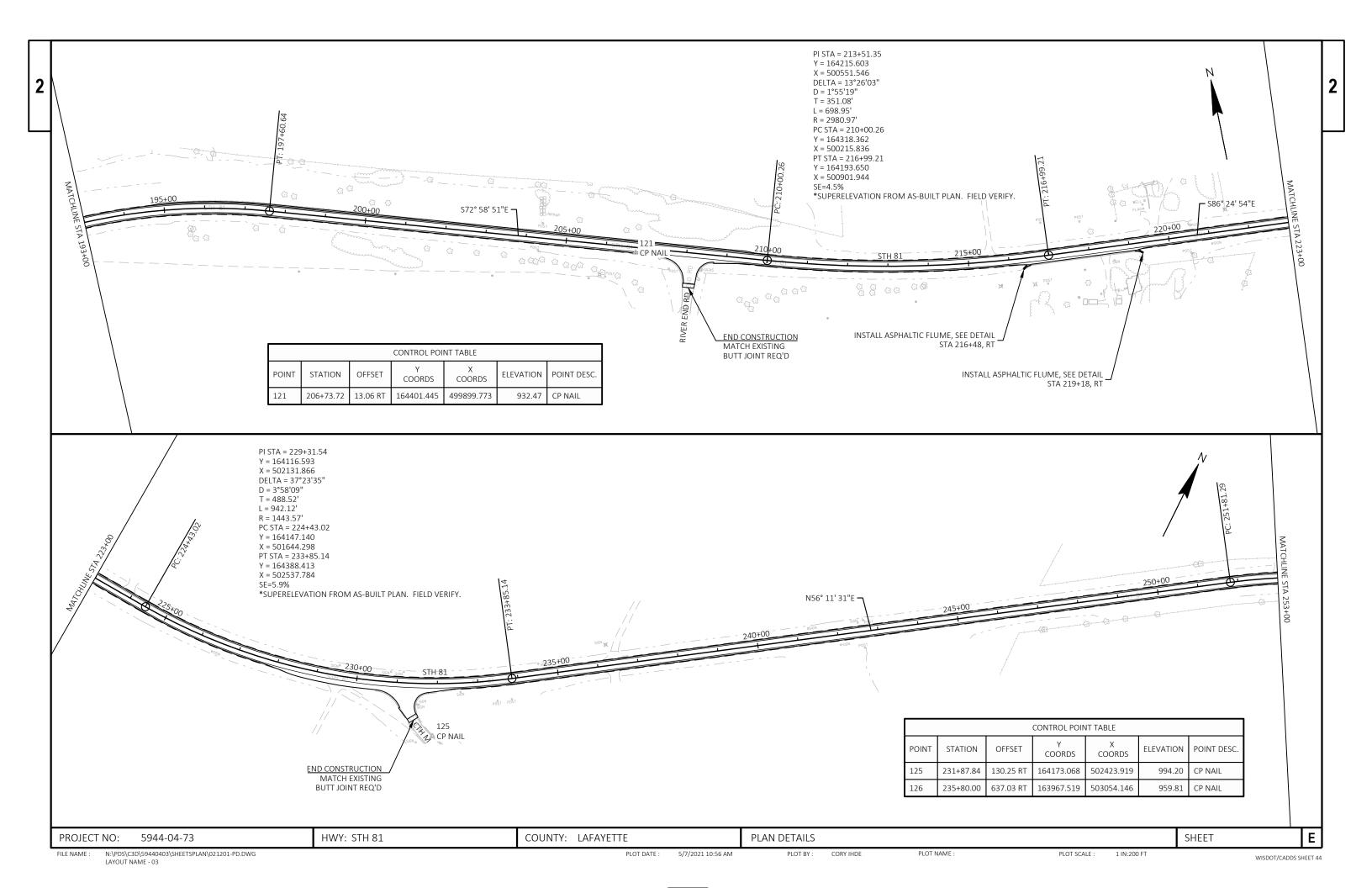
HWY: STH 81 E COUNTY: LAFAYETTE SHEET PROJECT NO: 5944-04-73 CONSTRUCTION DETAILS FILE NAME :

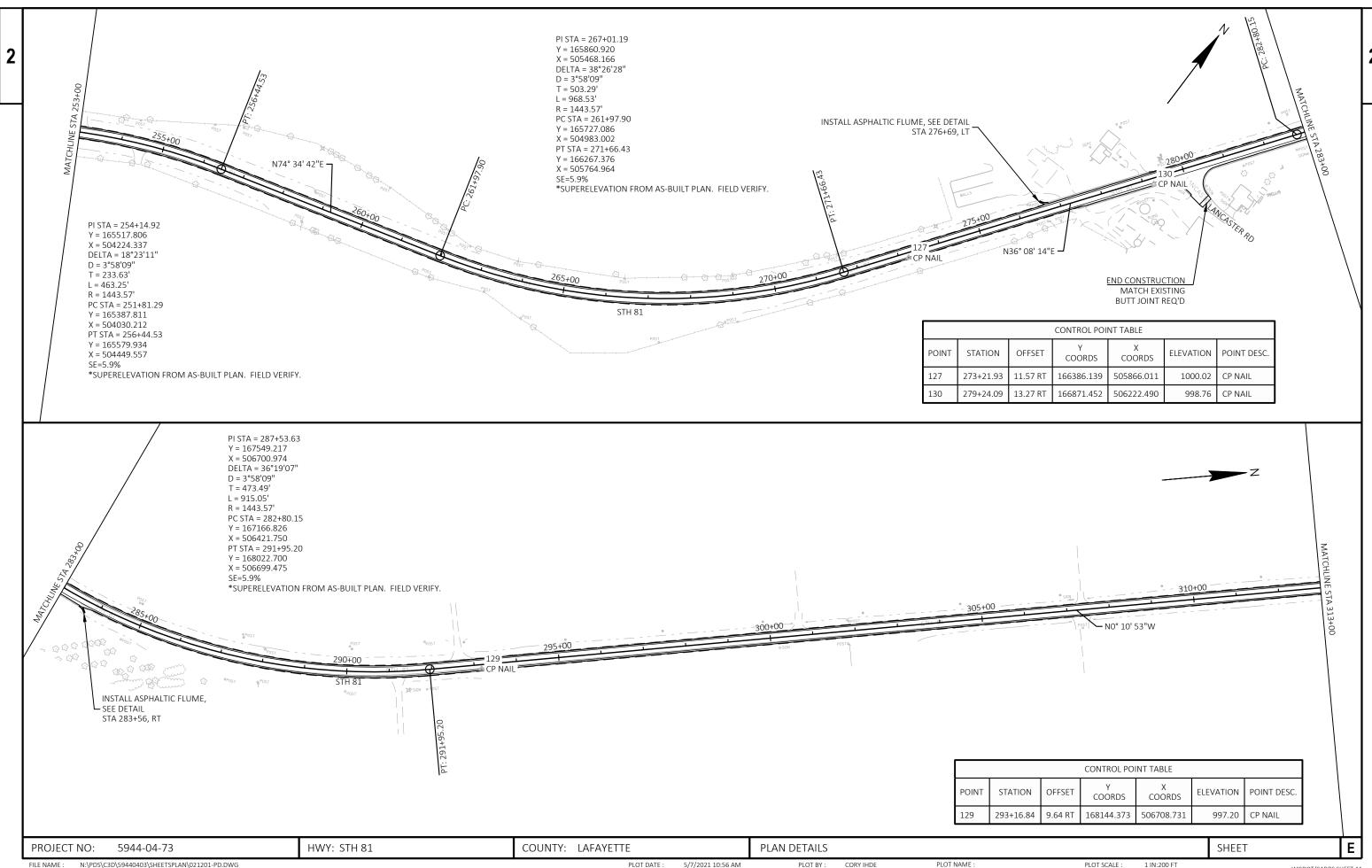


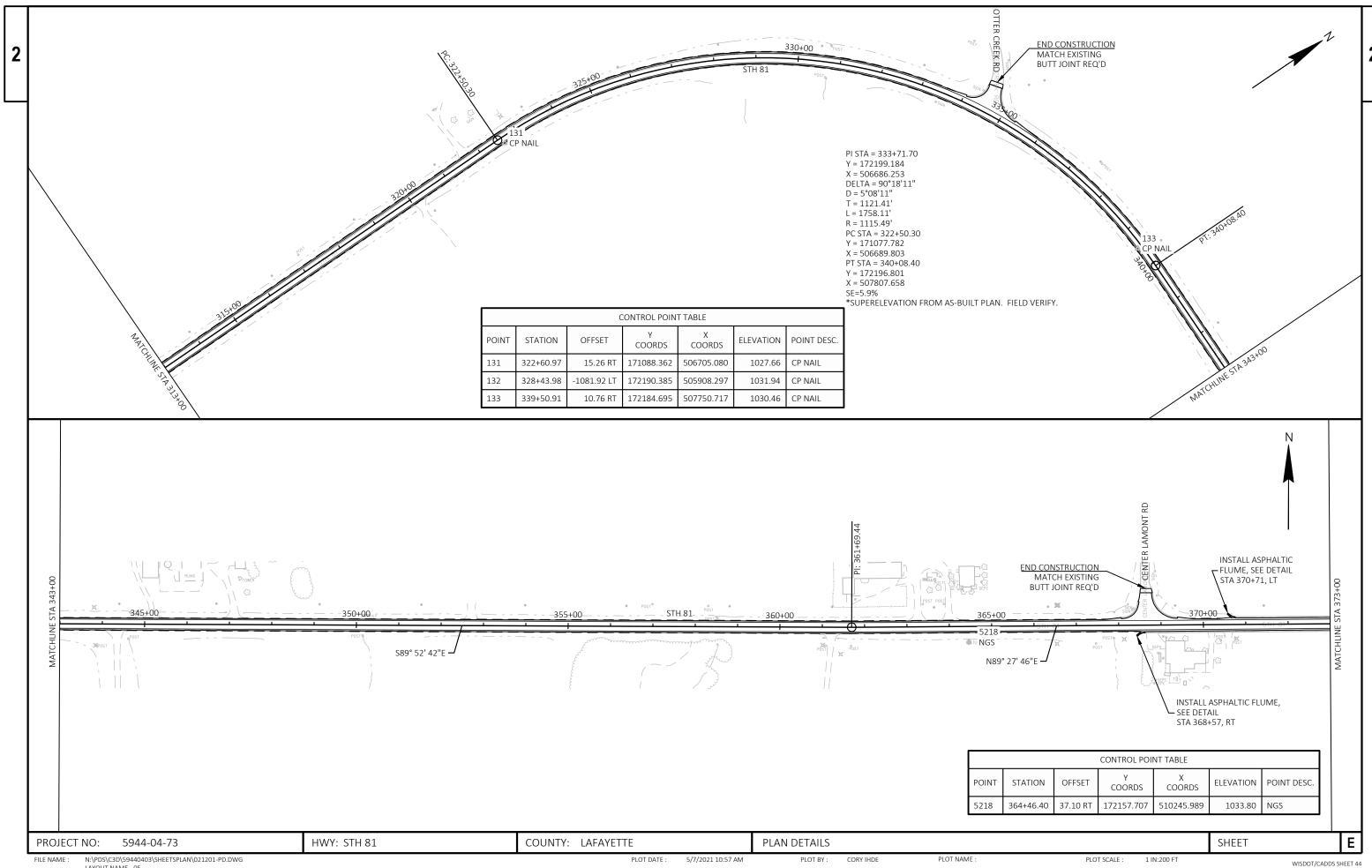
1 IN:200 FT WISDOT/CADDS SHEET 44

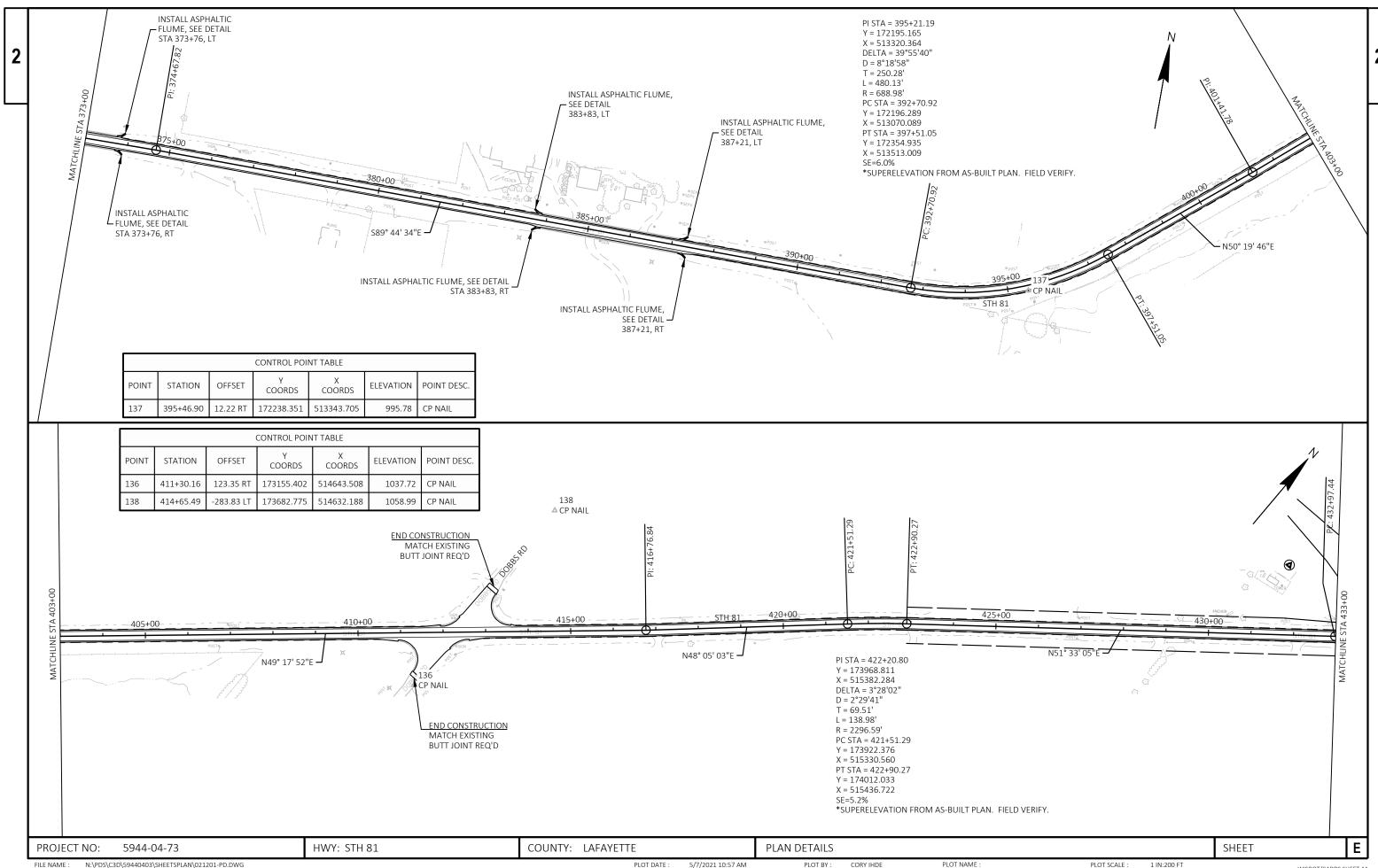


WISDOT/CADDS SHEET 44



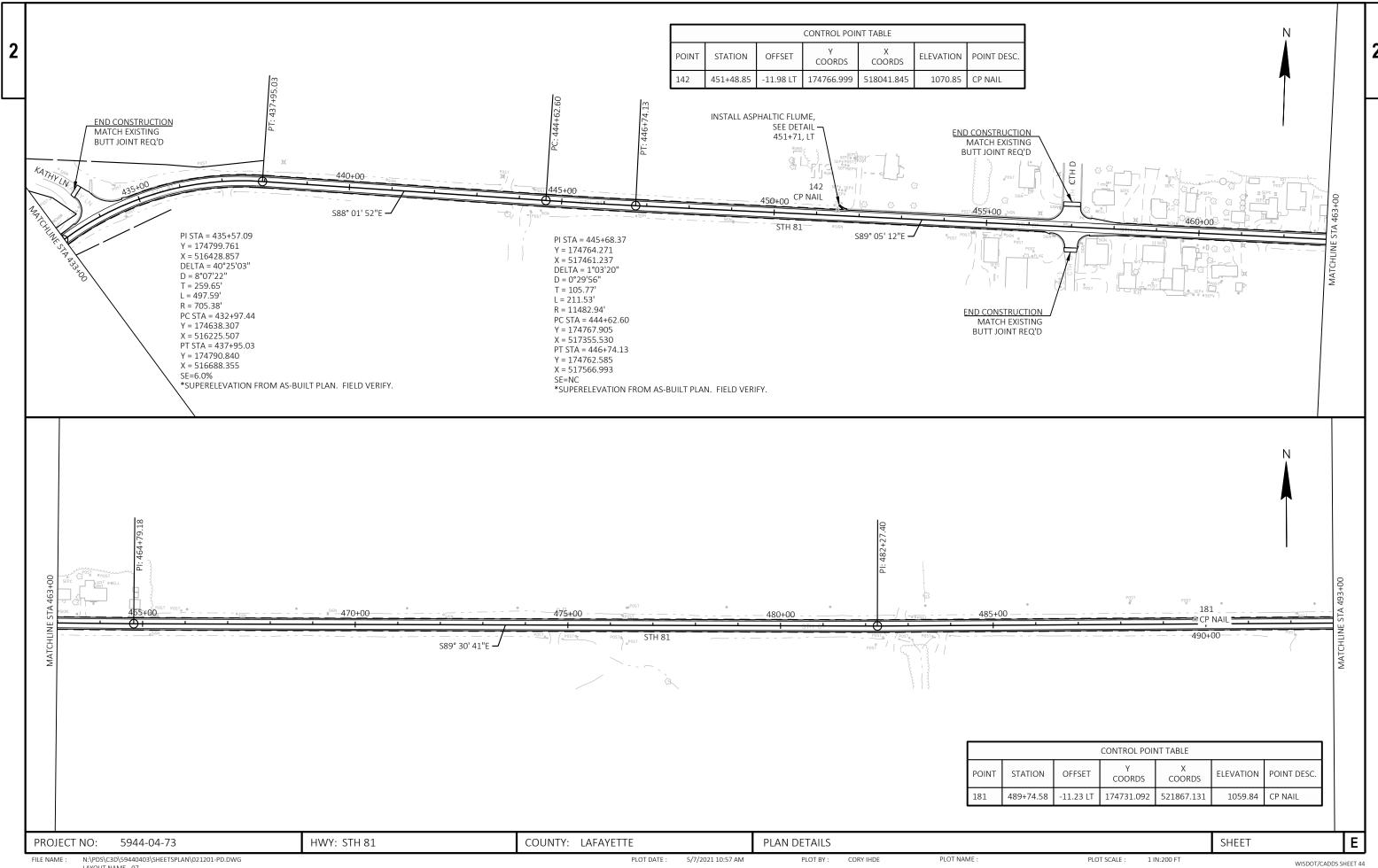


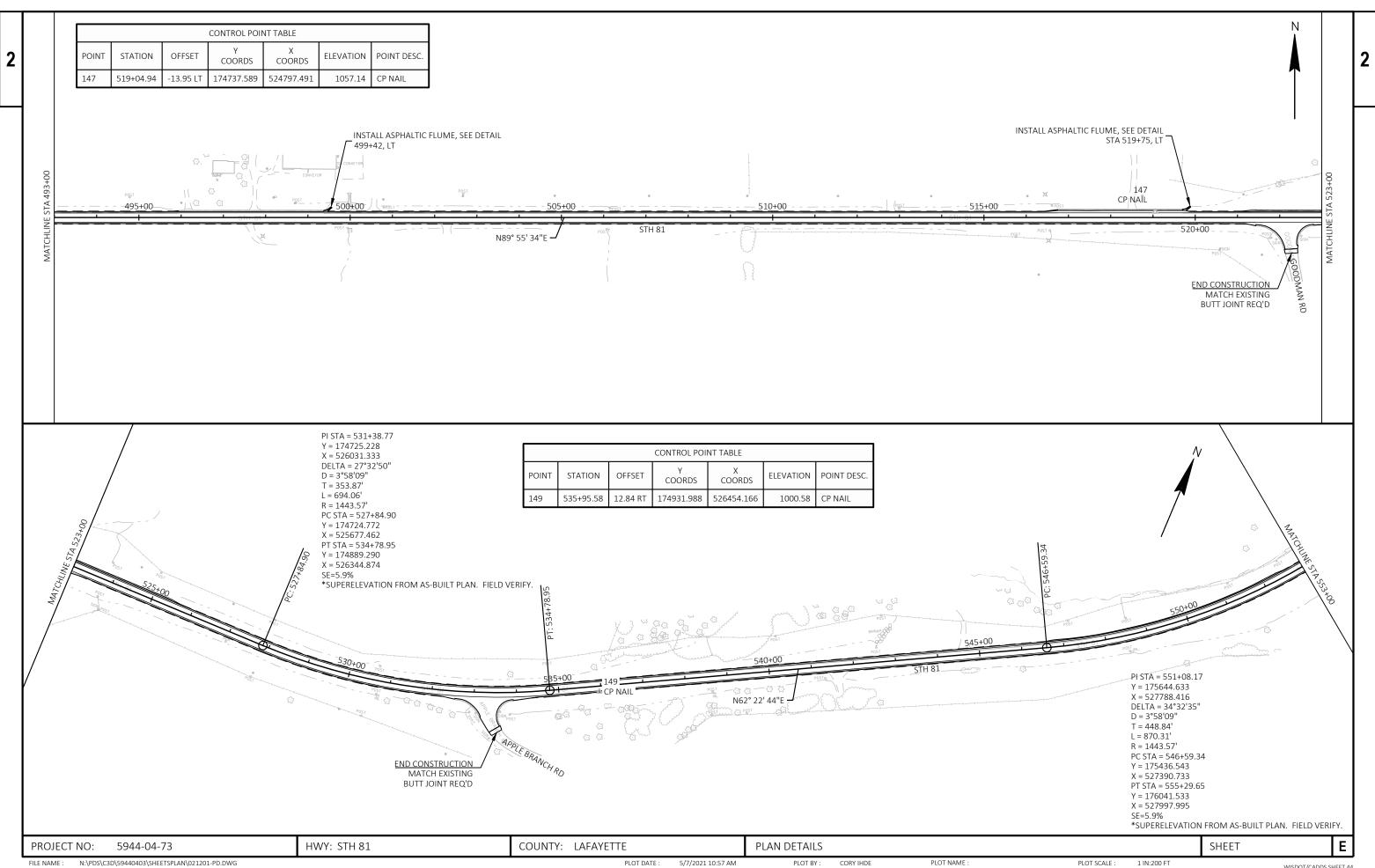




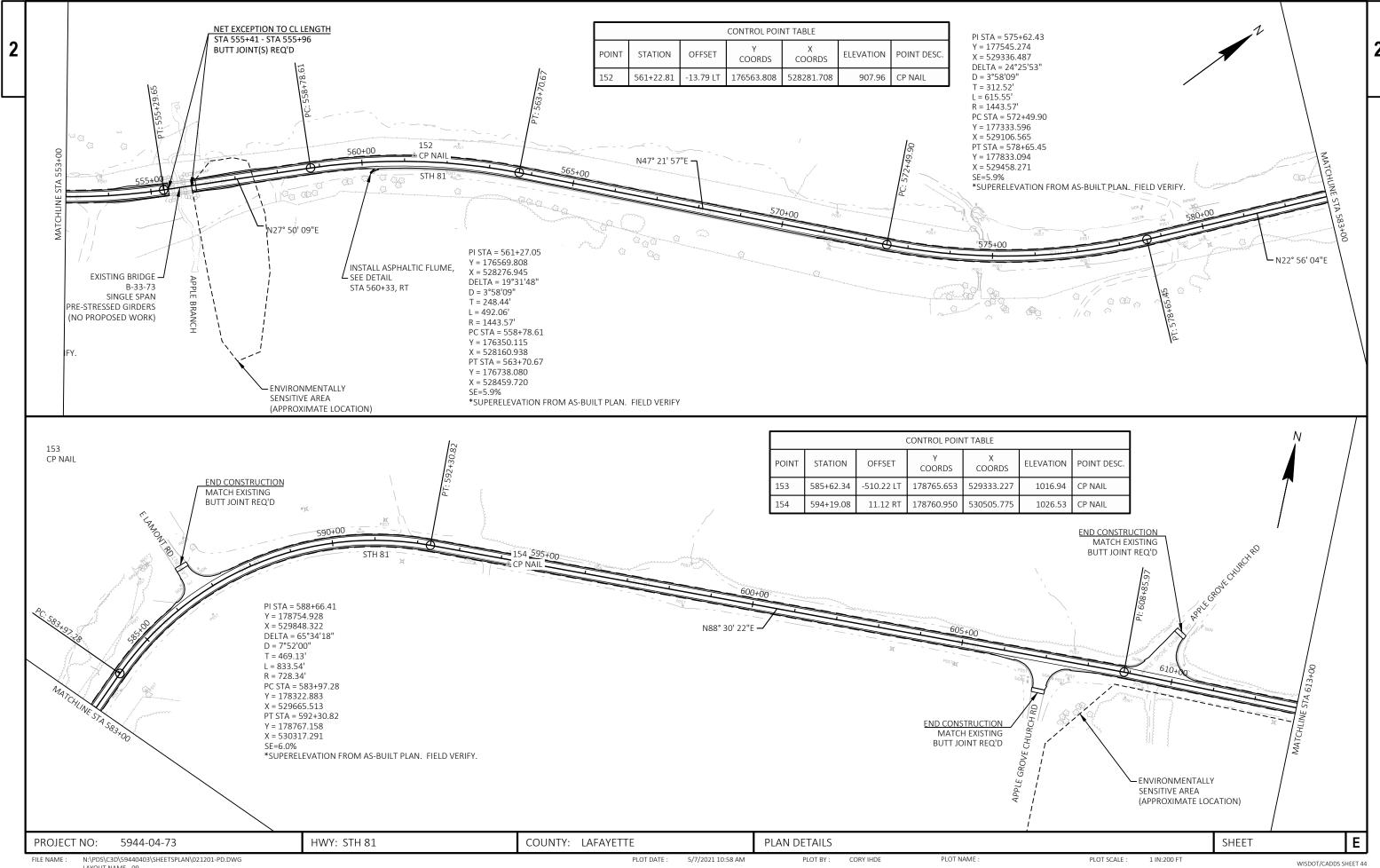
1 IN:200 FT

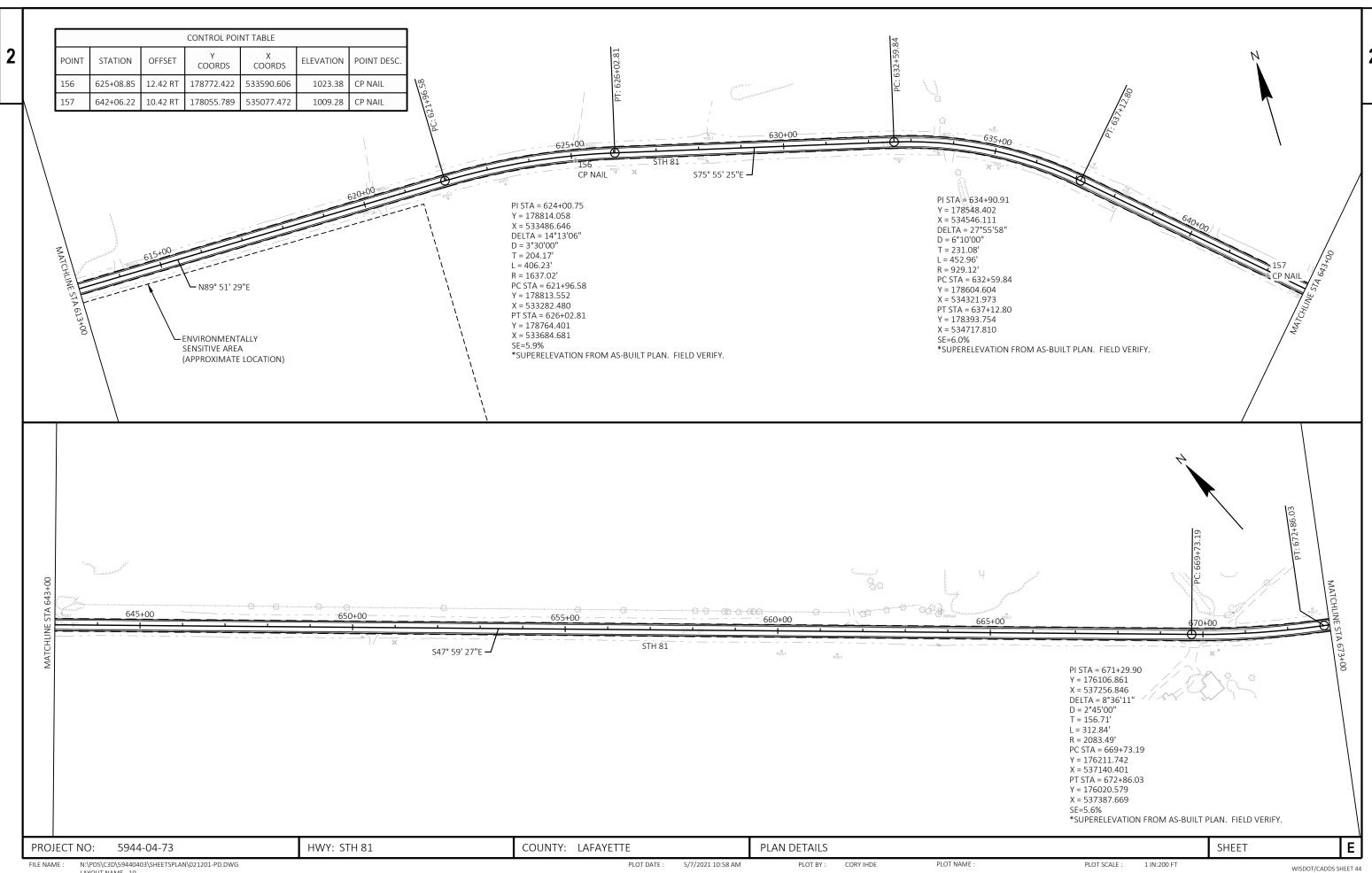
WISDOT/CADDS SHEET 44



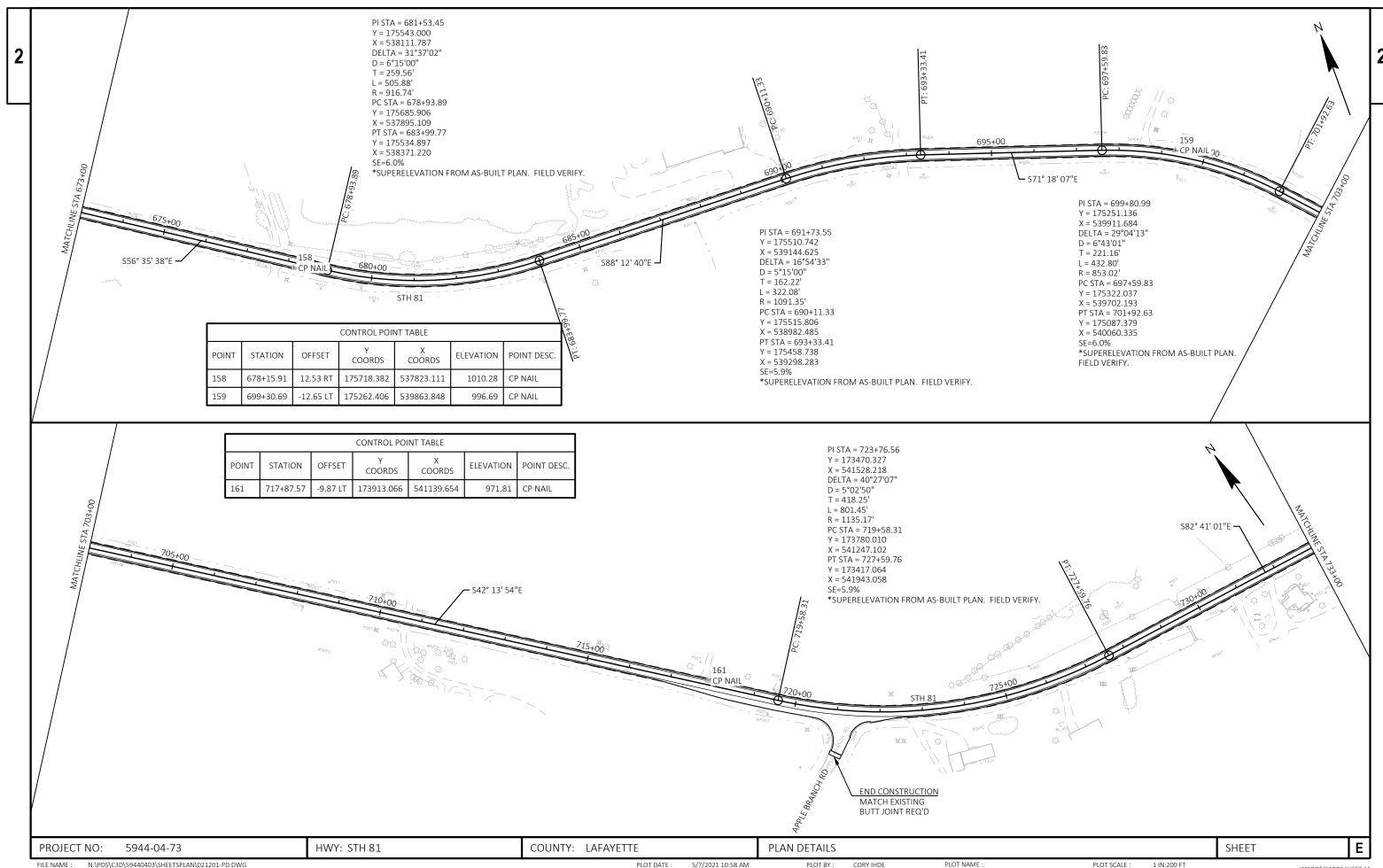


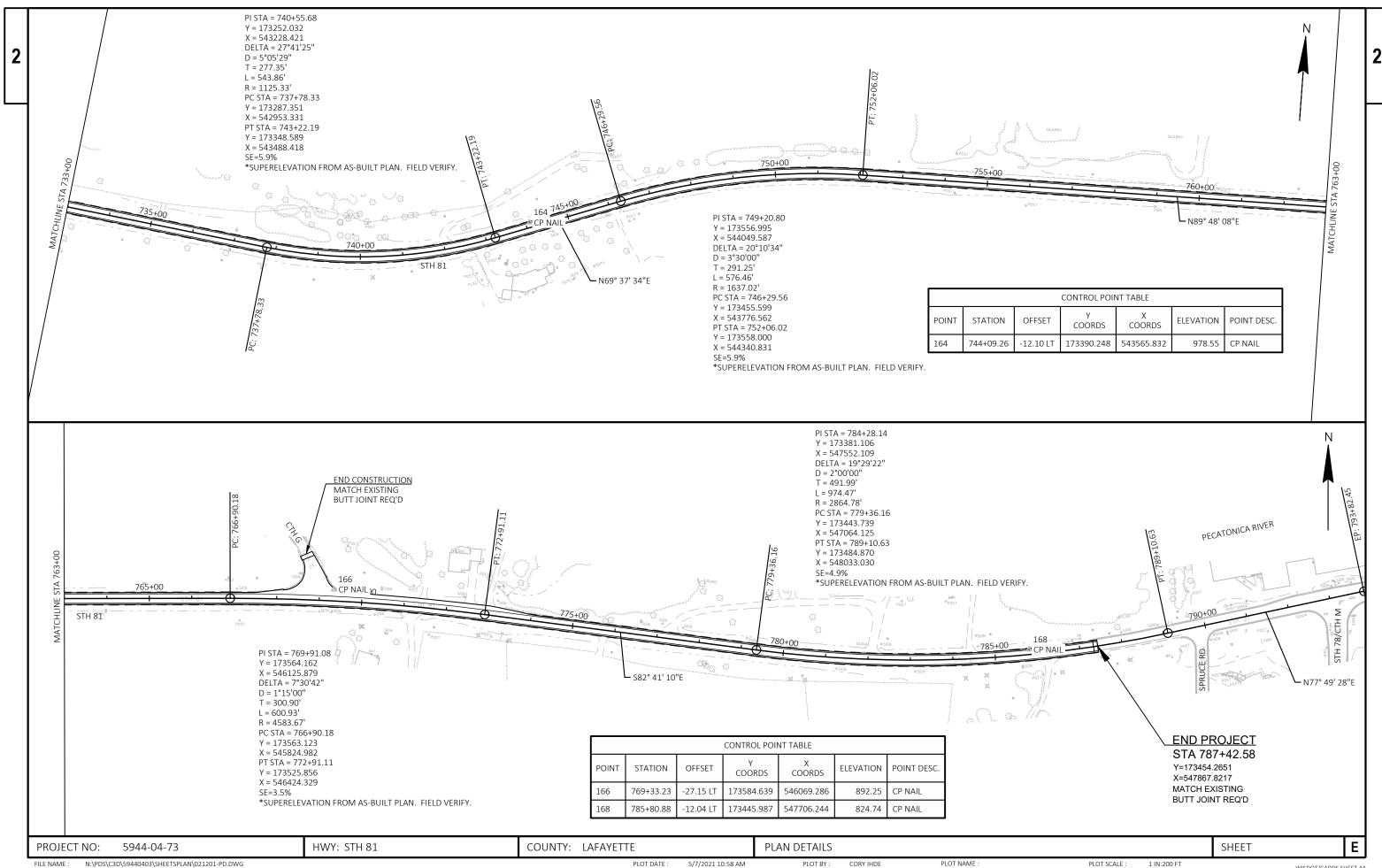
WISDOT/CADDS SHEET 44





N:\PDS\C3D\59440403\SHEETSPLAN\021201-PD.DWG PLOT NAME : FILE NAME : PLOT DATE : 5/7/2021 10:58 AM PLOT BY: CORY IHDE PLOT SCALE : 1 IN:200 FT LAYOUT NAME - 10





WISDOT/CADDS SHEET 44

FILE NAME: N:\PDS\C3D\S9440403\SHEETSPLAN\027001-DT.DWG LAYOUT NAME - 027001-dt PLOT DATE: 5/7/2021 8:50 AM PLOT BY: CORY IHDE PLOT NAME: 1 IN:1.5 MI WISDOT/CADDS SHEET 44

DETOUR OVERVIEW

COUNTY: LAFAYETTE

PROJECT NO:

5944-04-73

HWY: STH 81

Ε

SHEET

Lime Item Description Unit Total Qty 0004 204 0125 Removing Asphaltis Surface Milling SY 790 000 233,900.000 230,900.000 200 400.000 1,400.000 1,000						5944-04-73
0004 204.0120 Removing Asphaltic Surface Milling SY 233,000.000 233,000.000 233,000.000 233,000.000 233,000.000 210.000 211,0100 Prepare Foundation for Asphaltic Paving (project) 01.5944-04-73 LS 1,000 1,000 0010 211,0100 Prepare Foundation for Asphaltic Paving (project) 01.5944-04-73 LS 1,000 40,000 0012 213,0100 Fishing Readway (project) 01.5944-04-73 EACH 1,000 4,000 0014 305,0110 Base Aggregate Dense 3/4-Inch TON 4,480,000 4,480,000 0018 450,0105 HMA Percent Within Limits (PWL) Test Strip Density EACH 1,000 1,000 0024 480,0200 Incentive Density HMA Pavement DOL 19,040,000 19,040,000 0025 480,2007 Incentive Density HMA Pavement DOL 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 </th <th>Line</th> <th>Item</th> <th>Item Description</th> <th>Unit</th> <th>Total</th> <th>Qty</th>	Line	Item	Item Description	Unit	Total	Qty
0006 214.0150 Removing Curb & Gutter LF 1,345.000 1,345.000 1,345.000 1,345.000 1,000 0010 211.0400 Prepare Foundation for Asphaltic Paving (project) 01.5944-04-73 LS 1,000 40.000 0012 213.0100 Finishing Roadway (project) 01.5944-04-73 EACH 1,000 4.000 0014 305.0110 Base Aggregate Dense 3/4-Inch TON 4.480.000 34,155.000 0018 480.0105. SHMA Percent Within Limits (PWL) Test Strip Johnstiry EACH 1,000 1,000 0020 480.0110. SHMAP Percent Within Limits (PWL) Test Strip Density EACH 1,000 1,000 0020 480.0101. Incentive Density PML Perwernt DOL 18,250.000 18,520.000 0024 480.005 Incentive Density PML Perwernt Longiturial Joints DOL 28,250.000 18,520.000 0026 480.201 Incentive Density PML Perwernt Longiturial Joints DOL 52,850.000 52,850.000 0024 485.015 Asphaltic Flumes TON 23,140.000 23,140.00	0002	204.0115	Removing Asphaltic Surface Butt Joints	SY	790.000	790.000
0008 211.0100 Prepare Foundation for Asphaltic Shouldons LS 1.000 1.000 0110 211.0400 Prepare Foundation for Asphaltic Shouldons STA 4.06.00 4.08.00 012 213.0100 Finishing Roadway (project) 01.5944-04-73 EACH 1.000 1.000 016 455.0605 Tack Country FAC GAL 3.4155.000 3.4155.000 018 460.010.5 HMA Percent Within Limits (PWL) Test Strip Density EACH 1.000 1.000 0022 460.010.5 HMA Percent Within Limits (PWL) Test Strip Density EACH 1.000 1.000 0024 460.0000 Incentive Density HMA Pavement DOL 18,500.000 18,500.000 28,500.000 18,500.000 28,500.000	0004	204.0120	Removing Asphaltic Surface Milling	SY	233,900.000	233,900.000
01010 211,0400 Prepare Foundation for Asphaltic Shoulders STA 40,600 40,000 121 3100 Finishing Roadway (project) 01, 5944-04-73 EACH 1,000 4,880,000 0016 455,0605 Tack Coat GAL 34,155,000 34,155,000 0018 460,0105 SHMA Percent Within Limits (PWL) Test Strip Volumetrics EACH 1,000 1,000 0020 460,0110 SHMA Percent Within Limits (PWL) Test Strip Density EACH 1,000 10,000 0024 460,0200 Incentive Density PWL Pacement DOL 18,520,000 18,520,000 0026 460,0210 Incentive Density PWL Pacement DOL 28,530,000 28,530,000 0026 460,0210 Incentive Density PWL Pacement DOL 28,500,000 28,530,000 0030 460,5221 HMA Pacement 3 LT 58-28 S TON 29,750,000 0034 465,015 Asphaltic Surface TON 27,500 27,500 0034 465,0475 Asphaltic Flumes SY 136,000 64,000	0006	204.0150	Removing Curb & Gutter	LF	1,345.000	1,345.000
0112 213,0100 Finishing Roadway (project) 01. 5944-04-73 EACH 1,000 1,000 0114 305,0110 Base Aggregate Dense 3/4-Inch TON 4,480,000 34,155,000 01016 455,0005 Tack Coat GAL 34,155,000 1,000 0102 460,0105 S HMA Percent Within Limits (PWL) Test Strip Density EACH 1,000 10,000 0102 460,2000 Incentive Density HMA Pavement DOL 19,000,000 18,520,000 01024 460,2001 Incentive Density HMA Pavement DOL 28,500,000 28,530,000 28,500,000 0103 460,2001 Incentive Density HMA Pavement Longitudinal Joints DOL 28,500,000 28,500,000 29,750,000 29,750,000 29,750,000 29,750,000 29,750,000 29,750,000 203 460,5224 HMA Pavement 4 LT 58-28 S TON 29,750,000 29,750,000 203 460,5224 HMA Pavement 4 LT 58-28 S TON 29,750,000 29,750,000 203 460,5224 HMA Pavement 4 LT 58-28 S TON 29,750,000 20,800	8000	211.0100	Prepare Foundation for Asphaltic Paving (project) 01. 5944-04-73	LS	1.000	1.000
0014 305.0110 Base Aggregate Dense 3/4-Inch TON 4,480.000 34,155.000 34,000	0010	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	40.600	40.600
0016 455,0605 Tack Coat 34,185,000 34,185,000 018 460,0105.S. HMA Percent Within Limits (PWL) Test Strip Density EACH 1,000 1,000 0020 460,0105.S. HMA Percent Within Limits (PWL) Test Strip Density EACH 1,000 1,000 0022 460,02000 Incentive Density HMA Pavement DOL 18,520,000	0012	213.0100	Finishing Roadway (project) 01. 5944-04-73	EACH	1.000	1.000
00108 460 0105.S. HMA Percent Within Limits (PWL) Test Strip Volumetrics EACH 1.000 1.000 0022 460 0105.S. HMA Percent Within Limits (PWL) Test Strip Density EACH 1.000 19,040,000 19,040,000 10,040,000 0024 460 2005 Incentive Density HMA Pavement DOL 18,520,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 28,530,000 29,750,000 20,800 20,800 <td>0014</td> <td>305.0110</td> <td>Base Aggregate Dense 3/4-Inch</td> <td>TON</td> <td>4,480.000</td> <td>4,480.000</td>	0014	305.0110	Base Aggregate Dense 3/4-Inch	TON	4,480.000	4,480.000
0020 460,0110.S HMA Percent Within Limits (PWL) Test Strip Density EACH 1,000 1,000 0024 460,2000 Incentive Density HMA Pavement DOL 19,040,000 19,040,000 0026 460,2005 Incentive Density HMA Pavement Longitudinal Joints DOL 28,530,000 28,530,000 0026 460,2007 Incentive Air Voids HMA Pavement Longitudinal Joints DOL 52,830,000 28,530,000 0030 460,5223 HMA Pavement 3 LT 58-28 S TON 29,750,000 29,750,000 0032 465,015 Asphaltic Surface TON 23,140,000 29,750,000 0034 465,015 Asphaltic Flumes SY 136,000 136,000 0034 465,015 Asphaltic Certeline Rumble Strips 2-Lane Rural LF 6,290,000 136,000 0040 601,0523 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D LF 1,345,000 1,345,000 0041 610,000 Minitenance And Repair of Haul Roads (project) 01.5944-04-73 EACH 1,000 1,000 0046 619,100	0016	455.0605	Tack Coat	GAL	34,155.000	34,155.000
0022 460.2005 Incentive Density PML HMA Pavement DOL 19,040.000 18,520.00 </td <td>0018</td> <td>460.0105.S</td> <td>HMA Percent Within Limits (PWL) Test Strip Volumetrics</td> <td>EACH</td> <td>1.000</td> <td>1.000</td>	0018	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	1.000	1.000
0026 460,2005 Incentive Density PML HMA Pavement I DOL 18,520,000 18,520,000 28,530,000 0026 460,2017 Incentive Density HMA Pavement Longitudinal Joints DOL 28,530,000 28,530,000 0020 28,530,000 18,520,000 28,530,000 0020 28,530,000 28,530,000 28,530,000 0020 28,530,000 28,530,000 28,530,000 28,530,000 28,550,000 28,750,000 29,750,000 29,750,000 29,750,000 29,750,000 29,750,000 29,750,000 29,750,000 29,750,000 29,750,000 29,750,000 20,750,000 23,140,000 24,150,000 24,150,000 24,150,000 24,150,000 24,150,000 24,150,000 24,150,000 24,150,000	0020	460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH	1.000	1.000
0026 460,2007 Incentive Density HMA Pavement Longitudinal Joints DOL 28,530,000 28,530,000 28,530,000 0000 28,530,000 52,890,000 29,750,000 29,000 29,000 29,000 29,000 29,000 29,000 29,000 29,000 29,000 20,000 20,000 20,000 20,000 </td <td>0022</td> <td>460.2000</td> <td>Incentive Density HMA Pavement</td> <td>DOL</td> <td>19,040.000</td> <td>19,040.000</td>	0022	460.2000	Incentive Density HMA Pavement	DOL	19,040.000	19,040.000
0028 460.2010 Incentive Air Voids HMA Pavement DOL 52,890.000 52,890.00 000 0030 460.5223 HMA Pavement 3 LT 58-28 S TON 29,750.000 29,750.000 29,750.000 29,750.000 23,140.000 23,140.000 23,140.000 23,140.000 203,400.000 23,140.000 275.000 25,000 25,000 25,000 275.000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 26,000 275.000 25,000 275.000 25,000 275.000 26,000 275.000 26,000 275.000 275.000 26,000 275.000 </td <td>0024</td> <td>460.2005</td> <td>Incentive Density PWL HMA Pavement</td> <td>DOL</td> <td>18,520.000</td> <td>18,520.000</td>	0024	460.2005	Incentive Density PWL HMA Pavement	DOL	18,520.000	18,520.000
0303 480.5223 HMA Pavement 3 LT 58-28 S TON 29,750.000 29,750.000 032 460.5224 HMA Pavement 4 LT 58-28 S TON 275.000 275.000 034 465.0105 Asphaltic Surface TON 275.000 275.000 036 465.0315 Asphaltic Flumes SY 136.000 136.000 0040 610.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D LF 1,345.000 64.299.000 0042 606.0100 Riprap Light CY 68.000 68.000 0044 618.0100 Maintenance And Repair of Haul Roads (project) 01.5944-04-73 EACH 1.000 1.000 0048 624.0100 Water MGAL 45.000 45.000 0050 625.0100 Topsoil SY 315.000 315.000 0052 627.0200 Mulching SY 315.000 315.000 0054 628.1905 Mobilizations Erosion Control EACH 1.000 1.000 0056 628.2004 Erosion M	0026	460.2007	Incentive Density HMA Pavement Longitudinal Joints	DOL	28,530.000	28,530.000
0032 460, 5224 MMA Pavement 4 LT 58-28 S TON 23,140,000 23,140,000 0034 465,0105 Asphalite Flumes SY 136,000 136,000 0036 465,0315 Asphalite Flumes SY 136,000 136,000 0038 465,0475 Asphalite Centrol Be Guitter - Inch Sloped 36-Inch Type D LF 64,299,000 64,299,000 0042 606,0100 Riprap Light CY 68,000 86,000 0044 618,0100 Maintenance And Repair of Haul Roads (project) 01,5944-04-73 EACH 1,000 1,000 0046 619,1000 Molilization SY 315,000 45,000 0050 625,0100 Topsoil SY 10,000 10,000 0052 627,0200 Mulching SY 315,000 315,000 0054 628,1905 Mobilizations Erosion Control EACH 1,000 1,000 0054 628,2004 Frosion Mat Class I Type B SY 315,000 315,000 0066 638,2005 <	0028	460.2010	Incentive Air Voids HMA Pavement	DOL	52,890.000	52,890.000
034 455.015 Asphaltic Surface TON 275.000 275.000 038 455.0315 Asphaltic Flumes SY 136.00 136.000 038 465.0475 Asphalt Centerline Rumble Strips 2-Lane Rural LF 64.299.000 64.299.000 040 601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D LF 1,345.000 1,345.000 042 606.0100 Riprap Light CY 68.000 1.000 044 618.0100 Maintenance And Repair of Haul Roads (project) 01.5944-04-73 EACH 1.000 1.000 046 619.1000 Mobilization 45.000 45.000 45.000 048 624.0100 Water MGAL 45.000 45.000 050 625.0100 Topsoil SY 100.000 100.000 065 627.0200 Mulching SY 100.000 100.000 628.2004 Erosion Mat Class I Type B SY 100.000 100.000 065 628.2004 Fertilizer Type B SY<	0030	460.5223	HMA Pavement 3 LT 58-28 S	TON	29,750.000	29,750.000
0036 485.0315 Asphaltic Flumes SY 136.000 136.000 0038 485.0475 Asphalt Centerline Rumble Strips 2-Lane Rural LF 64.299.000 64.299.000 0040 601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D LF 1,345.000 1.345.000 0042 606.0100 Riprap Light CY 68.000 68.000 0044 618.0100 Maintenance And Repair of Haul Roads (project) 01.5944-04-73 EACH 1.000 1.000 0046 619.1000 Mindblization EACH 1.000 45.000 0048 624.0100 Water MGAL 45.000 45.000 0050 625.0100 Topsoil SY 315.000 315.000 0052 627.0200 Muclhing SY 315.000 315.000 0056 628.2004 Erosion Mat Class I Type B SY 315.000 315.000 0058 629.2010 Fertilizer Type B CWT 0.20 200 0068 630.0130 Seed Water<	0032	460.5224	HMA Pavement 4 LT 58-28 S	TON	23,140.000	23,140.000
0038 465.0475 Asphalt Centerline Rumble Strips 2-Lane Rural LF 64,299.000 64,299.000 0040 601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D LF 1,345.000 1,345.000 0042 606.0100 Rijrap Light CY 88.000 68.000 0044 618.0100 Maintenance And Repair of Haul Roads (project) 01.5944-04-73 EACH 1.000 1.000 0046 619.1000 Mobilization EACH 1.000 1.000 0048 624.0100 Water MGAL 45.000 45.000 0050 625.0100 Topsoil SY 315.000 315.000 0052 627.0200 Mulching SY 100.00 100.00 054 628.2010 Erosion Mat Class I Type B SY 100.00 315.000 055 628.2020 Fertilizer Type B CWT 0.200 0.200 060 630.013 Seeding Mixture No.30 LB 20.000 2.000 062 630.050 Seeding Mixture N	0034	465.0105	Asphaltic Surface	TON	275.000	275.000
0040 601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D LF 1,345.000 1,345.000 0042 606.0100 Riprap Light CY 68.000 68.000 0044 618.0100 Maintenance And Repair of Haul Roads (project) 01.5944-04-73 EACH 1.000 1.000 0046 619.1000 Mobilization FACH 1.000 1.000 0048 624.0100 Water MGAL 45.000 45.000 0050 625.0100 Topsoil SY 315.000 315.000 0052 627.0200 Mulching SY 100.000 100.000 0056 628.2004 Erosion Mat Class 1 Type B SY 315.000 315.000 0056 628.2004 Fertilizer Type B CWT 0.200 0.200 0060 630.0130 Seeding Mixture No. 30 LB 20.000 20.000 062 630.0130 Seed Water MGAL 7.500 7.500 064 634.0614 Posts Wood 4x6-Inch X 14-FT EACH </td <td>0036</td> <td>465.0315</td> <td>Asphaltic Flumes</td> <td>SY</td> <td>136.000</td> <td>136.000</td>	0036	465.0315	Asphaltic Flumes	SY	136.000	136.000
0040 601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D LF 1,345.000 1,345.000 0042 606.0100 Riprap Light CY 68.000 68.000 0044 618.0100 Maintenance And Repair of Haul Roads (project) 01.5944-04-73 EACH 1.000 1.000 0046 619.1000 Mobilization EACH 1.000 1.000 0050 625.0100 Typsoil SY 315.000 315.000 0052 627.0200 Mulching SY 100.000 100.000 0054 628.1905 Mobilizations Erosion Control EACH 1.000 100.000 0056 628.2044 Erosion Mat Class I Type B SY 315.000 315.000 0056 628.2041 Fertilizer Type B CWT 0.200 0.200 0062 630.0130 Seeding Mixture No. 30 LB 20.000 20.000 062 630.0500 Seed Water MGAL 7.500 8.000 066 638.2102 Moving Signs Type II	0038	465.0475	Asphalt Centerline Rumble Strips 2-Lane Rural	LF	64,299.000	64,299.000
0042 606.0100 Riprap Light CY 68.000 68.000 0044 618.0100 Maintenance And Repair of Haul Roads (project) 01.5944-04-73 EACH 1.000 1.000 0046 619.1000 Mobilization EACH 1.000 1.000 0048 624.0100 Water MGAL 45.000 45.000 0050 625.0100 Topsoil SY 315.000 315.000 0052 627.0200 Mulching EACH 1.000 1.000 0054 628.1905 Mobilizations Erosion Control EACH 1.000 1.000 0054 628.2004 Erosion Mat Class I Type B CWT 0.200 315.000 0058 629.0210 Fertilizer Type B CWT 0.200 0.200 0060 630.0130 Seeding Mixture No. 30 LB 2.000 2.000 0062 630.0500 Seed Water MGAL 7.500 7.500 0064 634.0614 Posts Wood 4x6-Inch X 14-FT EACH 8.000	0040	601.0553		LF	1,345.000	
0044 618.0100 Maintenance And Repair of Haul Roads (project) 01. 5944-04-73 EACH 1.000 1.000 0046 619.1000 Mobilization EACH 1.000 45.000 0048 624.0100 Water MGAL 45.000 45.000 0050 625.0100 Topsoil SY 315.000 315.000 0052 627.0200 Mulching SY 100.000 100.000 0056 628.2004 Erosion Mat Class I Type B SY 315.000 315.000 0056 628.2010 Fertilizer Type B CWT 0.20 0.20 0056 628.2021 Fertilizer Type B CWT 0.20 0.20 0060 630.0130 Seed Water MGAL 7.500 0.20 0061 634.0614 Posts Wood 4x6-Inch X 14-FT EACH 8.000 8.000 0066 638.2102 Moving Signs Type II EACH 8.000 8.000 0070 642.5011 Field Office Type B EACH 1.00 <td< td=""><td>0042</td><td>606.0100</td><td>•</td><td>CY</td><td>68.000</td><td>68.000</td></td<>	0042	606.0100	•	CY	68.000	68.000
0046 619.1000 Mobilization EACH 1.000 1.000 0048 624.0100 Water MGAL 45.000 45.000 0050 625.0100 Topsoil SY 315.000 315.000 0052 627.0200 Mulching SY 100.000 100.000 0054 628.1905 Mobilizations Erosion Control EACH 1.000 1.000 0056 628.2004 Erosion Mat Class I Type B CWT 0.200 0.200 0058 629.0210 Fertilizer Type B CWT 0.200 0.200 0060 630.0130 Seeding Mixture No. 30 LB 20.000 20.000 0062 630.0500 Seed Water MGAL 7.500 7.500 0064 634.0614 Posts Wood 4x6-Inch X 14-FT EACH 8.000 8.000 0066 638.2102 Moving Signs Type II EACH 8.000 8.000 0072 643.0501 Field Office Type B EACH 1.000 1.000	0044	618.0100	· · · ·	EACH	1.000	1.000
0050 625.0100 Topsoil SY 315.000 315.000 0052 627.0200 Mulching SY 100.000 100.000 0054 628.1905 Mobilizations Erosion Control EACH 1.000 1.000 0056 628.2004 Erosion Mat Class I Type B SY 315.000 315.000 0058 629.0210 Fertilizer Type B CWT 0.200 0.200 0060 630.0130 Seed Water MGAL 7.500 7.500 0064 634.0614 Posts Wood 4x6-Inch X 14-FT EACH 8.000 8.000 0066 638.2102 Moving Signs Type II EACH 8.000 8.000 0066 638.2102 Moving Signs Supports EACH 8.000 8.000 0070 642.5001 Field Office Type B EACH 1.000 1.000 0072 643.0300 Traffic Control Drums DAY 4.200.000 4.200.000 0074 643.0420 Traffic Control Signs Type II DAY 4.600.0	0046	619.1000		EACH	1.000	1.000
0050 625.0100 Topsoil SY 315.000 315.000 0052 627.0200 Mulching SY 100.000 100.000 0054 628.1905 Mobilizations Erosion Control EACH 1.000 1.000 0056 628.2004 Erosion Mat Class I Type B SY 315.000 315.000 0058 629.0210 Fertilizer Type B CWT 0.200 0.200 0060 630.0130 Seed Water MGAL 7.500 7.500 0064 634.0614 Posts Wood 4x6-Inch X 14-FT EACH 8.000 8.000 0066 638.2102 Moving Signs Type II EACH 8.000 8.000 0066 638.2102 Moving Signs Supports EACH 8.000 8.000 0070 642.5001 Field Office Type B EACH 1.000 1.000 0072 643.0300 Traffic Control Drums DAY 4.200.000 4.200.000 0074 643.0420 Traffic Control Signs Type II DAY 4.600.0	0048	624.0100	Water	MGAL	45.000	45.000
0052 627.0200 Mulching SY 100.000 100.000 0054 628.1905 Mobilizations Erosion Control EACH 1.000 1.000 0056 628.2004 Erosion Mat Class I Type B SY 315.000 315.000 0058 629.0210 Fertilizer Type B CWT 0.200 0.200 0060 630.0130 Seeding Mixture No.30 LB 20.000 20.000 0062 630.0500 Seed Water MGAL 7.500 7.500 0064 634.0614 Posts Wood 4x6-Inch X 14-FT EACH 8.000 8.000 0068 638.2102 Moving Signs Type II EACH 8.000 8.000 0068 638.3000 Removing Small Sign Supports EACH 8.000 8.000 0070 642.5001 Field Office Type B EACH 1.000 1.000 0072 643.0420 Traffic Control Barricades Type III DAY 4,200.000 420.000 0074 643.0420 Traffic Control Signs Fype II <		625.0100				
0056 628.2004 Erosion Mat Class I Type B SY 315.000 315.000 0058 629.0210 Fertilizer Type B CWT 0.200 0.200 0060 630.0130 Seeding Mixture No. 30 LB 20.000 20.000 0062 630.0500 Seed Water MGAL 7.500 7.500 0064 634.0614 Posts Wood 4x6-Inch X 14-FT EACH 8.000 8.000 0066 638.2102 Moving Signs Type II EACH 8.000 8.000 0068 638.3000 Removing Small Sign Supports EACH 8.000 8.000 0070 642.5011 Field Office Type B EACH 1.000 1.000 0072 643.0300 Traffic Control Drums DAY 200.000 200.000 0074 643.0420 Traffic Control Barricades Type III DAY 4,200.000 4,200.000 0078 643.0900 Traffic Control Signs DAY 8,400.000 6,800.000 0081 643.0900 Traffic Control Signs PCMS </td <td>0052</td> <td>627.0200</td> <td></td> <td>SY</td> <td>100.000</td> <td>100.000</td>	0052	627.0200		SY	100.000	100.000
0056 628.2004 Erosion Mat Class I Type B SY 315.000 315.000 0058 629.0210 Fertilizer Type B CWT 0.200 0.200 0060 630.0130 Seeding Mixture No. 30 LB 20.000 20.000 0062 630.0500 Seed Water MGAL 7.500 7.500 0064 634.0614 Posts Wood 4x6-Inch X 14-FT EACH 8.000 8.000 0066 638.2102 Moving Signs Type II EACH 8.000 8.000 0068 638.3000 Removing Small Sign Supports EACH 8.000 8.000 0070 642.5011 Field Office Type B EACH 1.000 1.000 0072 643.0300 Traffic Control Drums DAY 200.000 200.000 0074 643.0420 Traffic Control Barricades Type III DAY 4,200.000 4,200.000 0078 643.0900 Traffic Control Signs DAY 8,400.000 6,800.000 0081 643.0900 Traffic Control Signs PCMS </td <td>0054</td> <td>628.1905</td> <td>Mobilizations Erosion Control</td> <td>EACH</td> <td>1.000</td> <td>1.000</td>	0054	628.1905	Mobilizations Erosion Control	EACH	1.000	1.000
0060 630.0130 Seeding Mixture No. 30 LB 20.000 20.000 0062 630.0500 Seed Water MGAL 7.500 7.500 0064 634.0614 Posts Wood 4x6-Inch X 14-FT EACH 8.000 8.000 0066 638.2102 Moving Signs Type II EACH 8.000 8.000 0070 642.5001 Field Office Type B EACH 1.000 1.000 0072 643.0300 Traffic Control Drums DAY 20.000 200.000 0074 643.0420 Traffic Control Barricades Type III DAY 4,200.000 4,200.000 0076 643.0705 Traffic Control Warning Lights Type A DAY 8,400.000 8,400.000 0078 643.0900 Traffic Control Signs DAY 8,400.000 6,800.000 0080 643.0920 Traffic Control Signs PCMS DAY 14.000 14.000 0081 643.0500 Traffic Control Signs PCMS DAY 14.000 14.000 0084 645.0130 Geo	0056	628.2004	Erosion Mat Class I Type B	SY	315.000	315.000
0062 630.0500 Seed Water MGAL 7.500 7.500 0064 634.0614 Posts Wood 4x6-Inch X 14-FT EACH 8.000 8.000 0066 638.2102 Moving Signs Type II EACH 8.000 8.000 0068 638.3000 Removing Small Sign Supports EACH 8.000 8.000 0070 642.5001 Field Office Type B EACH 1.000 1.000 0072 643.0300 Traffic Control Drums DAY 200.000 200.000 0074 643.0420 Traffic Control Barricades Type III DAY 4,200.000 4,200.000 0076 643.0705 Traffic Control Warning Lights Type A DAY 8,400.000 6,800.000 0078 643.0900 Traffic Control Signs DAY 8,400.000 6,800.000 0080 643.0920 Traffic Control Covering Signs Type II EACH 2.000 2.000 0081 643.0500 Traffic Control Signs PCMS DAY 14.000 1.000 0082 643.1050 <td>0058</td> <td>629.0210</td> <td>Fertilizer Type B</td> <td>CWT</td> <td>0.200</td> <td>0.200</td>	0058	629.0210	Fertilizer Type B	CWT	0.200	0.200
0062 630.0500 Seed Water MGAL 7.500 7.500 0064 634.0614 Posts Wood 4x6-Inch X 14-FT EACH 8.000 8.000 0066 638.2102 Moving Signs Type II EACH 8.000 8.000 0068 638.300 Removing Small Sign Supports EACH 8.000 8.000 0070 642.5001 Field Office Type B EACH 1.000 1.000 0072 643.0300 Traffic Control Drums DAY 200.000 200.000 0074 643.0420 Traffic Control Barricades Type III DAY 4,200.000 4,200.000 0076 643.0705 Traffic Control Warning Lights Type A DAY 8,400.000 6,800.000 0078 643.0900 Traffic Control Signs DAY 8,400.000 6,800.000 0080 643.0920 Traffic Control Covering Signs Type II EACH 2.000 2.000 0081 643.1050 Traffic Control Signs PCMS DAY 14.000 1.000 0082 643.1050	0060	630.0130	Seeding Mixture No. 30	LB	20.000	20.000
0066 638.2102 Moving Signs Type II EACH 8.000 8.000 0068 638.3000 Removing Small Sign Supports EACH 8.000 8.000 0070 642.5001 Field Office Type B EACH 1.000 1.000 0072 643.0300 Traffic Control Drums DAY 200.000 200.000 0074 643.0420 Traffic Control Barricades Type III DAY 4,200.000 4,200.000 0076 643.0705 Traffic Control Warning Lights Type A DAY 8,400.000 8,400.000 0078 643.0900 Traffic Control Signs DAY 6,800.000 6,800.000 0080 643.0920 Traffic Control Covering Signs Type II EACH 2.000 2.000 0081 643.000 Traffic Control Signs PCMS DAY 14.000 14.000 0082 643.1050 Traffic Control Signs PCMS DAY 14.000 14.000 0084 643.5000 Traffic Control EACH 1.000 1.000 0086 645.013	0062	630.0500	-	MGAL	7.500	7.500
0068 638.3000 Removing Small Sign Supports EACH 8.000 8.000 0070 642.5001 Field Office Type B EACH 1.000 1.000 0072 643.0300 Traffic Control Drums DAY 200.000 200.000 0074 643.0420 Traffic Control Barricades Type III DAY 4,200.000 4,200.000 0076 643.0705 Traffic Control Warning Lights Type A DAY 8,400.000 8,400.000 0078 643.0900 Traffic Control Signs DAY 6,800.000 6,800.000 0080 643.0920 Traffic Control Covering Signs Type II EACH 2.000 2.000 0081 643.1050 Traffic Control Signs PCMS DAY 14.000 14.000 0084 643.5000 Traffic Control EACH 1.000 1.000 0086 645.0130 Geotextile Type R SY 1,224.000 1.224.000 0088 646.1020 Marking Line Epoxy 4-Inch LF 142,636.000 142,636.000 0092	0064	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	8.000	8.000
0070 642.5001 Field Office Type B EACH 1.000 1.000 0072 643.0300 Traffic Control Drums DAY 200.000 200.000 0074 643.0420 Traffic Control Barricades Type III DAY 4,200.000 4,200.000 0076 643.0705 Traffic Control Warning Lights Type A DAY 8,400.000 8,400.000 0078 643.0900 Traffic Control Signs DAY 6,800.000 6,800.000 0080 643.0920 Traffic Control Covering Signs Type II EACH 2.000 2.000 0081 643.1050 Traffic Control Signs PCMS DAY 14.000 14.000 0084 643.5000 Traffic Control EACH 1.000 1.000 0086 645.0130 Geotextile Type R SY 1,224.000 134,600.000 0088 646.1020 Marking Line Epoxy 4-Inch LF 142,636.000 142,636.000 0090 648.0100 Locating No-Passing Zones MI 13.510 134,600.000 0094	0066	638.2102	Moving Signs Type II	EACH	8.000	8.000
0070 642.5001 Field Office Type B EACH 1.000 1.000 0072 643.0300 Traffic Control Drums DAY 200.000 200.000 0074 643.0420 Traffic Control Barricades Type III DAY 4,200.000 4,200.000 0076 643.0705 Traffic Control Warning Lights Type A DAY 8,400.000 8,400.000 0078 643.0900 Traffic Control Signs DAY 6,800.000 6,800.000 0080 643.0920 Traffic Control Covering Signs Type II EACH 2.000 2.000 0082 643.1050 Traffic Control Signs PCMS DAY 14.000 14.000 0084 643.5000 Traffic Control EACH 1.000 1.000 0086 645.0130 Geotextile Type R SY 1,224.000 12,24.000 0088 646.1020 Marking Line Epoxy 4-Inch LF 134,600.000 142,636.000 0092 648.0100 Locating No-Passing Zones MI 13.510 134,600.000 0094	0068	638.3000		EACH	8.000	8.000
0074 643.0420 Traffic Control Barricades Type III DAY 4,200.000 4,200.000 0076 643.0705 Traffic Control Warning Lights Type A DAY 8,400.000 8,400.000 0078 643.0900 Traffic Control Signs DAY 6,800.000 6,800.000 0080 643.0920 Traffic Control Covering Signs Type II EACH 2.000 2.000 0082 643.1050 Traffic Control Signs PCMS DAY 14.000 14.000 0084 643.5000 Traffic Control EACH 1.000 1.000 0086 645.0130 Geotextile Type R SY 1,224.000 1,224.000 0088 646.1020 Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0090 646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch LF 142,636.000 135.10 0092 648.0100 Locating No-Passing Zones MI 13.510 13.510 0094 649.0120 Temporary Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000	0070	642.5001		EACH	1.000	1.000
0076 643.0705 Traffic Control Warning Lights Type A DAY 8,400.000 8,400.000 0078 643.0900 Traffic Control Signs DAY 6,800.000 6,800.000 0080 643.0920 Traffic Control Covering Signs Type II EACH 2.000 2.000 0082 643.1050 Traffic Control Signs PCMS DAY 14.000 14.000 0084 643.5000 Traffic Control EACH 1.000 1.000 0086 645.0130 Geotextile Type R SY 1,224.000 1,224.000 0088 646.1020 Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0090 646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch LF 142,636.000 142,636.000 0092 648.0100 Locating No-Passing Zones MI 13.510 13.510 0094 649.0120 Temporary Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0096 650.8000 Construction Staking Resurfacing Reference LF 71,318.000 71,318	0072	643.0300	Traffic Control Drums	DAY	200.000	200.000
0076 643.0705 Traffic Control Warning Lights Type A DAY 8,400.000 8,400.000 0078 643.0900 Traffic Control Signs DAY 6,800.000 6,800.000 0080 643.0920 Traffic Control Covering Signs Type II EACH 2.000 2.000 0082 643.1050 Traffic Control Signs PCMS DAY 14.000 14.000 0084 643.5000 Traffic Control EACH 1.000 1.000 0086 645.0130 Geotextile Type R SY 1,224.000 1,224.000 0088 646.1020 Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0090 646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch LF 142,636.000 142,636.000 0092 648.0100 Locating No-Passing Zones MI 13.510 13.510 0094 649.0120 Temporary Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0096 650.8000 Construction Staking Resurfacing Reference LF 71,318.000 71,318	0074	643.0420	Traffic Control Barricades Type III	DAY	4,200.000	4,200.000
0078 643.0900 Traffic Control Signs DAY 6,800.000 6,800.000 0080 643.0920 Traffic Control Covering Signs Type II EACH 2.000 2.000 0082 643.1050 Traffic Control Signs PCMS DAY 14.000 14.000 0084 643.5000 Traffic Control EACH 1.000 1.000 0086 645.0130 Geotextile Type R SY 1,224.000 1,224.000 0088 646.1020 Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0090 646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch LF 142,636.000 142,636.000 0092 648.0100 Locating No-Passing Zones MI 13.510 13.510 0094 649.0120 Temporary Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0096 650.8000 Construction Staking Resurfacing Reference LF 71,318.000 71,318.000	0076	643.0705	Traffic Control Warning Lights Type A	DAY	8,400.000	
0080 643.0920 Traffic Control Covering Signs Type II EACH 2.000 2.000 0082 643.1050 Traffic Control Signs PCMS DAY 14.000 14.000 0084 643.5000 Traffic Control EACH 1.000 1.000 0086 645.0130 Geotextile Type R SY 1,224.000 1,224.000 0088 646.1020 Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0090 646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch LF 142,636.000 142,636.000 0092 648.0100 Locating No-Passing Zones MI 13.510 13.510 0094 649.0120 Temporary Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0096 650.8000 Construction Staking Resurfacing Reference LF 71,318.000 71,318.000	0078	643.0900		DAY		6,800.000
0082 643.1050 Traffic Control Signs PCMS DAY 14.000 14.000 0084 643.5000 Traffic Control EACH 1.000 1.000 0086 645.0130 Geotextile Type R SY 1,224.000 1,224.000 0088 646.1020 Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0090 646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch LF 142,636.000 142,636.000 0092 648.0100 Locating No-Passing Zones MI 13.510 13.510 0094 649.0120 Temporary Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0096 650.8000 Construction Staking Resurfacing Reference LF 71,318.000 71,318.000	0800	643.0920	-	EACH	2.000	
0084 643.5000 Traffic Control EACH 1.000 1.000 0086 645.0130 Geotextile Type R SY 1,224.000 1,224.000 0088 646.1020 Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0090 646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch LF 142,636.000 142,636.000 0092 648.0100 Locating No-Passing Zones MI 13.510 13.510 0094 649.0120 Temporary Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0096 650.8000 Construction Staking Resurfacing Reference LF 71,318.000 71,318.000	0082	643.1050			14.000	14.000
0088 646.1020 Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0090 646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch LF 142,636.000 142,636.000 0092 648.0100 Locating No-Passing Zones MI 13.510 13.510 0094 649.0120 Temporary Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0096 650.8000 Construction Staking Resurfacing Reference LF 71,318.000 71,318.000			-			
0088 646.1020 Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0090 646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch LF 142,636.000 142,636.000 0092 648.0100 Locating No-Passing Zones MI 13.510 13.510 0094 649.0120 Temporary Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0096 650.8000 Construction Staking Resurfacing Reference LF 71,318.000 71,318.000						
0090 646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch LF 142,636.000 142,636.000 0092 648.0100 Locating No-Passing Zones MI 13.510 13.510 0094 649.0120 Temporary Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0096 650.8000 Construction Staking Resurfacing Reference LF 71,318.000 71,318.000	8800					
0092 648.0100 Locating No-Passing Zones MI 13.510 13.510 0094 649.0120 Temporary Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0096 650.8000 Construction Staking Resurfacing Reference LF 71,318.000 71,318.000						
0094 649.0120 Temporary Marking Line Epoxy 4-Inch LF 134,600.000 134,600.000 0096 650.8000 Construction Staking Resurfacing Reference LF 71,318.000 71,318.000					*	
0096 650.8000 Construction Staking Resurfacing Reference LF 71,318.000 71,318.000						
· ·						
					·	

3

10/29/2021 12:22:36

Estimate Of Quantities	Page	2
------------------------	------	---

594	

Line	Item	Item Description	Unit	Total	Qty
0100	690.0150	Sawing Asphalt	LF	1,417.000	1,417.000
0102	740.0440	Incentive IRI Ride	DOL	27,020.000	27,020.000
0104	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	1,600.000	1,600.000
0106	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	1,440.000	1,440.000
0108	SPV.0060	Special 01. Verify Landmark Reference Monument	EACH	3.000	3.000
0110	SPV 0180	Special 01 Removing Distressed Pavement Milling	SY	2 400 000	2 400 000

		0010 0010 0010 0010 0010 0010 0010 001	178+07 180+47 180+47 194+55 521+00 546+48 553+78 554+06 555+96 555+96	- - - - - -	182+17 182+75 209+78 525+77 552+65 555+41 555+41 557+22 557+82	RT LT LT LT LT LT RT LT RT TOTAL 0010	1.7 2.3 15.3 4.8 6.2 1.7 1.4 1.3 1.9	ASPHALT IN FRONT OF GUARDRAIL	_			
		0010 0010 0010 0010 0010 0010 0010	180+47 180+47 194+55 521+00 546+48 553+78 554+06 555+96	- - - -	182+75 209+78 525+77 552+65 555+41 555+41 557+22	LT LT LT LT RT LT RT LT	1.7 2.3 15.3 4.8 6.2 1.7 1.4 1.3	ASPHALT IN FRONT OF GUARDRAIL	_			
		0010 0010 0010 0010 0010 0010 0010	180+47 180+47 194+55 521+00 546+48 553+78 554+06 555+96	- - - -	182+75 209+78 525+77 552+65 555+41 555+41 557+22	LT LT LT LT RT LT RT LT	1.7 2.3 15.3 4.8 6.2 1.7 1.4 1.3	ASPHALT IN FRONT OF GUARDRAIL				
		0010 0010 0010 0010 0010 0010 0010	180+47 180+47 194+55 521+00 546+48 553+78 554+06	- - - -	182+75 209+78 525+77 552+65 555+41 555+41	LT LT LT LT RT LT	1.7 2.3 15.3 4.8 6.2 1.7	ASPHALT IN FRONT OF GUARDRAIL				
		0010 0010 0010 0010 0010	180+47 180+47 194+55 521+00 546+48	- - -	182+75 209+78 525+77 552+65	LT LT LT LT	1.7 2.3 15.3 4.8 6.2	ASPHALT IN FRONT OF GUARDRAIL ASPHALT IN FRONT OF GUARDRAIL ASPHALT IN FRONT OF GUARDRAIL ASPHALT IN FRONT OF GUARDRAIL				
		0010 0010 0010 0010	180+47 180+47 194+55 521+00	- - -	182+75 209+78 525+77	LT LT LT	1.7 2.3 15.3 4.8	ASPHALT IN FRONT OF GUARDRAIL ASPHALT IN FRONT OF GUARDRAIL ASPHALT IN FRONT OF GUARDRAIL				
		0010 0010 0010	180+47 180+47 194+55	-	182+75 209+78	LT LT	1.7 2.3 15.3	ASPHALT IN FRONT OF GUARDRAIL ASPHALT IN FRONT OF GUARDRAIL				
		0010	180+47				1.7					
					400 47							
				-	179+87	LT	1.8	ASPHALT IN FRONT OF GUARDRAIL				
		0010	177+70	-	179+87	RT	2.2	ASPHALT IN FRONT OF GUARDRAIL				
		CATEGORY	STATION	ТО	STATION	LOCATION	STA	REMARKS	<u> </u>			
							211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS					
					211.0	400 - PREPARE FOUND						
0010 0010	74+25 - 787+43 74+25 - 787+43		190 600 790	224,100 9,800 233,900	_							
CATEGORY	STATION TO STATION	I LOCATION	SY	SY	_				TOTAL 0010	4,480	45	
			SURFACE BUTT JOINTS	SURFACE MILLING			0010	74+25 - 787+43	STH 81	4,480	45	
			REMOVING ASPHALTIC	REMOVING ASPHALTIC			CATEGORY	STATION TO STATION	LOCATION	DENSE 3/4-INCH TON	WATER MGAL	
			204.0115	204.0120						BASE AGGREGATE		
	20	4 - REMOVALS								305.0110	624.0100	
								<u> 305 - AGG</u>	<u>REGATES</u>			

460 -	нма
-------	-----

					455.0605	460.5223 HMA PAVEMENT	460.5224 HMA PAVEMENT	465.0315 ASPHALTIC	
					TACK COAT	3 LT 58-28 S	4 LT 58-28 S	FLUMES	
CATEGORY	STATION	TO	STATION	LOCATION	GAL	TON	TON	SY	REMARKS
0010	74+25	-	787+43	STH 81	31,605	28,440	22,120		
0010	74+25	-	787+43	SIDE ROADS	2,550	1,310	1,020		
0010	216+52	-	219+14	STH 81, RT				16	E. OF RIVER RD RT
0010	276+73	-	279+23	STH 81, LT				8	W. OF LANCASTER LT
0010	277+56	-	283+53	STH 81, RT				8	W. OF LANCASTER RT
0010	283+51	-	283+51	STH 81, RT				8	
0010	368+62	-	373+74	STH 81, RT				16	@CENTER LAMONT RT
0010	370+75	-	373+75	STH 81, LT				16	@CENTER LAMONT LT
0010	383+86	-	387+17	STH 81, LT				16	E OF CENTER LAMONT LT
0010	383+87	-	387+19	STH 81, RT				16	E OF CENTER LAMONT RT
0010	451+71	-	451+71	STH 81, LT				8	@CTH D LT
0010	495+95	-	499+38	STH 81, LT				8	W. BOX CULVERT LT
0010	516+75	-	519+70	STH 81, LT				8	W. OF GOODMAN LT
0010	560+38	-	570+87	STH 81, RT				8	@ BRIDGE RT
				TOTAL 0010	34,155	29,750	23,140	136	

<u> 460 - PWL</u>

					460.0105.S	460.0110.S
					HMA PERCENT	HMA PERCENT
					WITHIN LIMITS	WITHIN LIMITS
					(PWL) TEST STRIP	(PWL) TEST STRIP
					VOLUMETRICS	DENSITY
CATEGORY	STATION	TO	STATION	LOCATION	EACH	EACH
						_
0010	74+25	-	787+43	STH 81	1	1
				TOTAL 0010	1	1

465 - RUMBLE STRIPS

					465.0475
					ASPHALT
					CENTERLINE
					RUMBLE STRIPS
					2-LANE RURAL
CATEGORY	STATION	TO	STATION	LOCATION	LF
0010	74+25	-	787+43	STH 81	64,299
				TOTAL 0010	64,299

PROJECT NO: 5944-04-73 HWY: STH 81 COUNTY: LAFAYETTE MISCELLANEOUS QUANTITIES SHEET E

FILE NAME : PLOT DATE : _____ PLOT BY : _____

PLOT NAME : _____

ORG DATE : _____ ORIGINATOR : DIST _

PLOT SCALE: 1:1

3

PWL MIXTURE USE TABLE

							QUALITY MANAGEMENT PROGRAM TO BE USED FOR:	
LOCATION	STATION	MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS	MIXTURE ACCEPTANCE	DENSITY ACCEPTANCE
11 FT Driving Lane	74+25 to 787+42.58	Upper Layer	3 LT 58-28 S	4 LT 58-28 S	17,090	1 3/4"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density PWL HMA Pavement 460.2005
11 FT Driving Lane	74+25 to 787+42.58	Lower Layer	Milled Existing HMA Surface	3 LT 58-28 S	21,970	2 1/4"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density HMA Pavement 460.2000
3 FT Shoulder	74+25 to 787+42.58	Upper Layer	3 LT 58-28 S	4 LT 58-28 S	4,920	1 3/4"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the Department; not eligible for incentive
3 FT Shoulder	74+25 to 787+42.58	Lower Layer	Milled Existing HMA Surface	3 LT 58-28 S	6,320	2 1/4"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance testing by the Department; not eligible for incentive
Various		Roadway Patching	Milled Existing HMA Surface	Asphaltic Surface	275	Varies	QMP as per SS 465	Acceptance by ordinary compaction
Side Roads	Various	Upper Layer	3 LT 58-28 S	4 LT 58-28 S	1,010	1 3/4"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density PWL HMA Pavement 460.2005
Side Roads	Various	Lower Layer	Milled Existing HMA Surface	3 LT 58-28 S	1,300	2 1/4"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density PWL HMA Pavement 460.2005

601 - CONCRETE C&G

204.0150 601.0553 690.0150 CONCRETE CURB & GUTTER 4-REMOVING INCH SLOPED 36-SAWING CURB & GUTTER INCH TYPE D **ASPHALT** CATEGORY LOCATION STH 81 (UNDISTRIBUTED) 1,345 1,345 1,417 TOTAL 0010

<u>606 - RIPRAP LIGHT</u>

					606.0100	645.0130	
						GEOTEXTILE TYPE	
					RIPRAP LIGHT	R	
CATEGORY	STATION	TO	STATION	LOCATION	CY	SY	REMARKS
0010	216+52	-	219+14	STH 81, RT	8	144	E. OF RIVER RD RT
0010	276+73	-	279+23	STH 81, LT	4	72	W. OF LANCASTER LT
0010	277+56	-	283+53	STH 81, RT	4	72	W. OF LANCASTER RT
0010	283+51	-	283+51	STH 81, RT	4	72	
0010	368+62	-	373+74	STH 81, RT	8	144	LAMONT RT
0010	370+75	-	373+75	STH 81, LT	8	144	LAMONTLT
0010	383+86	-	387+17	STH 81, LT	8	144	LAMONTLT
0010	383+87	-	387+19	STH 81, RT	8	144	LAMONT RT
0010	451+71	-	451+71	STH 81, LT	4	72	CTH D LT
0010	495+95	-	499+38	STH 81, LT	4	72	W. BOX CULVERT LT
0010	516+75	-	519+70	STH 81, LT	4	72	W. OF GOODMAN LT
0010	560+38	-	570+87	STH 81, RT	4	72	AT BRIDGE RT
				TOTAL 0010	68	1,224	

PLOT SCALE: 1:1

PROJECT NO: 5944-04-73 HWY: STH 81 COUNTY: LAFAYETTE MISCELLANEOUS QUANTITIES SHEET E

FILE NAME : PLOT DATE : _____ PLOT BY : ____ PLOT NAME : ____ ORG DATE : ____ ORIGINATOR : DIST _

			628 - EC MOB	ILIZATION								638 - PERMAN	NENT SIGNING		
				628.1905 MOBILIZATION EROSION CONTROL	5						F	634.0614 POSTS WOOD K6-INCH X 14- FT	638.2102 MOVING SIGNS TYPE II	638.3000 REMOVING SMALL SIGN SUPPORTS	
CATEGOR	Y STATION	TO STATION	N LOCATION	EACH		REMARKS			ATEGORY	LOCATION	1	EACH	EACH	EACH	REMARKS
0010	74+25	- 787+43		1	1 - INSTALL	EMAT/MULCH, SEED, F	ERTILIZER		0010	STH 81 (UNDISTR	•	8	8	8	NO PASSING ZONE SIGNS
			TOTAL 0010	1						TOTAL 001	0	8	8	8	
						62	8 - RESTORATION								
							625.0100	627.0200	628.2004 EROSION MAT	629.0210 FERTILIZER TYPE	630.0130 SEEDING	630.0500			
			CATEGORY	STATION TO	STATION	LOCATION	TOPSOIL SY	MULCHING SY	CLASS I TYPE B SY	B CWT	MIXTURE NO. 30 LB	SEED WATER MGAL	R		
			0010	216+52 -	219+14	STH 81, RT	30	_	30	0.02	1	0.7			
			0010 0010	276+73 - 277+56 -	279+23 283+53	STH 81, LT STH 81, RT	30 15	_	30 15	0.02 0.01	1 1	0.7 0.4			
			0010	283+51 -	283+51	STH 81, RT	15	_	15	0.01	1	0.4			
			0010	368+62 -	373+74	STH 81, RT	30	_	30	0.02	1	0.7			
			0010 0010	370+75 - 383+86 -	373+75 387+17	STH 81, LT STH 81, LT	30 30	_ _	30 30	0.02 0.02	1 1	0.7 0.7			
			0010	383+87 -	387+19	STH 81, RT	30	_	30	0.02	1	0.7			
			0010 0010	451+71 - 495+95 -	451+71 499+38	STH 81, LT STH 81, LT	15 30	_	15 30	0.01 0.02	1 1	0.4 0.7			
			0010	516+75 -	519+70	STH 81, LT	30	_	30	0.02	1	0.7			
			0010	UNDISTRIB	JTED	STH 81 TOTAL 0010	30 315	100 100	30 315	0.01	20	7.5	_		
							643 - TRAFFIC	CONTROL ITEMS							
						643.0300	643.0420	643.0705	643.0900	643.092 TRAFFIC		.050			
						TRAFFIC CONTROL DRUMS	TRAFFIC CONTROL BARRICADES TYPE III	TYPEA	S TRAFFIC CONTR SIGNS	TYPEII	GNS TRAFFIC C SIGNS	PCMS			
	CATEGORY	STATION	TO STATION	LOCATION	DAYS	NO. DAY	NO. DAY	NO. DAY	NO. DA	Y EACH	NO.	DAY	Ri	EMARKS	
	0010 0010	74+25 74+25	- 787+43 - 787+43	STH 81 STH 81	7	5 35	 36 3168	 72 6336		_	1	7		ROJECT LIMIT DE ROADS	
	0010	74+25 74+25	- 787+43 - 787+43	STH 81	88 88		36 3168 7 616	72 6336 14 1,232			_	_		IAINLINE	
	0010	74+25	- 787+43	STH 81/STH 23	88				7 616	5 2*	_	— DET		G AT STH 81/23 INTERSI	ECTION
	0010	74+25	- 787+43 UNDISTRIBUTED	STH 81	7	5 35 130	- – 416	- – 832	– – 728	_ 3 _	1		EAST PI	ROJECT LIMIT	
				TOTAL 0010		200	4,200	8,400				14			
	*ONE CYCLE														
JEOT N	D: 5944-04-73			HWY: S	 TH 81		COUNTY: L	AFAYETTE		MISC	ELLANEO	US QUAN	TITIES	SHEE	<u></u>

PROJECT NO: 5944-04-73	HWY: STH 81		ITY: LAFAYETTE		MISCELLANEOUS QUANTITIES	SHEET	E
	0010 74+25 -	787+43 SIH 81 TOTAL 0010	134,600 142,636 134,600 142,636	134,600	F LACE TEIVIF IVIANNTING LINE BEFORE KUIVIBLES		
		STATION LOCATION 787+43 STH 81	YELLOW WHITE LF LF 134,600 142,636	YELLOW LF 134,600	REMARKS PLACE TEMP MARKING LINE BEFORE RUMBLES		
			MARKING LINE GROOVED WET MARKING LINE EPOXY 4-INCH INCH	TEMPORARY MARKING LINE EPOXY 4-INCH			
		646 - PAVEMENT MARKING	646.1020 646.1040	649.0120			
0010 74+25 - 787+43	STH 81 1 TOTAL 0010 1			0010	O 74+25 - 787+43 STH TOTAL		
CATEGORY STATION TO STATION	643.5000 TRAFFIC CONTROL LOCATION EACH			CATEGO	DRY STATION TO STATION LOCAT	648.0100 LOCATING NO- PASSING ZONES TION MI	
<u>643 - TRAFFIC C</u>	ONTROL				648 - LOCATING NO PASSING ZONE	<u>s</u>	

FILE NAME : PLOT DATE : _____ PLOT BY : ____ PLOT BY : ____ ORG DATE : ____ ORIGINATOR : DIST PLOT SCALE : 1:1

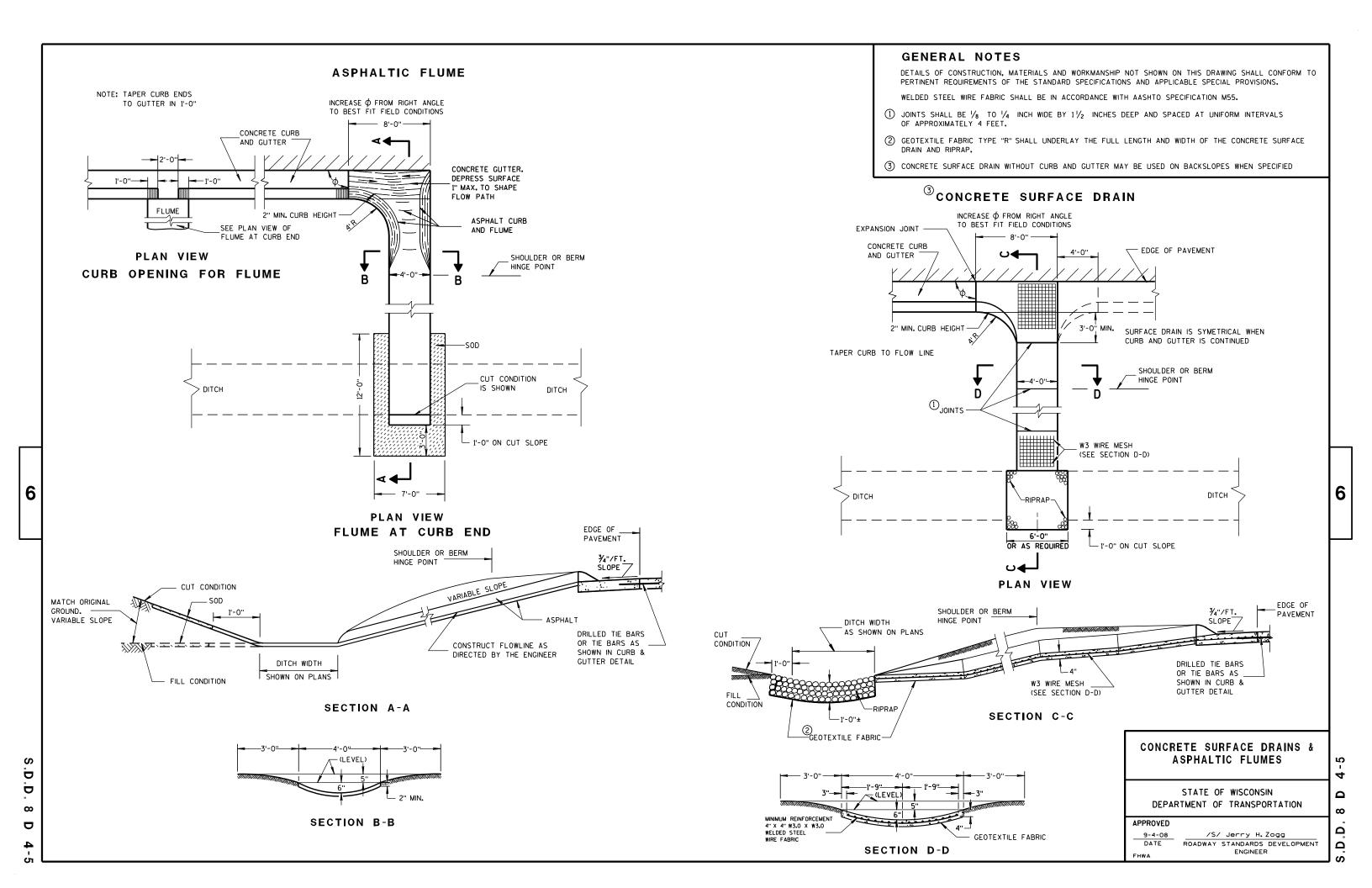
Part				MISC ITEMS 211.0100.01	213.0100.01	618.0100.01	619.1000	642.5001			SPV.01	80 - DISTRESSED MILL	ING 465.0105	SPV.0180.01
SPY_0060_01_MONUMENTS	CATEGORY	station to station	LOCATION	FOR ASPHALTIC PAVING (PROJECT) (01. TBD)	ROADWAY (PROJECT) (01. TBD)	AND REPAIR OF HAUL ROADS (PROJECT) (01. TBD)		TYPE B	CATEGOR	RY STATIO	n to st <i>a</i>	ition location	ASPHALTIC SURFACE	SPECIAL (01. REMOVING DISTRESSED PAVEMENT MILLINGS)
SPY.0060.01 - MONUMENTS SPY.0060.01 SPECIAL [0] SP	0010	74+25 - 787+43				1 1	1	1	0010	74+25				
		0010 0010	STATION 124+530 364+46 431+85	S S L I M LOCATION RT RT LT	PECIAL (01. VERIFY LANDMARK REFERENCE MONUMENT) EACH 1 1 1						LOCATION STH 81	CONSTRUCTION STAKING RESURFACING REFERENCE LF 71,318	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) (01. 5944-04-73) LS	REMARKS

FILE NAME : PLOT DATE : _____ PLOT BY : ____ PLOT NAME : ____ ORG DATE : ____ ORIGINATOR : DIST PLOT SCALE : 1:1

Standard Detail Drawing List

08D04-05	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D22-01	DRIVEWAYS WITHOUT CURB & GUTTER RESURFACING PROJECTS RURAL
08E09-06	SILT FENCE
13A11-03A	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13A11-03B	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13C19-03	HMA LONGITUDINAL JOINTS
14B29-01	SAFETY EDGE
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C03-05	BARRI CADES AND SIGNS FOR SIDEROAD CLOSURES
15C08-20A	LONGI TUDI NAL MARKI NG (MAI NLI NE)
15C11-09B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-07	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-06A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C35-04A	PAVEMENT MARKING (INTERSECTIONS)
15D44-02	TRAFFIC CONTROL. SIGNING ON ROADWAYS WITH MILLED SURFACES
10011 02	THE CONTROL OF THE ON THE WITTEN AND THE CONTROLS

6



PLAN VIEW HALF SECTION

EXISTING ASPHALTIC SURFACE DRIVEWAY — 8' TO 10' SHOULDER —= HMA PAVEMENT - 5' TO 20' -5' TO 7'-OVERLAY 2.00% 4.00% VARIES - EXISTING HMA PAVEMENT REMOVE EXISTING ASPH. PAV'T EXISTING BASE & BASE COURSE TO A DEPTH AGGREGATE DENSE SUFFICIENT TO PLACE 2" TO 3" ASPHALTIC SURFACE & 6" 2" TO 3" ASPHALTIC SURFACE (1) BASE AGGREGATE DENSE 6" BASE AGGREGATE MATCH EXISTING DRIVEWAY DENSE (MAY BE INCREASED FOR CLAY SUBGRADES)

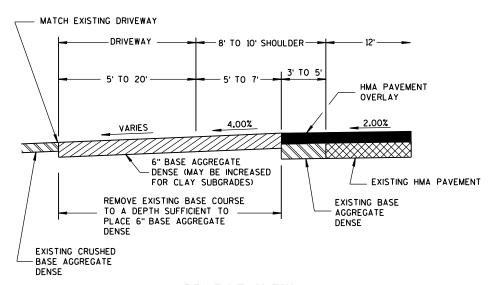
PLAN VIEW

HALF SECTION

PROFILE VIEW

RURAL ENTRANCE WITH ASPHALTIC SURFACE

RESURFACING PROJECTS



PROFILE VIEW

RURAL ENTRANCE WITH AGGREGATE SURFACE

6" BASE AGGREGATE DENSE RESURFACING PROJECTS

GENERAL NOTES

DESIGN WILL DETERMINE FINAL DRIVEWAY ASPHALTIC THICKNESS BASED ON TYPE OF USAGE AND LOADINGS.

DRIVEWAYS WITHOUT CURB & GUTTER RESURFACING PROJECTS RURAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

FHWA

 $\frac{\text{December. 2016}}{\text{DATE}} \underbrace{\begin{array}{c} \text{2016} \\ \text{ROADWAY STANDARDS DEVELOPMENT} \end{array}}_{}$

UNIT SUPERVISOR

6

 α

Ω

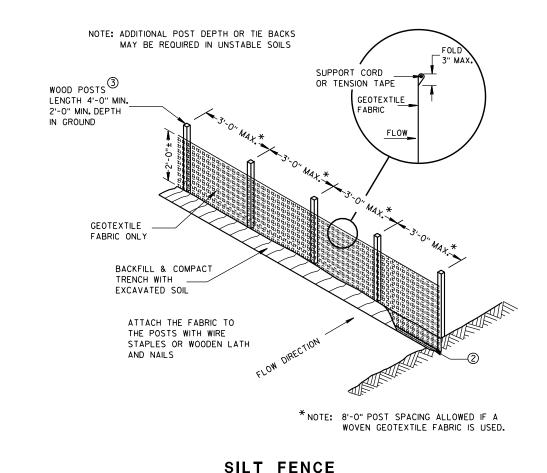
ω

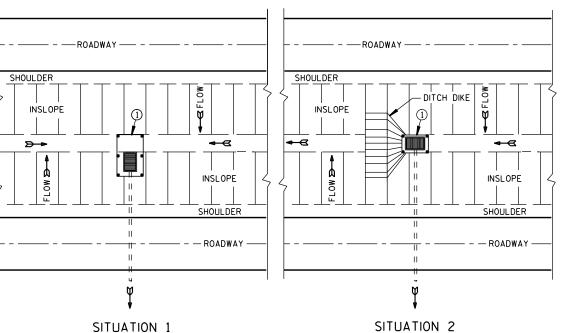
Δ

.D.D. 8 D 22-1

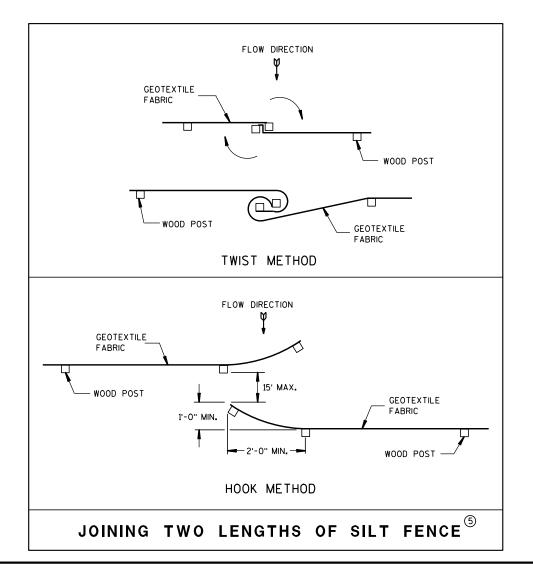
6

TYPICAL APPLICATION OF SILT FENCE





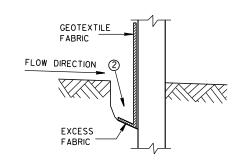
PLAN VIEW SILT FENCE AT MEDIAN SURFACE DRAINS



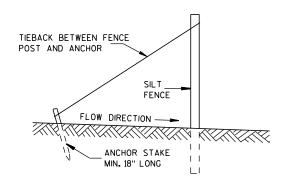
GENERAL NOTES

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 11/8" X 11/8" 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



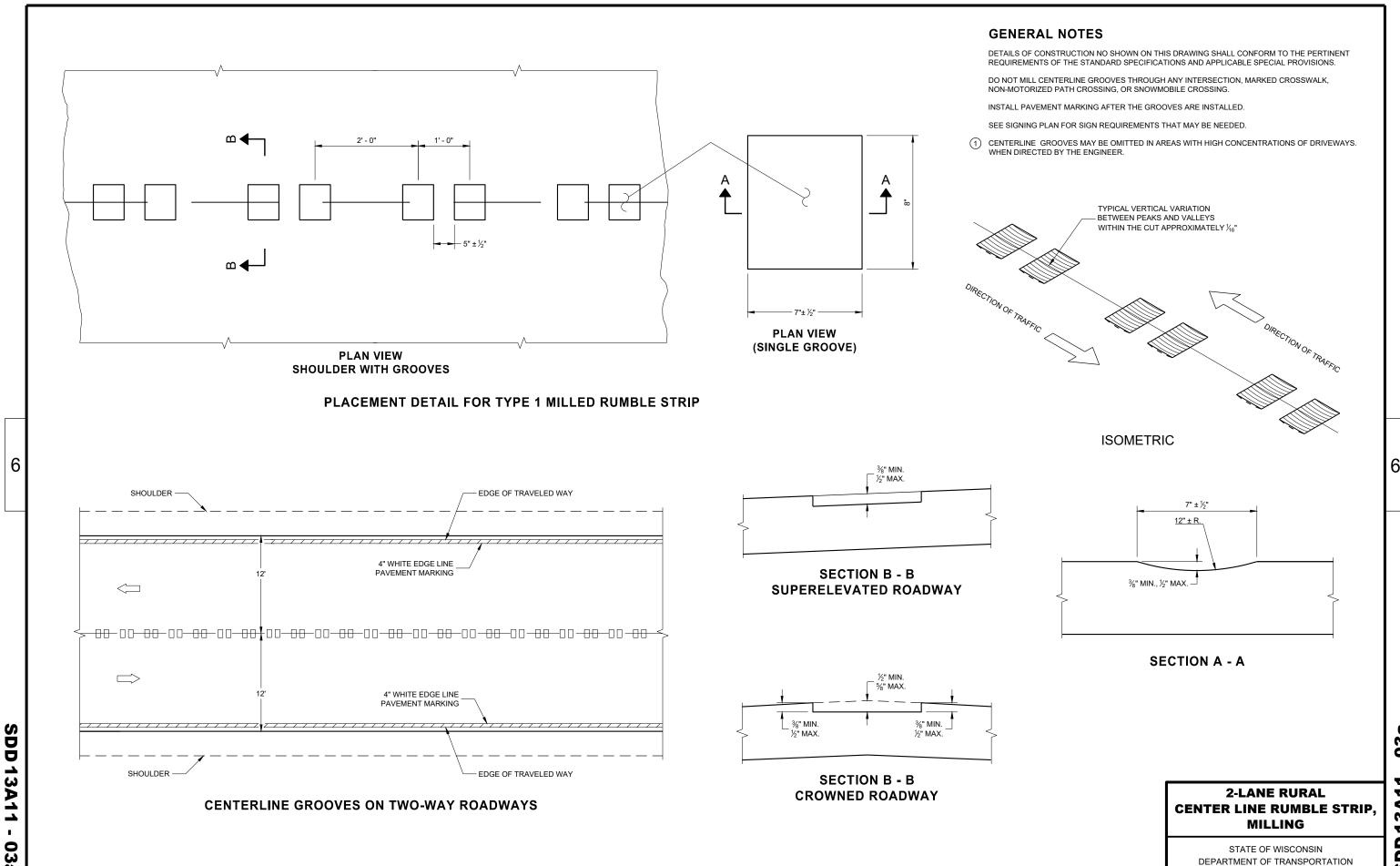
SILT FENCE TIE BACK (WHEN REQUIRED BY THE ENGINEER)

SILT FENCE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION APPROVED 4-29-05 /S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER

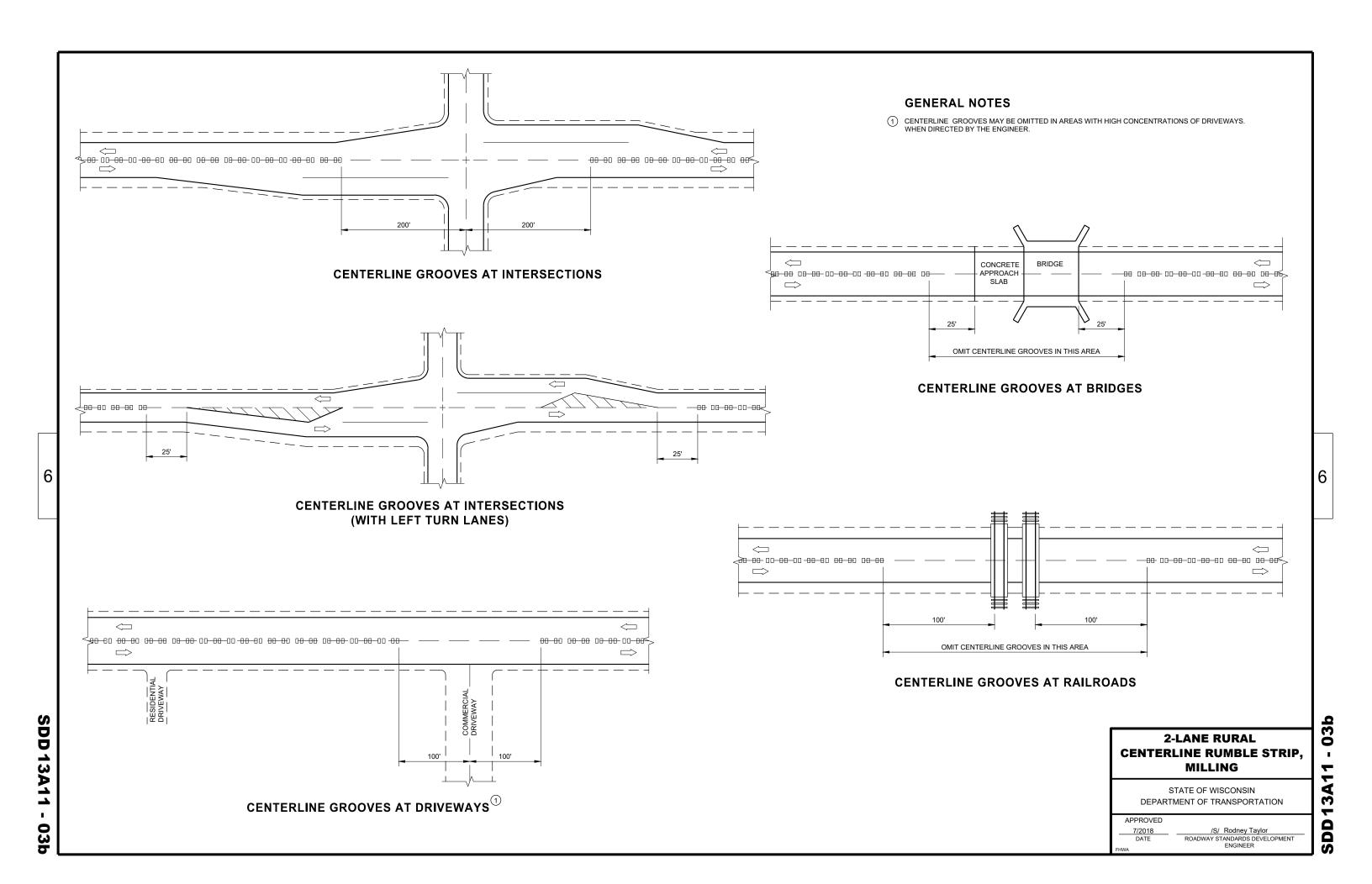
Ш

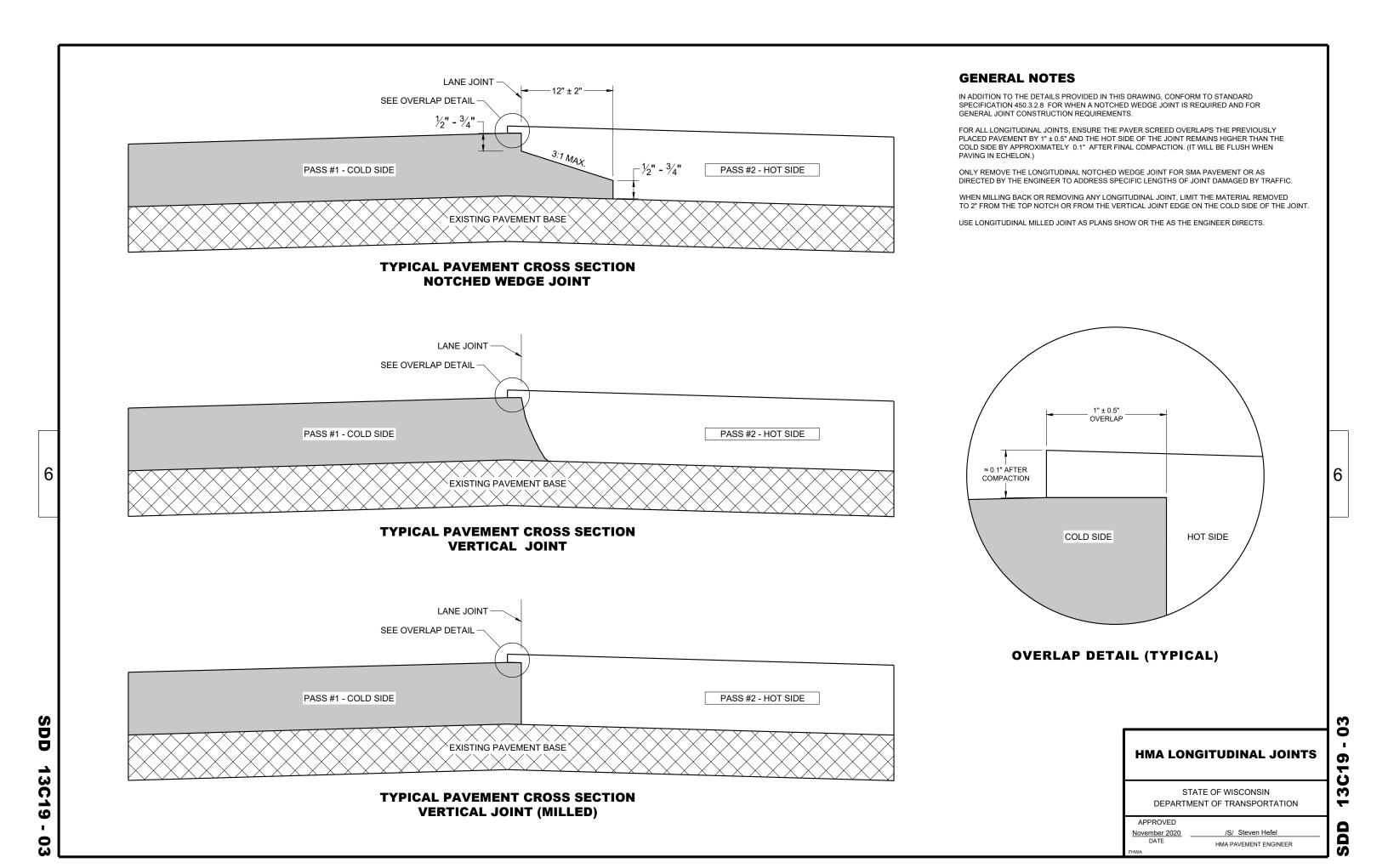
တ ∞ Ω

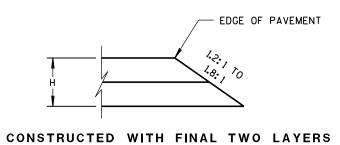
6

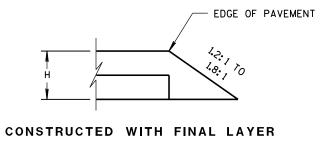


SDD



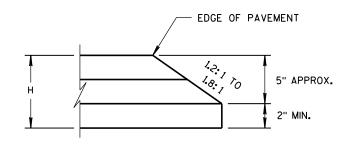


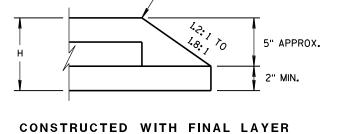




FOR H 5" OR LESS

FOR H 5" OR LESS





EDGE OF PAVEMENT

FOR H GREATER THAN 5"

FOR H GREATER THAN 5"

ASPHALT
SAFETY EDGE —

FINISHED SHOULDER AGGREGATE PLACEMENT

- EDGE OF PAVEMENT

HMA PAVEMENT AND HMA OVERLAYS

SAFETY EDGE SM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

 $\mathbf{\omega}$

Ω

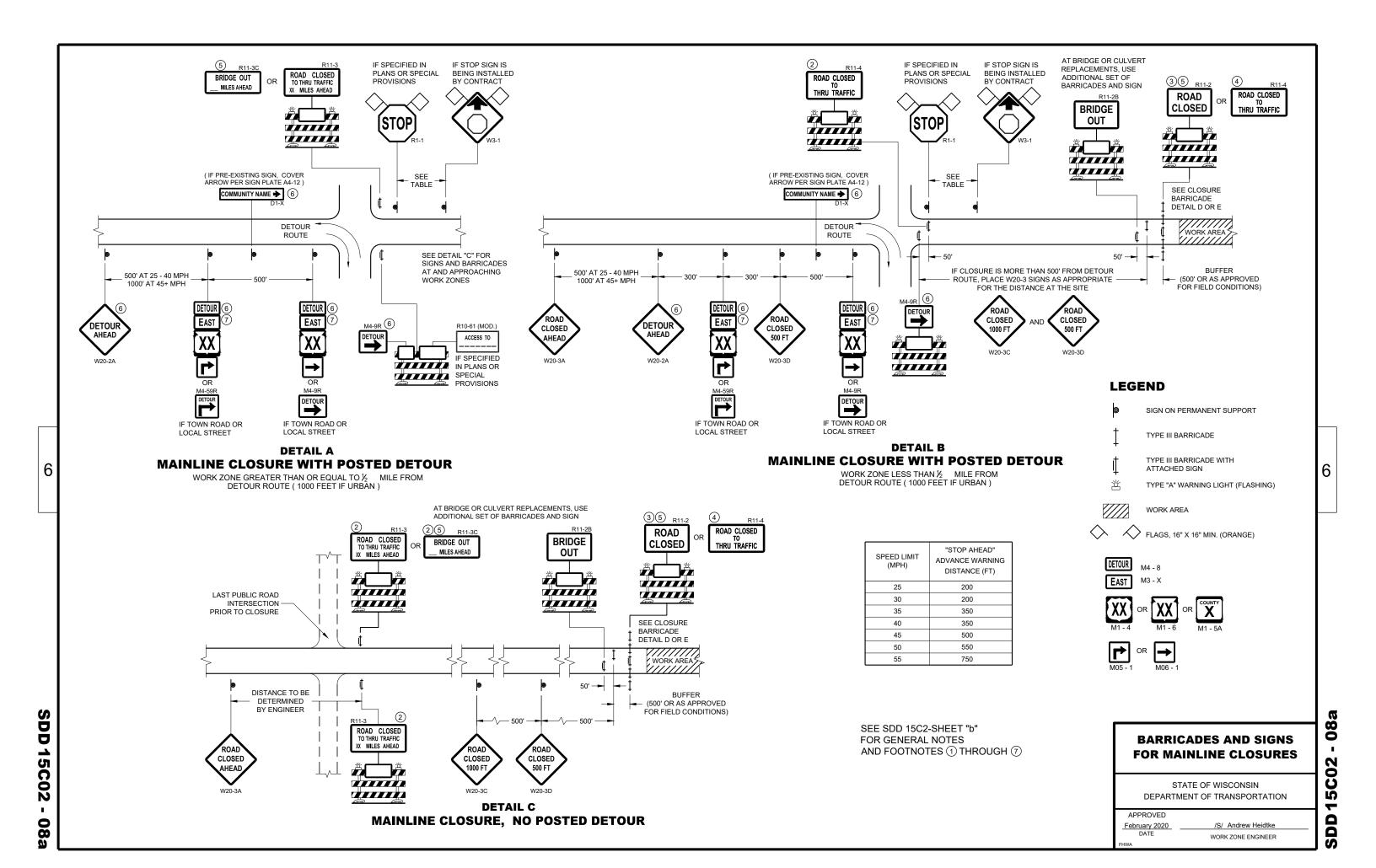
Ω

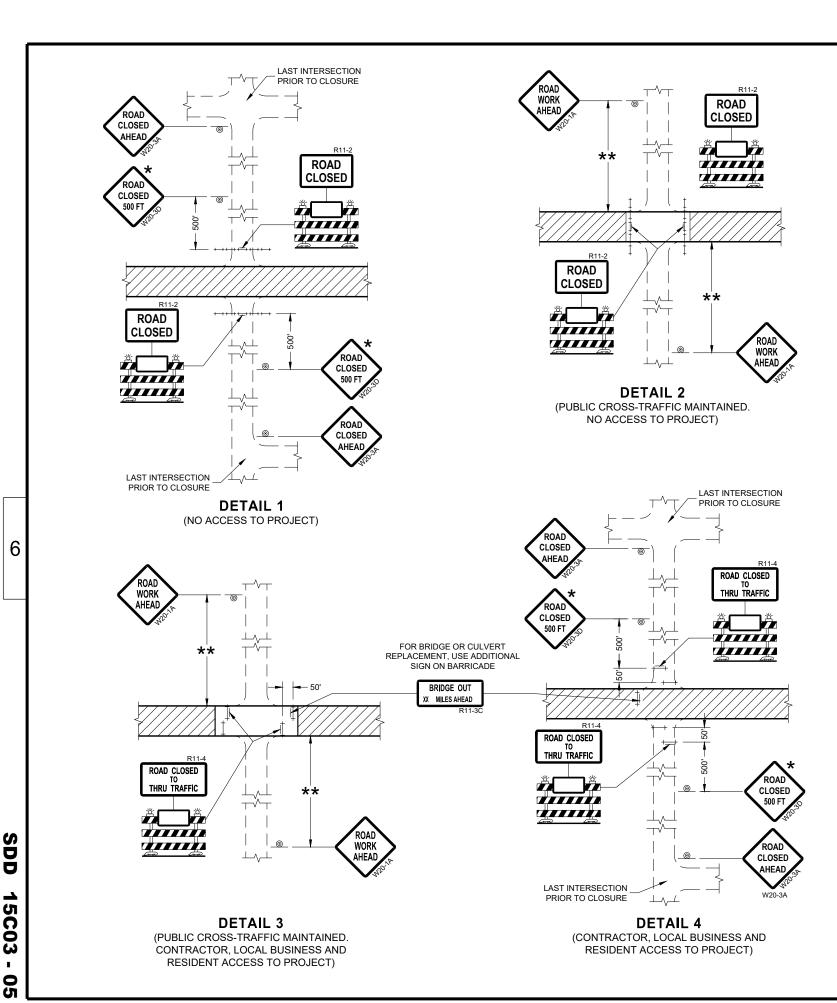
APPROVED

BASE AGGREGATE DENSE

DATE ROADWAY STANDARDS DEVELOPMENT ENGINEER

6





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.

 $\begin{tabular}{l} FA "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED. \\ \end{tabular}$

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

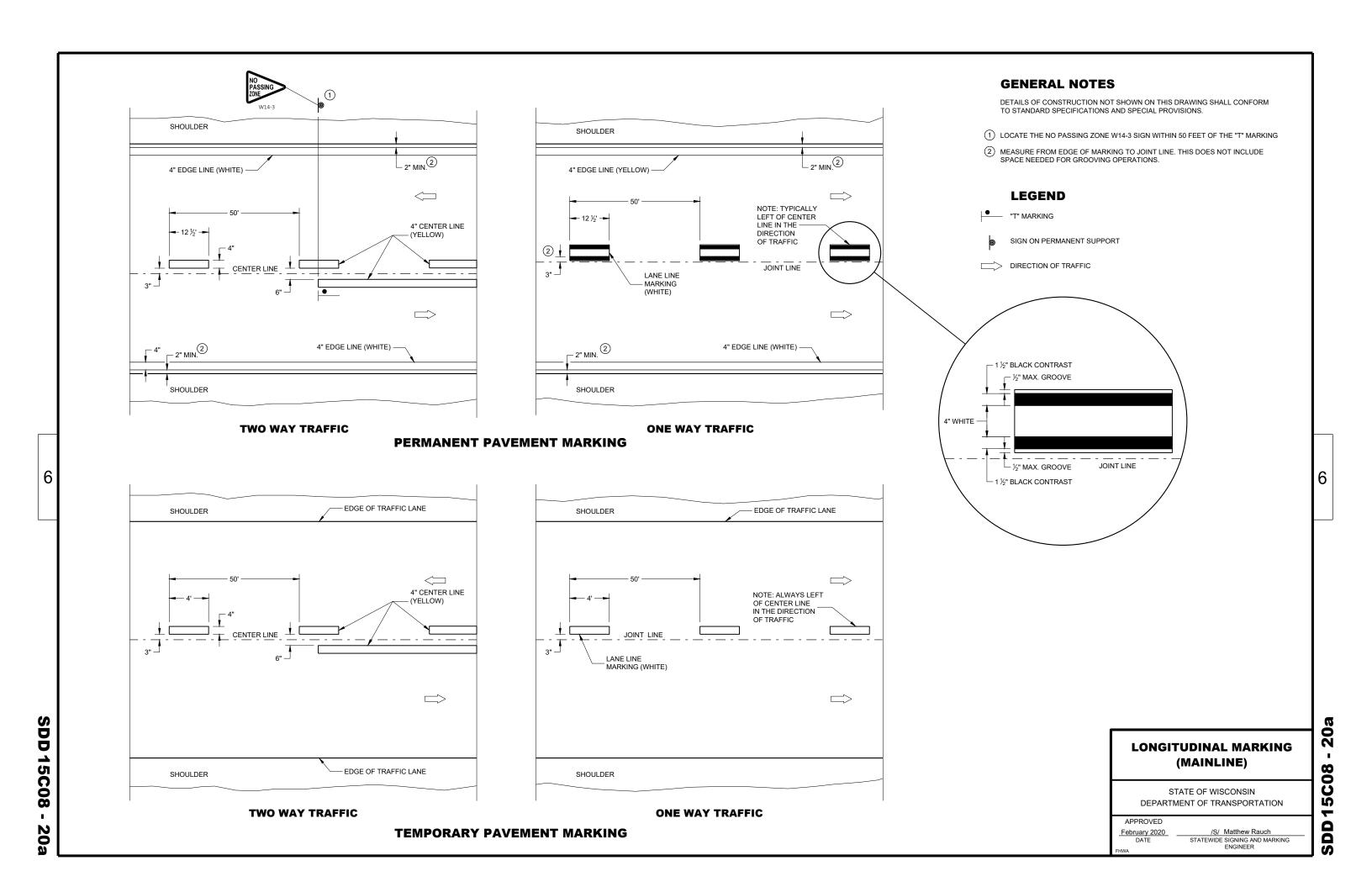
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

 APPROVED
 /S/ Andrew Heidtke

 July 2018
 /S/ Andrew Heidtke

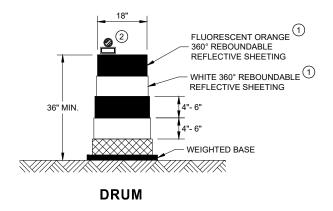
 DATE
 WORK ZONE ENGINEER

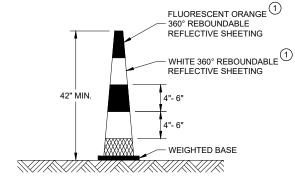
DD 15C03 - 05



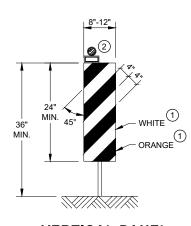
GENERAL NOTES

- (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.

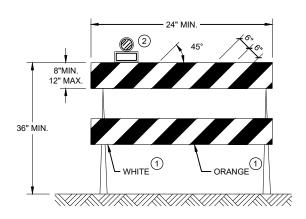




42" CONE DO NOT USE IN TAPERS ½ SPACING OF DRUMS

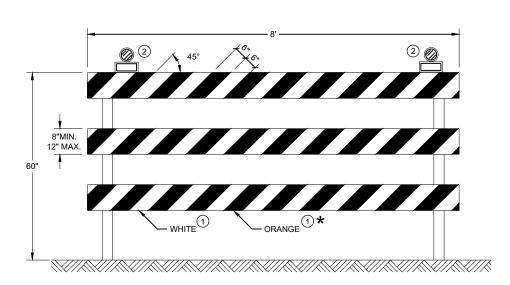


VERTICAL PANEL THE STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION.



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

<u>60</u>

15C

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED	
May 2021	/S/ Andrew Heidtke
DATE	WORK ZONE ENGINEER
EHW/A	

RUMBLE

STRIPS

WORK

GENERAL NOTES FLAGGING LEGEND DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH SIGN ON PORTABLE OR PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PERMANENT SUPPORT PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING. UNIFORM TRAFFIC CONTROL DEVICES. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING TEMPORARY PORTABLE RUMBLE WORK OPERATION OR AS APPROVED BY THE ENGINEER. STRIP ARRAY "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE. SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE DIRECTION OF TRAFFIC ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER. WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED. THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP WORK AREA **TEMPORARY PORTABLE RUMBLE STRIPS** WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS. TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER. FLAGGER, EQUIPPED WITH STOP/SLOW EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED ACCORDING TO MANUFACTURER'S PADDLE FASTENED ON SUPPORT STAFF RECOMMENDATION, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN. ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FOR THE APPROVED PRODUCTS LIST. INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS. PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS. DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS. **SIGN AND TEMPORARY RUMBLE** STRIP ARRAY SPACING TABLE 5' MIN BE SPEED LIMIT SPACING "A" USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, PREPARED THIS SIGN SHALL BE LOCATED BETWEEN THE 25-30 MPH TO STOP W20-7A AND W20-4A SIGNS, USING SPACING "A" 35-40 MPH STOP/SLOW PADDLE ŔUMBLĖ 45-55 MPH 500' WO3-4 WORK **ON SUPPORT STAFF** ROAD STRIPS VARIABLE DISTANCE - 200' - 300' (TYP.) END ROAD WORK |||3 WORK AREA A/2 END ROAD WORK 200' - 300' (TYP.) VARIABLE DISTANCE

TRAFFIC CONTROL FOR LANE CLOSURE WITH **FLAGGING OPERATION**

2

S

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

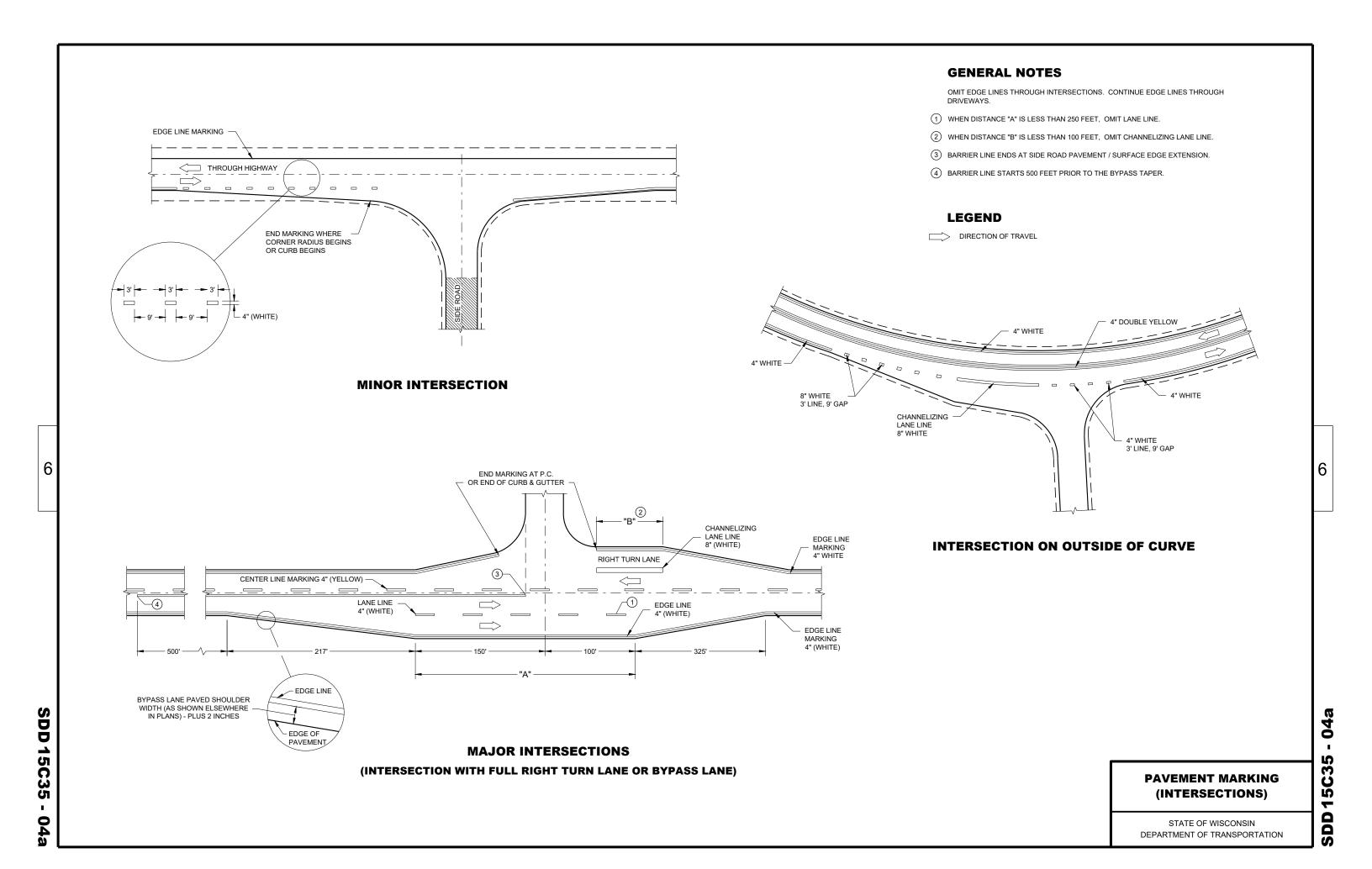
APPROVED	
May 2019	/S/ Andrew Heidtke
DATE	WORK ZONE ENGINEER
FHWA	

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

Ŏ 0 Ŋ

WORK ZONE ENGINEER

6



DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

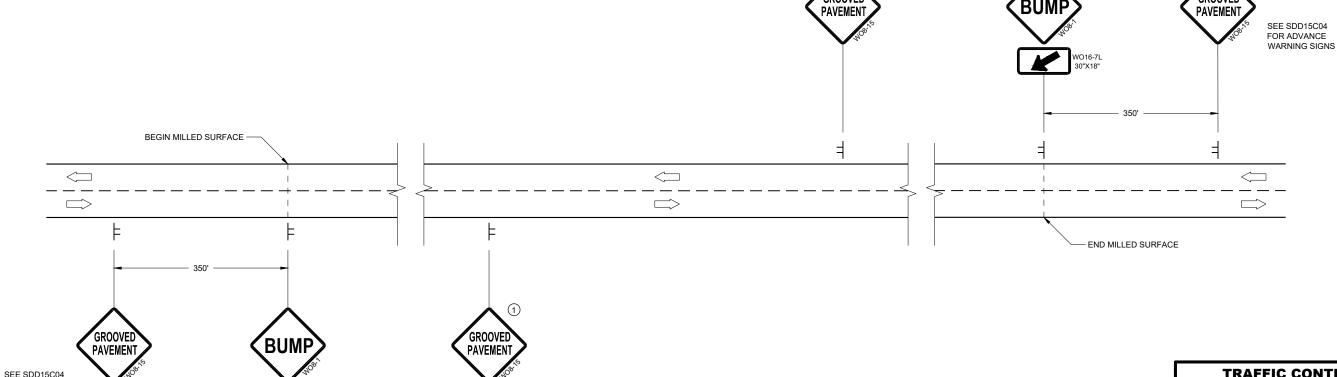
- (1) PLACE SIGNS 350' IN ADVANCE OF MILLED SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.
- (2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

FOR ADVANCE

WARNING SIGNS



DETAIL FOR SIGNING ON MILLED SURFACES

TRAFFIC CONTROL, **SIGNING ON ROADWAYS WITH MILLED SURFACES**

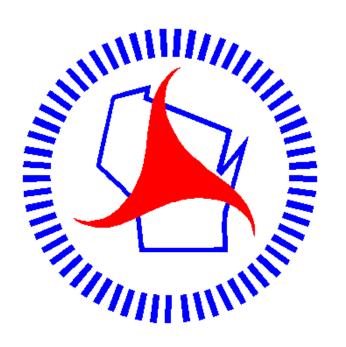
 $\perp \!\!\! \perp$

TYPICAL SIDE ROAD APPROACH SIGN DETAIL

PAVEMENT

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION Ò D

APPROVED February 2020 DATE /S/ Andrew Heidtke WORK ZONE ENGINEER



Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

http://www.dot.wisconsin.gov