



Wisconsin Department of Transportation

May 27, 2015

Division of Transportation Systems Development

Bureau of Project Development
 4802 Sheboygan Avenue, Rm 601
 P O Box 7916
 Madison, WI 53707-7916

Telephone: (608) 266-1631
 Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Proposal #04: 1100-15-71
Milwaukee – Fond du Lac Rd
Box Culvert B-66-0195
USH 41
Washington County

1100-38-70, WISC 2015 317
Milwaukee – Fond du Lac
Wash. Co. Line to USH 41/45 Split Rdwy
USH 41
Washington County

1100-47-70, WIS 2015 318
Milwaukee – Fond du Lac Rd
CTH F/Freidstadt Rd to STH 167
USH 41
Washington County

Letting of June 9, 2015

This is Addendum No. 01, which provides for the following:

Schedule of Items

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
460.2000	Incentive Density HMA Pavement	DOL	150,741	107,870	107,870
505.0610	Bar Steel Reinforcement HS Coated Culverts	LB	935	875	875
606.0200	Riprap Medium	CY	72.3	77.3	77.3
614.0010	Barrier System Grading Shaping Finishing	EA	22	15	15
614.0230	Steel Thrie Beam	LF	1,951	1,950	1950
614.2300	MGS Guardrail 3	LF	5509	6185	6185
614.2330	MGS Guardrail 3 K	LF	5509	5137.5	5137.5
614.2500	MGS Thrie Beam Transition	LF	320	236.4	236.4
614.2610	MGS Guardrail Terminal EAT	EA	19	17	17
643.0900	Traffic Control Signs	Day	45,815	49,280	49,280
643.1000	Traffic Control Signs Fixed Message	SY	1,100	1,268	1,268
643.1050	Traffic Control Signs PCMS	Day	1936	2,344	2,344
643.3000	Traffic Control Detour Signs	Day	2,594	3,542	3,542
645.0120	Geotextile Fabric Type HR	SY	159	161	161

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
614.2340	MGS GUARDRAL 3 L	LF	0	225	225

Plan Sheets

Revised Plan Sheets – 1100-15-71	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
11	1100-15-71 – PLAN DETAIL (revised guardrails and grading details)
21	1100-15-71 – ALTERNATE ROUTE (revised alternate route for USH 45 SB traffic)
28	1100-15-71 – MISCELLANEOUS QUANTITIES (revised guardrail bid items schedule)
29	1100-15-71 – MISCELLANEOUS QUANTITIES (revised traffic control bid items schedules)
85	1100-15-71 – STRUCTURE B-66-195 (revised to delete concrete weir wall & revised riprap)
87	1100-15-71 – STRUCTURE B-66-195 (revised to delete concrete weir wall & revised riprap)
90	1100-15-71 – STRUCTURE B-66-195 (revised to delete concrete weir wall & revised riprap)
91	1100-15-71 – STRUCTURE B-66-195 (revised to delete concrete weir wall & revised riprap)

Revised Plan Sheets – 1100-38-70	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
60	1100-38-70 – RAMP DETAIL (revised asphaltic shoulders, guardrails, & grading details)
61	1100-38-70 – RAMP DETAIL (revised asphaltic shoulders, guardrails, & grading details)
64	1100-38-70 – RAMP DETAIL (revised asphaltic shoulders, guardrails, & grading details)
65	1100-38-70 – RAMP DETAIL (revised asphaltic shoulders, guardrails, & grading details)
72	1100-38-70 – PLAN DETAIL (revised asphaltic shoulders, guardrails, & grading details)
73	1100-38-70 – PLAN DETAIL (revised asphaltic shoulders, guardrails, & grading details)
75	1100-38-70 – PLAN DETAIL (revised asphaltic shoulders, guardrails, & grading details)
76	1100-38-70 – PLAN DETAIL (revised asphaltic shoulders, guardrails, & grading details)
77	1100-38-70 – PLAN DETAIL (revised asphaltic shoulders, guardrails, & grading details)
82	1100-38-70 – PLAN DETAIL (revised asphaltic shoulders, guardrails, & grading details)
83	1100-38-70 – PLAN DETAIL (revised asphaltic shoulders, guardrails, & grading details)
85	1100-38-70 – PLAN DETAIL (revised asphaltic shoulders, guardrails, & grading details)
92	1100-38-70 – PLAN DETAIL (revised asphaltic shoulders, guardrails, & grading details)
93	1100-38-70 – PLAN DETAIL (revised asphaltic shoulders, guardrails, & grading details)
97	1100-38-70 – PLAN DETAIL (revised asphaltic shoulders, guardrails, & grading details)
98	1100-38-70 – PLAN DETAIL (revised asphaltic shoulders, guardrails, & grading details)
387	1100-38-70 – FIXED MESSAGE SIGN DETAILS (revised sign details to US 41 & US 45)
390	1100-38-70 – DETOUR PLANS (revised detour signs)
391	1100-38-70 – DETOUR PLANS (revised detour signs)
392	1100-38-70 – DETOUR PLANS (revised detour routes & detour signs)
393	1100-38-70 – DETOUR PLANS (revised detour routes & detour signs)
394	1100-38-70 – DETOUR PLANS (revised detour routes & detour signs)
422	1100-38-70 – MISCELLANEOUS QUANTITIES (revised Incentive Density HMA Pavement bid item schedule)
427	1100-38-70 – MISCELLANEOUS QUANTITIES (revised guardrail bid item schedules)
431	1100-38-70 – MISCELLANEOUS QUANTITIES (revised quantities for Traffic Control Signs PCMS & Traffic Control Detour Signs bid item schedules)
794	1100-38-70 – CROSS SECTIONS (revised slope at STA 358+50 LT)

Added Plan Sheets – 1100-15-71	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
62A	1100-15-71 – SDD 14B43-3a – Midwest Guardrail System Long Span MGS (L)
62B	1100-15-71 – SDD 14B43-3b – Midwest Guardrail System Long Span MGS (L)
62C	1100-15-71 – SDD 14B43-3c – Midwest Guardrail System Long Span MGS (L)
97A	1100-15-71 – CROSS SECTIONS (revised guardrail and grading details)
97B	1100-15-71 – CROSS SECTIONS (revised guardrail and grading details)

Added Plan Sheets – 1100-38-70 / 1100-47-70	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
319A	1100-47-70 – TRAFFIC CONTROL (STAGE 2A & STAGE 2B traffic control sheet is required for final pavement marking and resin binder high friction surface treatment installations)
850A	1100-38-70 – CROSS SECTIONS (revised guardrail and grading details)
850B	1100-38-70 – CROSS SECTIONS (revised guardrail and grading details)
850C	1100-38-70 – CROSS SECTIONS (revised guardrail and grading details)
850D	1100-38-70 – CROSS SECTIONS (revised guardrail and grading details)
850E	1100-38-70 – CROSS SECTIONS (revised guardrail and grading details)
850F	1100-38-70 – CROSS SECTIONS (revised guardrail and grading details)
850G	1100-38-70 – CROSS SECTIONS (revised guardrail and grading details)
850H	1100-38-70 – CROSS SECTIONS (revised guardrail and grading details)
850I	1100-38-70 – CROSS SECTIONS (revised guardrail and grading details)
850J	1100-38-70 – CROSS SECTIONS (revised guardrail and grading details)
850K	1100-38-70 – CROSS SECTIONS (revised guardrail and grading details)
850L	1100-38-70 – CROSS SECTIONS (revised guardrail and grading details)
850M	1100-38-70 – CROSS SECTIONS (revised guardrail and grading details)
850N	1100-38-70 – CROSS SECTIONS (revised guardrail and grading details)

Deleted Plan Sheets – 1100-38-70	
Plan Sheet	Plan Sheet Title (brief description of why sheet was deleted)
219	OVERHEAD SIGN SUPPORT S-66-241 (this sheet was in other let project)

Schedule of Items

Attached, dated May 27, 2015, are the revised Schedule of Items Pages 5, 6, 8 – 10, 16, 17, 38, and 39.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

1100-15-71

Revised: 11, 21, 28, 29, 85, 87, 90, and 91.

Added: 62A, 62B, 62C, 97A, and 97B.

1100-38-70 / 1100-47-70

Revised: 60, 61, 64, 65, 72, 73, 75 – 77, 82, 83, 85, 92, 93, 97, 98, 387, 390 – 394, 422, 427, 431, and 794.

Added: 319A and 850A – 850N.

Deleted: 219

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

END OF ADDENDUM



LEGEND: FIXED MESSAGE SIGNS

- EXISTING GUIDE SIGN TO BE COVERED
- FIXED MESSAGE SIGN(S) ON WOOD POST SUPPORTS
- FIXED MESSAGE SIGN NUMBER
- CONTRACTOR SHALL COVER AS DIRECTED BY THE ENGINEER ALL ROUTE MARKINGS PERTAINING TO THE PROJECT. INCIDENTAL TO WORK ZONE TRAFFIC CONTROL SIGNING.
- PORTABLE CHANGEABLE MESSAGE SIGN

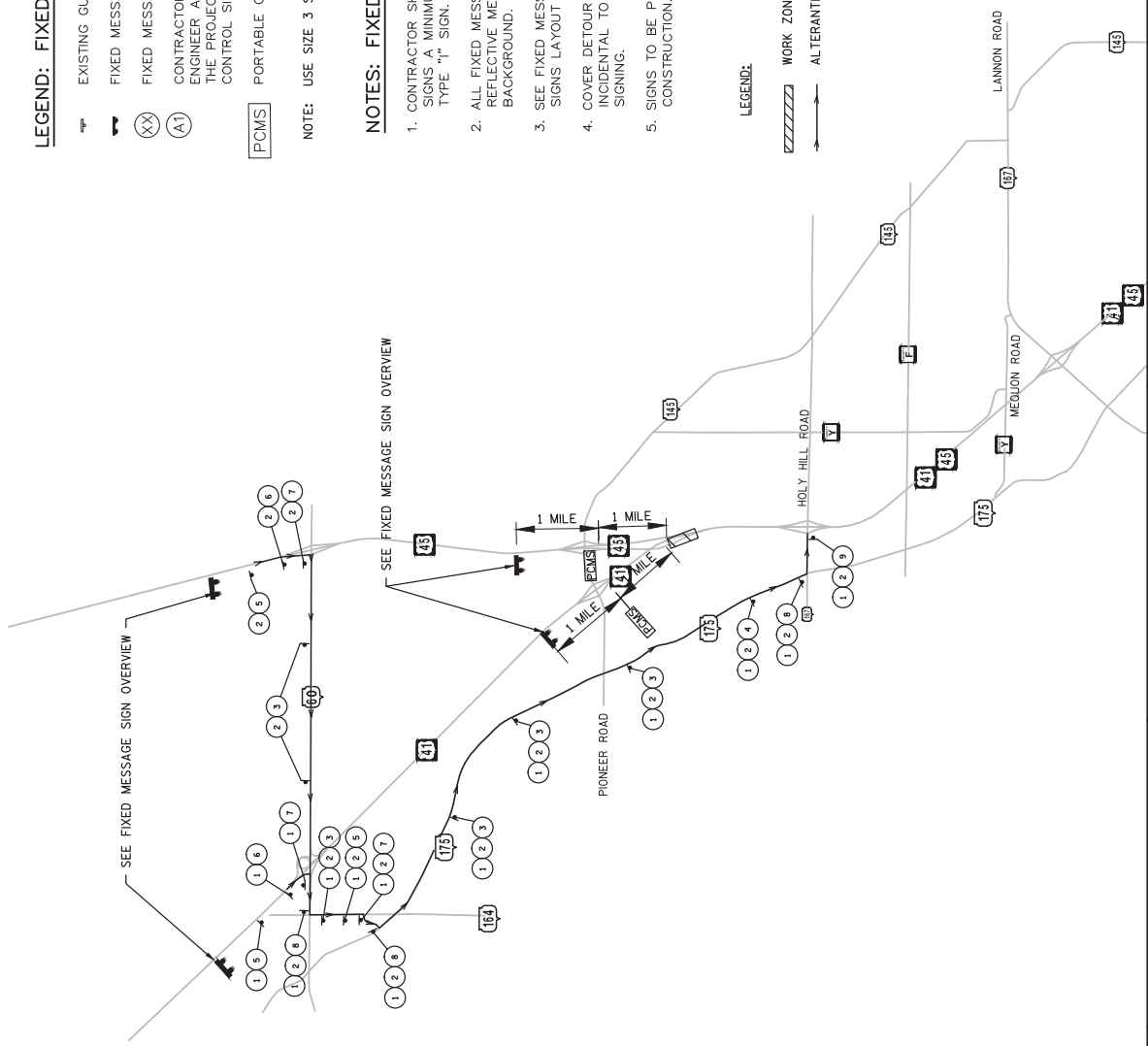
NOTE: USE SIZE 3 SIGNS ON USH 41/45

NOTES: FIXED MESSAGE SIGNS

1. CONTRACTOR SHOULD LOCATE FIXED MESSAGE SIGNS A MINIMUM OF 400' FROM ANY EXISTING TYPE "I" SIGN.
2. ALL FIXED MESSAGE SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE REFLECTIVE BACKGROUND.
3. SEE FIXED MESSAGE SIGNS AND SPECIAL MESSAGE SIGNS LAYOUT SHEETS FOR MORE INFORMATION.
4. COVER DETOUR SIGNING WHEN NOT IN USE. INCIDENTAL TO WORK ZONE TRAFFIC CONTROL SIGNING.
5. SIGNS TO BE PLACED 10 DAYS PRIOR TO CONSTRUCTION.

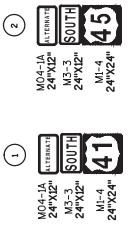
LEGEND:

- WORK ZONE
- ALTERNATE ROUTE FOR USH 41/45 SB



SEE FIXED MESSAGE SIGN OVERVIEW

SEE FIXED MESSAGE SIGN OVERVIEW



Addendum No. 01
 ID 1100-15-71
 Revised Sheet 21
 May 27, 2015

Addendum No. 01
ID 1100-15-71
Revised Sheet 28
May 27, 2015

SLOPE PAVING SELECT CRUSHED MATERIAL		604.0600		SY	
STATION	TO	STATION	LOCATION	SY	SY
680+00	-	680+24	USH 41/45 SB LT	17.3	
680+00	-	680+24	USH 41/45 SB RT	21.9	
TOTAL 0010				39.2	

606-RI PRAP		EXCAVATION		RI PRAP		GEOTEXTILE	
STATION	TO	STATION	LOCATION	CY	CY	TYPE	HR
679+76	-	680+46	USH 41/45 SB LT	51.9	23.3	645.0120	70.0
679+76	-	680+00	USH 41/45 SB LT	--	8.0		24.0
680+22	-	680+46	USH 41/45 SB LT	--	8.0		24.0
TOTAL 0010				51.9	39.3		118.0

614-GUARDRAIL		BARRIER SYSTEM GRADING		MGS GUARDRAIL		MGS GUARDRAIL		MGS GUARDRAIL	
STATION	TO	STATION	LOCATION	LF	LF	TERMINAL	TYPE	TYPE	TYPE
679+12.5	-	679+50.0	USH 41/45 SB LT	37.5	--				1
679+50.0	-	680+62.5	USH 41/45 SB LT	--	112.5				--
680+62.5	-	682+17.5	USH 41/45 SB LT	155.0	--				--
682+17.5	-	682+70.5	USH 41/45 SB LT	--	1				--
679+12.5	-	679+50.0	USH 41/45 SB RT	37.5	--				1
679+50.0	-	680+62.5	USH 41/45 SB RT	--	112.5				--
680+62.5	-	682+17.5	USH 41/45 SB RT	155.0	--				--
682+17.5	-	682+70.5	USH 41/45 SB RT	--	1				--
TOTAL 0010				385	225	2			2

614-GUARDRAIL		BARRIER SYSTEM GRADING SHAPING FINISHING (FOR INFORMATION ONLY)		*EXCAVATION		*BORROW		*TOPSOIL		*FERTILIZER		*SEEDING	
COMMON	CY	COMMON	CY	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE
USH 45 SB OUTSIDE SHOULDER	12	USH 41/45 SB LT	54	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
USH 41 SB INSIDE SHOULDER	12	USH 41/45 SB RT	37	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TOTAL				91	274	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

NOTES:
* = Items & Quantities listed for Bid Information Only

628-EC		MOBILIZATIONS		EROSION		EROSION		EROSION		EROSION		EROSION	
STATION	TO	STATION	LOCATION	SY	SY	CLASS	TYPE	CLASS	TYPE	CLASS	TYPE	CLASS	TYPE
679+05	-	679+76	USH 41/45 SB LT	30	1	30		30		30		30	
679+76	-	681+46	USH 41/45 SB BACK SLOPE	70	--	--		70		70		70	
679+76	-	680+00	USH 41/45 SW QUAD	64	--	--		64		64		64	
680+22	-	681+46	USH 41/45 NW QUAD	64	--	--		64		64		64	
679+76	-	680+00	USH 41/45 SE QUAD	80	1	1		80		80		80	
680+22	-	681+46	USH 41/45 NE QUAD	80	--	--		80		80		80	
681+46	-	682+38	USH 41/45 SB LT & RT	520	--	--		520		520		520	
TOTAL 0010				908	2	2		908		908		908	

628-EC		MOBILIZATIONS		EROSION		EROSION		EROSION		EROSION		EROSION	
STATION	TO	STATION	LOCATION	SY	SY	CLASS	TYPE	CLASS	TYPE	CLASS	TYPE	CLASS	TYPE
679+05	-	679+76	USH 41/45 SB LT	30	1	30		30		30		30	
679+76	-	681+46	USH 41/45 SB BACK SLOPE	70	--	--		70		70		70	
679+76	-	680+00	USH 41/45 SW QUAD	64	--	--		64		64		64	
680+22	-	681+46	USH 41/45 NW QUAD	64	--	--		64		64		64	
679+76	-	680+00	USH 41/45 SE QUAD	80	1	1		80		80		80	
680+22	-	681+46	USH 41/45 NE QUAD	80	--	--		80		80		80	
681+46	-	682+38	USH 41/45 SB LT & RT	520	--	--		520		520		520	
TOTAL 0010				908	2	2		908		908		908	

Addendum No. 01
 ID 1100-15-71
 Revised Sheet 29
 May 27, 2015

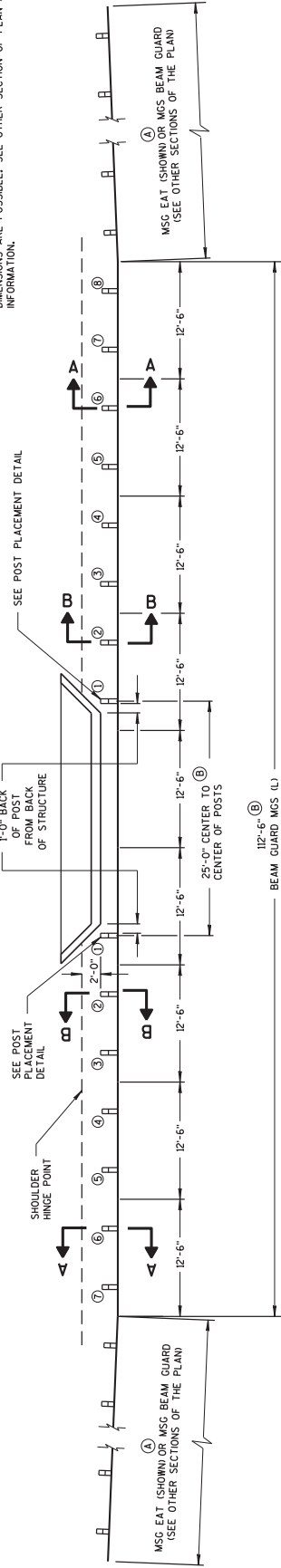
STATION	TO	STATION	LOCATION	TRAFFIC CONTROL SURVEILLANCE AND MAINTENANCE PROJECT 1100-15-71 643.0200	TRAFFIC CONTROL DRUMS DAY	TRAFFIC CONTROL BARRICADES TYPE III 643.0420	TRAFFIC CONTROL WARNING LIGHTS TYPE A 643.0705	TRAFFIC CONTROL WARNING LIGHTS TYPE C 643.0715	TRAFFIC CONTROL ARROW BOARDS 643.0800	TRAFFIC CONTROL SIGNS DAY	TRAFFIC CONTROL COVERING SIGNS TYPE II 643.0920	TRAFFIC CONTROL MESSAGE SIGNS 643.1000	TRAFFIC CONTROL SIGNS PCMS 643.1050	TRUCK OR TRAILER-MOUNTED ATTENUATOR 643.1055.S
STAGE 1				2										
682+00	-	694+00	USH 45 SB		54	2	4	32	4	30	4	4	4	2
682+00	-	694+00	USH 41 SB		24	4	8	8	2	18				2
STAGE 2				7										
682+00	-	693+00	USH 45 SB		140	7	14	140	0	14				
693+00	-	710+00	USH 45 SB		112	14	28	112	0	98			14	
682+00	-	692+00	USH 41 SB		105				14	14				
692+00	-	710+00	USH 41 SB		112				14	98	2		14	
STAGE 3				7										
682+00	-	693+00	USH 45 SB		119	14	28	119	0	14				
693+00	-	710+00	USH 45 SB		112	14	28	112	0	98			14	
682+00	-	692+00	USH 41 SB		168			168	14	14				
692+00	-	710+00	USH 41 SB		112			112	14	98	2		14	
STAGE 4				10										
684+00	-	692+00	USH 45 SB		50	10	20	50	10	10			20	
684+00	-	710+00	USH 45 SB		10	4	8	32	4	16			4	4
684+00	-	710+00	USH 41 SB		50	10	20	50	10	10			20	
684+00	-	694+00	USH 41 SB		10	4	8	32	4	16			4	4
ALTERNATE ROUTE SIGNLING														
1 MI. NO. OF STH 60	-	STH 60	USH 45 SB											
1 MI. NO. OF STH 60	-	STH 60	USH 41 SB											
USH 45	-	USH 41	STH 60											
STH 60	-	STH 175	STH 164											
STH 164	-	PIIONEER RD	STH 175											
PIIONEER RD	-	STH 167	STH 175											
STH 167	-	USH 41/45	STH 167											
2 MI. NO. OF 145	-	STH 145	USH 45 SB											
2 MI. NO. OF 145	-	STH 145	USH 41 SB											
TOTAL		0010		30	1178	83	166	967	90	4036	4	168	176	12

GENERAL NOTES

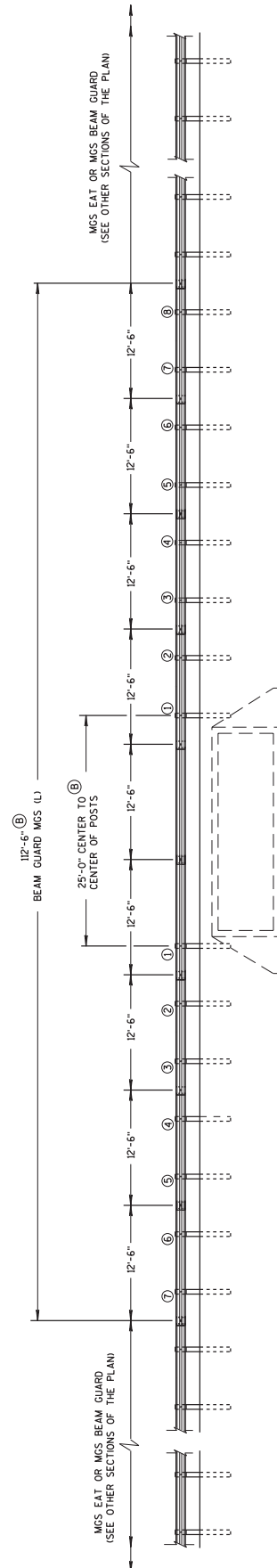
POSTS 1 THROUGH 3 ARE CRT POSTS.
ALL OTHER POSTS SHALL BE WOOD OR STEEL.
SEE SDD 14 B 42 FOR MORE DETAILS.

④ FLARE FOR MGS EAT, IF INSTALLING MGS NO FLARE NEEDED.

⑥ VALUES SHOWN ON DRAWING REPRESENT THE MAXIMUM LENGTH, SHORTER DIMENSIONS ARE POSSIBLE. SEE OTHER SECTION OF PLAN FOR MORE INFORMATION.



PLAN VIEW
DIRECTION OF TRAVEL



ELEVATION VIEW
DIRECTION OF TRAVEL

Addendum No. 01
ID 1100-15-71
Added Sheet 62A
May 27, 2015

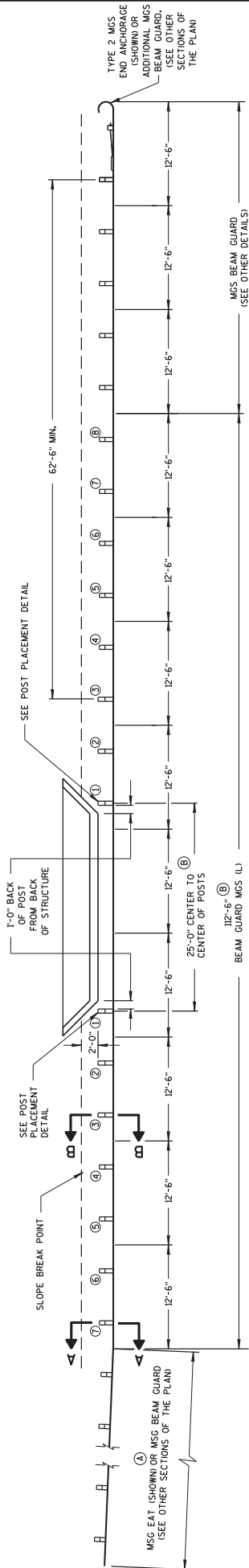
MIDWEST GUARDRAIL SYSTEM LONG SPAN MGS (L) TWO-WAY TRAFFIC

MIDWEST GUARDRAIL SYSTEM
LONG SPAN MGS (L)
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

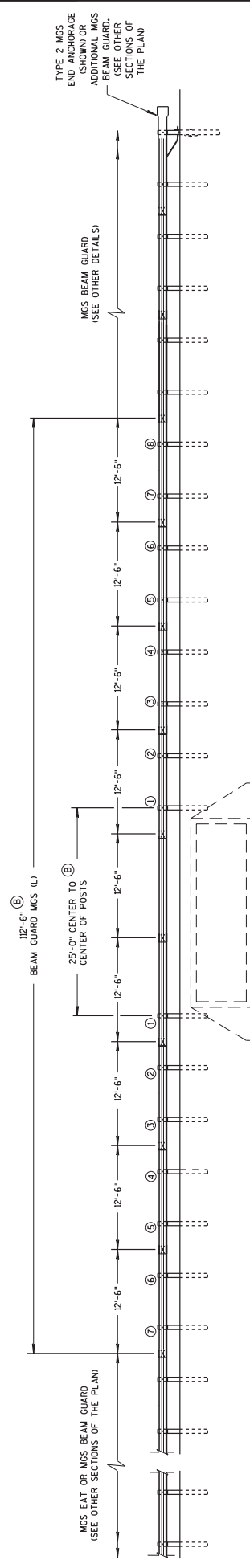
GENERAL NOTES

POSTS 1 THROUGH 3 ARE CRT POSTS.
ALL OTHER POSTS SHALL BE WOOD OR STEEL.
SEE SDD 14 B 42 FOR MORE DETAILS.

- (A) FLARE FOR MGS EAT SHOWN, IF INSTALLING MGS NO FLARE NEEDED.
- (B) VALUES SHOWN ON DRAWING REPRESENT THE MAXIMUM LENGTH, SHORTER DIMENSIONS ARE POSSIBLE. SEE OTHER SECTION OF PLAN FOR MORE INFORMATION.



DIRECTION OF TRAVEL →
PLAN VIEW



DIRECTION OF TRAVEL →
ELEVATION VIEW

Addendum No. 01
ID 1100-15-71
Added Sheet 62B
May 27, 2015

MIDWEST GUARDRAIL SYSTEM LONG SPAN MGS (L) ONE-WAY TRAFFIC

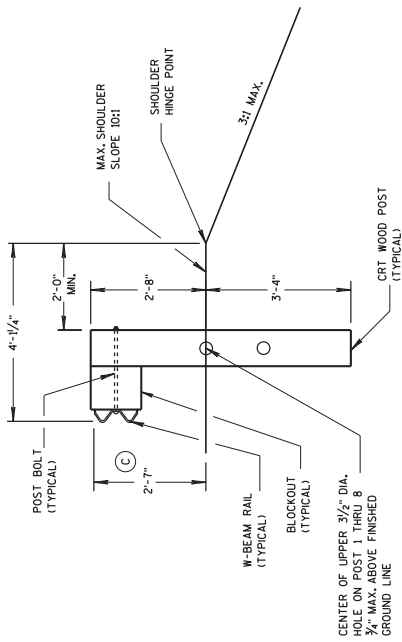
MIDWEST GUARDRAIL SYSTEM
LONG SPAN MGS (L)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

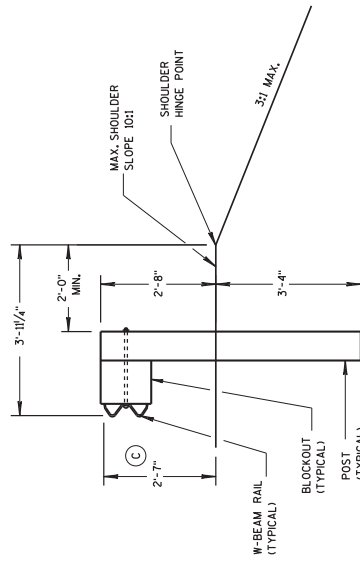
62B

GENERAL NOTES

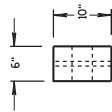
(C) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".



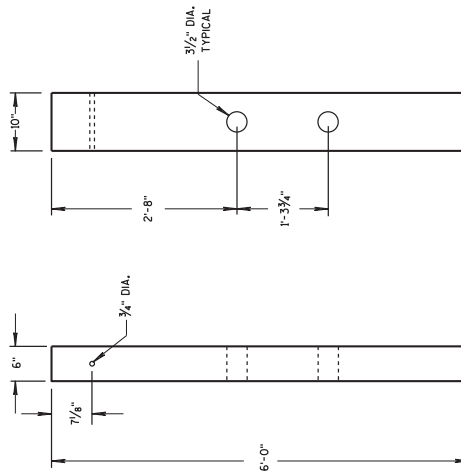
**SECTION B-B
POSTS NO. 1-3**
SEE OTHER DETAILS



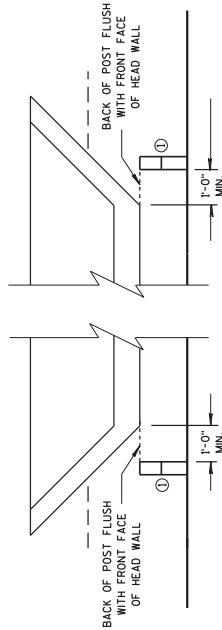
**SECTION A-A
POSTS NO. 4-8**
SEE OTHER DETAILS



PLAN VIEW



**FRONT VIEW
SIDE VIEW
CRT WOOD POST**

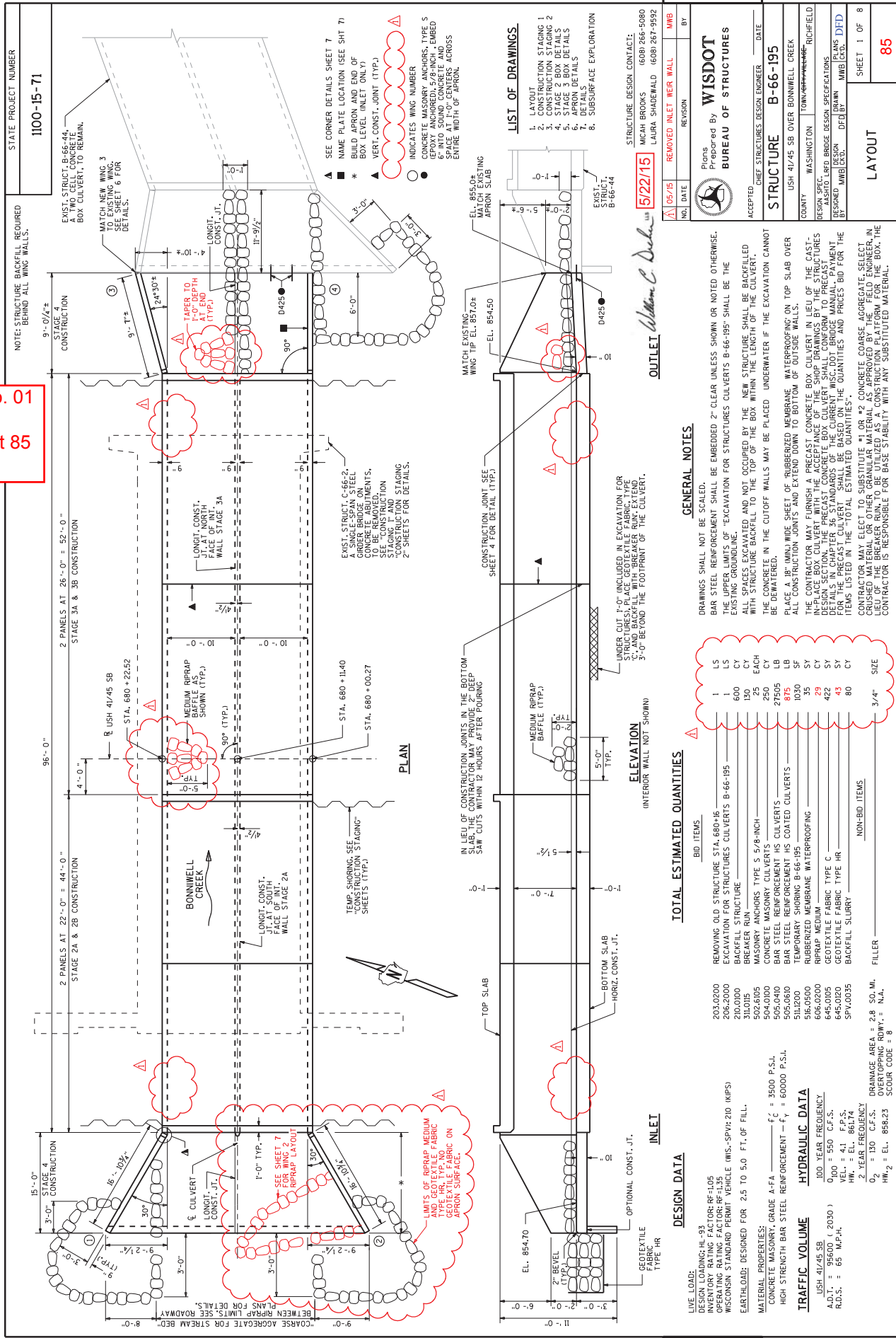


POST PLACEMENT DETAIL

Addendum No. 01
ID 1100-15-71
Added Sheet 62C
May 27, 2015

MIDWEST GUARDRAIL SYSTEM LONG SPAN MGS (L)
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED DATE 5/10/2013 /S/ JERRY H. ZOGG ROADWAY STANDARDS DEVELOPMENT ENGINEER FHWA

Addendum No. 01
ID 1100-15-71
Revised Sheet 85
May 27, 2015



STATE PROJECT NUMBER
1100-15-71

NOTE: STRUCTURE BACKFILL REQUIRED
 BEHIND ALL WING WALLS.

2 PANELS AT 22'-0" = 44'-0"
 STAGE 2A & 2B CONSTRUCTION

2 PANELS AT 26'-0" = 52'-0"
 STAGE 3A & 3B CONSTRUCTION

9'-0" / 4" ±
 CONSTRUCTION

EXIST. STRUCT. B-66-44
 A TWO CELL CONCRETE
 BOX CULVERT TO REMAIN.

WATCH NEW WING 3
 TO EXISTING WING.
 SEE SHEET 6 FOR
 DETAILS.

SEE CORNER DETAILS SHEET 7
 NAME PLATE LOCATION (SEE SH 7)
 BUILD APRON AND END OF
 BOX LEVEL (INLET ONLY)
 VERT. CONST. JOINT (TYP.)
 INDICATES WING NUMBER
 CONCRETE MASONRY ANCHORS, TYPE S
 EPOXY ANCHORED, 5/8-INCH, EMBED
 INTO EXISTING CONCRETE AT THE
 ENTIRE WIDTH OF APRON.

LIST OF DRAWINGS:
 1. INLET
 2. CONSTRUCTION STAGING 1
 3. CONSTRUCTION STAGING 2
 4. STAGE 2 BOX DETAILS
 5. STAGE 3 BOX DETAILS
 6. STAGE 3 BOX DETAILS
 7. DETAILS
 8. SUBSURFACE EXPLORATION

STRUCTURE DESIGN CONTACT:
 MEGAN BROOKS (608) 266-5080
 LAURA SHAEBAUD (608) 267-9592

REMOVED INLET WEIR WALL
 WMB
 NO. DATE REVISION BY

Plans Prepared by
WISDOT
BUREAU OF STRUCTURES

ACCEPTED
 CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-66-195
 USH 41/45 SB OVER BONNELL CREEK

COUNTY WASHINGTON TOWNSHIP BONNELL CREEK

DESIGN SPEC. WISCONSIN STANDARD PERMIT VEHICLE (MIS.-SPV:210 (MPS))

DESIGNED FOR 2.5 TO 5.0 FT. OF FILL.

MATERIAL PROPERTIES:
 CONCRETE MASONRY, GRADE A-FA
 HIGH STRENGTH BAR STEEL REINFORCEMENT - $f_y = 60000$ P.S.I.
 U.S. 41/45 SB

TRAFFIC VOLUME
 A.D.T. = 95600 (2030)
 R.D.S. = 65 M.P.H.

HYDRAULIC DATA
 100 YEAR FREQUENCY
 $Q_{100} = 550$ C.F.S.
 $VEL = 4.1$ F.P.S.
 HM. = EL. 86174

DESIGN DATA
 LIVE LOAD: HS-20
 WIND LIFTING FACTOR: PF=1.05
 OPERATING RATING FACTOR: RF=1.35
 WISCONSIN STANDARD PERMIT VEHICLE (MIS.-SPV:210 (MPS))
 EARTHLOADS: DESIGNED FOR 2.5 TO 5.0 FT. OF FILL.

CONCRETE MASONRY, GRADE A-FA
 HIGH STRENGTH BAR STEEL REINFORCEMENT - $f_y = 60000$ P.S.I.
 U.S. 41/45 SB
 A.D.T. = 95600 (2030)
 R.D.S. = 65 M.P.H.

GENERAL NOTES
 DRAWINGS SHALL NOT BE SCALED.
 BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS SHOWN OR NOTED OTHERWISE.
 THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES B-66-195" SHALL BE THE
 ALL SPACES EXCAVATED AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED
 WITH STRUCTURE BACKFILL TO THE TOP OF THE BOX WITHIN THE LENGTH OF THE CULVERT.
 THE CONCRETE IN THE CUTOFF WALLS MAY BE PLACED UNDERWATER IF THE EXCAVATION CANNOT
 BE DEWATERED.
 PLACE A 18" (MIN) WIDE SHEET OF RUBBERIZED MEMBRANE WATERPROOFING ON TOP SLAB OVER
 ALL CONSTRUCTION JOINTS AND EXTEND DOWN TO BOTTOM OF OUTSIDE WALLS.
 THE CONTRACTOR MAY FURNISH THE PRECAST CONCRETE BOX CULVERT IN LIEU OF THE CAST-
 IN-PLACE BOX CULVERT WITH THE ACCEPTANCE OF THE SHOP DRAWINGS BY THE STRUCTURES
 DIVISION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE CURRENT WISDOT BRIDGE MANUAL PAYMENT
 DETAILS IN CHAPTER 36 STANDARDS OF THE CURRENT WISDOT BRIDGE MANUAL. PAYMENT
 FOR THE PRECAST CULVERT SHALL BE BASED ON THE QUANTITIES AND PRICES BID FOR THE
 ITEMS LISTED IN THE TOTAL ESTIMATED QUANTITIES.
 CONTRACTOR MAY ELECT TO SUBSTITUTE #1 OR #2 CONCRETE COURSE AGGREGATE, SELECTED
 IN ACCORDANCE WITH WISDOT BRIDGE MANUAL, IN LIEU OF THE STANDARD #1 OR #2 CONCRETE COURSE
 AGGREGATE. THE CONTRACTOR IS RESPONSIBLE FOR BASE STABILIZATION WITH ANY SUBSTITUTED MATERIAL.

UNDER CUT 1'-0" INCLUDED IN EXCAVATION FOR
 STRUCTURES. PLACE GEOTEXTILE FABRIC TYPE
 AND BACKFILL WITH BREAKER RUN EXTENDING
 3'-0" BEHIND THE FOOTPRINT OF THE CULVERT.

EXIST. STRUCT. C-66-2,
 ANGLE-SPAN STEEL
 CONCRETE ABUTMENTS,
 TO BE REMOVED.
 CONSTRUCTION STAGING
 1 AND
 2 SHEETS FOR DETAILS.

CONSTRUCTION JOINT SEE
 SHEET 4 FOR DETAIL (TYP.)

EL. 854.50
 MATCH EXISTING
 WING (IF EL. 851.00+)

EL. 854.70
 MATCH EXISTING
 APRON SLAB

EL. 854.70
 MATCH EXISTING
 APRON SLAB

EL. 854.70
 MATCH EXISTING
 APRON SLAB

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 OPERATING RATING FACTOR: RF=1.35
 WISCONSIN STANDARD PERMIT VEHICLE (MIS.-SPV:210 (MPS))
 EARTHLOADS: DESIGNED FOR 2.5 TO 5.0 FT. OF FILL.

MATERIAL PROPERTIES:
 CONCRETE MASONRY, GRADE A-FA
 HIGH STRENGTH BAR STEEL REINFORCEMENT - $f_y = 60000$ P.S.I.
 U.S. 41/45 SB

TRAFFIC VOLUME
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 R.D.S. = 65 M.P.H.

HYDRAULIC DATA
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 $VEL = 4.1$ F.P.S.
 HM. = EL. 86174

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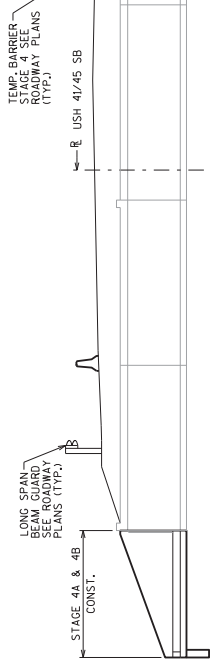
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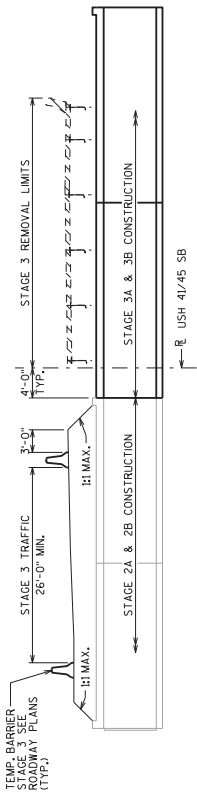
STATE PROJECT NUMBER

1100-15-71



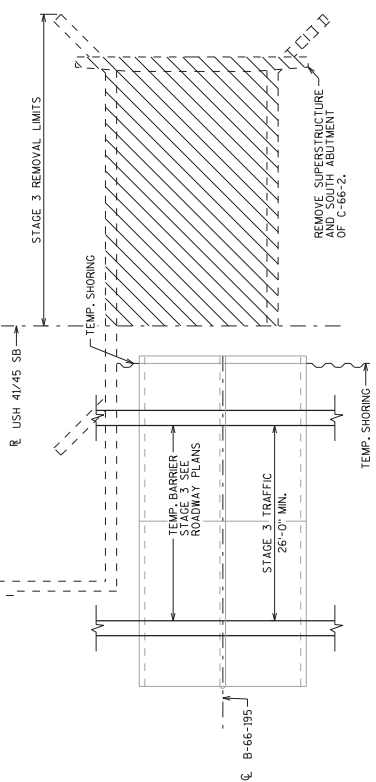
ELEVATION STAGE 4

SHOWING STAGE 4A & 4B CONSTRUCTION AND FINAL ROADWAY (LOOKING NORTH)



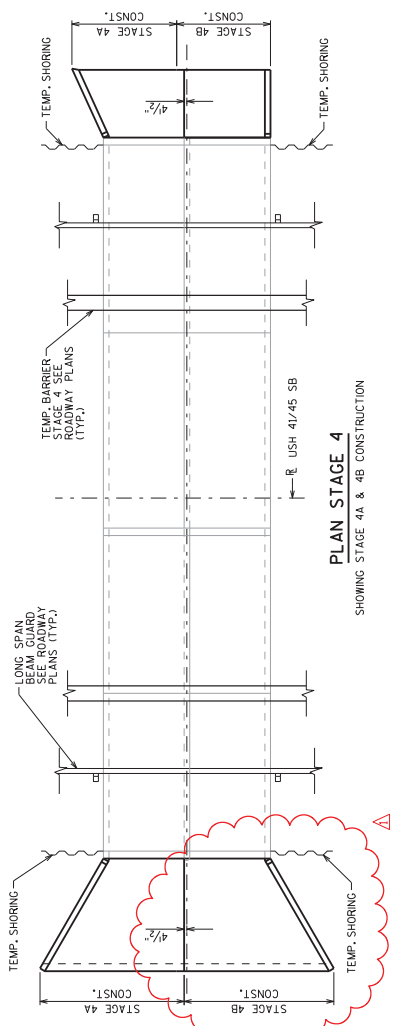
ELEVATION STAGE 3

SHOWING STAGE 3A AND 3B CONSTRUCTION AND FINAL ROADWAY (LOOKING NORTH)



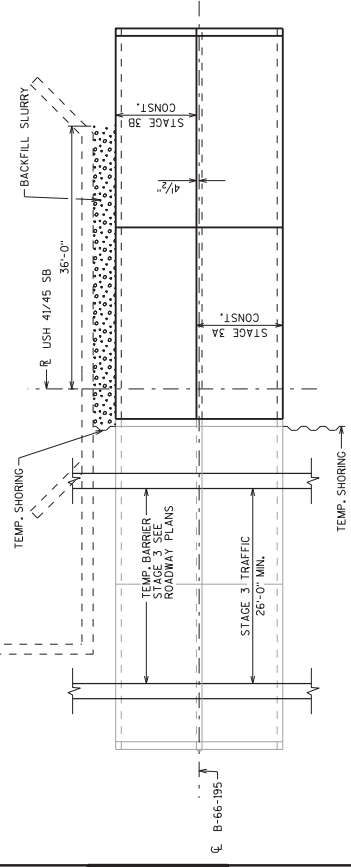
PLAN STAGE 3

SHOWING FINAL REMOVAL OF C-66-2



PLAN STAGE 4

SHOWING STAGE 4A & 4B CONSTRUCTION



PLAN STAGE 3

SHOWING STAGE 3A & 3B CONSTRUCTION OF B-66-195

8

8

REMOVED INLET WEIR WALL

NO. DATE REVISION BY

05/15

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

STRUCTURES DESIGN SECTION

STRUCTURE B-66-195

DRAWN BY MMB

PLANS C.C.P. DFD

CONSTRUCTION

STAGING 2

SHEET 3

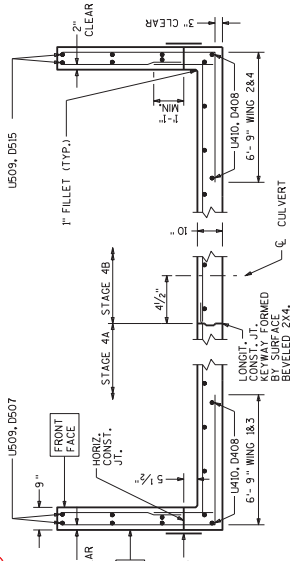
87

Addendum No. 01
 ID 1100-15-71
 Revised Sheet 87
 May 27, 2015

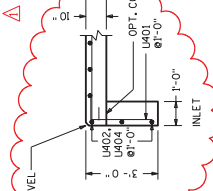
William C. DeLuca 15/22/15

SCALE = 8

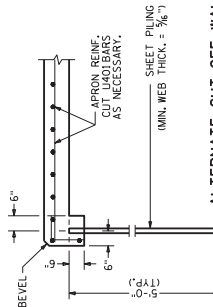
▲ 6" REINFORCED MEMBRANES SHALL BE PROOFING PLACE ALONG HORIZ. CONST. JT. FOR ENTIRE WING LENGTH (TYP.). U509, D507



SECTION THRU WINGS
AT RIGHT ANGLES TO WING WALLS



CUT-OFF WALLS
SECTION THRU THE WALLS



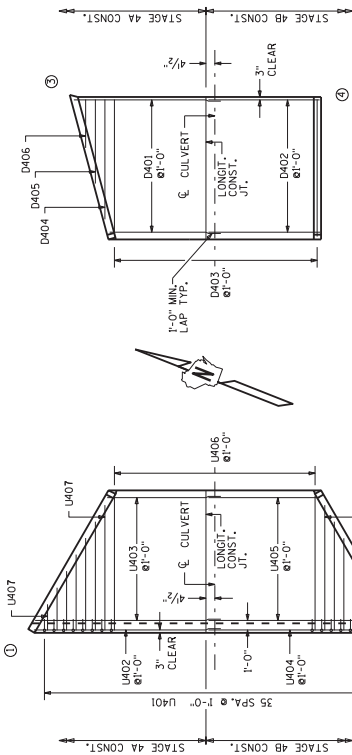
ALTERNATE CUT-OFF WALLS
THE ABOVE ALT. MAY BE USED IN LIEU OF THE CAST-IN-PLACE CONC. CUT-OFF WALL. PAYMENT WILL BE BASED ON THE CONC. CUT-OFF WALL.

NO.	DATE	REVISION	BY
05/15		REMOVED INLET WER WALL	MMB

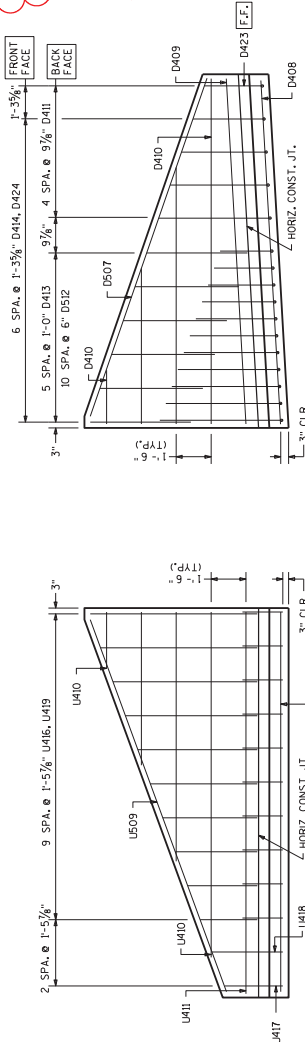
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION
STRUCTURE B-66-195
DRAWN BY MMB
CHECKED BY DFD

APRON
DETAILS
SHEET 6
90

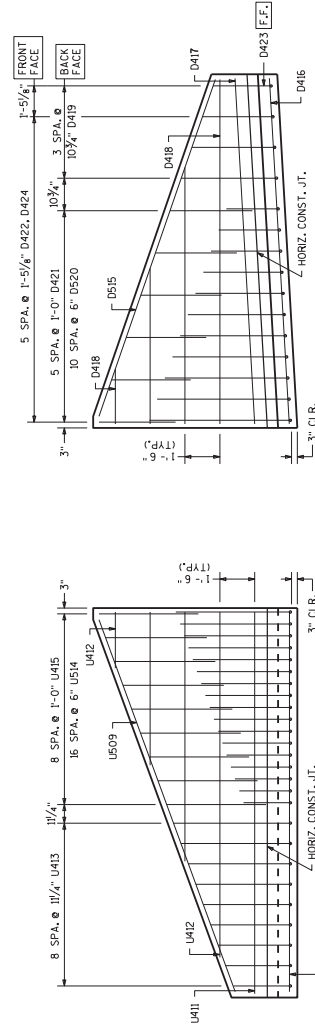
Addendum No. 01
ID 1100-15-71
Revised Sheet 90
May 27, 2015



APRON REIN.



WING 1 & 2
SHOWING FRONT FACE



WING 3
WING 4

William C. Decker, Inc. 5/22/15

BILL OF BARS

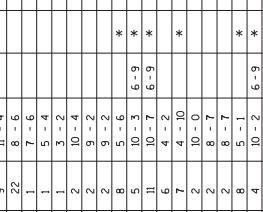
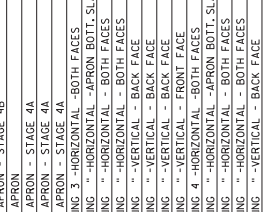
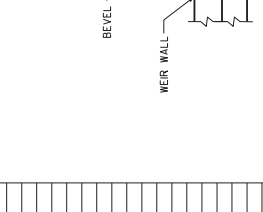
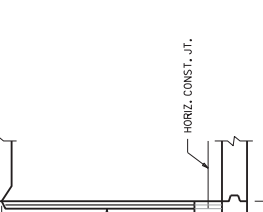
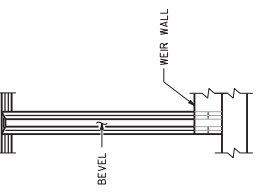
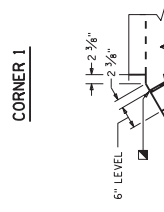
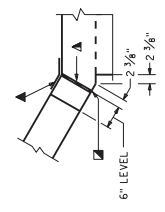
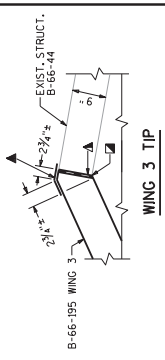
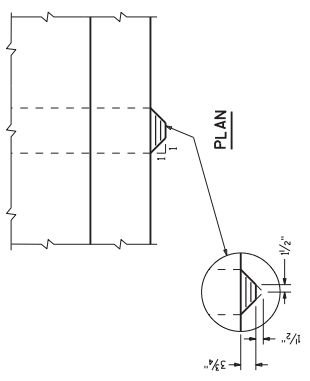
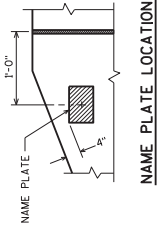
THE FIRST DIGIT OF THE BAR MARK SIGNIFIES THE BAR SIZE. THE DIMENSION IN THE BENT COLUMN IS THE OUT TO OUT HORIZONTAL LEG OF AN L - SHAPED BAR.

BAR MARK	COAT	NO. REOD.	LENGTH	BENT	BAR SERIES	LOCATION
LA01		36	3 - 6	1 - 0		INLET APRON AND CUTOFF WALL - STAGE 4A
LA02		3	19 - 8		*	INLET APRON AND CUTOFF WALL - STAGE 4A
LA03		14	15 - 10		*	" APRON - STAGE 4A
LA04		3	19 - 4		*	" APRON AND CUTOFF WALL - STAGE 4B
LA05		14	15 - 5		*	" APRON - STAGE 4B
LA06		22	14 - 6		*	" APRON - STAGE 4A
LA07		7	8 - 7		*	" APRON - STAGE 4A
LA08		7	6 - 7		*	" APRON - STAGE 4B
LA09		4	17 - 3		*	WINGS LAND 2 - HORIZONTAL - BOTH FACES
LA10		4	16 - 5		*	WINGS -- HORIZONTAL - APRON BOTT. SLAB
LA11		4	16 - 5		*	WINGS -- HORIZONTAL - BOTH FACES
LA12		16	10 - 11		*	WINGS -- HORIZONTAL - BOTH FACES
LA13	X	18	10 - 7	6 - 9	*	WINGS -- VERTICAL - BACK FACE
LA14	X	18	10 - 2	6 - 9	*	WINGS -- VERTICAL - BACK FACE
LA15		18	10 - 2	6 - 9	*	WINGS -- VERTICAL - BACK FACE
LA16		20	4 - 11		*	WINGS -- VERTICAL - FRONT FACE
LA17	X	2	2 - 6		*	WINGS -- DOMELS - E.F. WING TIP
LA18	X	2	3 - 0		*	WINGS -- DOMELS - E.F. WING TIP
LA19	X	20	2 - 2		*	WINGS -- DOMELS - FRONT FACE
DA01		9	13 - 10		*	OUTLET APRON - STAGE 4A
DA02		9	11 - 4		*	" APRON - STAGE 4B
DA03		22	8 - 6		*	" APRON - STAGE 4A
DA04		1	7 - 6		*	" APRON - STAGE 4A
DA05		1	5 - 4		*	" APRON - STAGE 4A
DA06		2	10 - 4		*	" APRON - STAGE 4A
DA07		2	10 - 4		*	" APRON - STAGE 4A
DA08		2	9 - 2		*	WING 3 - HORIZONTAL - BOTH FACES
DA09		2	9 - 2		*	WING -- HORIZONTAL - BOTH FACES
DA10		8	5 - 6		*	WING -- HORIZONTAL - BOTH FACES
DA11	X	10	3 - 2	6 - 9	*	WING -- VERTICAL - BACK FACE
DA12	X	10	3 - 2	6 - 9	*	WING -- VERTICAL - BACK FACE
DA13	X	6	4 - 2		*	WING -- VERTICAL - BACK FACE
DA14		7	4 - 10		*	WING -- VERTICAL - FRONT FACE
DA15		2	10 - 0		*	WING 4 - HORIZONTAL - BOTH FACES
DA16		2	8 - 7		*	WING -- HORIZONTAL - APRON BOTT. SLAB
DA17		2	8 - 7		*	WING -- HORIZONTAL - BOTH FACES
DA18		8	5 - 1		*	WING -- HORIZONTAL - BOTH FACES
DA19	X	4	10 - 2	6 - 9	*	WING -- VERTICAL - BACK FACE
DA20	X	11	10 - 9	6 - 9	*	WING -- VERTICAL - BACK FACE
DA21		6	3 - 11		*	WING -- VERTICAL - BACK FACE
DA22		6	4 - 11		*	WING -- VERTICAL - FRONT FACE
DA23	X	2	2 - 7		*	WINGS 3 AND 4 - VERTICAL - FRONT FACE
DA24	X	13	2 - 2		*	WINGS 3 AND 4 - DOMELS - FRONT FACE
DA25		25	2 - 6		*	OUTLET APRON ANCHORS TO B-66-4A

* LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

BAR SERIES TABLE BUNDLE AND TAG EACH SERIES SEPARATELY

BAR MARK	NO. REOD.	LENGTHS FOR EACH SERIES
LA03	1 SERIES OF 14	12 - 1 TO 19 - 7
LA05	1 SERIES OF 7	11 - 8 TO 13 - 2
LA06	1 SERIES OF 7	3 - 4 TO 13 - 9
LA08	1 SERIES OF 4	2 - 9 TO 15 - 0
LA13	2 SERIES OF 17	9 - 2 TO 11 - 11
LA14	2 SERIES OF 17	9 - 3 TO 12 - 1
LA16	2 SERIES OF 9	12 - 0 TO 15 - 8
DA01	1 SERIES OF 4	1 - 9 TO 9 - 2
DA02	1 SERIES OF 5	9 - 2 TO 11 - 4
DA03	1 SERIES OF 11	8 - 11 TO 12 - 2
DA04	2 SERIES OF 4	2 - 4 TO 7 - 3
DA05	1 SERIES OF 4	1 - 7 TO 8 - 7
DA06	1 SERIES OF 4	9 - 3 TO 11 - 1
DA07	1 SERIES OF 11	9 - 0 TO 12 - 6
DA22	1 SERIES OF 6	2 - 5 TO 7 - 4



▲ 3/4" FILLER TYPICAL. EXTEND FILLER FROM HORIZ. CONST. JT. TO TOP OF WING.
 ▲ 1" BEVEL TYPICAL.
 ▲ 18" ENBERGED MEMBRANE WATER PROOFING EXTEND FROM HORIZ. CONST. JT. TO TOP OF WALL.

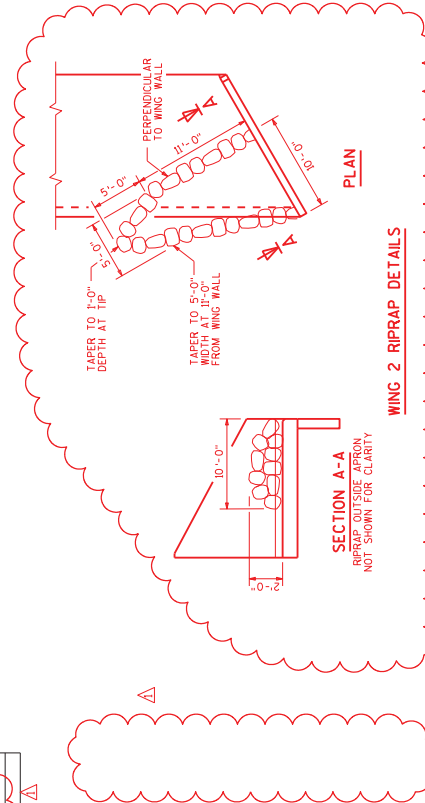
CORNER DETAILS

CORNER 2

INLET NOSE DETAILS

SECTION

ELEVATION



Addendum No. 01
ID 1100-15-71
Revised Sheet 91
May 27, 2015

William C. Decker
5/22/15

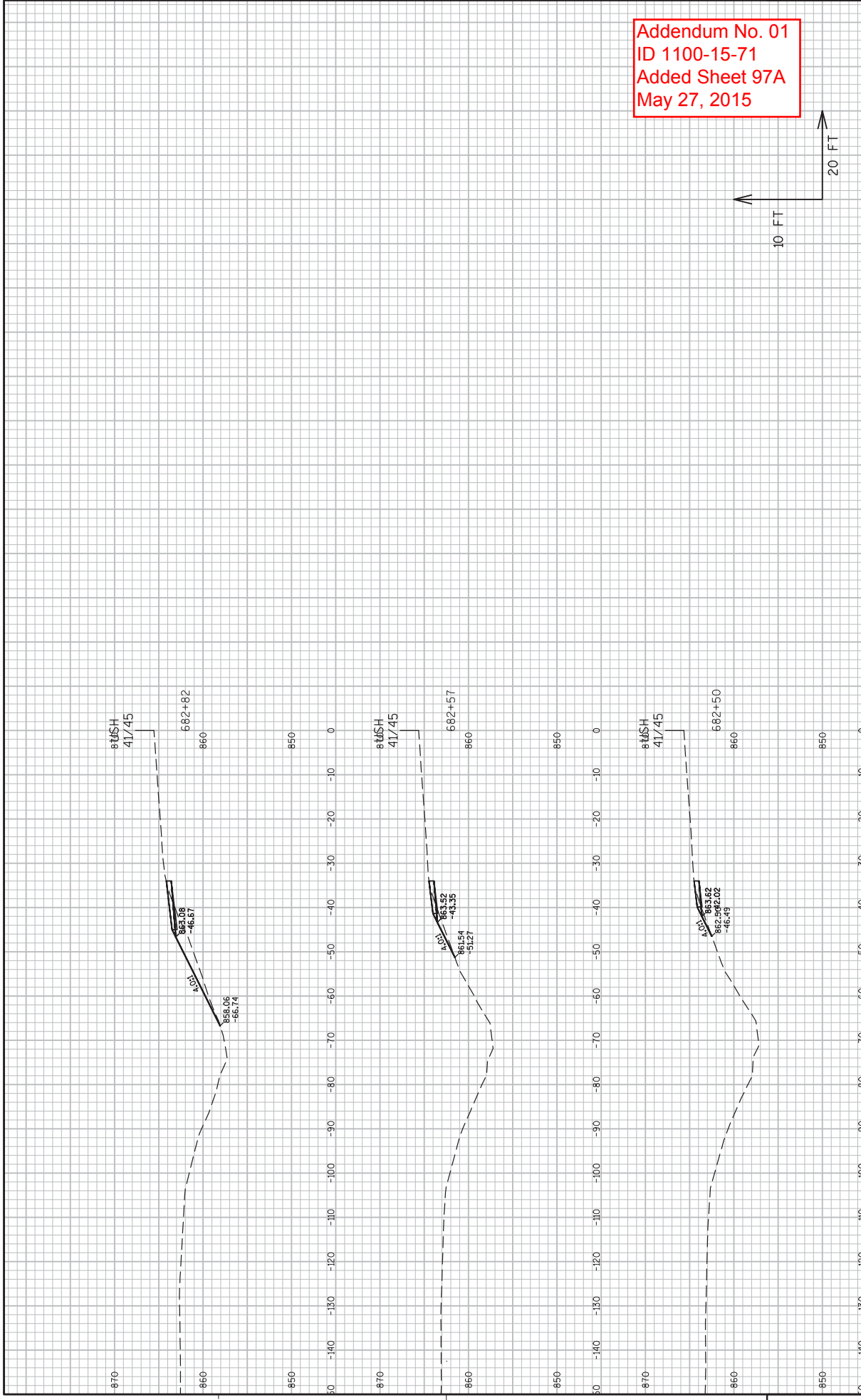
NO. DATE	REVISION	BY
05/15	REMOVED INLET WEIR WALL	MMB

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION
STRUCTURE B-66-195
DRAWN BY: MMB
CHECKED BY: DFD

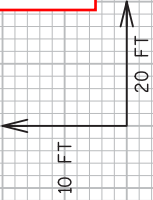
DETAILS

SHEET 7

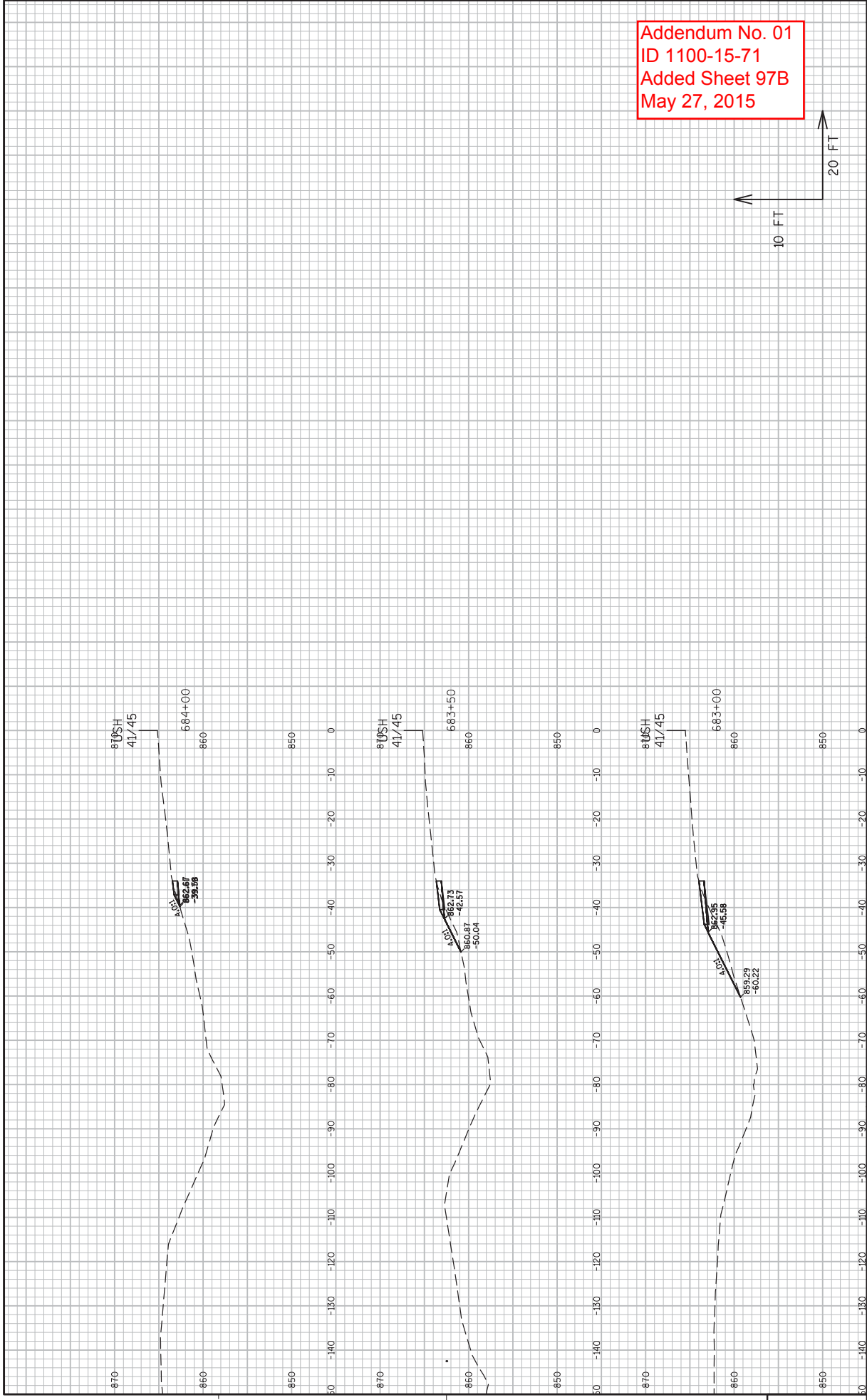
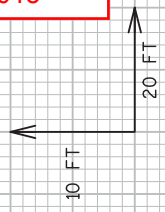
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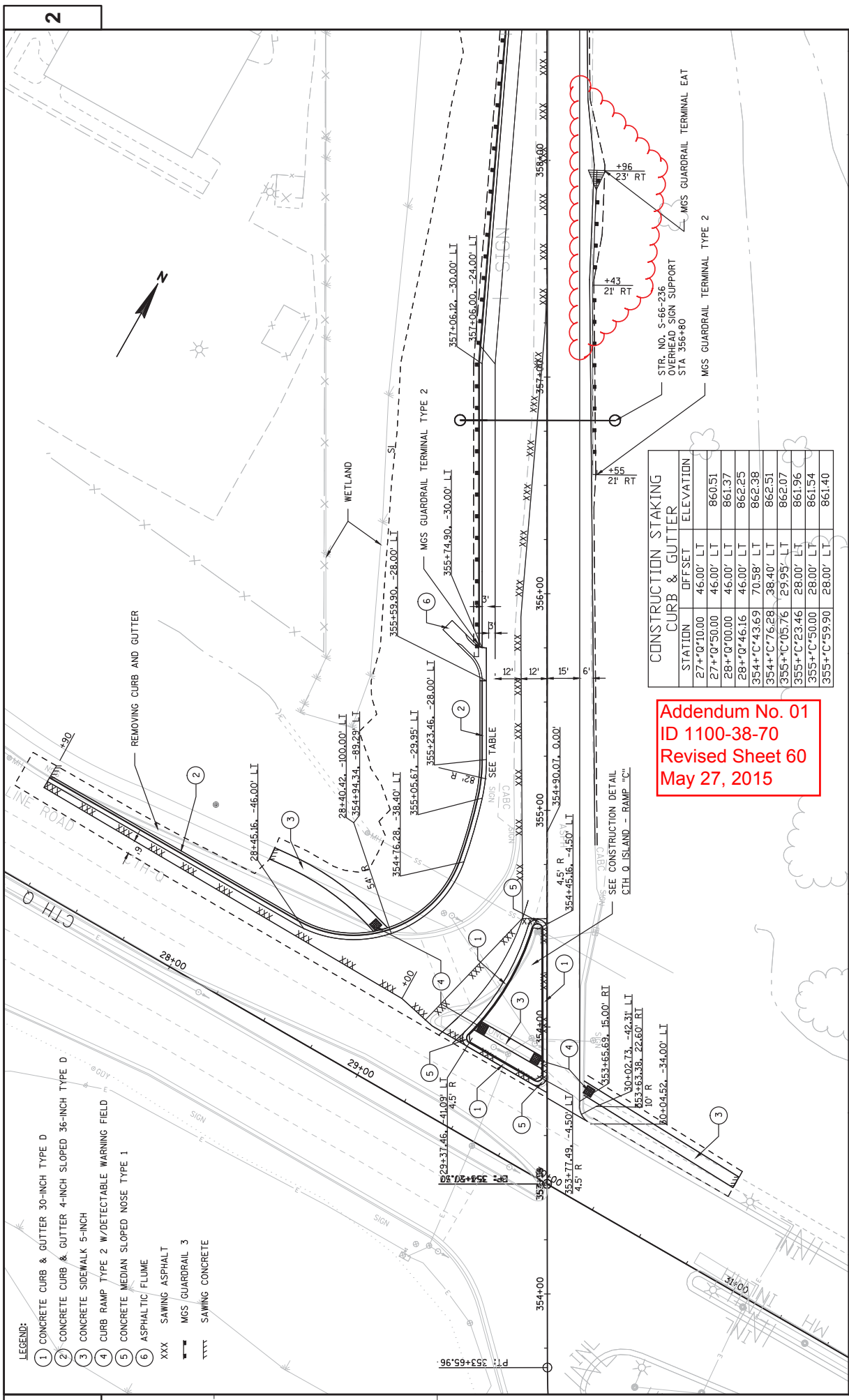


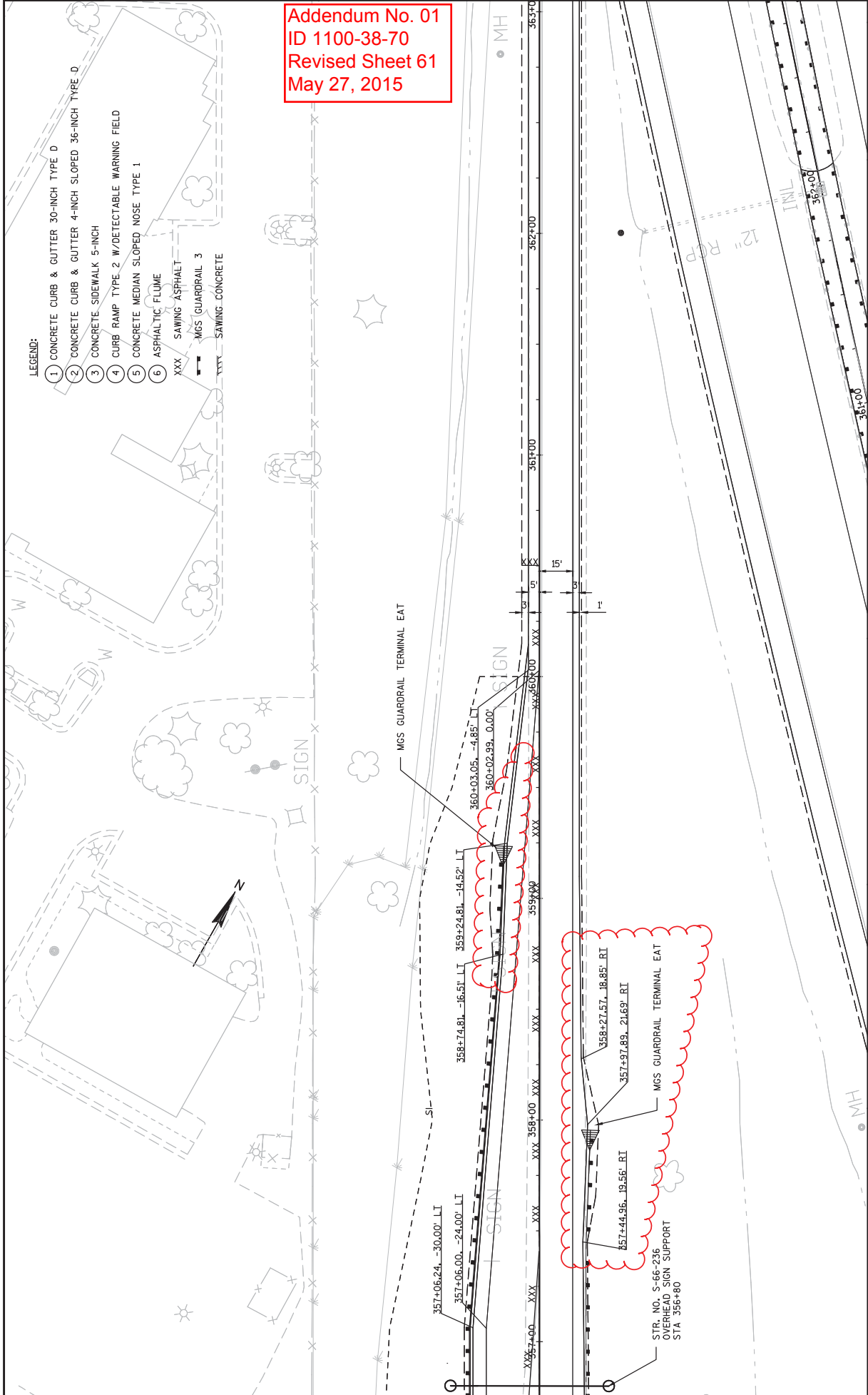
Addendum No. 01
 ID 1100-15-71
 Added Sheet 97A
 May 27, 2015



Addendum No. 01
ID 1100-15-71
Added Sheet 97B
May 27, 2015





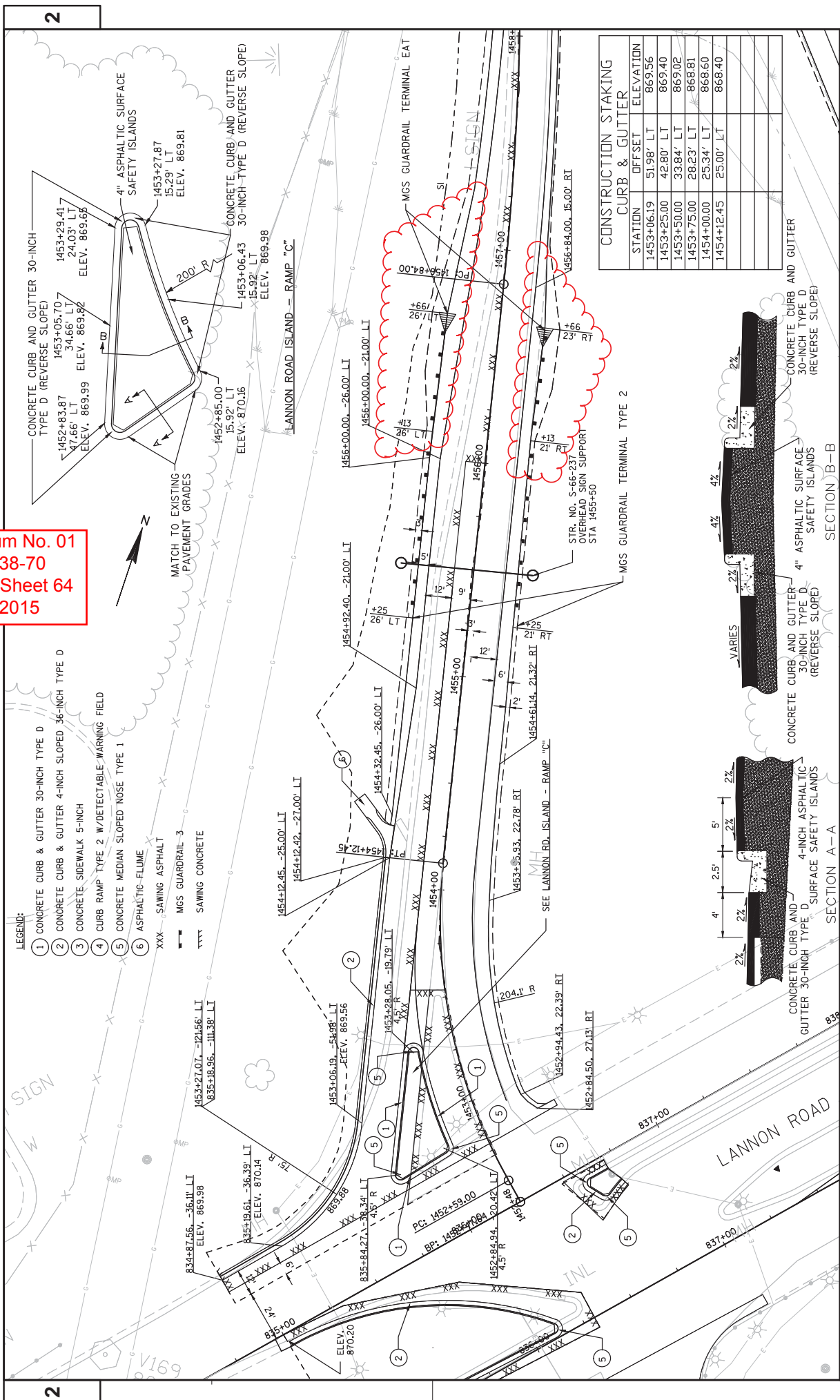


Addendum No. 01
 ID 1100-38-70
 Revised Sheet 61
 May 27, 2015

LEGEND:

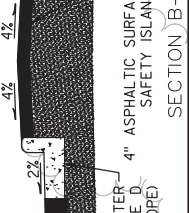
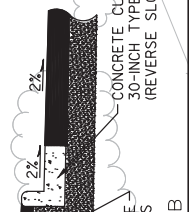
- ① CONCRETE CURB & GUTTER 30-INCH TYPE D
- ② CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- ③ CONCRETE SIDEWALK 5-INCH
- ④ CURB RAMP TYPE 2 W/DETECTABLE WARNING FIELD
- ⑤ CONCRETE MEDIAN SLOPED NOSE TYPE 1
- ⑥ ASPHALTIC FLUME
- XXX SAWING ASPHALT
- MGS GUARDRAIL 3
- XXX SAWING CONCRETE

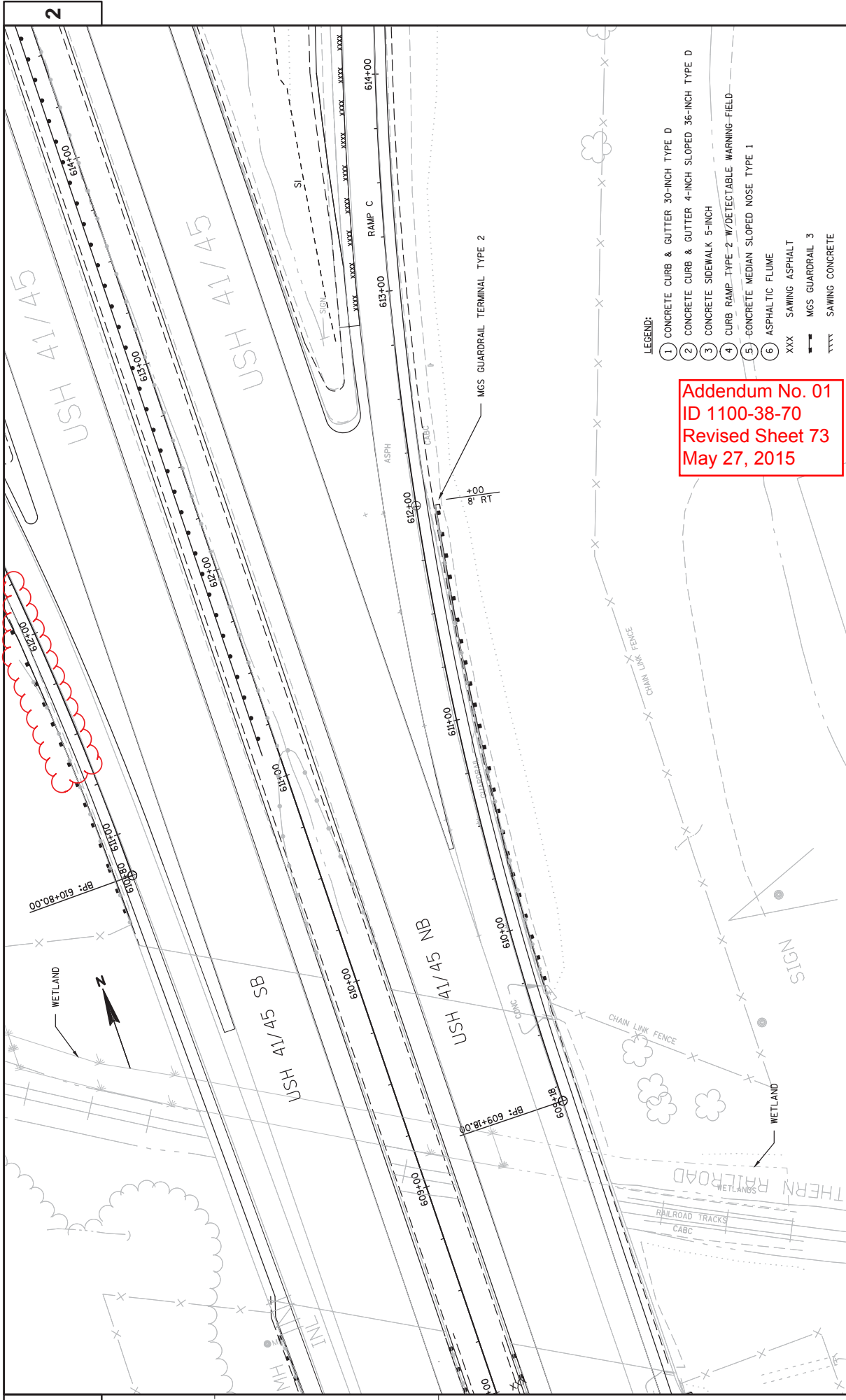
Addendum No. 01
ID 1100-38-70
Revised Sheet 64
May 27, 2015



CONSTRUCTION STAKING CURB & GUTTER

STATION	OFFSET	ELEVATION
1453+06.19	51.98' LT	869.56
1453+25.00	42.80' LT	869.40
1453+50.00	33.84' LT	869.02
1453+75.00	28.23' LT	868.81
1454+00.00	25.34' LT	868.60
1454+12.45	25.00' LT	868.40



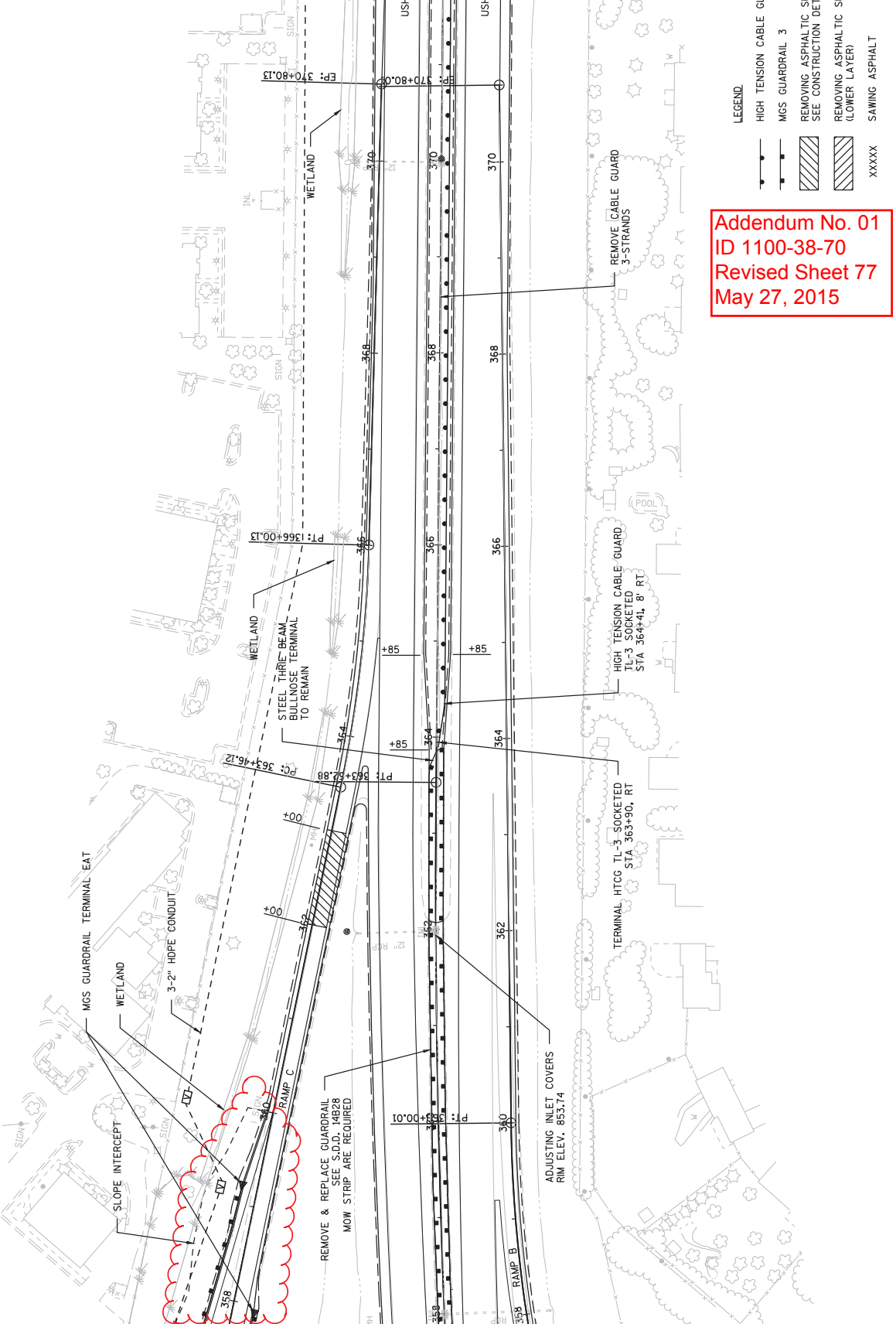


2

2

- LEGEND:**
- ① CONCRETE CURB & GUTTER 30-INCH TYPE D
 - ② CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
 - ③ CONCRETE SIDEWALK 5-INCH
 - ④ CURB RAMP TYPE 2 W/DETECTABLE WARNING FIELD
 - ⑤ CONCRETE MEDIAN SLOPED NOSE TYPE 1
 - ⑥ ASPHALTIC FLUME
 - XXX SAWING ASPHALT
 - MGS GUARDRAIL 3
 - SAWING CONCRETE

Addendum No. 01
ID 1100-38-70
Revised Sheet 73
May 27, 2015



Addendum No. 01
ID 1100-38-70
Revised Sheet 77
May 27, 2015

- LEGEND**
- HIGH TENSION CABLE GUARD (3 STRAND)
 - MGS GUARDRAIL 3
 - ▨ REMOVING ASPHALTIC SURFACE MILLING
SEE CONSTRUCTION DETAILS
 - ▨ REMOVING ASPHALTIC SURFACE BUTT JOINTS
(LOWER LAYER)
 - XXXXX SAWING ASPHALT

2

2

PROJECT NO: 1100-38-70

HWY: USH 41/45

COUNTY: WASHINGTON

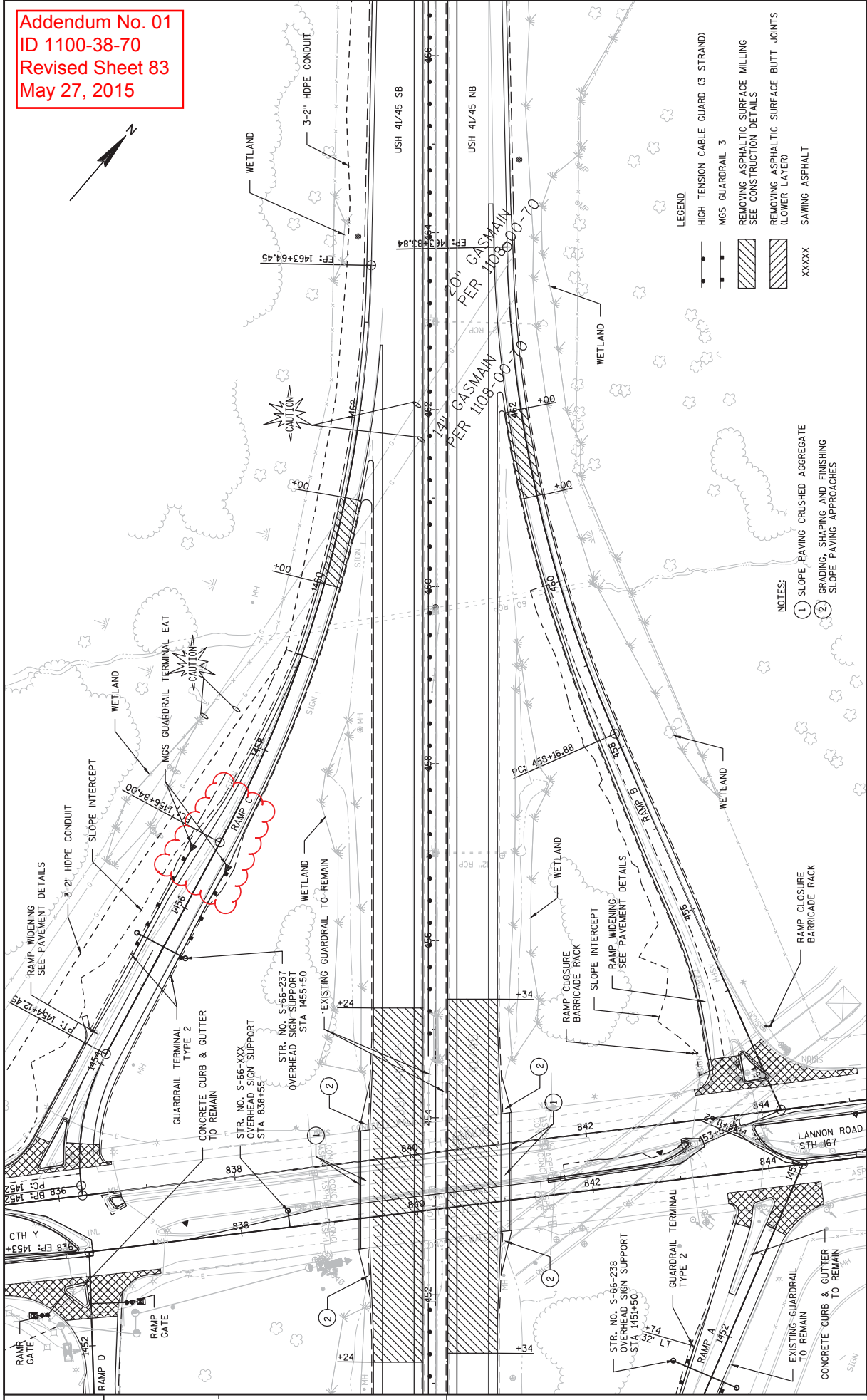
PLAN DETAIL

SHEET 77

E

FILE NAME: I:\N:\P\OS\GSD\CAD\11003800\021203-PO.DWG
 PLOT DATE: 15/06/2015 5:00 PM
 PLOT BY: FERK, ANDREW C
 PLOT NAME: I:\N:\P\OS\GSD\CAD\11003800\021203-PO.DWG
 PLOT SCALE: 1" = 100' XREF
 WISDOT/CADD/SHEET 42

Addendum No. 01
 ID 1100-38-70
 Revised Sheet 83
 May 27, 2015



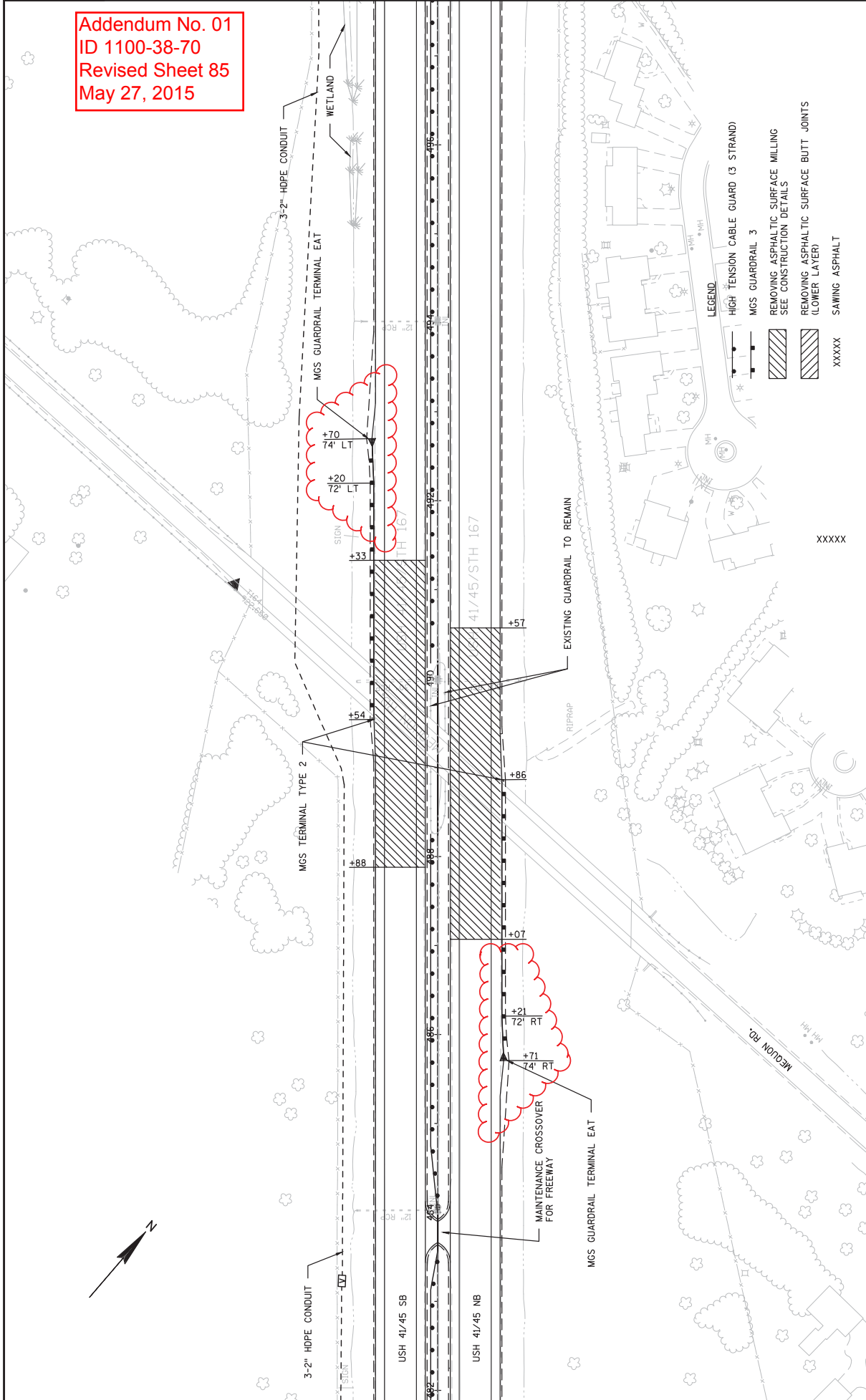
- LEGEND**
- HIGH TENSION CABLE GUARD (3 STRAND)
 - MCS GUARDRAIL 3
 - ▨ REMOVING ASPHALTIC SURFACE MILLING SEE CONSTRUCTION DETAILS
 - ▨ REMOVING ASPHALTIC SURFACE BUTT JOINTS (LOWER LAYER)
 - XXXXX SAWING ASPHALT

- NOTES:**
- ① SLOPE PAVING CRUSHED AGGREGATE
 - ② GRADING, SHAPING AND FINISHING SLOPE PAVING APPROACHES

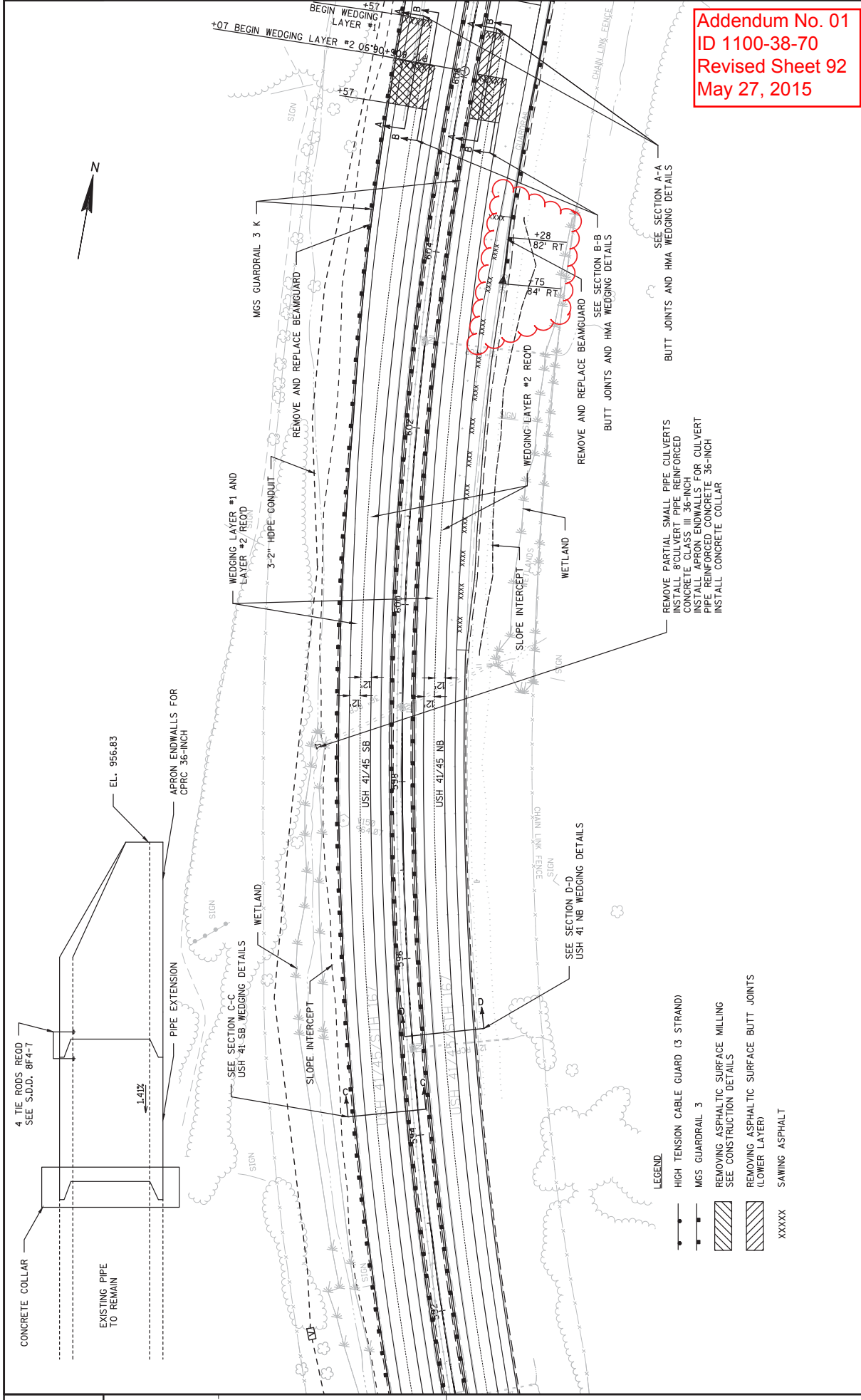
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2

Addendum No. 01
ID 1100-38-70
Revised Sheet 85
May 27, 2015



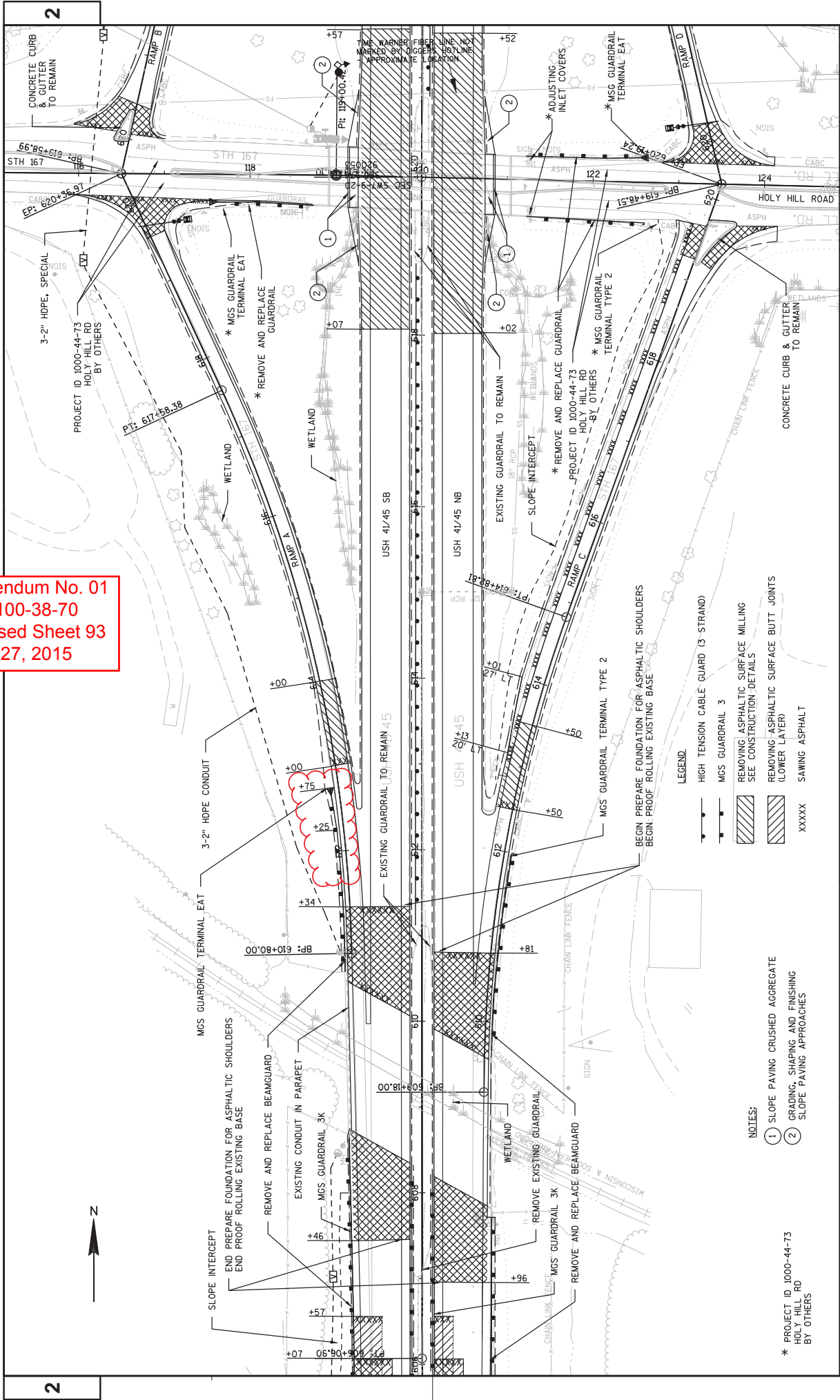
- LEGEND**
- HIGH TENSION CABLE GUARD (3 STRAND)
 - MGS GUARDRAIL 3
 - REMOVING ASPHALTIC SURFACE MILLING
SEE CONSTRUCTION DETAILS
 - REMOVING ASPHALTIC SURFACE BUTT JOINTS
(LOWER LAYER)
 - XXXXXX SAWING ASPHALT



Addendum No. 01
 ID 1100-38-70
 Revised Sheet 92
 May 27, 2015

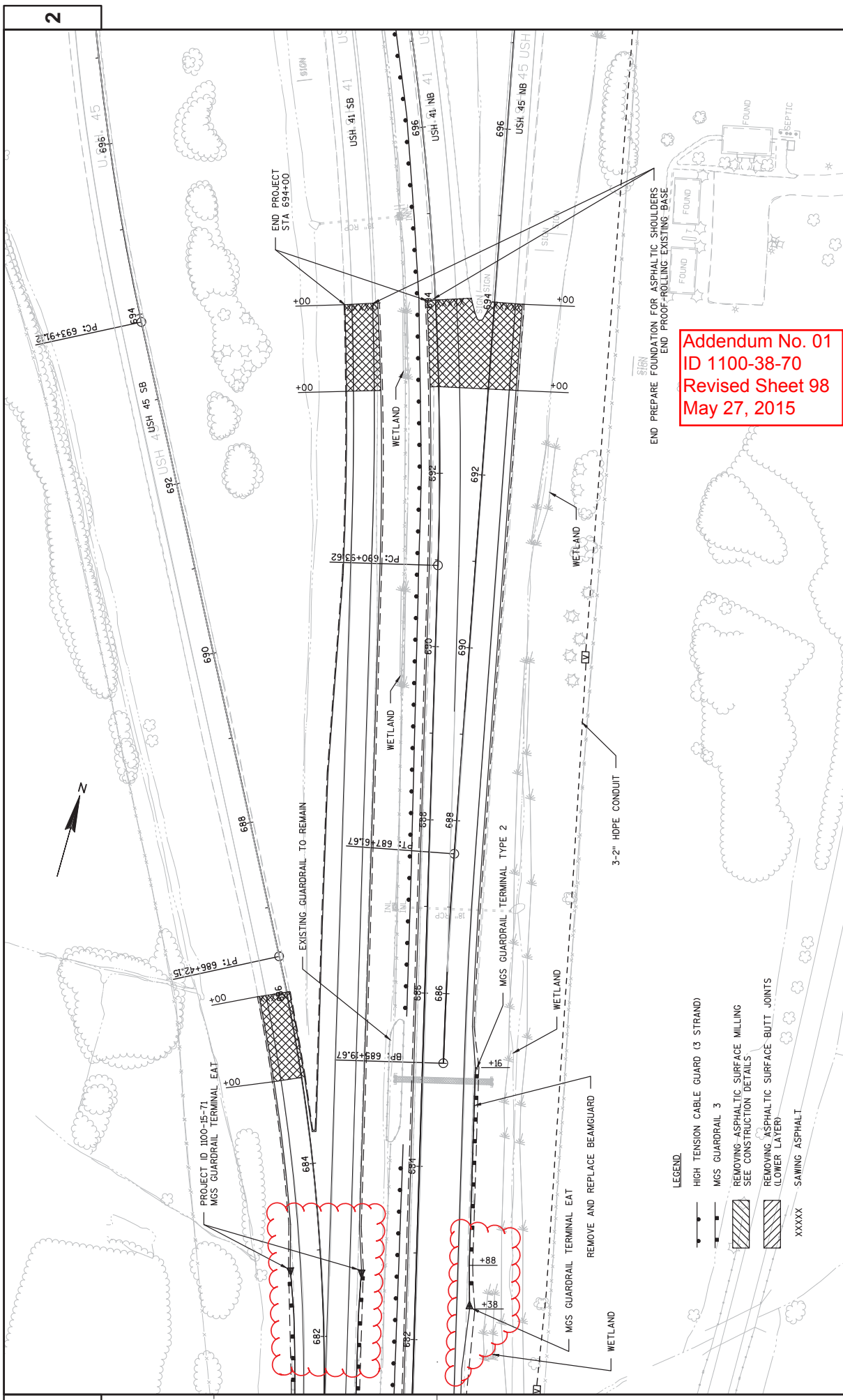
- LEGEND.**
- HIGH TENSION CABLE GUARD (3 STRAND)
 - MGS GUARDRAIL 3
 - ▨ REMOVING ASPHALTIC SURFACE MILLING
SEE CONSTRUCTION DETAILS
 - ▨ REMOVING ASPHALTIC SURFACE BUTT JOINTS
(LOWER LAYER)
 - XXXXX SAWING ASPHALT

Addendum No. 01
 ID 1100-38-70
 Revised Sheet 93
 May 27, 2015



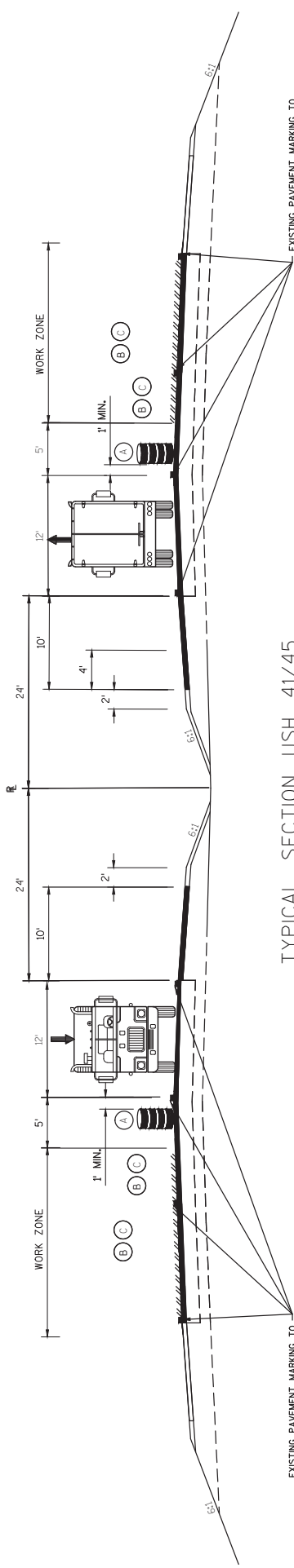
- NOTES:**
- ① SLOPE PAVING CRUSHED AGGREGATE
 - ② GRADING, SHAPING AND FINISHING SLOPE PAVING APPROACHES
- LEGEND:**
- HIGH TENSION CABLE GUARD (3 STRAND)
 - MGS GUARDRAIL 3
 - ▨ REMOVING ASPHALTIC SURFACE MILLING SEE CONSTRUCTION DETAILS
 - ▨ REMOVING ASPHALTIC SURFACE BUTT JOINTS (LOWER LAYER)
 - XXXX SAMING ASPHALT

* PROJECT ID 1000-44-73
 HOLY HILL RD
 BY OTHERS



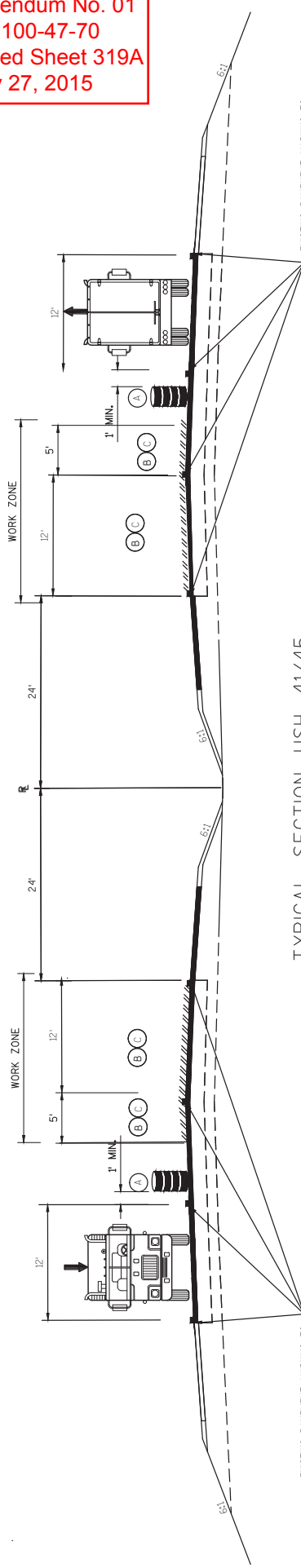
Addendum No. 01
 ID 1100-38-70
 Revised Sheet 98
 May 27, 2015

- LEGEND**
- HIGH TENSION CABLE GUARD (3 STRAND)
 - MGS GUARDRAIL 3
 - ▨ REMOVING ASPHALTIC SURFACE MILLING
SEE CONSTRUCTION DETAILS
 - ▨ REMOVING ASPHALTIC SURFACE BUTT JOINTS
(LOWER LAYER)
 - XXXXX SAMING ASPHALT



TYPICAL SECTION USH 41/45
 TRAFFIC CONTROL - OUTSIDE DUAL-LANE CLOSURE REQUIRED
 STA. 574+45 TO STA. 613+00

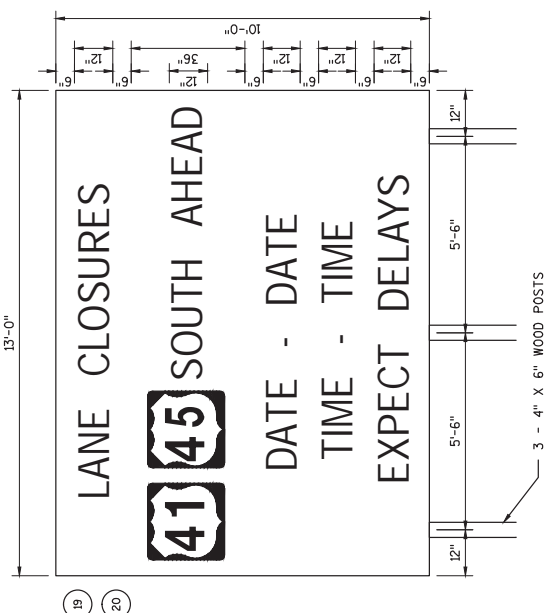
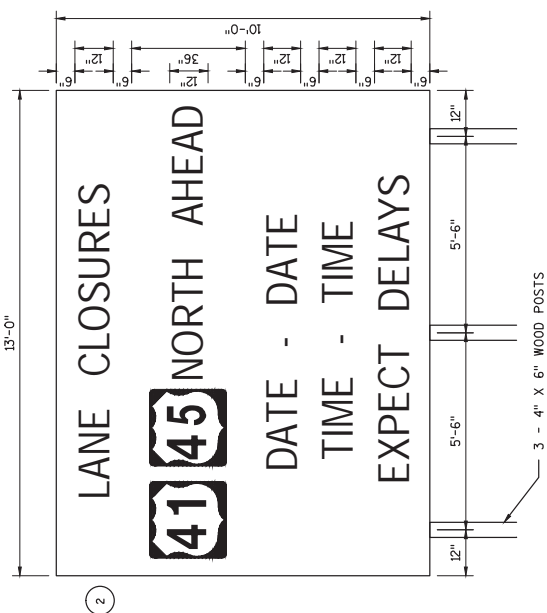
Addendum No. 01
 ID 1100-47-70
 Added Sheet 319A
 May 27, 2015



TYPICAL SECTION USH 41/45
 TRAFFIC CONTROL - INSIDE DUAL-LANE CLOSURE REQUIRED
 STA. 574+45 TO STA. 613+00

LEGEND:
 /// RESIN BINDER HIGH FRICTION SURFACE TREATMENT WORK OPERATIONS

- MAINLINE USH 41 STAGING NOTES:
- STAGE 1 & 2: NORTHBOUND AND SOUTHBOUND.
 - (A) SET UP TRAFFIC CONTROL PER SDD'S (SEE ALLOWED LANE CLOSURE HOURS).
 - (B) PLACE RESIN BINDER HIGH FRICTION SURFACE TREATMENT.
 - (C) PLACE PERMANENT PAVEMENT MARKING.



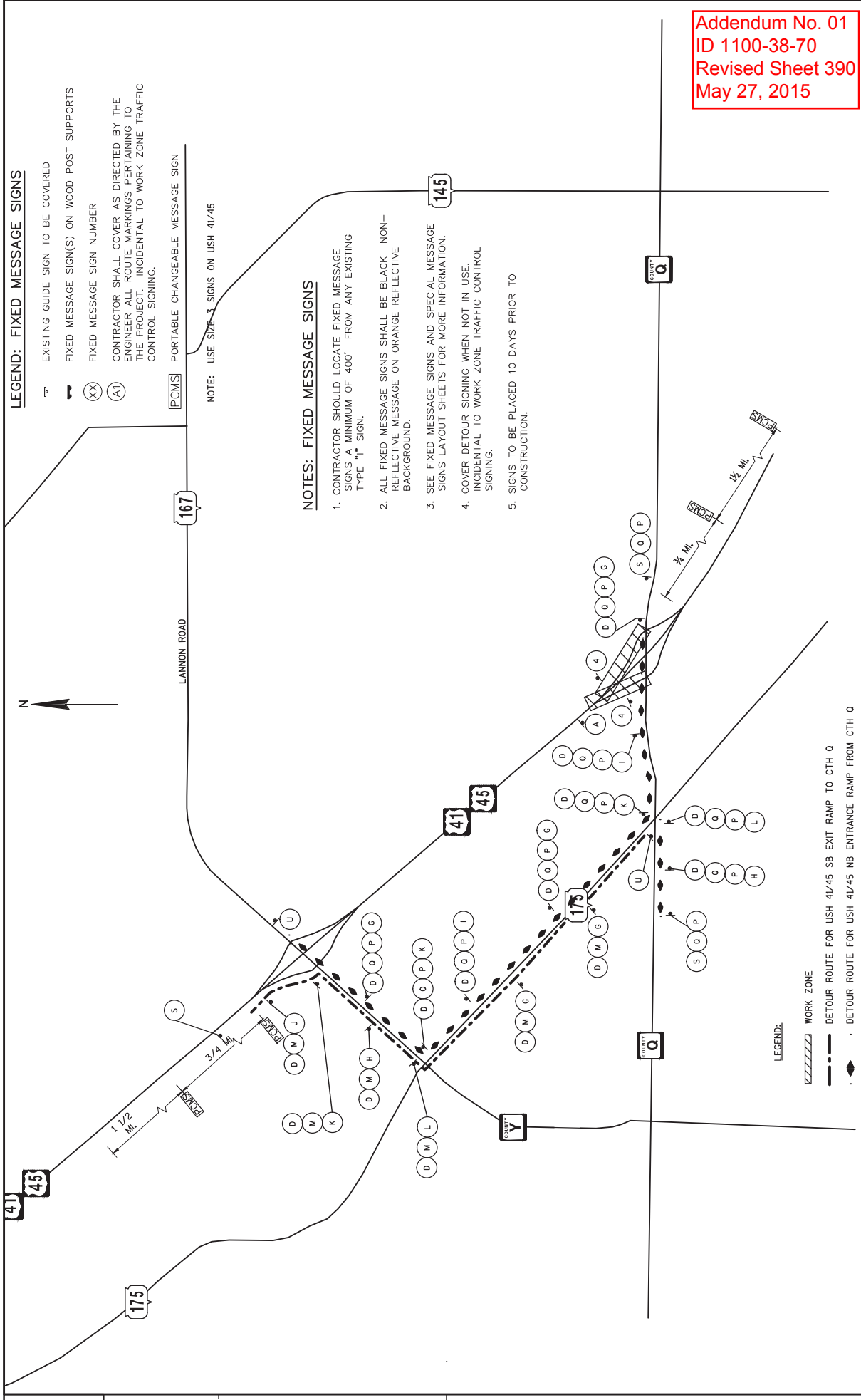
- NOTES: FIXED MESSAGE SIGNS**
- CONTRACTOR TO LOCATE FIXED MESSAGE SIGNS A MINIMUM OF 400' FROM ANY EXISTING TYPE 1 SIGNS.
 - ALL FIXED MESSAGE SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE REFLECTIVE BACKGROUND.
 - SEE FIXED MESSAGE SIGNS LAYOUT FOR MORE INFORMATION.
- NOTES:**
- ALL SIGNS TO HAVE TYPE F REFLECTIVE SHEETING - REFERENCE: "WISDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," LATEST EDITION.
 - SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE TYPE H REFLECTIVE SHEETING PER SPEC 643.2.9.3.
 - ALL SIGNS SHALL HAVE CAPITAL LETTERS AND NUMERALS:
 - NUMERALS SHALL BE SERIES "01"
 - CAPS SHALL BE SERIES "C"
 - SIGN BASE MATERIAL SHALL BE ACCORDING TO SECTION 637.2.2.1.
 - DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
 - ALL SIGNS TO BE MOUNTED ON NEW WOODEN POST SUPPORTS (4"x6"), THE NUMBER OF POSTS REQUIRED FOR EACH LAYOUT IS SHOWN.
 - SIGNS ON THIS SHEET TO BE PAID UNDER THE ITEM "TRAFFIC CONTROL SIGNS FIXED MESSAGE."
 - "BEGINS XXX XX" SIGNS PLACED PRIOR TO STAGE 2 SHALL BE SEPARATE PANELS, BUT SHALL BE CONSIDERED AS PART OF THE SIGN. "BEGINS XXX XX" SIGNS PLACED PRIOR TO STAGE 2 AND 4 SHALL BE REMOVED OR COVERED WITH "EXPECT DELAYS" PANELS AFTER THEIR EFFECTIVE DATE. THE MONTH AND DATE SHALL BE AS DIRECTED BY THE ENGINEER IN THE FIELD.
 - AFTER SIGNS HAVE BEEN LOCATED IN THE FIELD, BUT BEFORE INSTALLATION, THE WISDOT SIGNING AND MARKING SUPERVISOR SHALL VERIFY EACH SIGN LOCATION.
 - SIGNS TO BE PLACED 10 DAYS PRIOR TO CONSTRUCTION.

(xxx) = SIGN NUMBER

- 4 (6) 7 (8) 11
- 12 (15) 14 (17) 18

SEE S.D.D. 15016-1

Addendum No. 01
 ID 1100-38-70
 Revised Sheet 387
 May 27, 2015



LEGEND: FIXED MESSAGE SIGNS

- EXISTING GUIDE SIGN TO BE COVERED
- FIXED MESSAGE SIGN(S) ON WOOD POST SUPPORTS
- FIXED MESSAGE SIGN NUMBER
- CONTRACTOR SHALL COVER AS DIRECTED BY THE ENGINEER ALL ROUTE MARKINGS PERTAINING TO THE PROJECT INCIDENTAL TO WORK ZONE TRAFFIC CONTROL SIGNING.

PCMS PORTABLE CHANGEABLE MESSAGE SIGN

NOTE: USE SIZE 3 SIGNS ON USH 41/45

NOTES: FIXED MESSAGE SIGNS

1. CONTRACTOR SHOULD LOCATE FIXED MESSAGE SIGNS A MINIMUM OF 400' FROM ANY EXISTING TYPE "1" SIGN.
2. ALL FIXED MESSAGE SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE REFLECTIVE BACKGROUND.
3. SEE FIXED MESSAGE SIGNS AND SPECIAL MESSAGE SIGNS LAYOUT SHEETS FOR MORE INFORMATION.
4. COVER DETOUR SIGNING WHEN NOT IN USE. INCIDENTAL TO WORK ZONE TRAFFIC CONTROL SIGNING.
5. SIGNS TO BE PLACED 10 DAYS PRIOR TO CONSTRUCTION.

Addendum No. 01
ID 1100-38-70
Revised Sheet 390
May 27, 2015

PROJECT NO: 1100-38-70 COUNTY: WASHINGTON HWY: USH 41/45 DETOUR PLAN - STAGE 1 & STAGE 2B - CTH Q NORTH RAMPS SHEET 390 E

FILE NAME: I:\N\PS\G3D\CAD\11003800\027001.DWG USING USH 41 INTERCHANGES.DWG PLOT DATE: 15/15/2015 3:23 PM PLOT BY: FEHR, ANDREW C PLOT NAME: PLOT SCALE: 1" = 2000' XREF: WISDOT/CADD/SHEET 42

LEGEND: FIXED MESSAGE SIGNS

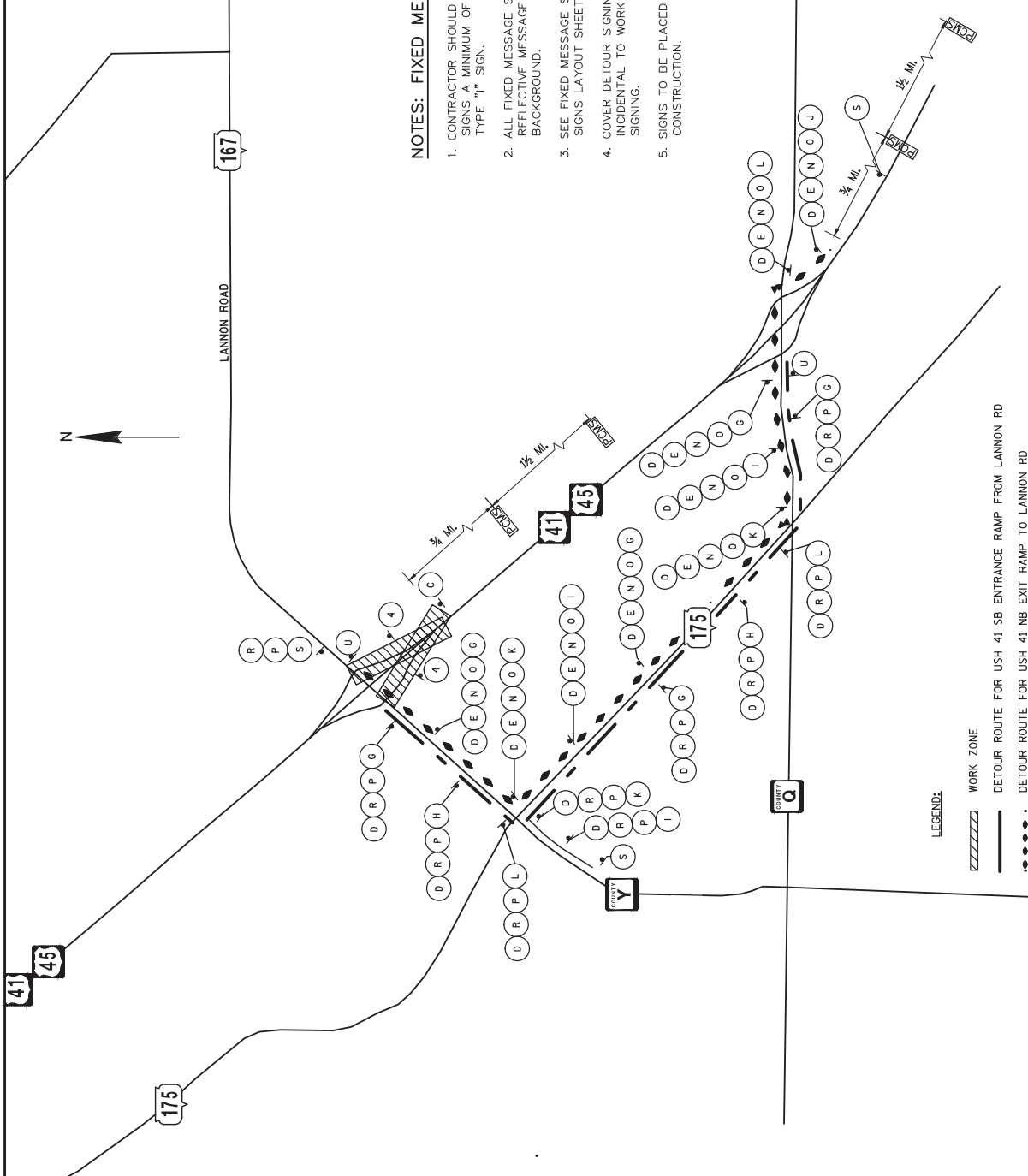
- EXISTING GUIDE SIGN TO BE COVERED
- FIXED MESSAGE SIGN(S) ON WOOD POST SUPPORTS
- FIXED MESSAGE SIGN NUMBER
- CONTRACTOR SHALL COVER AS DIRECTED BY THE ENGINEER ALL ROUTE MARKINGS PERTAINING TO THE PROJECT, INCIDENTAL TO WORK ZONE TRAFFIC CONTROL SIGNING.
- PORTABLE CHANGEABLE MESSAGE SIGN

NOTE: USE SIZE 3 SIGNS ON USH 41/45

NOTES: FIXED MESSAGE SIGNS

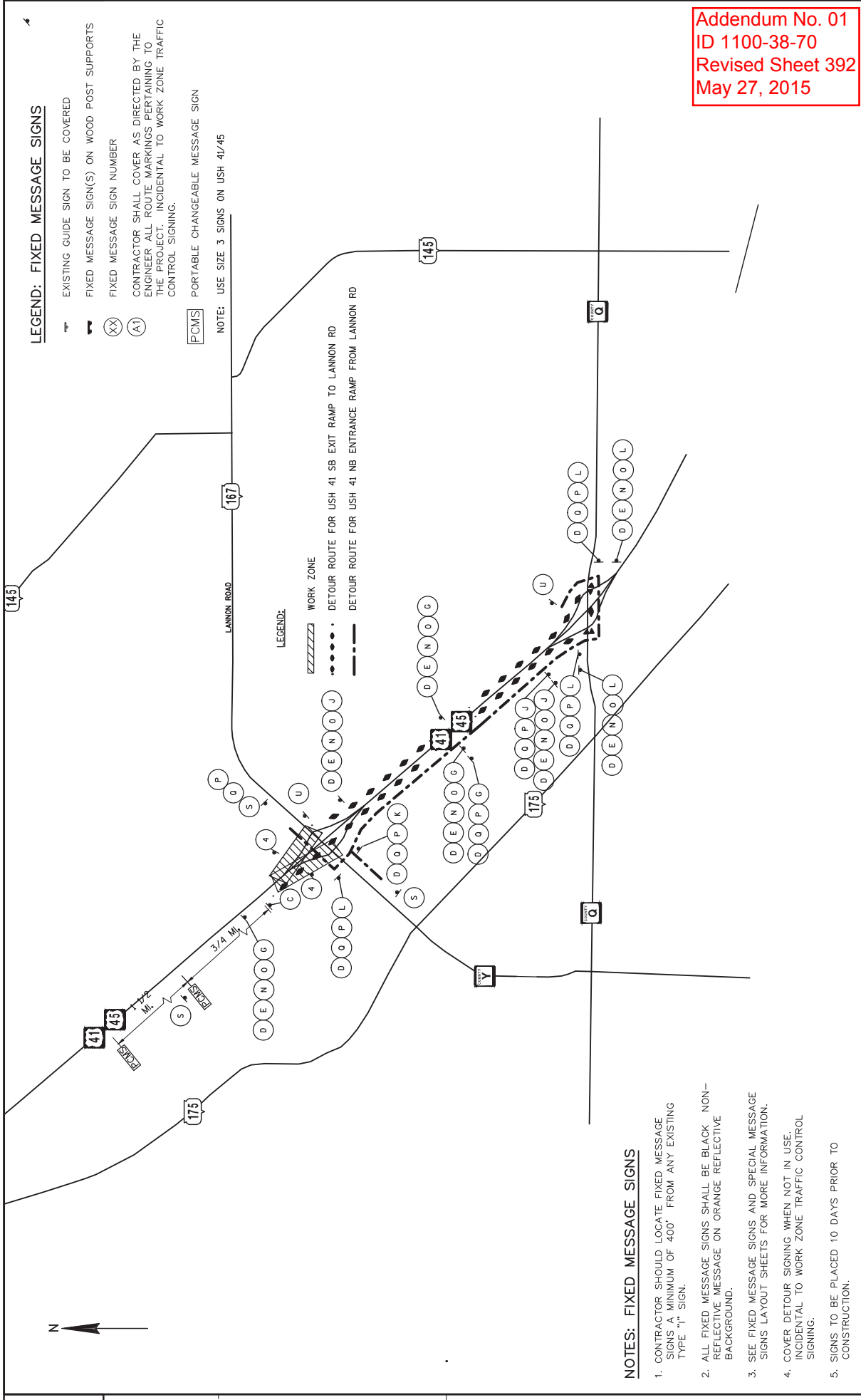
1. CONTRACTOR SHOULD LOCATE FIXED MESSAGE SIGNS A MINIMUM OF 400' FROM ANY EXISTING TYPE "T" SIGN.
2. ALL FIXED MESSAGE SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE REFLECTIVE BACKGROUND.
3. SEE FIXED MESSAGE SIGNS AND SPECIAL MESSAGE SIGNS LAYOUT SHEETS FOR MORE INFORMATION.
4. COVER DETOUR SIGNING WHEN NOT IN USE, INCIDENTAL TO WORK ZONE TRAFFIC CONTROL SIGNING.
5. SIGNS TO BE PLACED 10 DAYS PRIOR TO CONSTRUCTION.

Addendum No. 01
 ID 1100-38-70
 Revised Sheet 391
 May 27, 2015



LEGEND:

- WORK ZONE
- DETOUR ROUTE FOR USH 41 SB ENTRANCE RAMP FROM LANNON RD
- DETOUR ROUTE FOR USH 41 NB EXIT RAMP TO LANNON RD



LEGEND: FIXED MESSAGE SIGNS

- EXISTING GUIDE SIGN TO BE COVERED
 - FIXED MESSAGE SIGN(S) ON WOOD POST SUPPORTS
 - FIXED MESSAGE SIGN NUMBER
 - CONTRACTOR SHALL COVER AS DIRECTED BY THE ENGINEER ALL ROUTE MARKINGS PERTAINING TO THE PROJECT. INCIDENTAL TO WORK ZONE TRAFFIC CONTROL SIGNING.
 - PORTABLE CHANGEABLE MESSAGE SIGN
- NOTE: USE SIZE 3 SIGNS ON USH 41/45

LEGEND:

- WORK ZONE
- DETOUR ROUTE FOR USH 41 SB EXIT RAMP TO LANNON RD
- DETOUR ROUTE FOR USH 41 NB ENTRANCE RAMP FROM LANNON RD

NOTES: FIXED MESSAGE SIGNS

1. CONTRACTOR SHOULD LOCATE FIXED MESSAGE SIGNS A MINIMUM OF 400' FROM ANY EXISTING TYPE "1" SIGN.
2. ALL FIXED MESSAGE SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE REFLECTIVE BACKGROUND.
3. SEE FIXED MESSAGE SIGNS AND SPECIAL MESSAGE SIGNS LAYOUT SHEETS FOR MORE INFORMATION.
4. COVER DETOUR SIGNING WHEN NOT IN USE. INCIDENTAL TO WORK ZONE TRAFFIC CONTROL SIGNING.
5. SIGNS TO BE PLACED 10 DAYS PRIOR TO CONSTRUCTION.

Addendum No. 01
ID 1100-38-70
Revised Sheet 392
May 27, 2015



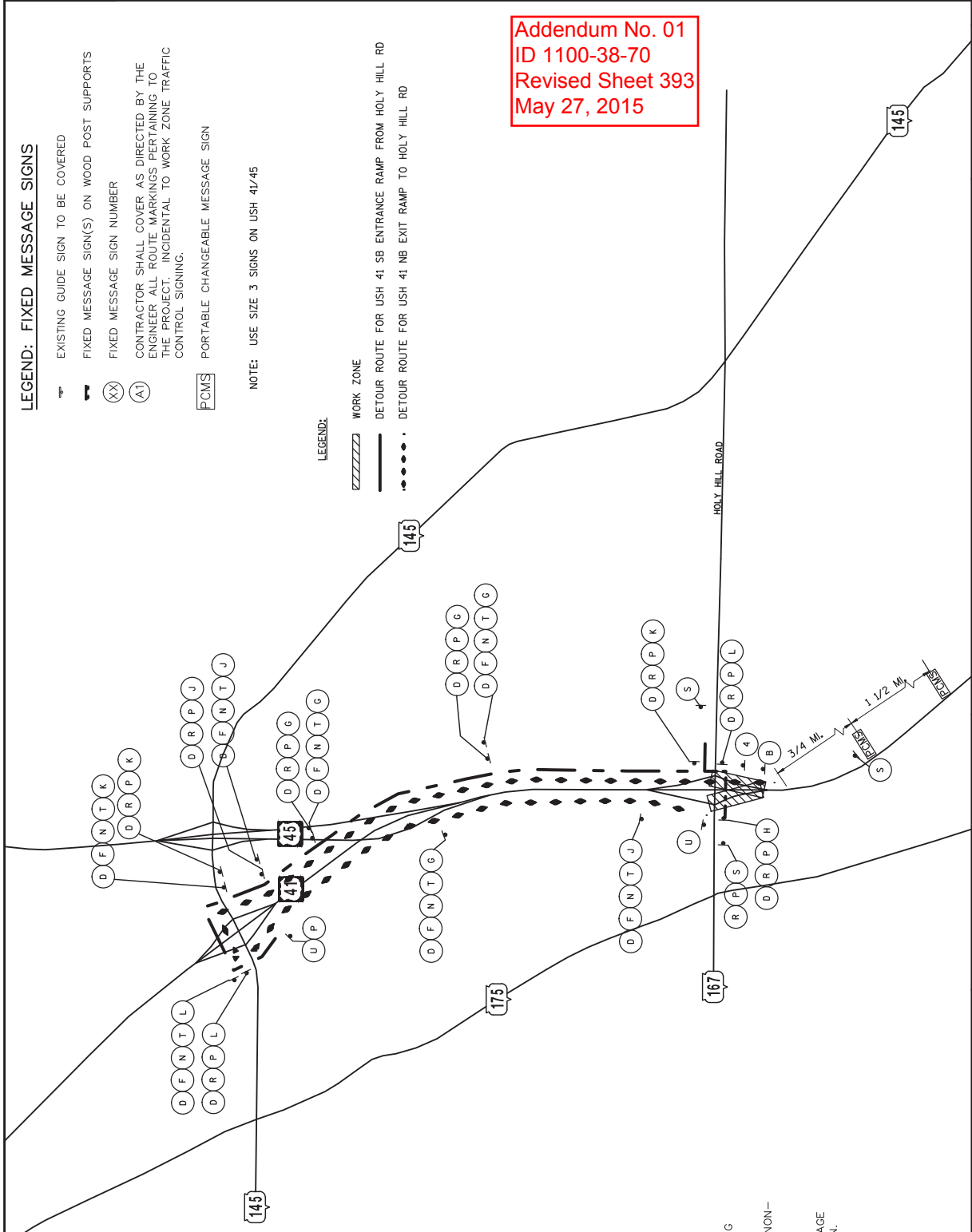
LEGEND: FIXED MESSAGE SIGNS

- EXISTING GUIDE SIGN TO BE COVERED
- FIXED MESSAGE SIGN(S) ON WOOD POST SUPPORTS
- FIXED MESSAGE SIGN NUMBER
- CONTRACTOR SHALL COVER AS DIRECTED BY THE ENGINEER ALL ROUTE MARKINGS PERTAINING TO THE PROJECT. INCIDENTAL TO WORK ZONE TRAFFIC CONTROL SIGNING.
- PORTABLE CHANGEABLE MESSAGE SIGN

NOTE: USE SIZE 3 SIGNS ON USH 41/45

LEGEND:

- WORK ZONE
- DETOUR ROUTE FOR USH 41 SB ENTRANCE RAMP FROM HOLY HILL RD
- DETOUR ROUTE FOR USH 41 NB EXIT RAMP TO HOLY HILL RD



Addendum No. 01
 ID 1100-38-70
 Revised Sheet 393
 May 27, 2015

NOTES: FIXED MESSAGE SIGNS

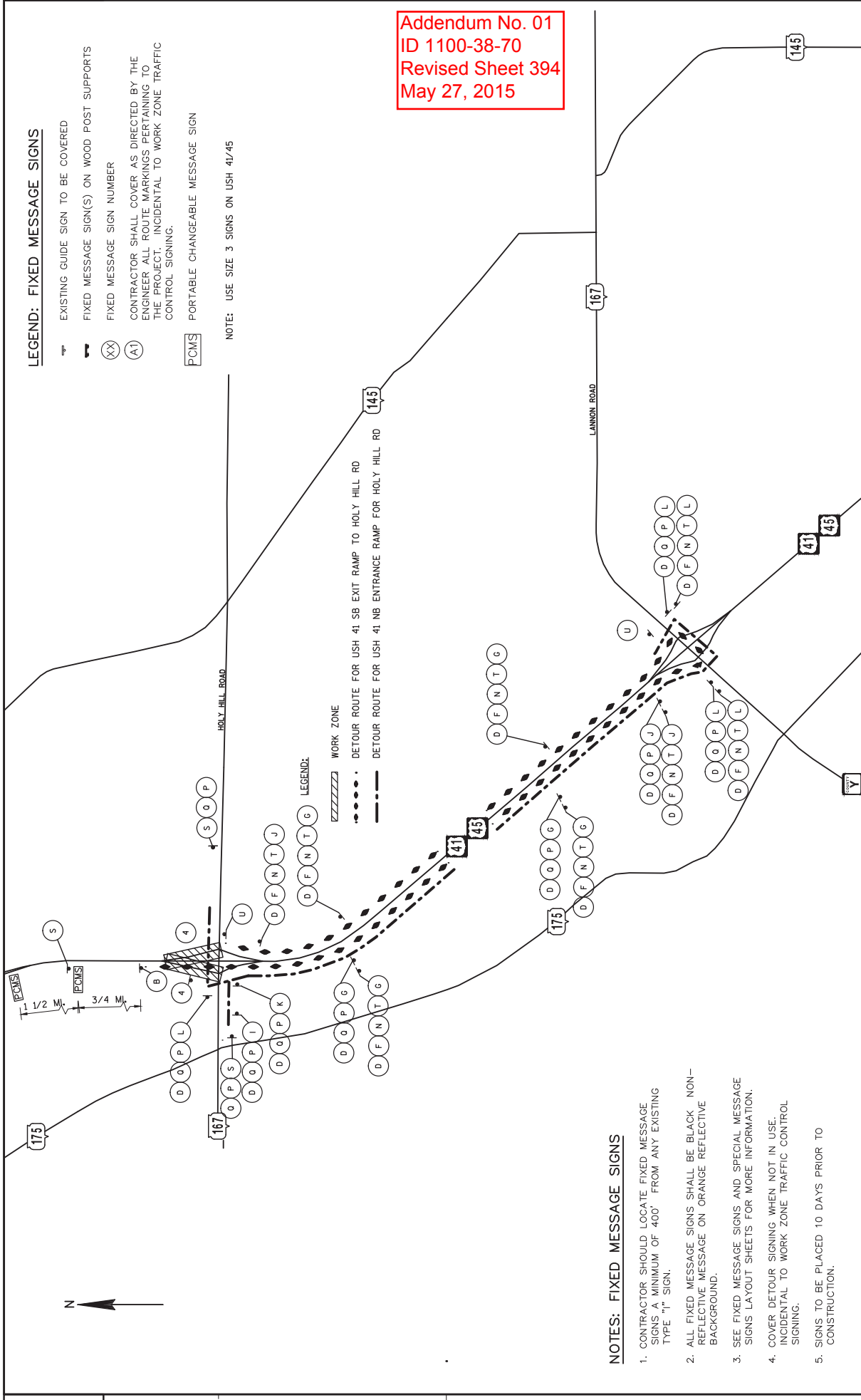
1. CONTRACTOR SHOULD LOCATE FIXED MESSAGE SIGNS A MINIMUM OF 400' FROM ANY EXISTING TYPE "I" SIGN.
2. ALL FIXED MESSAGE SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE REFLECTIVE BACKGROUND.
3. SEE FIXED MESSAGE SIGNS AND SPECIAL MESSAGE SIGNS LAYOUT SHEETS FOR MORE INFORMATION.
4. COVER DETOUR SIGNING WHEN NOT IN USE INCIDENTAL TO WORK ZONE TRAFFIC CONTROL SIGNING.
5. SIGNS TO BE PLACED 10 DAYS PRIOR TO CONSTRUCTION.

LEGEND: FIXED MESSAGE SIGNS

- EXISTING GUIDE SIGN TO BE COVERED
- FIXED MESSAGE SIGN(S) ON WOOD POST SUPPORTS
- FIXED MESSAGE SIGN NUMBER
- CONTRACTOR SHALL COVER AS DIRECTED BY THE ENGINEER ALL ROUTE MARKINGS PERTAINING TO THE PROJECT. INCIDENTAL TO WORK ZONE TRAFFIC CONTROL SIGNING.
- PORTABLE CHANGEABLE MESSAGE SIGN

NOTE: USE SIZE 3 SIGNS ON USH 41/45

Addendum No. 01
ID 1100-38-70
Revised Sheet 394
May 27, 2015



NOTES: FIXED MESSAGE SIGNS

1. CONTRACTOR SHOULD LOCATE FIXED MESSAGE SIGNS A MINIMUM OF 400' FROM ANY EXISTING TYPE '1' SIGN.
2. ALL FIXED MESSAGE SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE REFLECTIVE BACKGROUND.
3. SEE FIXED MESSAGE SIGNS AND SPECIAL MESSAGE SIGNS LAYOUT SHEETS FOR MORE INFORMATION.
4. COVER DETOUR SIGNING WHEN NOT IN USE. INCIDENTAL TO WORK ZONE TRAFFIC CONTROL SIGNING.
5. SIGNS TO BE PLACED 10 DAYS PRIOR TO CONSTRUCTION.

Addendum No. 01
ID 1100-38-70
Revised Sheet 422
May 27, 2015

ASPHALTIC PAVEMENT

STATION TO STATION	LOCATION	440.4410.S INCENTIVE IRI RIDE		455.0120 (LOWER) ASPHALTIC MATERIAL PG64-28		455.0605 TACK COAT		460.1130 HMA PAVEMENT TYPE E-30		460.2000 HMA PAVEMENT DENSITY		460.4000 HMA COLD WEATHER PAVING		460.4110.S REHEATING HMA LONGITUDINAL JOINTS		465.0400 ASPHALTIC SHOULDER RUMBLE STRIP		REMARKS	
		DOL	TON	TON	GAL	TON	TON	DOL	TON	DOL	TON	LF	LF	LF	LF				
USH 41.NB																			
344+00 - 364+00	USH 41/45 NB	--	119	75	622	1,669	8,963	3,230	2,067	808	16,000	1,420							
364+00 - 424+50	USH 41/45 NB	--	379	227	1,882	1,387	10,105	6,467	6,467	2,526	48,400	6,050							
362+05 - 694+00	USH 41/45 NB	--	350	0	1,844	650	5,832	3,733	3,733	--	--	--							
429+75 - 575+45	USH 41/45 NB	--	913	547	4,533	24,336	7,981	15,575	15,575	6,084	116,560	14,300							
575+45 - 606+10	USH 41/45 NB	--	366	123	1,533	7,981	8,138	5,108	5,108	1,995	24,520	3,065							
606+10 - 608+00	USH 41/45 NB	--	33	8	63	339	8	217	217	85	1,520	208							
609+75 - 663+41	USH 41/45 NB	--	336	202	1,669	8,963	3,230	2,067	808	16,000	1,420								
663+41 - 673+10	USH 41/45 NB	--	47	36	1,387	650	5,832	3,733	3,733	--	--	--							
673+10 - 694+00	USH 41/45 NB	--	131	79	650	3,491	16,720	2,234	2,234	873	16,720	2,090							
673+10 - 694+00	USH 45 NB LANE 4	--	22	17	139	641	2,090	2,181	2,181	852	2,090	--							
344+00 - 694+00	USH 41/45 NB	--	67	35	292	3,408	2,181	2,181	2,181	852	2,090	--							
USH 41.SB																			
345+00 - 364+00	USH 41/45 SB	--	124	71	591	3,261	2,087	815	2,087	815	15,200	1,830							
364+00 - 424+50	USH 41/45 SB	--	379	227	1,882	10,105	6,467	2,526	6,467	2,526	48,400	5,850							
362+05 - 694+00	USH 41/45 SB	--	350	0	1,844	5,832	3,733	3,733	3,733	--	--	--							
429+75 - 575+45	USH 41/45 SB	--	913	547	4,533	24,336	7,981	15,575	15,575	6,084	116,560	13,705							
575+45 - 606+10	USH 41/45 SB	--	361	127	1,567	8,138	5,208	2,888	5,208	2,034	24,520	3,065							
606+10 - 608+50	USH 41/45 SB	--	17	10	83	450	112	288	288	112	1,920	199							
610+25 - 663+41	USH 41/45 SB	--	333	200	1,654	8,879	2,220	5,683	5,683	2,220	42,528	1,900							
663+41 - 673+10	USH 41/45 SB	--	141	36	495	2,959	1,894	740	1,894	740	7,752	3,880							
673+10 - 694+00	USH 41/45 SB	--	131	79	650	3,491	16,720	2,234	2,234	873	16,720	2,255							
667+00 - 694+00	USH 45 SB LANE 4	--	28	22	180	828	207	530	530	207	2,700	--							
345+00 - 694+00	USH 41/45 SB	--	67	35	291	3,398	2,175	850	2,175	850	--	--							
RAMPS AT CTH LO																			
350+79 - 362+08	USH 41 MEDIAN	--	16	11	94	461	115	295	295	115	--	--							
346+00 - 356+50	RAMP B	--	0	19	70	323	81	207	207	81	4,200	--							
356+50 - 360+00	RAMP B	--	11	9	73	334	83	214	214	83	1,400	--							
353+75 - 360+00	RAMP C, LEFT	--	21	14	103	591	148	378	378	148	2,500	--							
353+75 - 362+00	RAMP C, RIGHT	--	0	13	48	223	56	143	143	56	3,300	825							
362+00 - 366+00	RAMP C	--	7	5	45	208	52	133	133	52	1,600	--							
RAMPS AT LANNON RD																			
1439+32 - 1445+75	RAMP A	--	7	6	47	215	54	138	138	54	2,572	--							
1445+75 - 1453+75	RAMP A	--	0	20	71	327	209	209	209	81	3,200	--							
453+75 - 460+00	RAMP B, LEFT	--	7	5	17	193	48	124	124	48	2,500	--							
453+75 - 461+00	RAMP B, RIGHT	--	0	12	44	204	51	131	131	51	725	--							
461+00 - 463+71	RAMP B	--	22	17	143	657	164	420	420	164	1,084	--							
1452+75 - 1459+15	RAMP C, LEFT	--	18	12	43	492	123	315	315	123	2,560	--							
1452+75 - 1461+00	RAMP C, RIGHT	--	0	13	46	213	137	164	164	53	3,300	825							
1461+00 - 1463+64	RAMP C	--	9	7	56	256	64	164	164	64	1,056	--							
1429+75 - 1443+25	RAMP D	--	19	15	122	561	140	359	359	140	5,400	--							
1443+25 - 1453+00	RAMP D	--	0	35	128	590	147	378	378	147	3,900	--							
RAMPS AT HOLY HILL RD																			
600+00 - 608+50	RAMP A	--	8	6	53	244	61	156	156	61	3,680	--							
610+40 - 610+00	RAMP A	--	4	3	27	125	31	80	80	31	--	--							
614+00 - 620+00	RAMP A	--	0	13	49	224	56	144	144	56	--	--							
620+00 - 630+00	RAMP B	--	0	21	75	347	87	222	222	87	5,720	--							
630+00 - 641+50	RAMP B	--	14	11	69	410	102	262	262	102	--	--							
599+50 - 604+50	RAMP C (PARALLEL EXIT)	--	16	5	45	349	87	223	223	87	990	--							
603+25 - 607+91	RAMP C	--	3	2	17	79	20	51	51	20	4,228	--							
609+63 - 613+50	RAMP C	--	6	5	40	184	46	118	118	46	--	--							
612+50 - 619+65	RAMP C (WIDENING)	--	7	5	43	209	52	134	134	52	1,430	--							
613+50 - 619+80	RAMP C	--	0	15	54	249	62	159	159	62	--	--							
619+70 - 625+00	RAMP D	--	0	10	38	173	43	111	111	43	5,220	--							
625+00 - 642+75	RAMP D	--	31	24	198	909	227	581	581	227	--	--							
345+00 - 694+00	\$1/TON TO MAX	10,000	--	--	--	--	--	--	--	--	--	--							
345+00 - 694+00	UNDISTRIBUTED	--	561	431	105	16,525	4,131	10,576	10,576	4,131	2,660	--							
345+00 - 694+00	CORES/TAPERS/ETC.	--	43	35	139	1,278	818	818	818	319	--	--							
TOTAL 0010		10,000	6,405	3,505	29,421	168,544	39,220	107,870	107,870	39,220	615,290	67,822							

Addendum No. 01
ID 1100-38-70
Revised Sheet 427
May 27, 2015

GUARDRAIL													
STATION TO STATION	LOCATION	614.0010 GRADING SHAPING FINISHING EACH	614.0220 STEEL THRIE BEAM BULLNOSE TERMINAL EACH	614.0230 STEEL THRIE BEAM	614.2300 GUARDRAIL 3	614.2330 GUARDRAIL 3 K	614.2500 MGS THRIE BEAM TRANSITION	614.2610 MGS GUARDRAIL TERMINAL EAT	614.2620 MGS GUARDRAIL TERMINAL TYPE 2	REMARKS			
		LF	LF	LF	LF	LF	LF	LF	EACH	EACH	EACH	EACH	EACH
340+12 - 342+25	CTH O RAMP 'A' LT	1	--	--	162.5	--	--	--	1	1	--	--	--
340+71 - 342+25	CTH O RAMP 'A' RT	1	--	--	100.0	--	--	--	1	1	--	--	--
353+50 - 363+25	USH 41/45 LT	--	975	--	--	--	--	--	--	--	--	--	--
353+50 - 363+25	USH 41/45 RT	--	975	--	--	--	--	--	--	--	--	--	--
363+25 - 363+90	USH 41/45 LT & RT	--	1	--	--	--	--	--	--	--	--	--	--
355+71 - 359+25	CTH O RAMP 'C' LT	1	--	--	300.0	--	--	--	1	1	--	--	--
356+55 - 357+90	CTH O RAMP 'C' RT	1	--	--	87.5	--	--	--	1	1	--	--	--
1450+22 - 1451+50	STH 167 RAMP 'A' RT	1	--	--	75.0	--	--	--	1	1	--	--	--
1450+22 - 1451+74	STH 167 RAMP 'A' LT	1	--	--	100.0	--	--	--	1	1	--	--	--
1455+25 - 1456+66	STH 167 RAMP 'C' RT	1	--	--	87.5	--	--	--	1	1	--	--	--
1455+25 - 1456+66	STH 167 RAMP 'C' LT	1	--	--	87.5	--	--	--	1	1	--	--	--
485+71 - 488+86	USH 41/45 RT	1	--	--	262.5	--	--	--	1	1	--	--	--
489+54 - 492+70	USH 41/45 LT	1	--	--	262.5	--	--	--	1	1	--	--	--
574+00 - 608+08	USH 41/45 RT	1	--	--	3312.5	--	39.4	39.4	1	1	--	--	Radius = 4282.63'
575+94 - 608+24	USH 41/45 LT	1	--	--	3200.0	--	39.4	39.4	1	1	--	--	Radius = 4306.63'
589+99 - 608+64	USH 41/45 LT	--	--	--	1825.0	--	--	--	--	--	--	--	--
603+75 - 607+72	USH 41/45 RT	--	--	--	300.0	--	39.4	39.4	1	--	--	--	--
609+65 - 612+05	USH 41/45 RT	--	--	--	200.0	--	200.0	200.0	1	--	--	--	--
610+58 - 612+75	USH 41/45 LT	1	--	--	125.0	--	39.4	39.4	1	--	--	--	--
670+49 - 673+24	USH 41/45 RT	1	--	--	225.0	--	--	--	1	1	--	--	--
682+38 - 685+16	USH 41/45 RT	1	--	--	225.0	--	--	--	1	1	--	--	--
TOTAL 0010		13	1	1,950	5,800	5,137.5	236.4	236.4	15	14			

BARRIER SYSTEM GRADING SHAPING FINISHING (FOR INFORMATION ONLY)

ROADWAY	LOCATION	STA - STA	*EXCAVATION COMMON	*BORROW	*TOPSOIL	*FERTILIZER TYPE B	*SEEDING MIXTURE NO. 30	*MULCHING
			CY	CY	SY	CMT	LB	SY
USH 41/45 NB OFF AT O, RT		339+50 - 341+22	0	48	143	0.1	3	143
USH 41/45 NB OFF AT O, LT		338+94 - 341+22	0	62	186	0.1	3	186
USH 41/45 SB OFF AT O, RT		357+48 - 358+48	0	37	111	0.1	2	111
USH 41/45 SB OFF AT O, LT		358+75 - 360+00	**	**	**	**	**	**
USH 41/45 NB OFF AT LANNON, RT		1449+02 - 1450+72	0	63	190	0.1	3	190
USH 41/45 NB OFF AT LANNON, LT		1449+02 - 1450+72	0	54	163	0.1	3	163
USH 41/45 SB OFF AT LANNON, RT		1456+18 - 1457+18	0	37	111	0.1	2	111
USH 41/45 SB OFF AT LANNON, LT		1456+18 - 1457+18	0	--	--	--	--	--
USH 41/45 NB, RT		484+51 - 486+21	0	38	113	0.1	2	113
USH 41/45 SB, LT		494+20 - 493+90	0	86	258	0.2	5	258
USH 41/45 NB, LT		573+75 - 574+50	0	37	111	0.1	2	111
USH 41/45 NB, RT		603+25 - 604+25	**	**	**	**	**	**
USH 41/45 SB ON AT HOLY HILL		612+25 - 613+96	0	224	673	0.4	12	673
USH 41/45 NB, RT		669+29 - 670+99	0	87	260	0.2	5	260
USH 41/45 NB, RT		680+73 - 682+88	0	217	650	0.4	12	650
TOTAL =			0	989	2,968	1.9	53	2,968

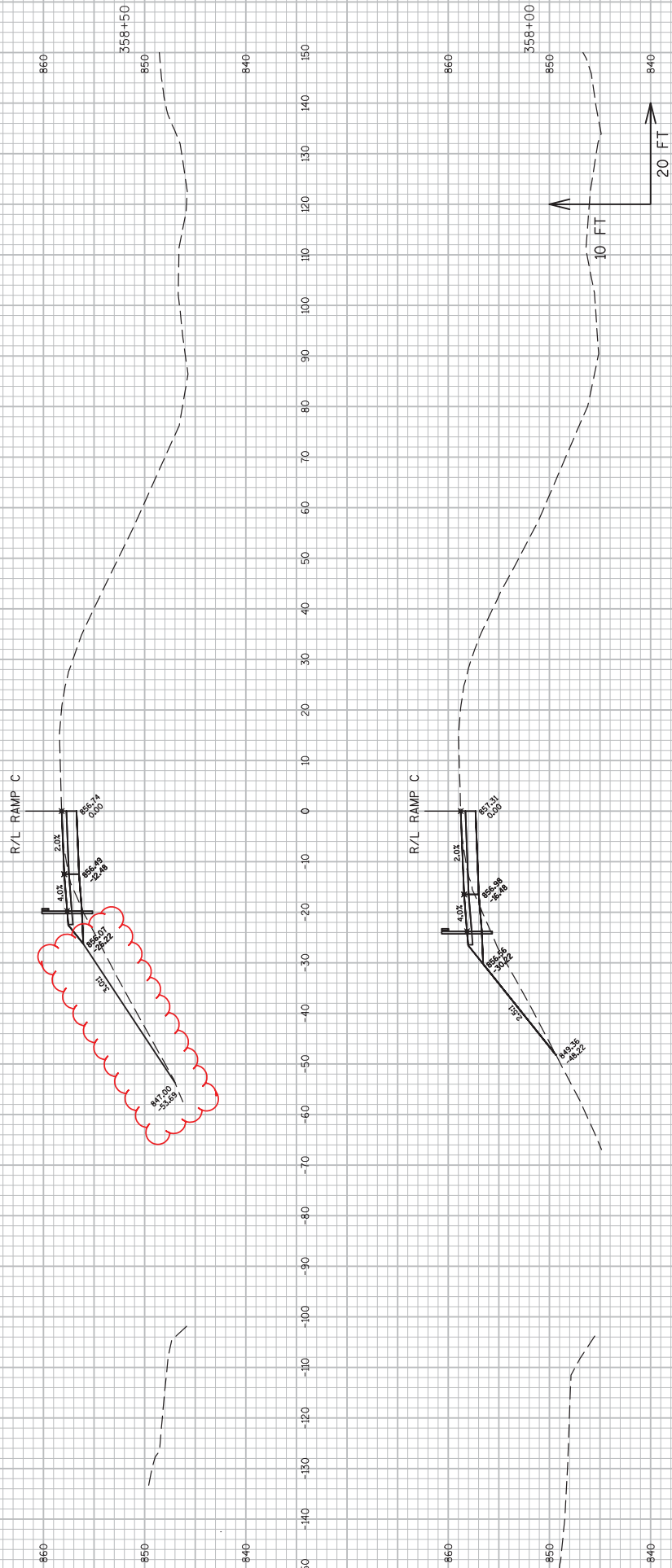
NOTES:
* = Items & Quantities listed for Bid Information Only
** Barrier System Grading Shaping Finishing bid item is not required. Items & Quantities were listed as paid items elsewhere in Plans.

TRAFFIC CONTROL

(FROM) STATION	TO STATION	LOCATION	DETOUR PROJECT 1100-38-70 643.2000 EACH	*SIGN PCMS 643.1050 DAY	DETOUR SIGNS 643.3000 DAY	REMARKS	
354+00	372+00	USH 41/45 SB EXIT RAMP AT CTH Q	0.1	40.0	44	CLOSE USH 41/45 SB EXIT & USH 41/45 NB ENTRANCE RAMPS AT CTH Q	
454+00	477+00	USH 41/45 RAMPS AT LANNON RD	---	---	28		
STH 175	USH 41/45	CTH Q	---	---	104		
CTH Q	CTH Y (LANNON RD)	USH 41/45	---	---	76		
STH 175	USH 41/45	CTH Y (LANNON RD)	---	---	44		
323+00	346+00	USH 41/45 NB EXIT RAMP AT CTH Q	0.1	40.0	44		CLOSE USH 41/45 NB EXIT & USH 41/45 SB ENTRANCE RAMPS AT LANNON RD
437+00	454+00	USH 41/45 RAMPS AT LANNON RD	---	---	40		
STH 175	USH 41/45	CTH Q	---	---	80		
CTH Q	CTH Y (LANNON RD)	USH 41/45	---	---	108		
STH 175	USH 41/45	CTH Y (LANNON RD)	---	---	124		
454+00	477+00	USH 41/45 SB EXIT RAMP AT LANNON RD	0.1	20.0	44	CLOSE USH 41/45 SB EXIT & USH 41/45 NB ENTRANCE RAMPS AT LANNON RD	
620+00	647+00	USH 41/45 RAMPS AT CTH Q	---	---	76		
STH 175	USH 41/45	CTH Y (LANNON RD)	---	---	56		
CTH Q	CTH Y (LANNON RD)	USH 41/45 SB	---	---	72		
CTH Q	CTH Y (LANNON RD)	USH 41/45 NB	---	---	44		
429+00	454+00	USH 41/45 NB EXIT RAMP AT LANNON RD	0.1	20.0	44		CLOSE USH 41/45 NB EXIT & USH 41/45 SB ENTRANCE RAMPS AT HOLY HILL RD
603+00	620+00	USH 41/45 RAMPS AT HOLY HILL RD	---	---	116		
STH 175	USH 41/45	STH 167 (HOLY HILL RD)	---	---	68		
STH 167 (HOLY HILL)	STH 145	USH 41/45 NB	---	---	72		
STH 167 (HOLY HILL)	STH 145	USH 41/45 SB	---	---	44		
454+00	620+00	USH 41/45 SB EXIT RAMP AT LANNON RD	0.1	20.0	44	CLOSE USH 41/45 SB EXIT & USH 41/45 NB ENTRANCE RAMPS AT HOLY HILL RD	
620+00	638+00	USH 41/45 RAMPS AT HOLY HILL RD	---	---	36		
STH 175	USH 41/45	CTH Y (LANNON RD)	---	---	108		
CTH Y (LANNON RD)	STH 167 (HOLY HILL RD)	USH 41/45 SB	---	---	64		
CTH Y (LANNON RD)	USH 41/45 NB	HOLY HILL RD	---	---	72		
354+00	372+00	USH 41/45 SB EXIT RAMP AT CTH Q	0.1	40.0	44		CLOSE USH 41/45 SB EXIT & USH 41/45 NB ENTRANCE RAMPS AT CTH Q
454+00	477+00	USH 41/45 RAMPS AT LANNON RD	---	---	28		
STH 175	USH 41/45	CTH Q	---	---	104		
CTH Q	CTH Y (LANNON RD)	USH 41/45	---	---	76		
STH 175	USH 41/45	CTH Y (LANNON RD)	---	---	44		
323+00	346+00	USH 41/45 NB EXIT RAMP AT CTH Q	0.1	40.0	44	CLOSE USH 41/45 NB EXIT & USH 41/45 SB ENTRANCE RAMPS AT LANNON RD	
437+00	454+00	USH 41/45 RAMPS AT LANNON RD	---	---	40		
STH 175	USH 41/45	CTH Q	---	---	80		
CTH Q	CTH Y (LANNON RD)	USH 41/45	---	---	108		
CTH Q	CTH Y (LANNON RD)	USH 41/45 NB	---	---	124		
454+00	477+00	USH 41/45 SB EXIT RAMP AT LANNON RD	0.1	20.0	44		CLOSE USH 41/45 SB EXIT & USH 41/45 NB ENTRANCE RAMPS AT LANNON RD
620+00	647+00	USH 41/45 RAMPS AT CTH Q	---	---	76		
STH 175	USH 41/45	CTH Y (LANNON RD)	---	---	56		
CTH Q	CTH Y (LANNON RD)	USH 41/45 SB	---	---	72		
CTH Q	CTH Y (LANNON RD)	USH 41/45 NB	---	---	44		
429+00	454+00	USH 41/45 NB EXIT RAMP AT LANNON RD	0.1	20.0	44	CLOSE USH 41/45 NB EXIT & USH 41/45 SB ENTRANCE RAMPS AT HOLY HILL RD	
603+00	620+00	USH 41/45 RAMPS AT HOLY HILL RD	---	---	116		
STH 175	USH 41/45	STH 167 (HOLY HILL RD)	---	---	68		
STH 167 (HOLY HILL)	STH 145	USH 41/45 NB	---	---	72		
STH 167 (HOLY HILL)	STH 145	USH 41/45 SB	---	---	44		
454+00	620+00	USH 41/45 SB EXIT RAMP AT LANNON RD	0.1	20.0	44		CLOSE USH 41/45 SB EXIT & USH 41/45 NB ENTRANCE RAMPS AT HOLY HILL RD
620+00	638+00	USH 41/45 RAMPS AT LANNON RD	---	---	40		
STH 175	USH 41/45	CTH Y (LANNON RD)	---	---	36		
CTH Y (LANNON RD)	STH 167 (HOLY HILL RD)	USH 41/45 SB	---	---	108		
CTH Y (LANNON RD)	STH 167 (HOLY HILL RD)	USH 41/45 NB	---	---	64		
STH 175	USH 41/45	HOLY HILL RD	---	---	72		
TOTAL 0010			1.0	280	3384		

* ADDITIONAL QUANTITY SHOWN ELSEWHERE IN PLANS.
 NOTES: DETOUR ROUTES FOR BOTH STAGES 1A AND 2B ARE THE SAME. STAGE 1A: RAMP CLOSURES ARE REQUIRED FOR PATCHING CONCRETE PAVEMENT REPAIR, MILLING EXISTING ASPHALTIC SURFACE, AND PAVING HMA PAVEMENT (LOWER LAYER) WORK OPERATIONS. STAGE 2B: RAMP CLOSURES ARE REQUIRED FOR PAVING HMA PAVEMENT (UPPER LAYER) & RBHST WORK OPERATIONS.

Addendum No. 01
 ID 1100-38-70
 Revised Sheet 794
 May 27, 2015

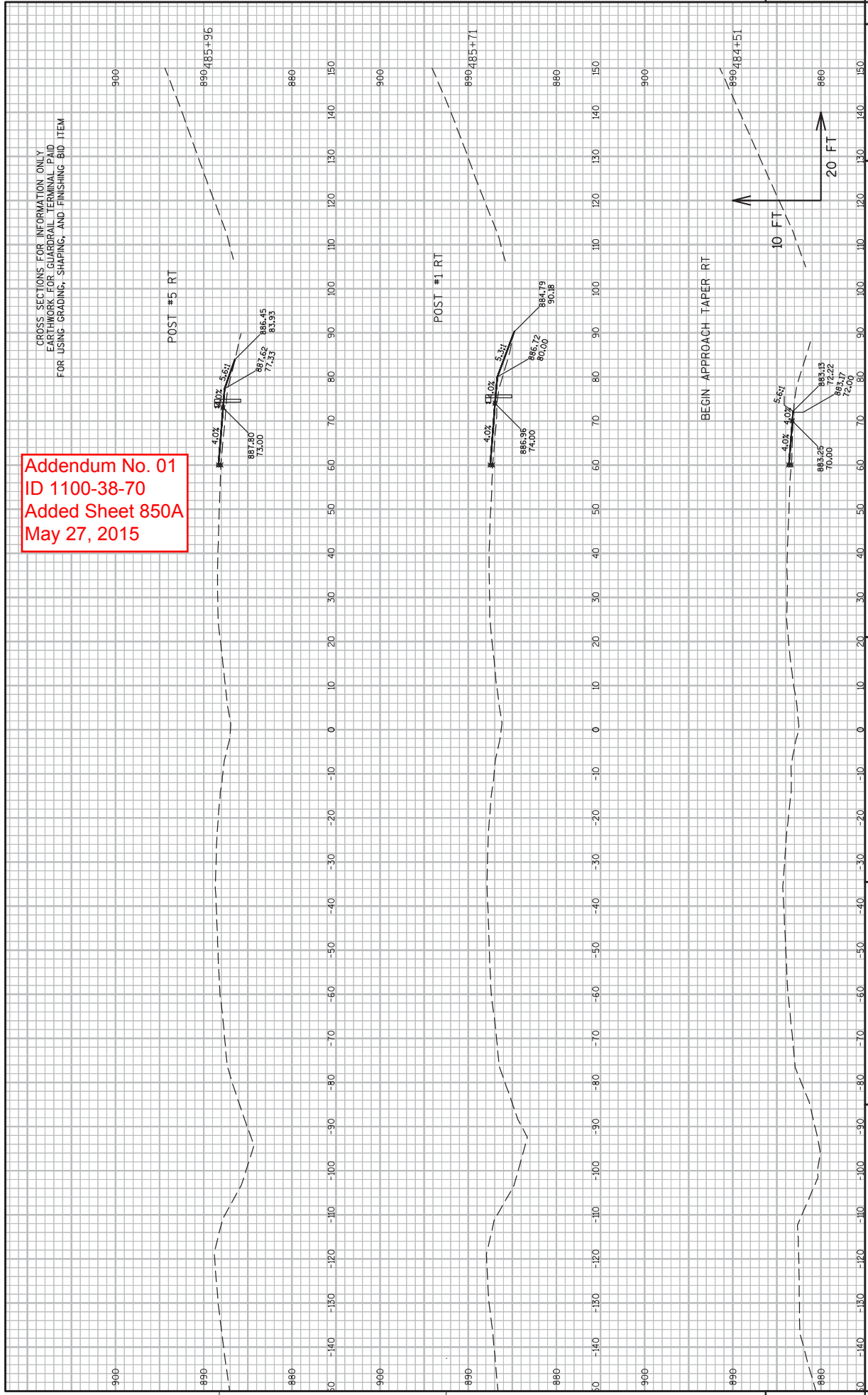


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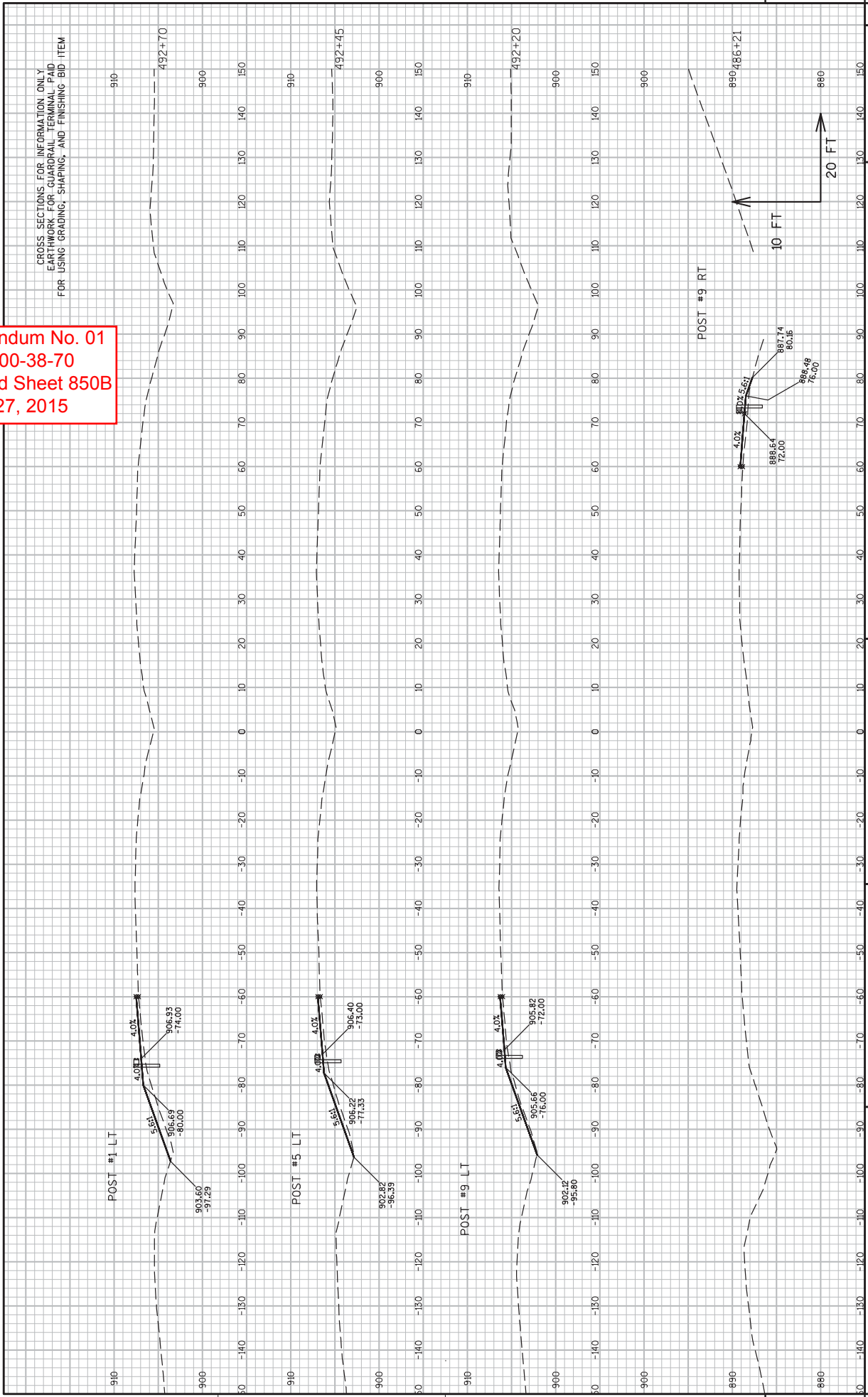
Addendum No. 01
 ID 1100-38-70
 Added Sheet 850A
 May 27, 2015

CROSS SECTIONS FOR INFORMATION ONLY
 EARTHWORK FOR GUARDRAIL TERMINAL PAID
 FOR USING GRADING, SHAPING, AND FINISHING BID ITEM



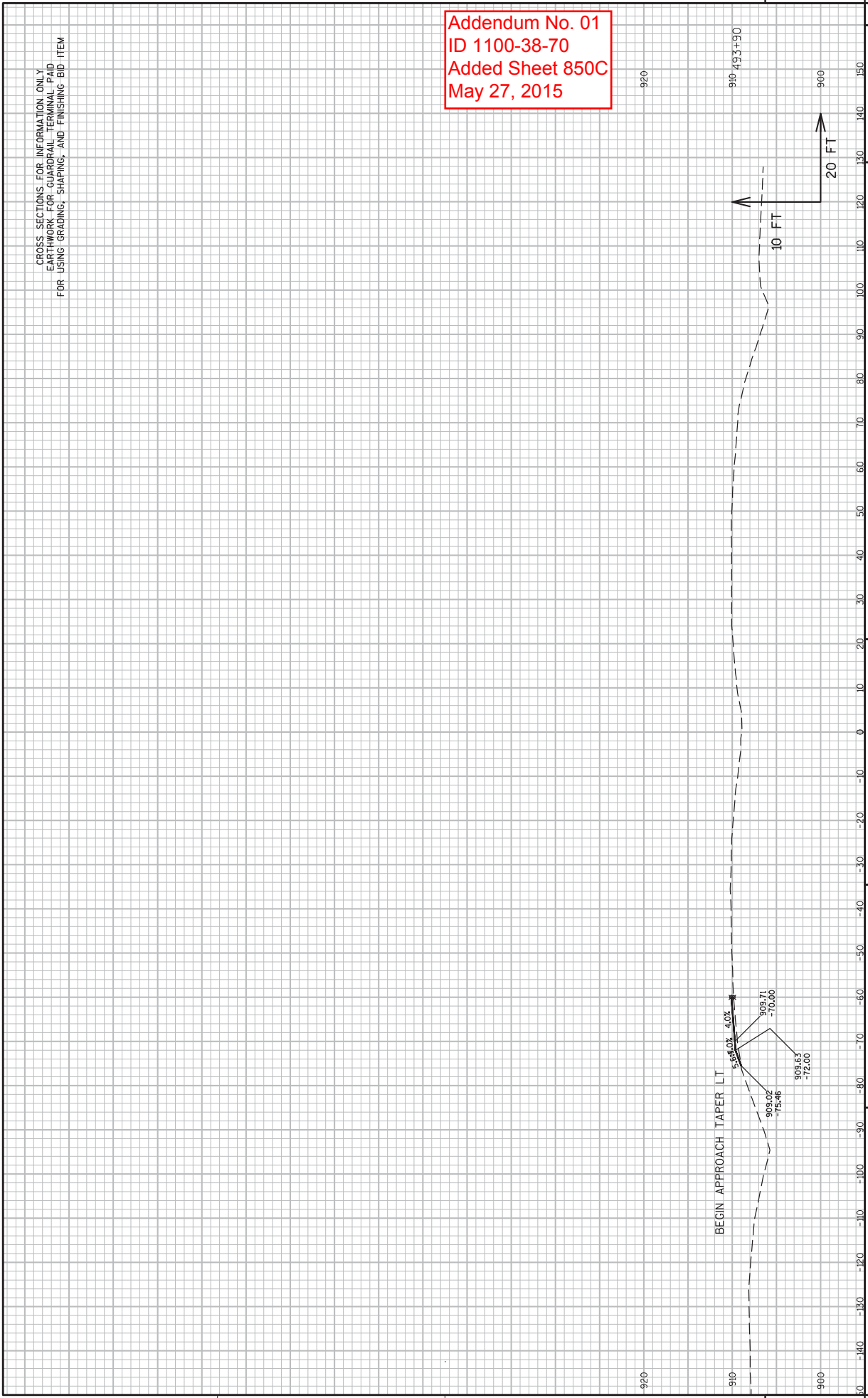
Addendum No. 01
 ID 1100-38-70
 Added Sheet 850B
 May 27, 2015

CROSS SECTIONS FOR INFORMATION ONLY
 EARTHWORK FOR GUARDRAIL TERMINAL PAD
 FOR USING GRADING, SHAPING, AND FINISHING BID ITEM



CROSS SECTIONS FOR INFORMATION ONLY
EARTHWORK FOR GUARDRAIL TERMINAL PAID
FOR USING GRADING, SHAPING, AND FINISHING BID ITEM

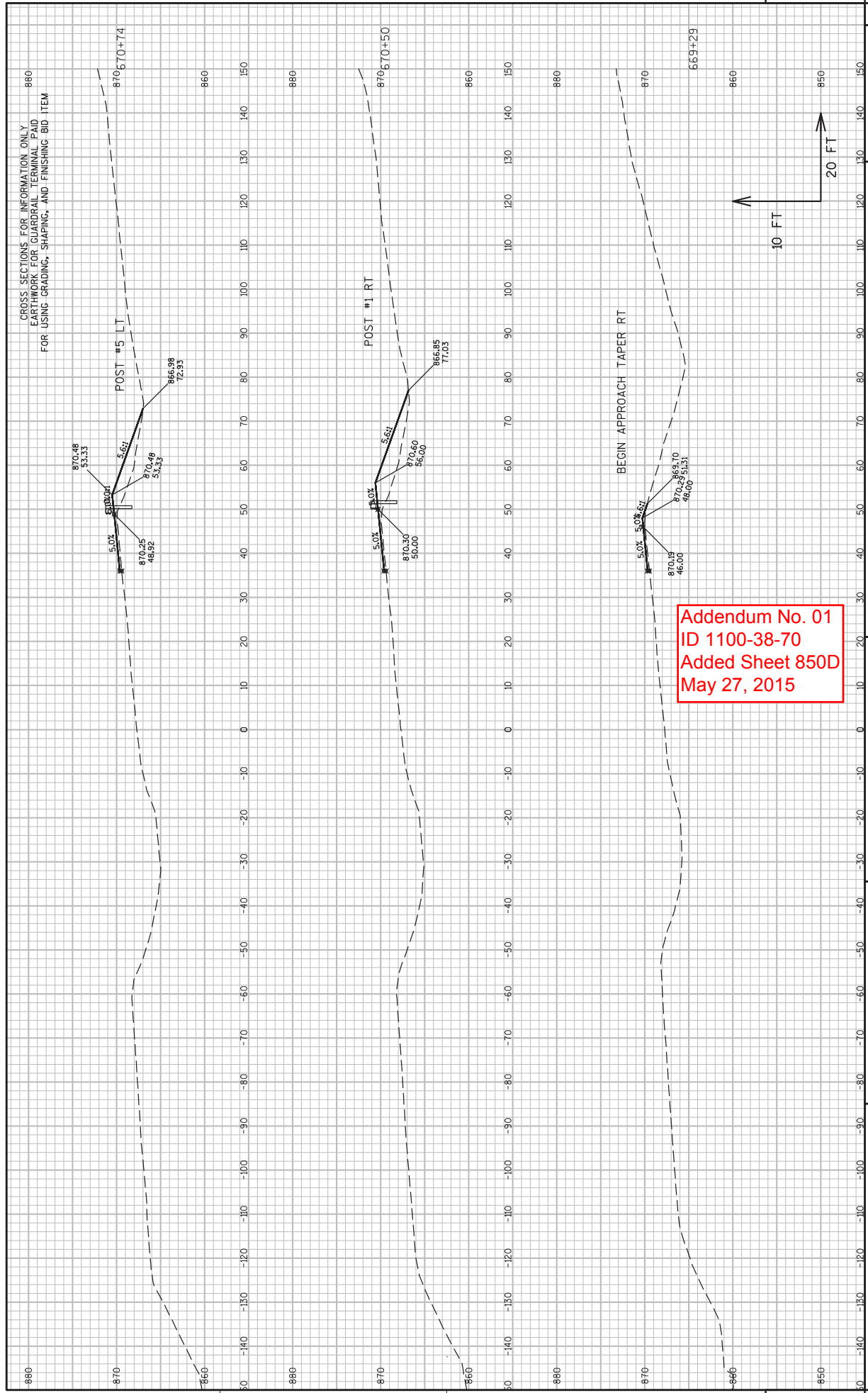
Addendum No. 01
ID 1100-38-70
Added Sheet 850C
May 27, 2015



PROJECT NO: 1100-38-70
COUNTY: WASHINGTON
HWY: USH 41/45
CROSS SECTIONS: USH 41/45 AT MEQUON ROAD BEAM GUARD
SHEET 850C
E

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PLOT BY : BLACKWOOD, JAMES W
PLOT NAME :
PLOT SCALE : 1:20.XREF
WSDOT/CADD SHEET 49

CROSS SECTIONS FOR INFORMATION ONLY
 EARTHWORK FOR GUARDRAIL TERMINAL PAID
 FOR USING GRADING, SHAPING, AND FINISHING BID ITEM

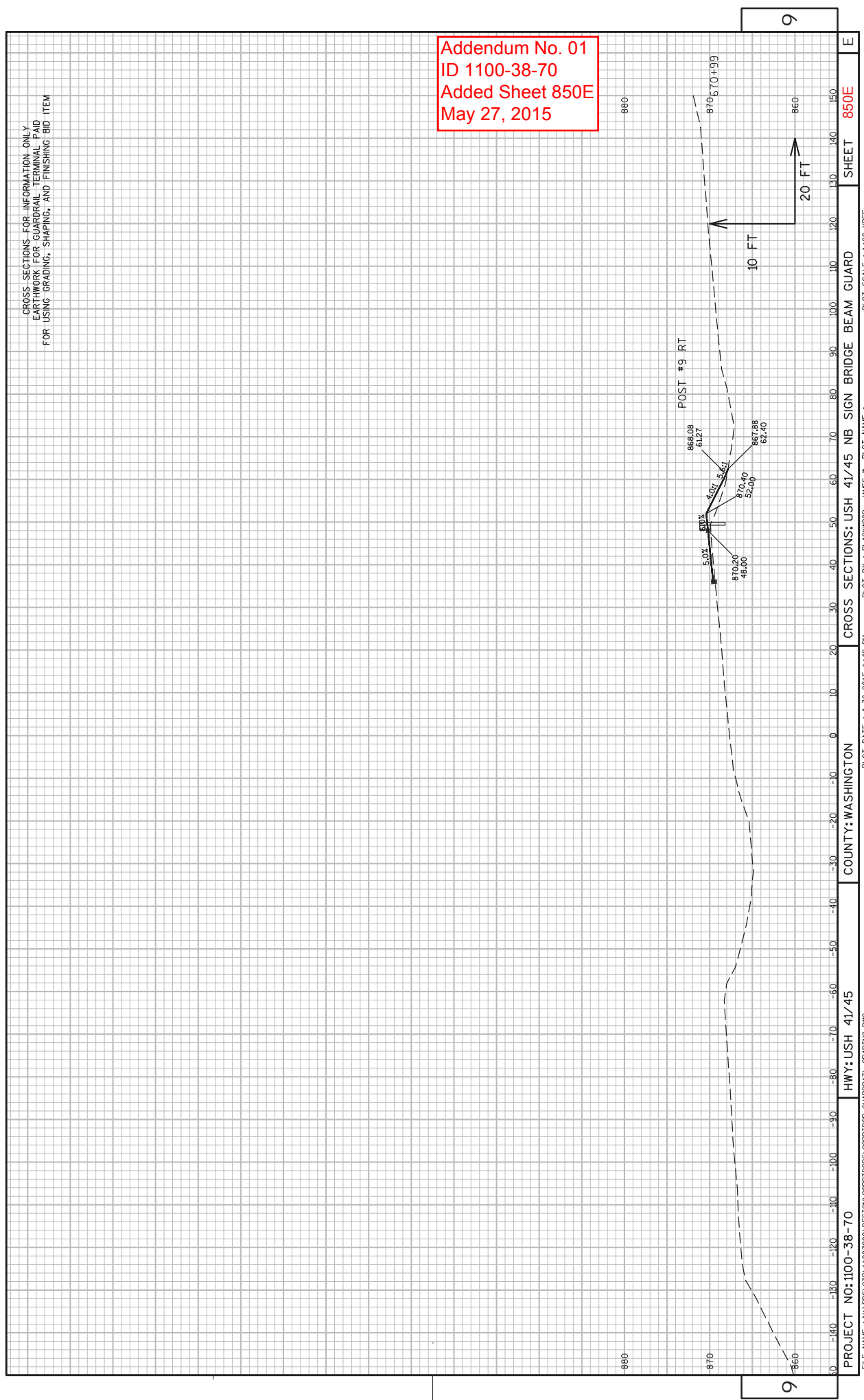


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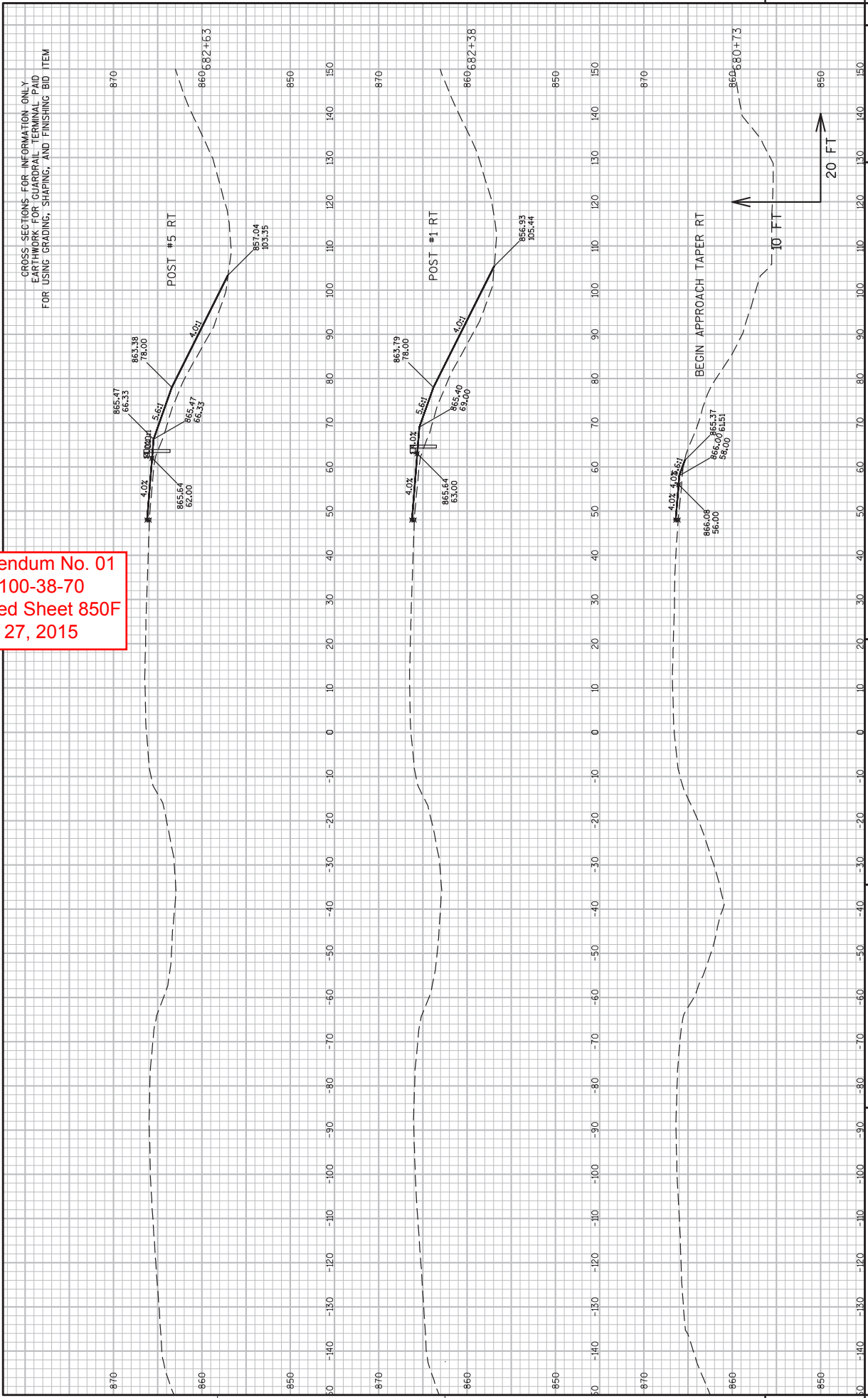
CROSS SECTIONS FOR INFORMATION ONLY
EARTHWORK FOR GUARDRAIL TERMINAL PAID
FOR USING GRADING, SHAPING, AND FINISHING BID ITEM

Addendum No. 01
ID 1100-38-70
Added Sheet 850E
May 27, 2015



PROJECT NO: 1100-38-70
HWY: USH 41/45
COUNTY: WASHINGTON
CROSS SECTIONS, USH 41/45 NB SIGN BRIDGE BEAM GUARD
SHEET 850E
E
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PLOT NAME :
PLOT SCALE : 1:20.XREF
WSDOT/CADD SHEET 49

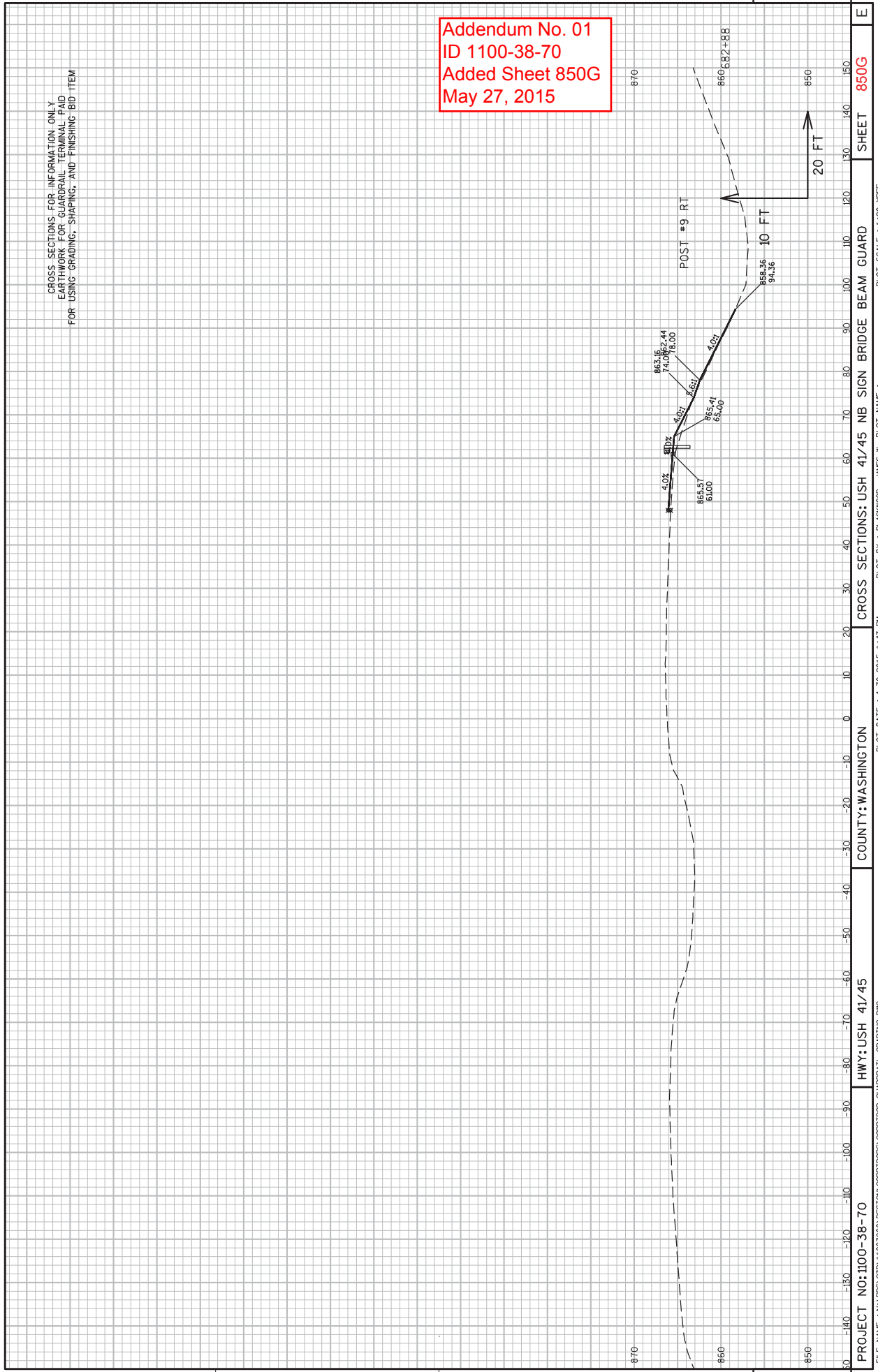
Addendum No. 01
 ID 1100-38-70
 Added Sheet 850F
 May 27, 2015



GROSS SECTIONS FOR INFORMATION ONLY.
 EXCEPT FOR GUARDRAIL, BEAM GUARD
 FOR USING GRADING, SHAPING, AND FINISHING BID ITEM

CROSS SECTIONS FOR INFORMATION ONLY.
EARTHWORK FOR GUARDRAIL TERMINAL PAID
FOR USING GRADING, SHAPING, AND FINISHING BID ITEM

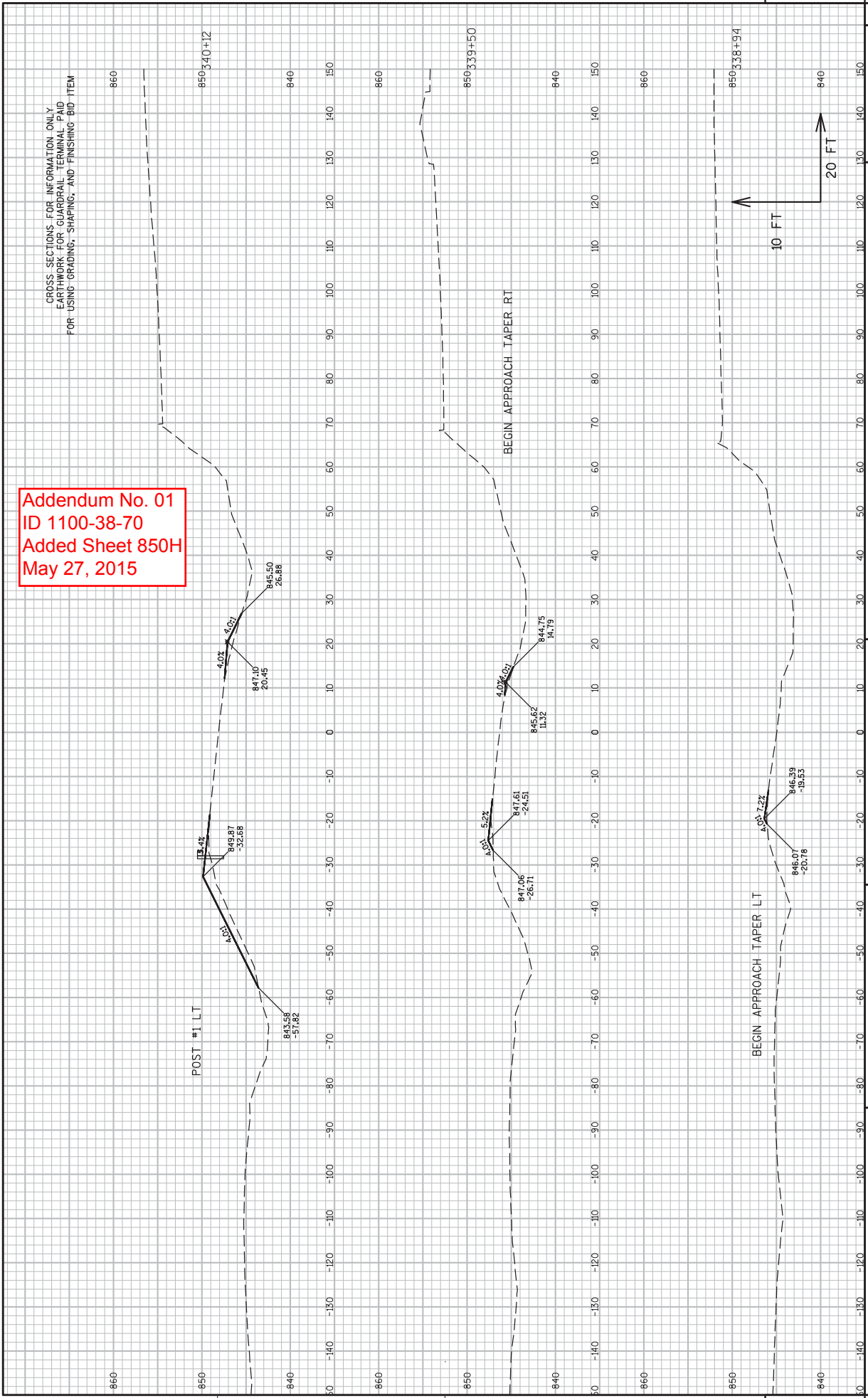
Addendum No. 01
ID 1100-38-70
Added Sheet 850G
May 27, 2015



PROJECT NO: 1100-38-70
HWY: USH 41/45
COUNTY: WASHINGTON
CROSS SECTIONS: USH 41/45 NB SIGN BRIDGE BEAM GUARD
SHEET 850G

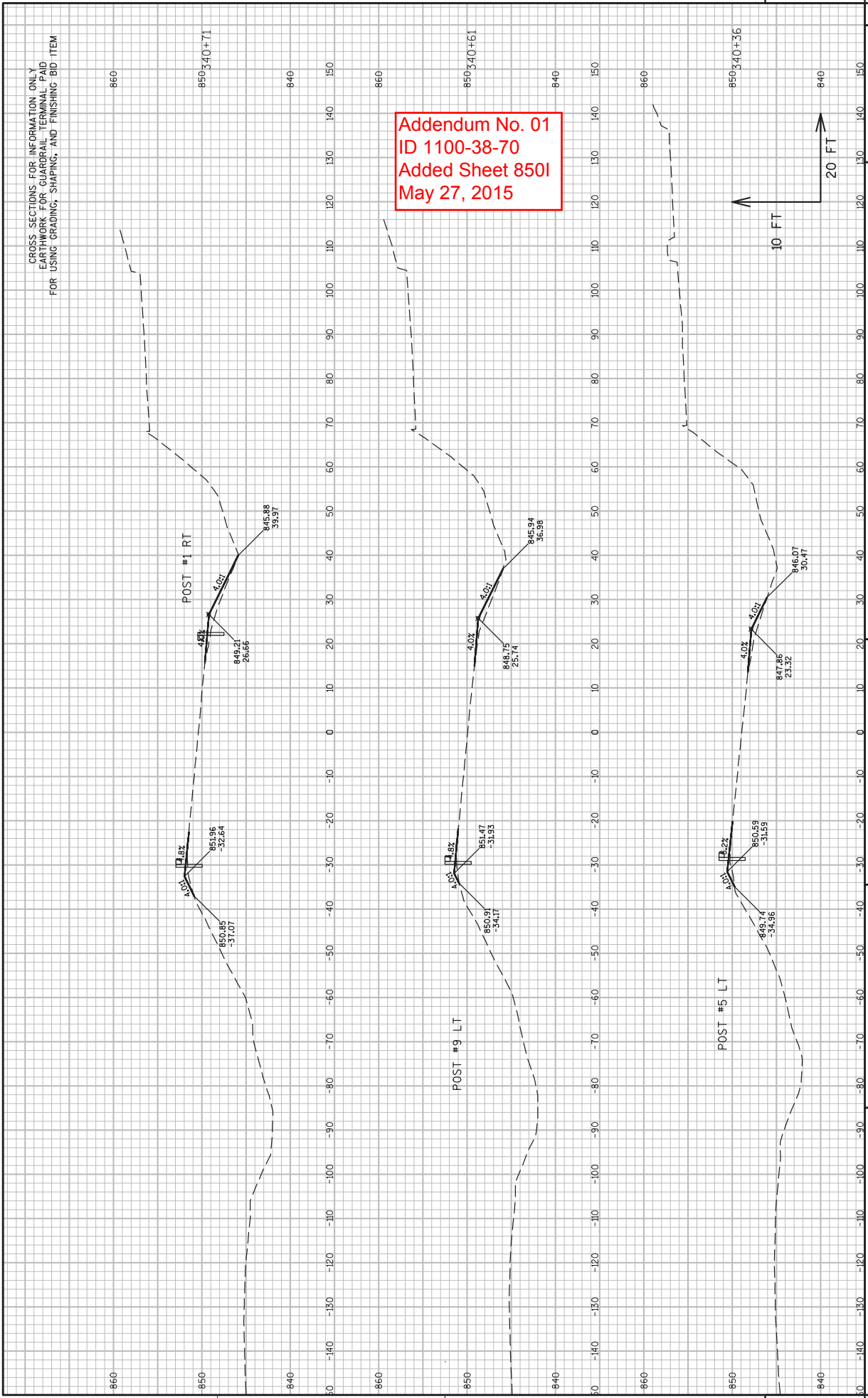
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PLOT SCALE : 1:20.XREF

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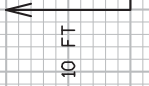


Addendum No. 01
 ID 1100-38-70
 Added Sheet 850H
 May 27, 2015

CROSS SECTIONS FOR INFORMATION ONLY
 EARTHWORK FOR GUARDRAIL TERMINAL PAID
 FOR USING GRADING, SHAPING, AND FINISHING BID ITEM

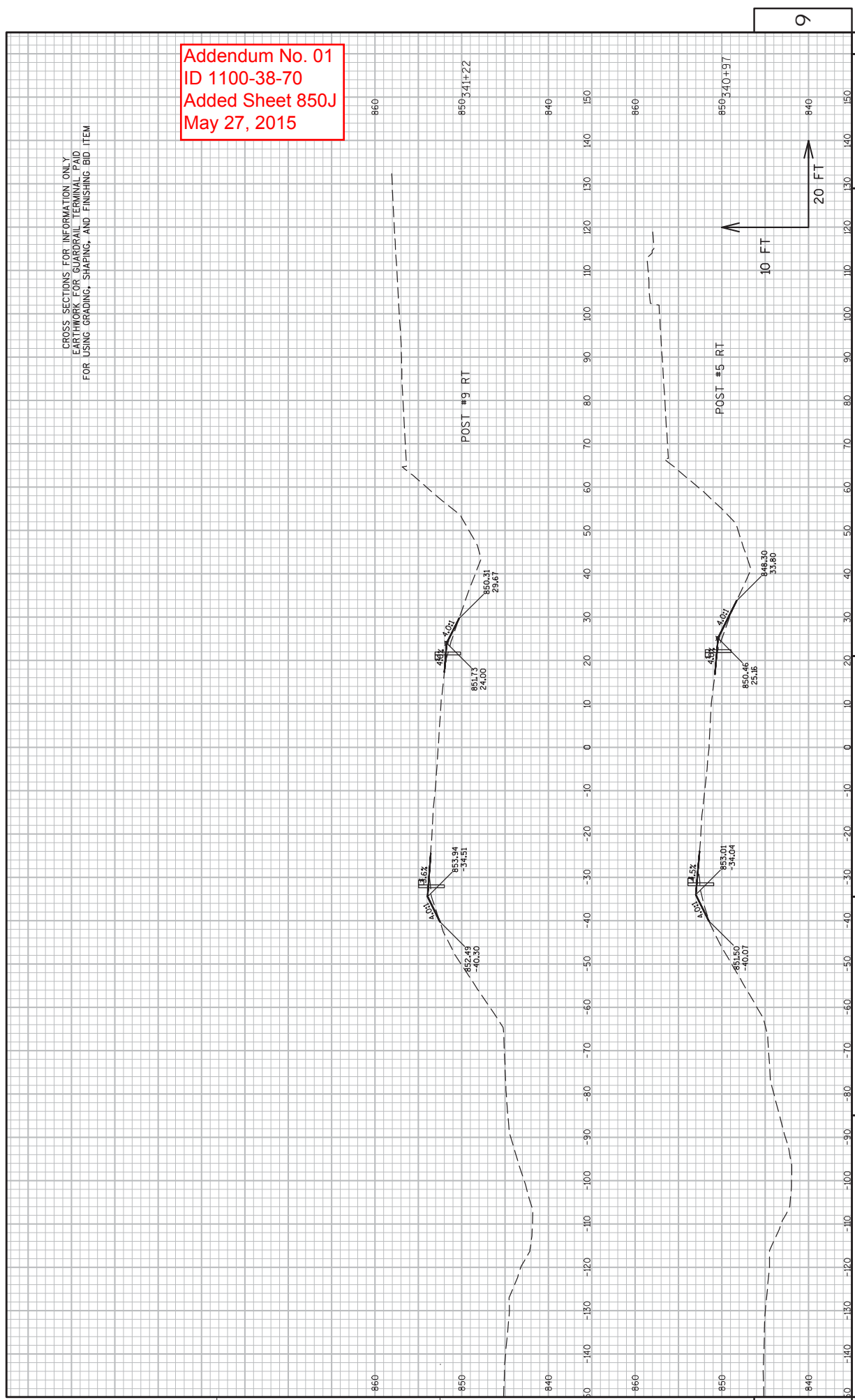


Addendum No. 01
 ID 1100-38-70
 Added Sheet 850I
 May 27, 2015



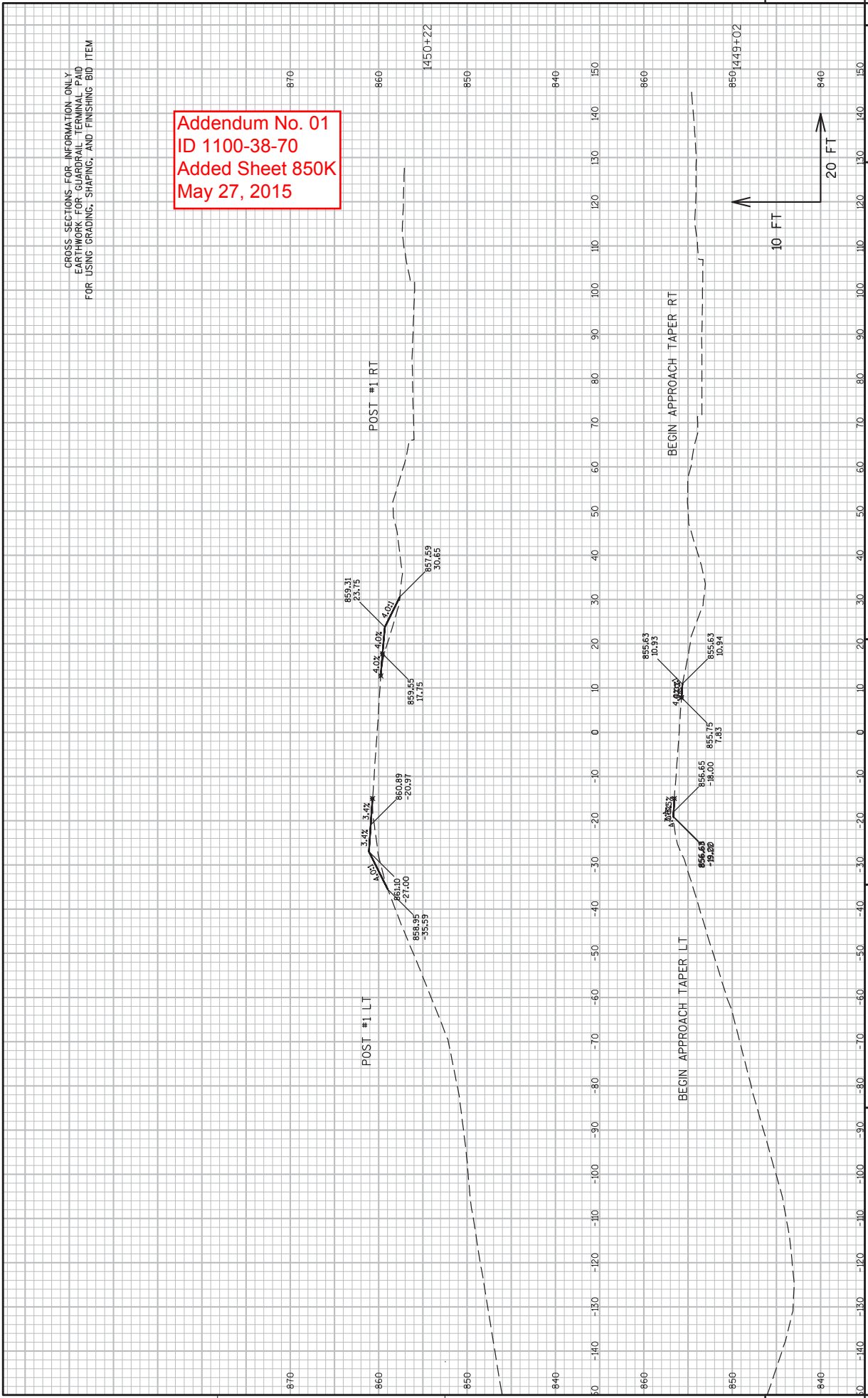
Addendum No. 01
 ID 1100-38-70
 Added Sheet 850J
 May 27, 2015

CROSS SECTIONS FOR INFORMATION ONLY
 EARTHWORK FOR GUARDRAIL TERMINAL PAID
 FOR USING GRADING, SHAPING, AND FINISHING BID ITEM



CROSS SECTIONS FOR INFORMATION ONLY
 EARTHWORK FOR GUARDRAIL TERMINAL PAID
 FOR USING GRADING, SHAPING, AND FINISHING BID ITEM

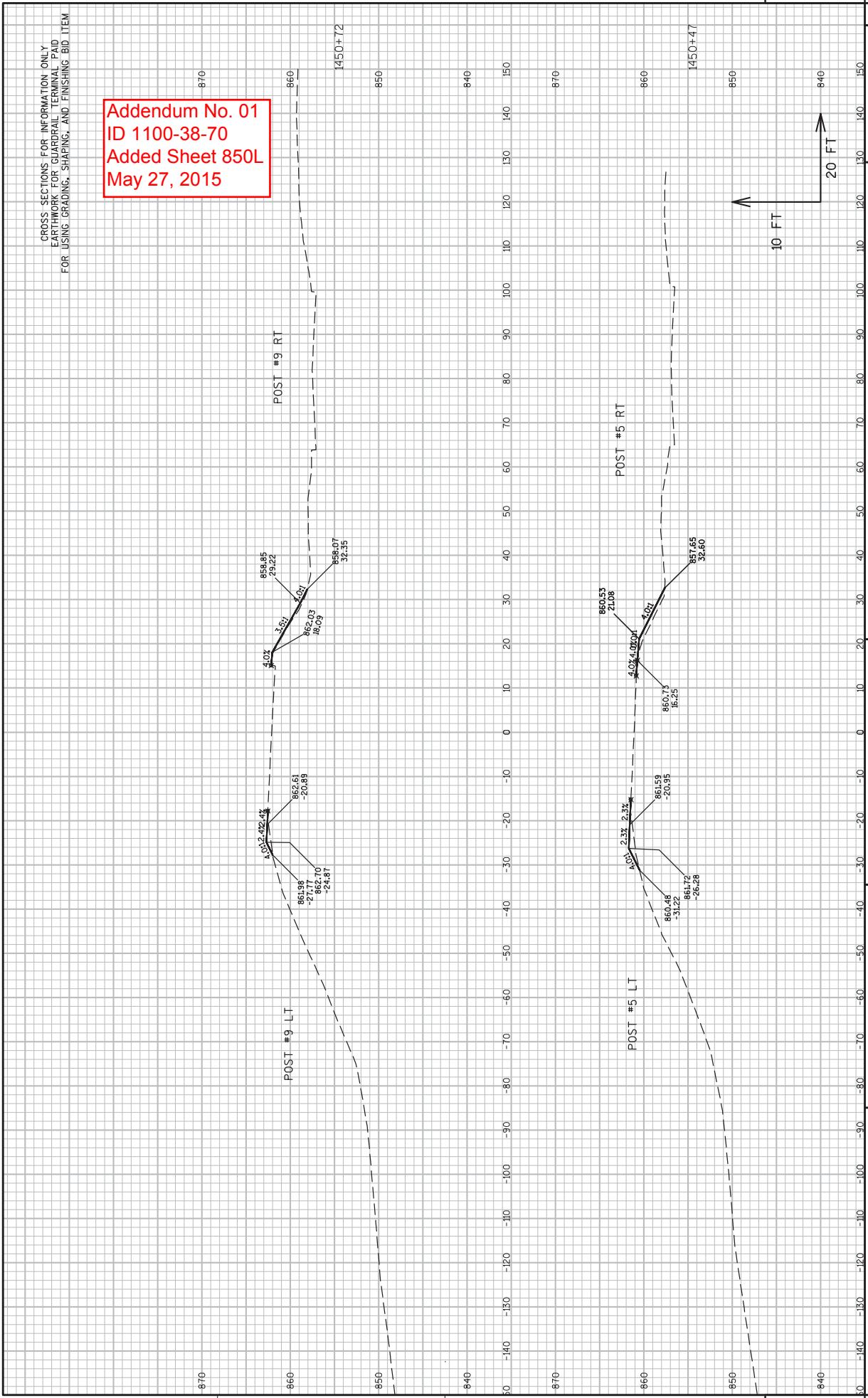
Addendum No. 01
 ID 1100-38-70
 Added Sheet 850K
 May 27, 2015



PROJECT NO: 1100-38-70	COUNTY: WASHINGTON	CROSS SECTIONS: STH 167 NB OFF RAMP BEAM GUARD	SHEET 850K
HWY: USH 41/45	FILE NAME : N:\POS\C3D\11003800\DESIGN\CORRIDOR\CORRIDOR-GUARDRAIL-GRADING.DWG	FLY DATE : 4/30/2015 1:44 PM	WSDOT/CADD SHEET 49

CROSS SECTIONS FOR INFORMATION ONLY
 EARTHWORK FOR GUARDRAIL TERMINAL PAID
 FOR USING GRADING, SHAPING, AND FINISHING BID ITEM

Addendum No. 01
 ID 1100-38-70
 Added Sheet 850L
 May 27, 2015

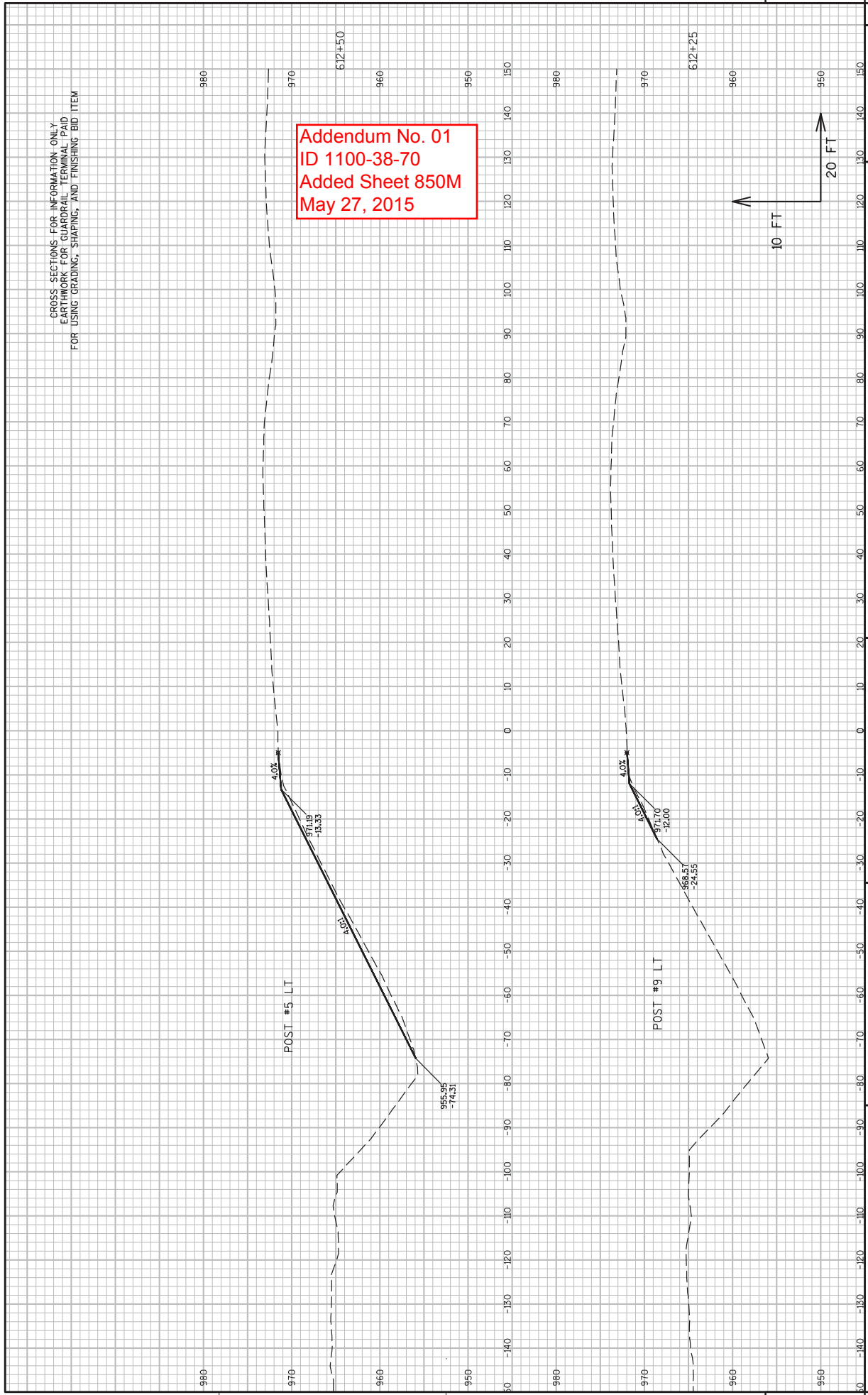


PROJECT NO: 1100-38-70
 COUNTY: WASHINGTON
 HWY: USH 41/45
 CROSS SECTIONS: STH 167 NB OFF RAMP BEAM GUARD
 SHEET 850L
 E

FILE NAME : N:\POS\C30\11003800\DESIGN\CORRIDOR\CORRIDOR-GUARDRAIL-GRADING.DWG
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 PLOT NAME :
 PLOT SCALE : 1:20.XREF
 WSDOT/CADD SHEET 49

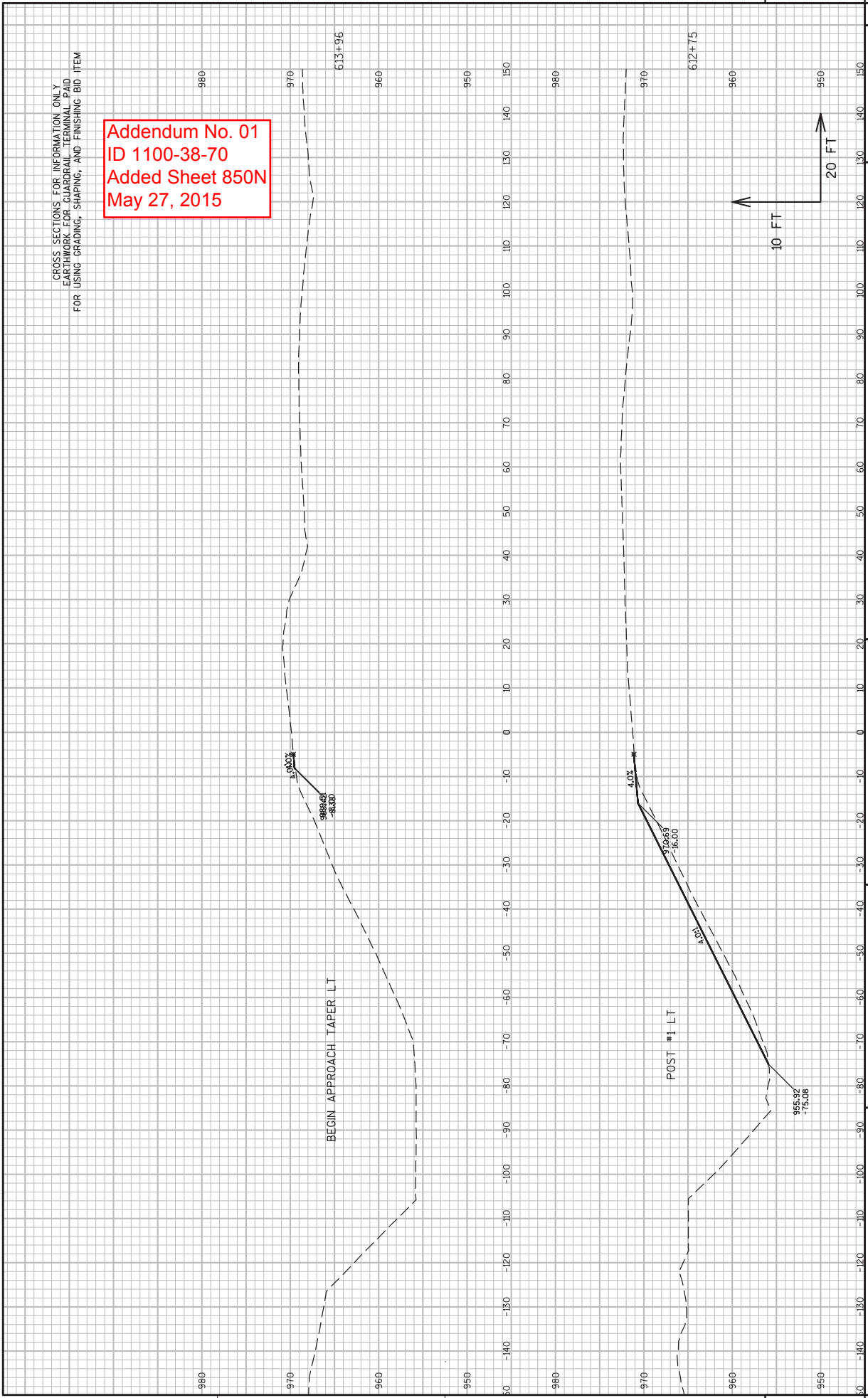
CROSS SECTIONS FOR INFORMATION ONLY
EARTHWORK FOR GUARDRAIL TERMINAL PAID
FOR USING GRADING, SHAPING, AND FINISHING BID ITEM

Addendum No. 01
ID 1100-38-70
Added Sheet 850M
May 27, 2015



CROSS SECTIONS FOR INFORMATION ONLY
EARTHWORK FOR GUARDRAIL TERMINAL PAID
FOR USING GRADING, SHAPING, AND FINISHING BID ITEM

Addendum No. 01
ID 1100-38-70
Added Sheet 850N
May 27, 2015



SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150609004PROJECT(S):
1100-15-71
1100-38-70
1100-47-70FEDERAL ID(S):
N/A
WISC 2015317
WISC 2015318

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0400	460.2000 Incentive Density HMA Pavement	107,870.000 DOL	1.00000		107870.00	
0410	460.4000 HMA Cold Weather Paving	39,220.000 TON	.		.	
0420	460.4110.S Reheating HMA Pavement Longitudinal Joints	615,290.000 LF	.		.	
0430	465.0110 Asphaltic Surface Patching	200.000 TON	.		.	
0440	465.0125 Asphaltic Surface Temporary	170.000 TON	.		.	
0450	465.0305 Asphaltic Surface Safety Islands	88.000 TON	.		.	
0460	465.0315 Asphaltic Flumes	259.000 SY	.		.	
0470	465.0400 Asphaltic Shoulder Rumble Strips	67,822.000 LF	.		.	
0480	502.6105 Masonry Anchors Type S 5/8-Inch	25.000 EACH	.		.	
0490	504.0100 Concrete Masonry Culverts	250.000 CY	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150609004PROJECT(S):
1100-15-71
1100-38-70
1100-47-70FEDERAL ID(S):
N/A
WISC 2015317
WISC 2015318

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0500	505.0410 Bar Steel Reinforcement HS Culverts	27,505.000 LB	.	.	.	.
0510	505.0610 Bar Steel Reinforcement HS Coated Culverts	875.000 LB	.	.	.	.
0520	511.1200 Temporary Shoring (structure) 01. B-66-0195	1,030.000 SF	.	.	.	.
0530	516.0500 Rubberized Membrane Waterproofing	35.000 SY	.	.	.	.
0540	520.7000 Cleaning Culvert Pipes	4.000 EACH	.	.	.	.
0550	520.8000 Concrete Collars for Pipe	11.000 EACH	.	.	.	.
0560	522.0136 Culvert Pipe Reinforced Concrete Class III 36-Inch	8.000 LF	.	.	.	.
0570	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	1.000 EACH	.	.	.	.
0580	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	1.000 EACH	.	.	.	.
0590	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	1.000 EACH	.	.	.	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150609004PROJECT(S):
1100-15-71
1100-38-70
1100-47-70FEDERAL ID(S):
N/A
WISC 2015317
WISC 2015318

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0700	606.0200 Riprap Medium	77.300 CY	.		.	
0710	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	482.000 LF	.		.	
0720	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	88.000 LF	.		.	
0730	611.0624 Inlet Covers Type H	4.000 EACH	.		.	
0740	611.0642 Inlet Covers Type MS	10.000 EACH	.		.	
0750	611.3004 Inlets 4-FT Diameter	1.000 EACH	.		.	
0760	611.3230 Inlets 2x3-FT	2.000 EACH	.		.	
0770	611.3901 Inlets Median 1 Grate	2.000 EACH	.		.	
0780	611.3902 Inlets Median 2 Grate	4.000 EACH	.		.	
0790	611.8115 Adjusting Inlet Covers	8.000 EACH	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150609004

PROJECT(S):
1100-15-71
1100-38-70
1100-47-70

FEDERAL ID(S):
N/A
WISC 2015317
WISC 2015318

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0800	611.8120.S Cover Plates Temporary	5.000 EACH	.		.	
0810	612.0204 Pipe Underdrain Unperforated 4-Inch	1,404.000 LF	.		.	
0820	612.0404 Pipe Underdrain Wrapped 4-Inch	36,600.000 LF	.		.	
0830	612.0804 Apron Endwalls for Underdrain Reinforced Concrete 4-Inch	15.000 EACH	.		.	
0840	614.0010 Barrier System Grading Shaping Finishing	15.000 EACH	.		.	
0850	614.0220 Steel Thrie Beam Bullnose Terminal	1.000 EACH	.		.	
0860	614.0230 Steel Thrie Beam	1,950.000 LF	.		.	
0870	614.0905 Crash Cushions Temporary	5.000 EACH	.		.	
0880	614.2300 MGS Guardrail 3	6,185.000 LF	.		.	
0890	614.2330 MGS Guardrail 3 K	5,137.500 LF	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150609004

PROJECT(S):
1100-15-71
1100-38-70
1100-47-70

FEDERAL ID(S):
N/A
WISC 2015317
WISC 2015318

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0900	614.2500 MGS Thrie Beam Transition	236.400 LF	.	.	.	.
0910	614.2610 MGS Guardrail Terminal EAT	17.000 EACH	.	.	.	.
0920	614.2620 MGS Guardrail Terminal Type 2	16.000 EACH	.	.	.	.
0930	619.1000 Mobilization	1.000 EACH	.	.	.	.
0940	620.0300 Concrete Median Sloped Nose	77.000 SF	.	.	.	.
0950	624.0100 Water	463.000 MGAL	.	.	.	.
0960	625.0100 Topsoil	3,190.000 SY	.	.	.	.
0970	625.0500 Salvaged Topsoil	13,910.000 SY	.	.	.	.
0980	628.1504 Silt Fence	7,370.000 LF	.	.	.	.
0990	628.1520 Silt Fence Maintenance	7,370.000 LF	.	.	.	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150609004PROJECT(S):
1100-15-71
1100-38-70
1100-47-70FEDERAL ID(S):
N/A
WISC 2015317
WISC 2015318

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1500	643.0715 Traffic Control Warning Lights Type C	21,623.000 DAY	.		.	
1510	643.0800 Traffic Control Arrow Boards	1,809.000 DAY	.		.	
1520	643.0900 Traffic Control Signs	49,280.000 DAY	.		.	
1530	643.0910 Traffic Control Covering Signs Type I	36.000 EACH	.		.	
1540	643.0920 Traffic Control Covering Signs Type II	251.000 EACH	.		.	
1550	643.1000 Traffic Control Signs Fixed Message	1,268.000 SF	.		.	
1560	643.1050 Traffic Control Signs PCMS	2,344.000 DAY	.		.	
1570	643.1055.S Truck or Trailer Mounted Attenuator 01. 1100-15-71	16.000 DAY	.		.	
1580	643.1055.S Truck or Trailer Mounted Attenuator 02. 1100-38-70	990.000 DAY	.		.	
1590	643.1055.S Truck or Trailer Mounted Attenuator 03. 1100-47-70	14.000 DAY	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150609004PROJECT(S):
1100-15-71
1100-38-70
1100-47-70FEDERAL ID(S):
N/A
WISC 2015317
WISC 2015318

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1600	643.2000 Traffic Control Detour (project) 02. 1100-38-70	1.000 EACH	.	.	.	.
1610	643.2000 Traffic Control Detour (project) 03. 1100-47-70	1.000 EACH	.	.	.	.
1620	643.3000 Traffic Control Detour Signs	3,542.000 DAY	.	.	.	.
1630	645.0105 Geotextile Fabric Type C	422.000 SY	.	.	.	.
1640	645.0120 Geotextile Fabric Type HR	161.000 SY	.	.	.	.
1650	645.0130 Geotextile Fabric Type R	17.000 SY	.	.	.	.
1660	646.0106 Pavement Marking Epoxy 4-Inch	163,800.000 LF	.	.	.	.
1670	646.0126 Pavement Marking Epoxy 8-Inch	2,366.000 LF	.	.	.	.
1680	646.0600 Removing Pavement Markings	198,290.500 LF	.	.	.	.
1690	646.0790.S Removing Raised Pavement Markers	24.000 EACH	.	.	.	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:	PROJECT(S):	FEDERAL ID(S):
20150609004	1100-15-71	N/A
	1100-38-70	WISC 2015317
	1100-47-70	WISC 2015318

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3580	SPV.0105 Special 33. Temp. Non Intrusive Veh. Video Det Sys For Int 41/45 Sb Ramp At Cth Q	LUMP	LUMP			.
3590	SPV.0105 Special 34. Temp. Non Intrusive Veh. Video Det Sys For Int 41/45 Nb Ramp At Cth Q	LUMP	LUMP			.
3600	SPV.0105 Special 35. Temp. Non Intrusive Veh. Video Det Sys For Int 41/45 Sb Ramp At Sth 167	LUMP	LUMP			.
3610	SPV.0105 Special 36. Temp. Non Intrusive Veh. Video Det Sys For Int 41/45 Nb Ramp At Sth 167	LUMP	LUMP			.
3620	SPV.0105 Special 37. Removing Concrete Barrier Transition Special	LUMP	LUMP			.
3630	SPV.0170 Special 01. Proof-Rolling Existing Base	STA	646.000	.		.
3640	SPV.0180 Special 01. Resin Binder High Friction Surface Treatment	SY	33,362.000	.		.
3650	SPV.0195 Special 01. Qmp Base Aggregate Dense 1 1/4-Inch Compaction	TON	36,556.000	.		.
3660	SPV.0195 Special 02. Coarse Aggregate Mix for Stream Bed	TON	20.700	.		.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150609004

PROJECT(S):
1100-15-71
1100-38-70
1100-47-70

FEDERAL ID(S):
N/A
WISC 2015317
WISC 2015318

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3670	614.2340 MGS Guardrail 3 L	225.000 LF	.		.	
	SECTION 0001 TOTAL				.	
	TOTAL BID				.	