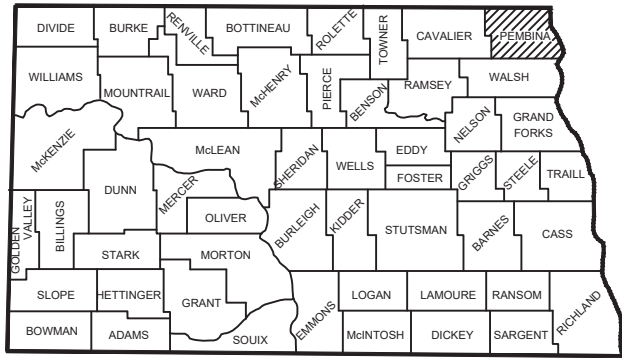




STATE OF NORTH DAKOTA
SHOWING COUNTIES

DESIGN DATA

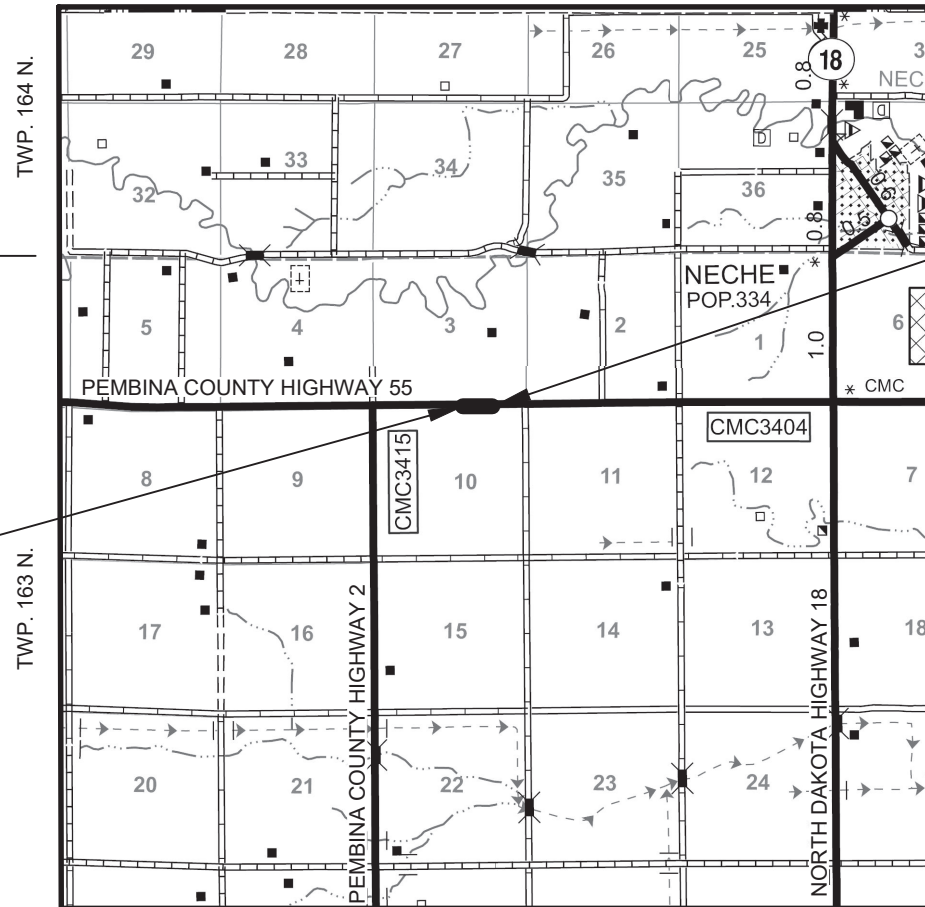
TRAFFIC		AVERAGE DAILY			EST. 30th MAX. HR.
		PASSENGER	TRUCKS	TOTAL	
CURRENT TRAFFIC	2024	345	40	385	39
TRAFFIC FORECAST	2044	380	45	425	43

DESIGN SPEED 55 MPH
MINIMUM SIGHT DISTANCE (STOPPING) 495 FEET
DESIGN LOADS FOR STRUCTURE: HL-93

PEMBINA COUNTY, NORTH DAKOTA
PLANS FOR FEDERAL AID PROJECT
CERP-3404(060) SLOPE STABILIZATION

Pembina County Highway 55 (CMC 3404)
Inslope Flattening, Concrete Erosion Control Blanket & Incidentals

The project is located along Pembina County Highway 55, approximately 1
mile south and 2.5 miles west of Neche, ND



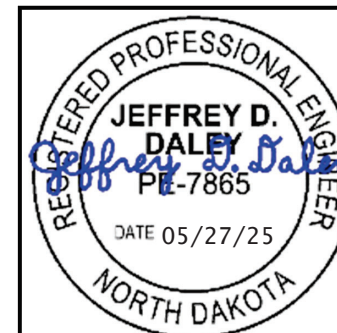
BEGIN PROJECT
STA. 10+00 = A POINT
APPROXIMATELY 2037
FEET WEST AND 110
FEET SOUTH OF THE
NORTHWEST CORNER
OF SEC. 11, TWP. 163 N.,
RGE. 54 W.

END PROJECT
STA. 19+00 = A POINT
APPROXIMATELY 1138
FEET WEST AND 69
FEET SOUTH OF THE
NORTHWEST CORNER
OF SEC. 11, TWP. 163 N.,
RGE. 54 W.

DESIGNER Charlie Thompson
DESIGNER Samantha Schoepfer, PE
DESIGNER -
DESIGNER -
DESIGNER -

PS&E Correction Made
Surveyed & Designed Date

April - May 2025
October 2024 - April 2025

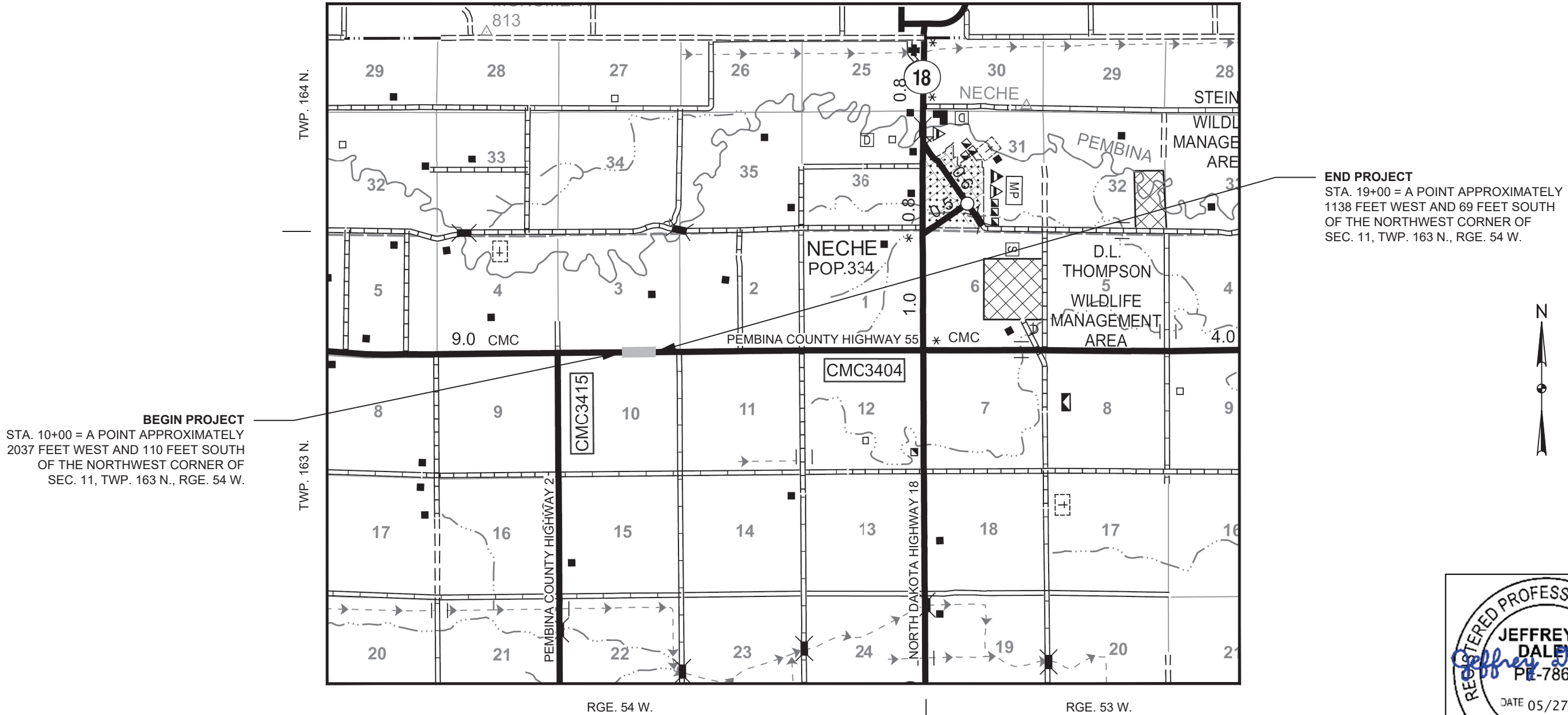


864 WEST 12TH ST
GRAFTON, ND 58237-2120
(701) 352-1555, FAX (855) 288-8055

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1	1	Title Sheet	D-101-1, 2, 3, 4	NDDOT Abbreviations					
2	1	Table of Contents	D-101-10	NDDOT Utility Company and Organization Abbreviations					
4	1	Scope of Work	D-101-20, 21	Line Styles					
6	1	Plan Notes	D-101-30, 31, 32, 33	Symbols					
8	1	Estimated Quantities	D-260-1	Erosion And Siltation Controls - Silt Fence					
10	1	Basis of Estimate	D-261-1	Erosion Control - Fiber Roll Placement Details					
20	1	Concrete Erosion Control Blanket Details	D-704-7	Breakaway Systems For Construction Zone Signs - Perforated Tube					
30	1	Typical Sections	D-704-8	Breakaway Systems For Construction Zone Signs - U-Channel Post					
60	1 - 2	Plan & Profile	D-704-9	Construction Sign Details - Terminal And Guide Signs					
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77	1 - 2	Permanent Erosion Control	D-704-11, 11A	Construction Sign Details - Warning Signs					
81	1	Survey Coordinate and Curve Data	D-704-13	Barricade And Channelizing Device Details					
100	1 - 2	Work Zone Traffic Control	D-704-14	Construction Sign Punching And Mounting Details					
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			D-704-26	Miscellaneous Sign Layouts					
			D-704-50	Portable Sign Support Assembly					
			D-708-6	Erosion And Siltation Controls - Median Or Ditch Inlet Protection					
			D-714-4	Round Corrugated Steel Pipe Culverts And End Sections					
			D-714-27	Pipe Installation Detail for Longitudinal Mainline Pipe or Pipe Not Under the Roadway					

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	CERP-3404(060)	4	1

INSLOPE FLATTENING, CONCRETE EROSION CONTROL BLANKET, AND INCIDENTALS



BEGIN PROJECT
STA. 10+00 = A POINT APPROXIMATELY
2037 FEET WEST AND 110 FEET SOUTH
OF THE NORTHWEST CORNER OF
SEC. 11, TWP. 163 N., RGE. 54 W.

END PROJECT
STA. 19+00 = A POINT APPROXIMATELY
1138 FEET WEST AND 69 FEET SOUTH
OF THE NORTHWEST CORNER OF
SEC. 11, TWP. 163 N., RGE. 54 W.



CERP-3404(060) PEMBINA COUNTY, NORTH DAKOTA PEMBINA COUNTY HIGHWAY 55		
KLJ		
SCOPE OF WORK	DRWN. BY CWT	CHKD BY JDD
	PROJECT NO. 2302-01708	

PLAN NOTES

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	CERP-3404(060)	6	1

- 100-P01

COORDINATION: This project is tied to Project No. CERP-3411(064) PCN 24087 in Pembina County.
- 100-P02

UTILITIES: Utilities that the Engineer has been made aware of are shown in the plans. Other utilities may exist that are not shown. The horizontal utility locations shown in the plans and specifications are approximate. Plan locations should not be interpreted as exact for bidding or construction purposes. All utilities are to be protected in place.
- 100-P03

EROSION CONTROL: Bid items Silt Fence and Fiber Rolls are included for use in conjunction with the Contractor's SWPPP. These quantities may be eliminated depending on the Contractor's operation. An estimated quantity has been set up for each item.
- 203-010

SHRINKAGE: 35 percent additional volume is included for shrinkage in earth embankment.
- 203-P01

TOPSOIL: The quantity of topsoil to be removed, salvaged, and respread is based upon an assumed existing depth of 6 inches. Make arrangements for topsoil storage areas if sufficient room is not available within the right of way. No payment will be made for additional handling of topsoil that must be moved to provide additional excavation area between the proposed grading limits and the right of way. Re-spread topsoil evenly over the areas to be seeded. The bid item "TOPSOIL" includes all labor, materials, and equipment associated with stripping, stockpiling, and resspreading the existing topsoil. "TOPSOIL" will be paid at plan quantity.
- 251-P01

SEEDING & MULCHING: Cover all disturbed areas of the right of way, except the roadbed with Seeding CI II and Straw Mulch.
- 411-P01

MILLING PAVEMENT SURFACE: Mill the existing roadway surface (See Milling Typical Section in Section 30, Sheet 1).

Payment for milling is based on a 12-foot driving lane shown on the typical sections. Sloughs, if present, will not be measured for payment but will be incidental to the respective bid item for milling.

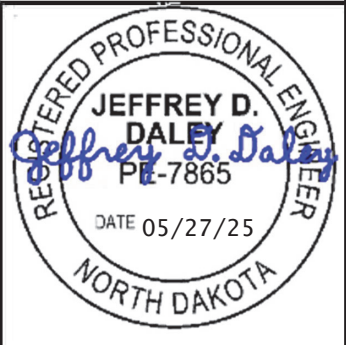
The excess milled material will remain the property of the Owner, Pembina County. "MILLING PAVEMENT SURFACE" includes all labor, material and equipment required to mill, haul, and stockpile the millings at the Pembina County shop, located in Cavalier, ND. Coordinate delivery with the Pembina County Highway Department. The contact is Devin Johnson, (701)-520-4373.
- 430-P01

COMMERCIAL GRADE HOT MIX ASPHALT: Any costs associated with providing the mix design shall be included in the price bid for "COMMERCIAL GRADE HOT MIX ASPHALT".
- 430-P02

COMPACTION: Ordinary Compaction, as specified in NDDOT Standard Specification 430.04 I.3, will be used for all hot mix asphalt.
- 704-P01

TRAFFIC CONTROL: Use the construction signing layout on Section 100, Sheet 2 for the lane closure of Pembina County Highway 55.
- 714-P01

CULVERT EXTENSION: At Station 14+30, 15 LF corrugated steel pipe will be added to the existing culvert to extend it to the south. The pipe is required to be Galvanized Corrugated Steel Pipe, 16 gauge (.064IN), Helical, 2-2/3" x 1/2" corrugations. The pipe shall be installed per Standard Drawing D-714-27 and Specification Section 714.04. The Geosynthetic Material Type RR and Concrete Erosion Control Blanket shall be installed to fit around the culvert. All costs associated with the materials and labor for connecting the new pipe to the existing pipe is incidental to the bid item "PIPE CONDUIT 24IN".



CERP-3404(060)
PEMBINA COUNTY, NORTH DAKOTA
PEMBINA COUNTY HIGHWAY 55

PLAN NOTES

DRWN. BY
CWT

CHKD. BY
JDD

PROJECT NO.
2302-01708

Estimated Quantities

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	CERP-3404(060)	8	1

SPEC	CODE	ITEM DESCRIPTION	UNIT	MAINLINE	TOTAL
103	0100	CONTRACT BOND	L SUM	0.89	0.89
203	0102	COMMON EXCAVATION-TYPE B	CY	545	545
203	0109	TOPSOIL	CY	1481	1481
203	0140	BORROW-EXCAVATION	CY	276	276
216	0100	WATER	M GAL	8	8
251	0200	SEEDING CLASS II	ACRE	1.52	1.52
251	2000	TEMPORARY COVER CROP	ACRE	0.32	0.32
253	0101	STRAW MULCH	ACRE	1.84	1.84
255	0300	CONCRETE EROSION CONTROL BLANKET	SY	5834	5834
260	0200	SILT FENCE SUPPORTED	LF	50	50
260	0201	REMOVE SILT FENCE SUPPORTED	LF	50	50
261	0112	FIBER ROLLS 12IN	LF	760	760
261	0113	REMOVE FIBER ROLLS 12IN	LF	220	220
302	0120	AGGREGATE BASE COURSE CL 5	TON	157	157
411	0105	MILLING PAVEMENT SURFACE	SY	933	933
430	0500	COMMERCIAL GRADE HOT MIX ASPHALT	TON	117	117
702	0100	MOBILIZATION	L SUM	0.89	0.89
704	0100	FLAGGING	MHR	20	20
704	1000	TRAFFIC CONTROL SIGNS	UNIT	768	768
704	1052	TYPE III BARRICADE	EA	10	10
704	1060	DELINEATOR DRUMS	EA	10	10
704	1067	TUBULAR MARKERS	EA	30	30
709	0155	GEOSYNTHETIC MATERIAL TYPE RR	SY	5834	5834
714	4105	PIPE CONDUIT 24IN	LF	15	15
762	0430	SHORT TERM 4IN LINE-TYPE NR	LF	175	175
762	1104	PVMT MK PAINTED 4IN LINE	LF	875	875

BASIS OF ESTIMATE

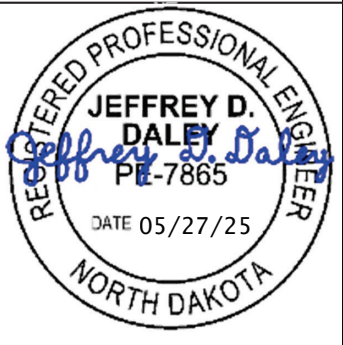
Commercial Grade HMA	2.0 Ton/CY
Aggregate Base Course CL 5	1.875 Ton/CY
Seeding & Mulching	All disturbed areas within the right of way and project limits minus hard surfaces.
Water	10 Gal/CY for Embankment

Earthwork Summary						
Earthwork				Topsoil		
Spec and Code		203-0102	203-0140		203-0109	
Location	Embankment ²	Common Excavation-Type B	Borrow Excavation	Topsoil Embankment	Topsoil	Excess Topsoil
	A	B	C = A - B	D	E	F = E - D
PEMBINA COUNTY HIGHWAY 55	821	545	276	415	1481	1066 ¹

1) Topsoil quantities based on 6" stripping and 6" respreading. Excess topsoil shall become property of the Contractor.
2) Embankment quantities include 35% for shrinkage.

PAVEMENT MARKING

DESCRIPTION		UNIT	QUANTITY PER LOCATION
4" Yellow Center Lines (10' Line, 30' Skip)			
Sta. 11+00 to Sta. 18+00		LF	175
Subtotal		LF	175
Total 4" Yellow Pavement Marking Paint		LF	175
4" White Edge Lines			
Sta. 11+00 to Sta. 18+00	RT	LF	700
Subtoal		LF	700
Total 4" White Pavement Marking Paint		LF	700
Total 4" Pavement Marking Paint		LF	875



CERP-3404(060)
PEMBINA COUNTY, NORTH DAKOTA
PEMBINA COUNTY HIGHWAY 55



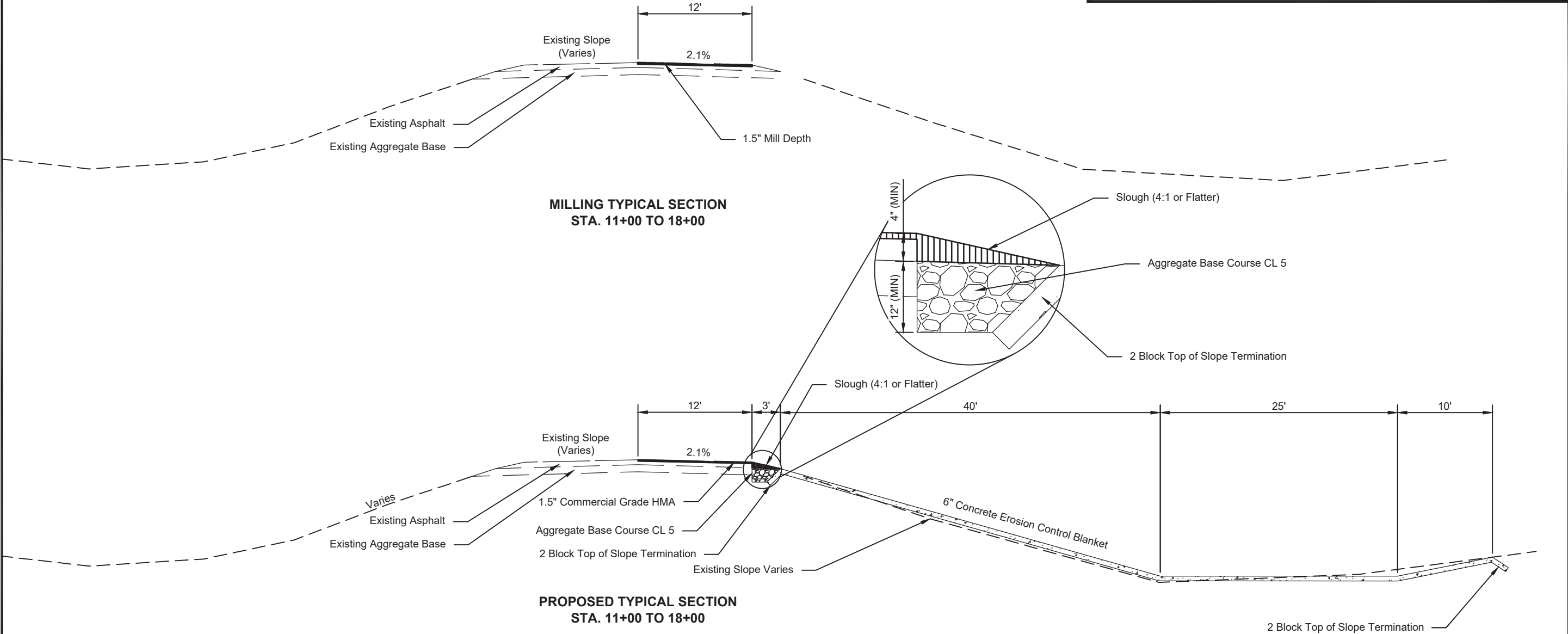
BASIS OF ESTIMATE & EARTHWORK SUMMARY

DRWN. BY
CWT

CHKD BY
JDD

PROJECT NO.
2302-01708

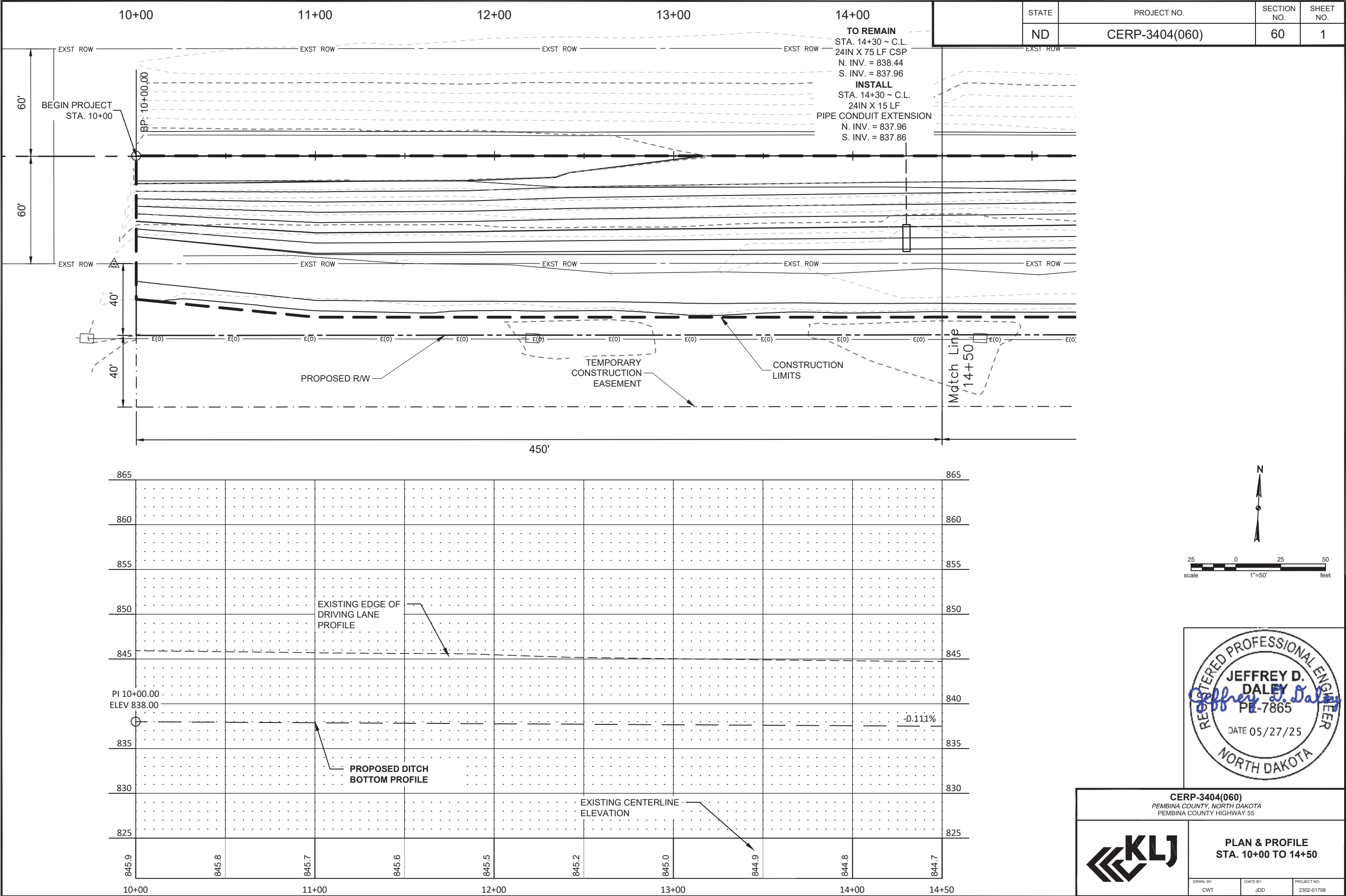
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	CERP-3404(060)	30	1



- Notes:
- 1) The Contractor shall grade the inslope so that it is a uniform slope from the edge of the slough to the proposed ditch elevation 40 feet from the edge of the slough and then they shall have a 25 foot flat ditch bottom and then daylight to the existing ground at a width of 10 feet.
 - 2) The subgrade used on the inslope must be compacted and approved by the Engineer. Once approved, the Contractor shall install Geosynthetic Material Type RR and the Concrete Erosion Control Blanket per the manufactures specifications. This shall be done for the 40 feet from the edge of the slough, the 25 foot ditch bottom, and the 10 foot backslope. The rest of the disturbed ground shall be covered with 6 inches of topsoil.
 - 3) Topsoil shall be used to fill in all open areas of the Concrete Erosion Control Blanket that is not under the slough. Any area of the Concrete Erosion Control Blanket that is under the slough must be filled with Aggregate Base Course CL 5.
 - 4) Full depth removal of asphalt and aggregate shall be limited to only the proposed slough. The full depth removal of asphalt and aggregate at the proposed slough is to allow for proper installation and compaction for the 2 Block Top Slope Termination and shall be limited to the 3 foot width of the proposed slough. If additional asphalt and or aggregate is removed from the driving lane the Contractor shall install 12 inches Aggregate Base Course CL 5 and 4 inches of Commercial Grade HMA at the Contractor's expense.
 - 5) From Sta. 10+00 to Sta. 11+00 and from Sta. 18+00 to 19+00 the Contractor shall transition from the existing inslope and ditch bottom to the proposed inslope and ditch bottom.

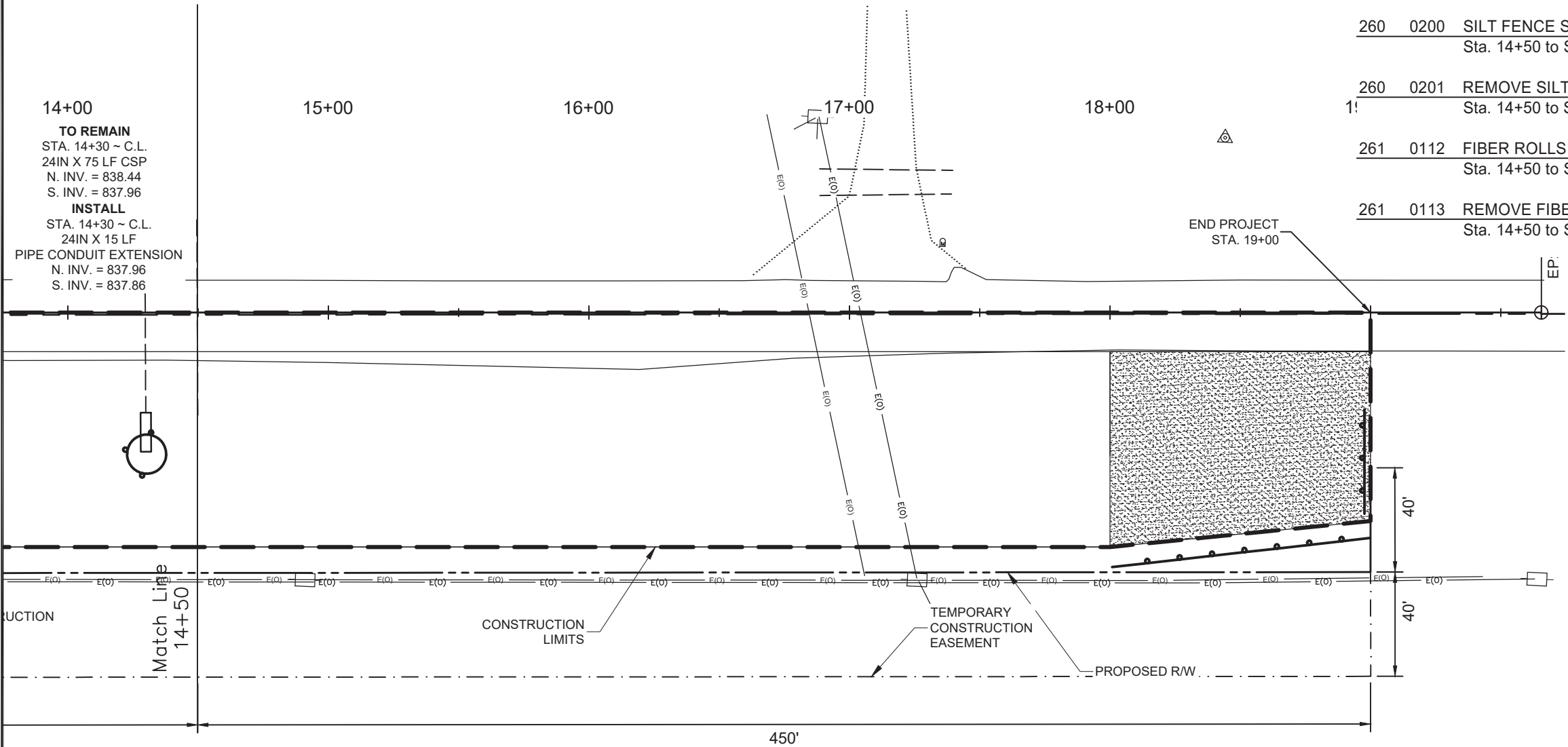


CERP-3404(060) PEMBINA COUNTY, NORTH DAKOTA PEMBINA COUNTY HIGHWAY 55		
		TYPICAL SECTIONS
DRWN. BY CWT	CHKD BY JDD	PROJECT NO. 2302-01708



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	CERP-3404(060)	76	2

SPEC CODE	BID ITEM	QTY	UNIT
251	2000 TEMPORARY COVER CROP Sta. 14+50 to Sta. 19+00	0.16	ACRE
253	0101 STRAW MULCH Sta. 14+50 to Sta. 19+00	0.16	ACRE
260	0200 SILT FENCE SUPPORTED Sta. 14+50 to Sta. 19+00	25	LF
260	0201 REMOVE SILT FENCE SUPPORTED Sta. 14+50 to Sta. 19+00	25	LF
261	0112 FIBER ROLLS 12IN Sta. 14+50 to Sta. 19+00	120	LF
261	0113 REMOVE FIBER ROLLS 12IN Sta. 14+50 to Sta. 19+00	120	LF



NOTE:
1. EROSION CONTROL DEVICE LOCATIONS SHOWN ARE APPROXIMATE. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD ACCORDING TO CONTRACTOR'S SWPPP.
2. A QUANTITY OF 50 LF OF SILT FENCE SUPPORTED HAS BEEN PROVIDED FOR USE DEPENDING ON SITE CONDITIONS.

TEMPORARY COVER CROP/STRAW MULCH
FIBER ROLLS 12IN



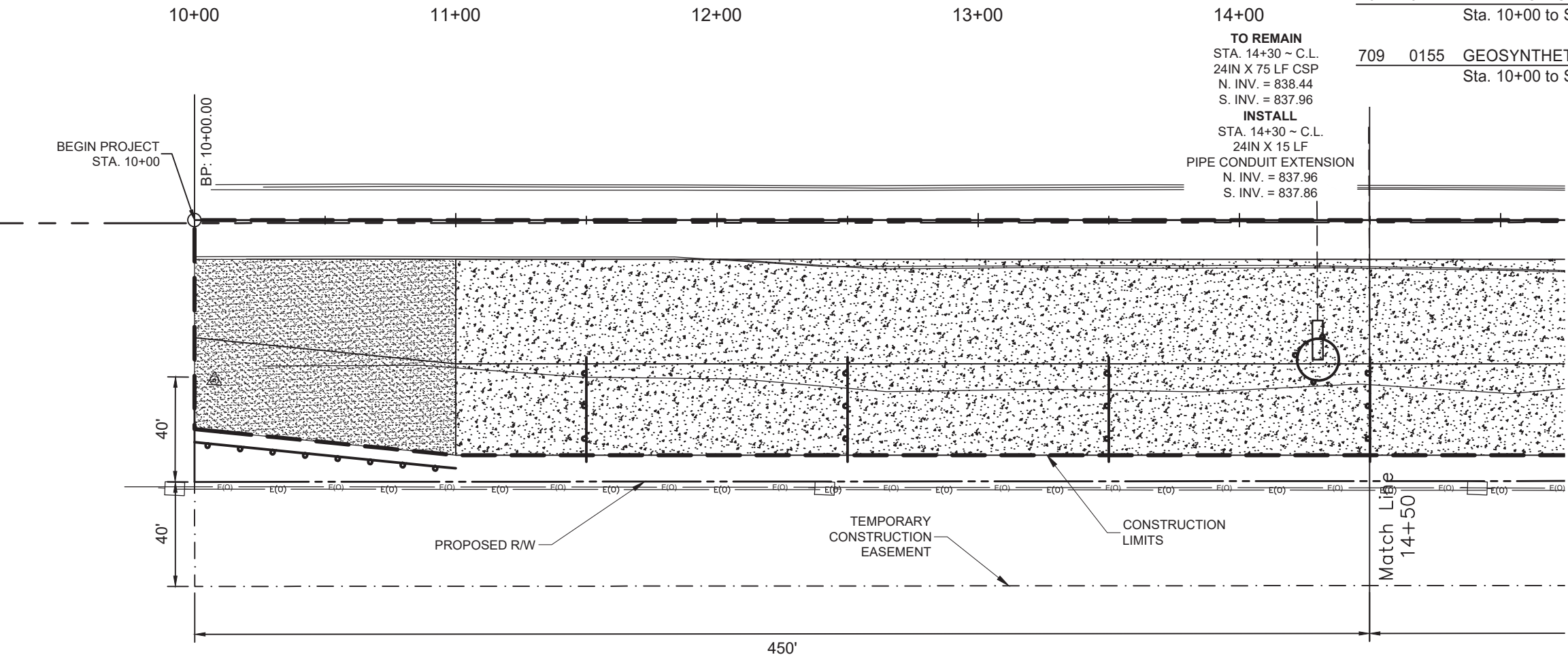
CERP-3404(060)
PEMBINA COUNTY, NORTH DAKOTA
PEMBINA COUNTY HIGHWAY 55

TEMPORARY
EROSION CONTROL
STA. 14+50 TO 19+00

DRWN. BY: CWT
CHKD BY: JDD
PROJECT NO.: 2302-01708

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	CERP-3404(060)	77	1

SPEC CODE	BID ITEM	QTY	UNIT
251 0200	SEEDING CLASS II Sta. 10+00 to Sta. 14+50	0.76	ACRE
253 0101	STRAW MULCH Sta. 10+00 to Sta. 14+50	0.76	ACRE
255 0300	CONCRETE EROSION CONTROL BLANKET Sta. 10+00 to Sta. 14+50	2,917	SY
261 0112	FIBER ROLLS 12IN Sta. 10+00 to Sta. 14+50	280	LF
709 0155	GEOSYNTHETIC MATERIAL TYPE RR Sta. 10+00 to Sta. 14+50	2,917	SY



CERP-3404(060)
PEMBINA COUNTY, NORTH DAKOTA
PEMBINA COUNTY HIGHWAY 55

KLJ

DRWN BY
CWT

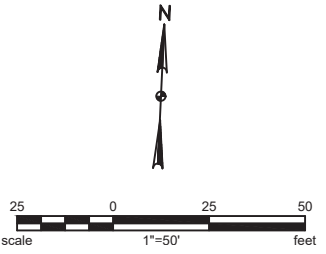
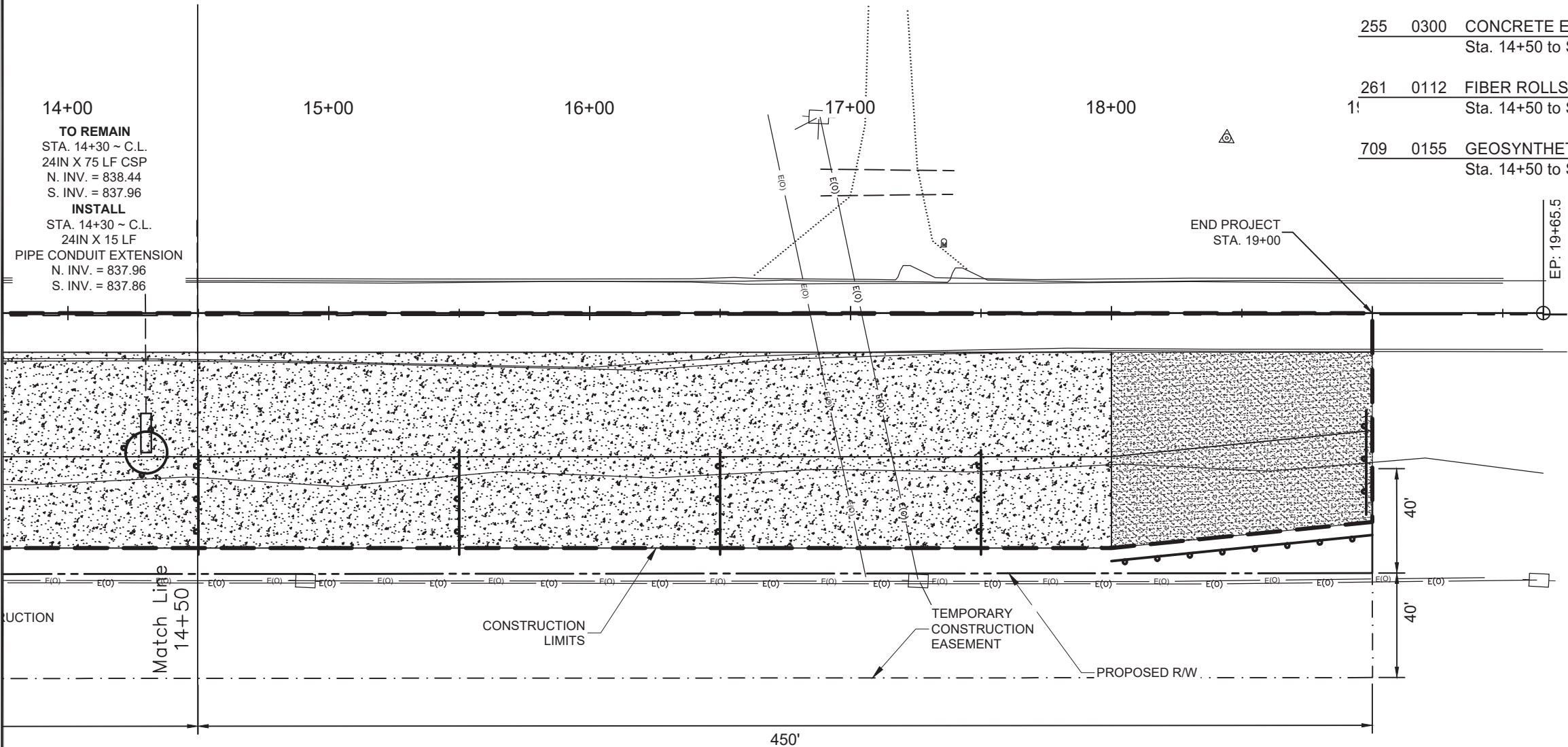
**PERMANENT
EROSION CONTROL
STA. 10+00 TO 14+50**

CHKD BY
JDD

PROJECT NO.
2302-01708

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	CERP-3404(060)	77	2

SPEC CODE	BID ITEM	QTY	UNIT
251 0200	SEEDING CLASS II Sta. 14+50 to Sta. 19+00	0.76	ACRE
253 0101	STRAW MULCH Sta. 14+50 to Sta. 19+00	0.76	ACRE
255 0300	CONCRETE EROSION CONTROL BLANKET Sta. 14+50 to Sta. 19+00	2,917	SY
261 0112	FIBER ROLLS 12IN Sta. 14+50 to Sta. 19+00	260	LF
709 0155	GEOSYNTHETIC MATERIAL TYPE RR Sta. 14+50 to Sta. 19+00	2,917	SY



CERP-3404(060)
PEMBINA COUNTY, NORTH DAKOTA
PEMBINA COUNTY HIGHWAY 55

**PERMANENT
EROSION CONTROL
STA. 14+50 TO 19+00**

DRWN. BY CWT	CHKD BY JDD	PROJECT NO. 2302-01708
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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	CERP-3404(060)	100	1

SIGN NUMBER	SIGN SIZE	DESCRIPTION	AMOUNT REQUIRED	UNITS PER AMOUNT	UNITS SUB TOTAL
E5-1-48	48"x48"	EXIT GORE		35	
G20-1-60	60"x24"	ROAD WORK NEXT MILES		28	
G20-1b-60	60"x24"	NO WORK IN PROGRESS (Sign and installation only)		18	
G20-2-48	48"x24"	END ROAD WORK	2	26	52
G20-4-36	36"x18"	PILOT CAR FOLLOW ME (Mounted to back of pilot car)		18	
G20-4b-36	36"x30"	WAIT FOR PILOT CAR		18	
G20-50a-72	72"x36"	ROAD WORK NEXT MILES RT & LT ARROWS		43	
G20-52a-72	72"x24"	ROAD WORK NEXT MILES RT or LT ARROW	2	36	72
G20-55-96	96"x48"	SPEED LIMIT ENFORCED - MINIMUM FEE \$80 WHEN WORKERS PRESENT		59	
M1-1-36	36"x36"	INTERSTATE ROUTE MARKER (Post and installation only)		11	
M1-4-24	24"x24"	U.S. ROUTE MARKER (Post and installation only)		10	
M1-5-24	24"x24"	STATE ROUTE MARKER (Post and installation only)		10	
M3-1-24	24"x12"	NORTH (Mounted on route marker post)		7	
M3-2-24	24"x12"	EAST (Mounted on route marker post)		7	
M3-3-24	24"x12"	SOUTH (Mounted on route marker post)		7	
M3-4-24	24"x12"	WEST (Mounted on route marker post)		7	
M4-8-24	24"x12"	DETOUR (Mounted on route marker post)		7	
M4-9-30	30"x24"	DETOUR ARROW RIGHT or LEFT/AHD AND RT or LT		15	
M4-10-48	48"x18"	DETOUR (INSIDE ARROW) RIGHT or LEFT (Mounted on barricade)		7	
M5-1-21	21"x15"	ADVANCE TURN ARROW RT or LT(Mounted on route marker post)		7	
M5-1-30	30"x21"	ADVANCE TURN ARROW RT or LT(Mounted on route marker post)		9	
M6-1-21	21"x15"	DIRECTIONAL ARROW RT or LT (Mounted on route marker post)		7	
M6-1-30	30"x21"	DIRECTIONAL ARROW RT or LT (Mounted on route marker post)		9	
M6-3-21	21"x15"	DIRECTIONAL ARROW UP (Mounted on route marker post)		7	
R1-1-48	48"x48"	STOP		32	
R1-2-60	60"x60"	YIELD		29	
R2-1-36	36"x48"	SPEED LIMIT (Portable only)		30	
R2-1-48	48"x60"	SPEED LIMIT	4	39	156
R2-1aP-24	24"x18"	MINIMUM FEE \$80 (Mounted on Speed Limit post)	2	10	20
R3-2-48	48"x48"	NO LEFT TURN		35	
R4-1-48	48"x60"	DO NOT PASS		39	
R4-7-48	48"x60"	KEEP RIGHT		39	
R5-1-48	48"x48"	DO NOT ENTER		35	
R6-1-54	54"x18"	ONE WAY RIGHT or LEFT (Mounted on STOP or DO NOT ENTER post)		14	
R7-1-12	12"x18"	NO PARKING ANY TIME		11	
R10-6-24	24"x36"	STOP HERE ON RED		16	
R11-2-48	48"x30"	ROAD CLOSED (Mounted on barricade)	4	12	48
R11-2a-48	48"x30"	STREET CLOSED (Mounted on barricade)		12	
R11-3a-60	60"x30"	ROAD CLOSED MILES AHEAD LOCAL TRAFFIC ONLY (Mtd on barricade)	4	15	60
R11-3c-60	60"x30"	STREET CLOSED MILES AHEAD LOCAL TRAFFIC ONLY (Mtd on barricade)		15	
R11-4a-60	60"x30"	STREET CLOSED TO THRU TRAFFIC (Mounted on barricade)		15	
W1-3-48	48"x48"	REVERSE TURN RIGHT or LEFT		35	
W1-4-48	48"x48"	REVERSE CURVE RIGHT or LEFT		35	
W1-4b-48	48"x48"	TWO LANE REVERSE CURVE RIGHT or LEFT		35	
W1-6-48	48"x24"	ONE DIRECTION LARGE ARROW		26	
W3-1-48	48"x48"	STOP AHEAD		35	
W3-3-48	48"x48"	SIGNAL AHEAD		35	
W3-4-48	48"x48"	BE PREPARED TO STOP		35	
W3-5-48	48"x48"	SPEED REDUCTION AHEAD	2	35	70
W4-2-48	48"x48"	LANE ENDS RIGHT or LEFT		35	
W5-1-48	48"x48"	ROAD NARROWS		35	
W5-8-48	48"x48"	THRU TRAFFIC RIGHT LANE		35	
W5-9-48	48"x48"	ROAD WORK TRAFFIC ONLY DOWN & LT or RT ARROW		35	
W6-3-48	48"x48"	TWO WAY TRAFFIC		35	
W8-1-48	48"x48"	BUMP		35	
W8-3-48	48"x48"	PAVEMENT ENDS		35	
W8-7-48	48"x48"	LOOSE GRAVEL		35	
W8-11-48	48"x48"	UNEVEN LANES		35	
W8-12-48	48"x48"	NO CENTER LINE		35	
W8-17-48	48"x48"	SHOULDER DROP-OFF SYMBOL		35	
W8-53-48	48"x48"	TRUCKS ENTERING HIGHWAY		35	
W8-54-48	48"x48"	TRUCKS ENTERING AHEAD or FT or MILE		35	
W8-55-48	48"x48"	TRUCKS CROSSING AHEAD or FT or MILE		35	
W8-56-48	48"x48"	TRUCKS EXITING HIGHWAY		35	
W9-3a-48	48"x48"	CENTER LANE CLOSED SYMBOL		35	
W13-1P-30	30"x30"	MPH ADVISORY SPEED PLAQUE (Mounted on warning sign post)		14	
W14-3-64	64"x48"	NO PASSING ZONE		28	
W16-2P-30	30"x24"	FEET PLAQUE (Mounted on warning sign post)		10	
W20-1-48	48"x48"	ROAD WORK AHEAD or FT or MILE	2	35	70
W20-2-48	48"x48"	DETOUR AHEAD or FT or MILE		35	
W20-3-48	48"x48"	ROAD or STREET CLOSED AHEAD or FT or MILE		35	
W20-4-48	48"x48"	ONE LANE ROAD AHEAD or FT or MILE	2	35	70
W20-5-48	48"x48"	RIGHT or CENTER or LEFT LANE CLOSED AHEAD or FT or MILE		35	
W20-7-48	48"x48"	FLAGGER	2	35	70
W20-8-18	18"x18"	STOP - SLOW PADDLE Back to Back	2	5	10
W20-52P-54	54"x12"	NEXT MILES (Mounted on warning sign post)		12	
W21-1-48	48"x48"	WORKERS		35	
W21-2-48	48"x48"	FRESH OIL		35	
W21-3-48	48"x48"	ROAD MACHINERY AHEAD or FT or MILE		35	
W21-5-48	48"x48"	SHOULDER WORK	2	35	70
W21-5a-48	48"x48"	RIGHT or LEFT SHOULDER CLOSED		35	
W21-5b-48	48"x48"	RIGHT or LEFT SHOULDER CLOSED AHEAD or FT or MILE		35	

[illegible][illegible]

SPEC & CODE			
704-1000	TRAFFIC CONTROL SIGNS	TOTAL UNITS	768

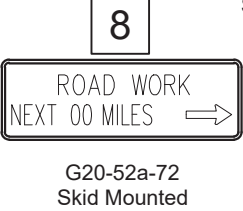
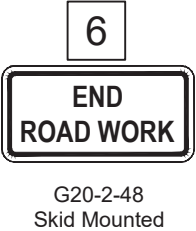
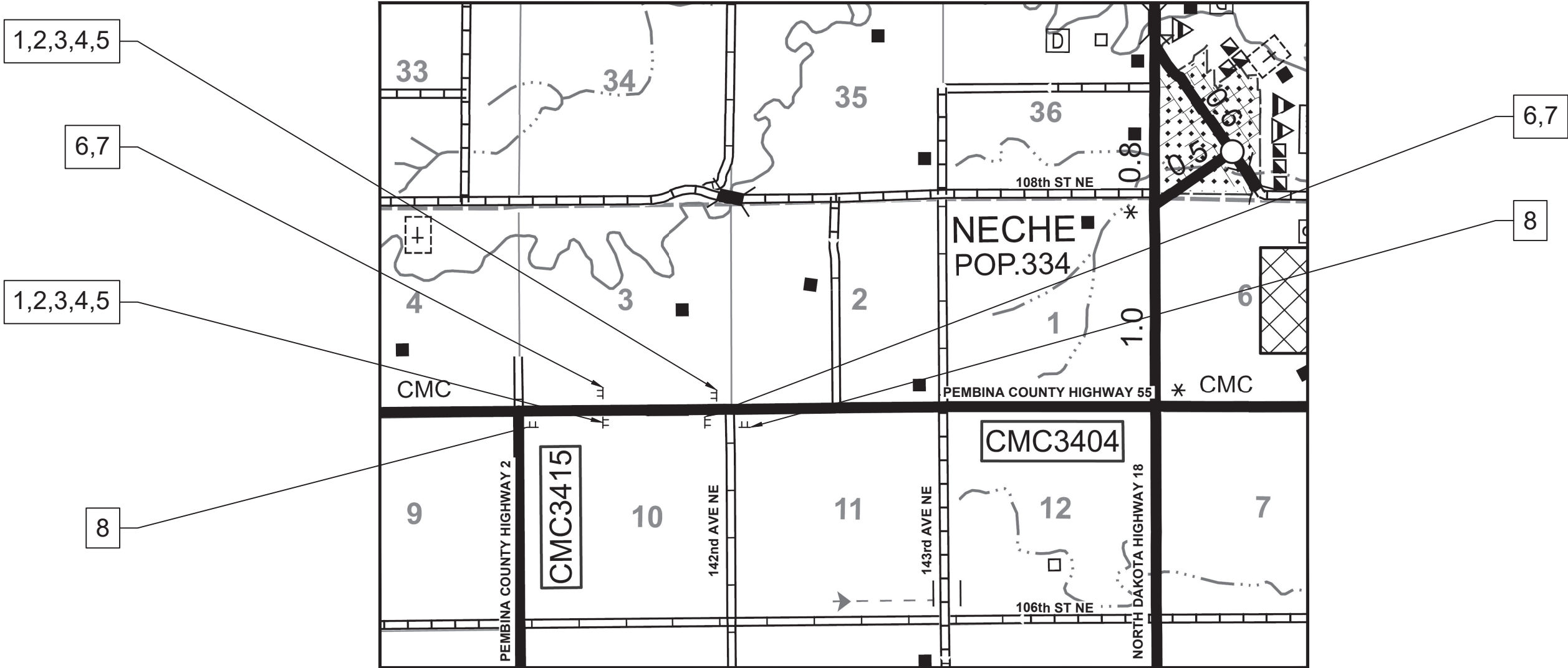
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NOTE:
If additional signs are required, units will be calculated using the formula from Section III-18.06 of the Design Manual.
<http://www.dot.nd.gov/>



Traffic Control Devices List

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	CERP-3404(060)	100	2



CERP-3404(060)

PEMBINA COUNTY, NORTH DAKOTA

PEMBINA COUNTY HIGHWAY 55

KLJ

CONSTRUCTION SIGNING LAYOUT

DRWN BY

CWT

CHKD BY

JDD

PROJECT NO.

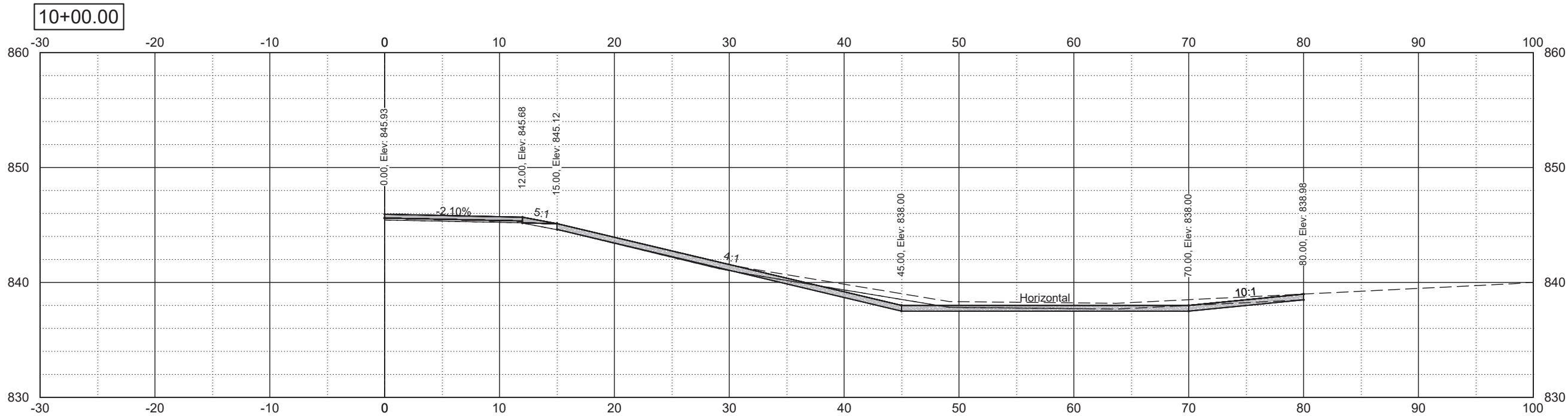
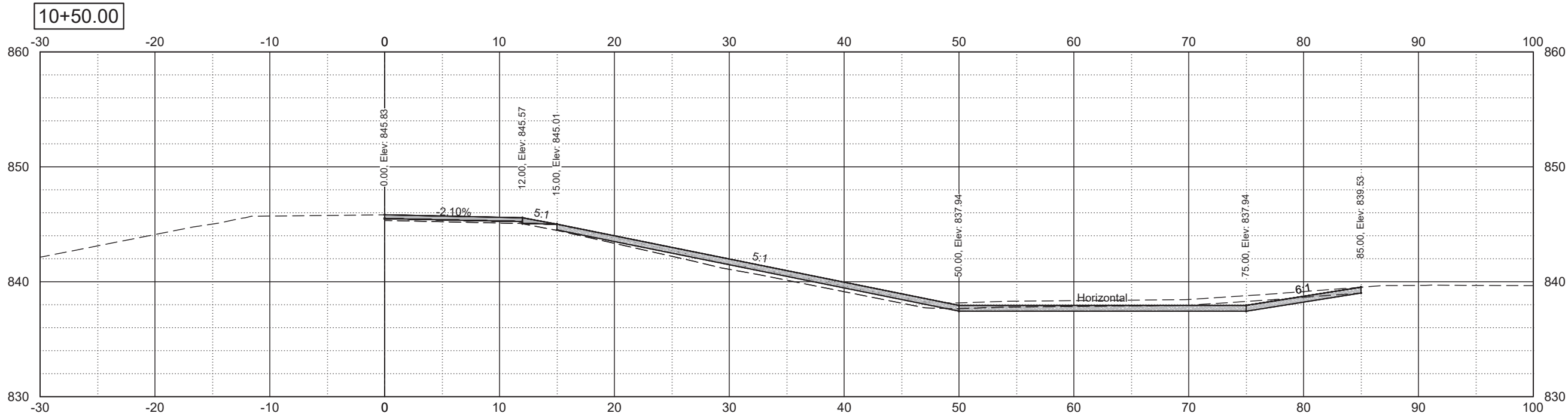
2302-01708

The sign layout as shown is for general information purposes only. The contractor will be required to conform to MUTCD and the Standard Drawings when installing the traffic control signing.

CROSS-SECTIONS



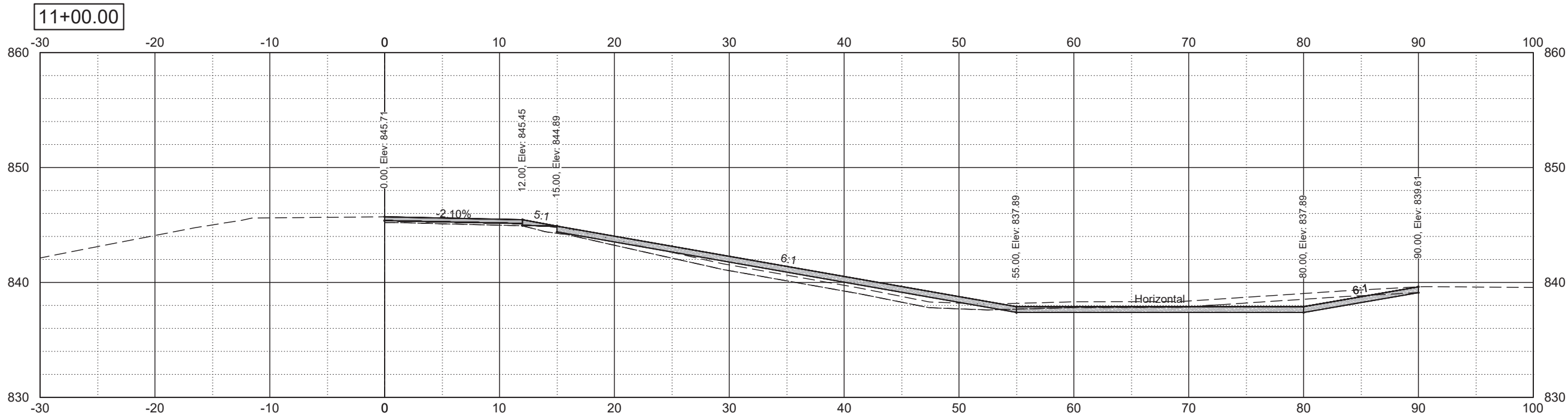
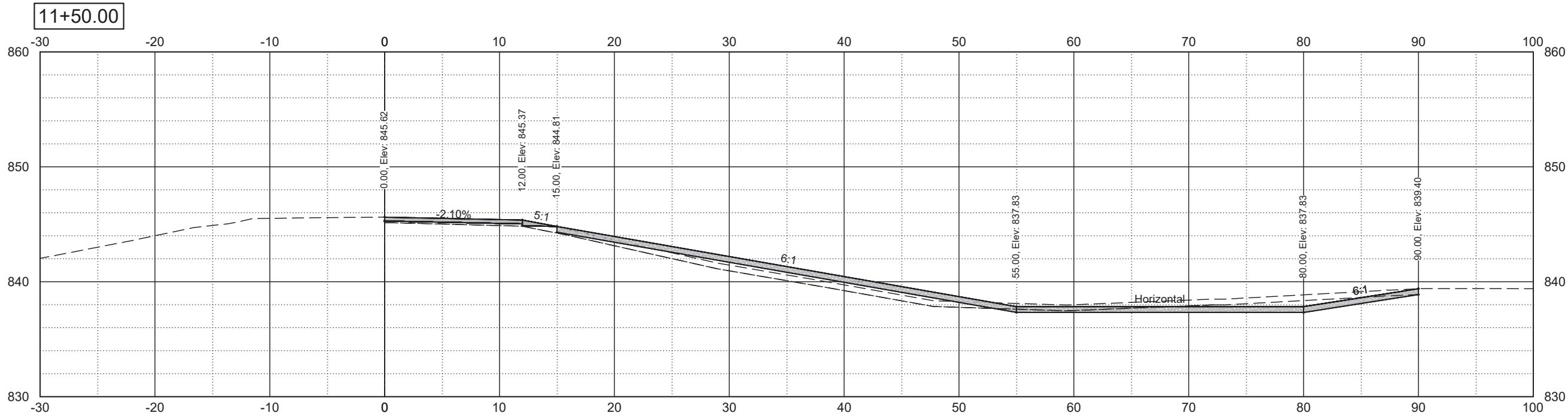
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	CERP-3404(060)	200	1



CROSS-SECTIONS



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	CERP-3404(060)	200	2

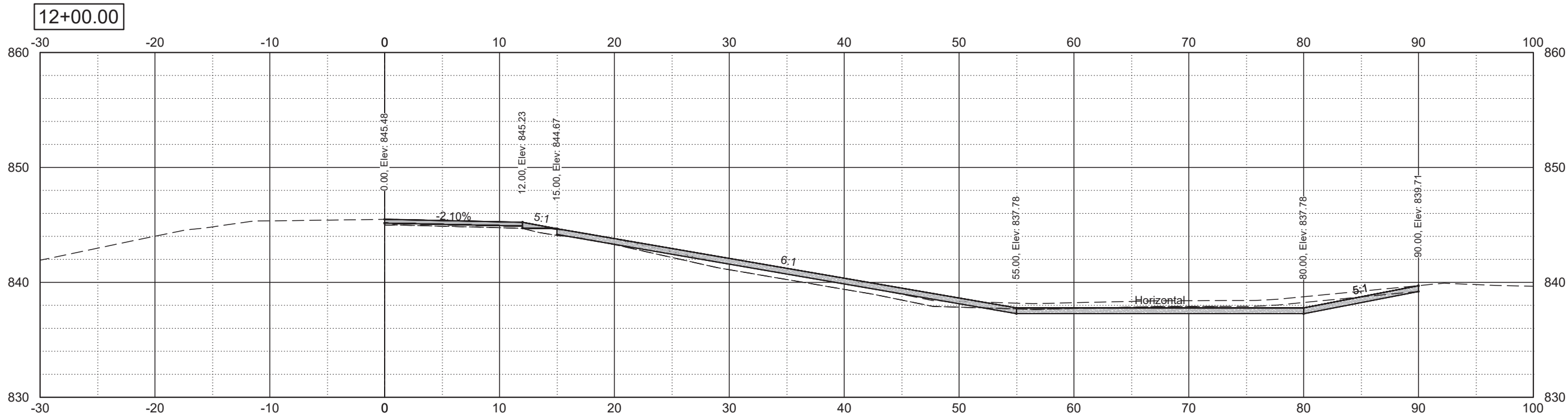
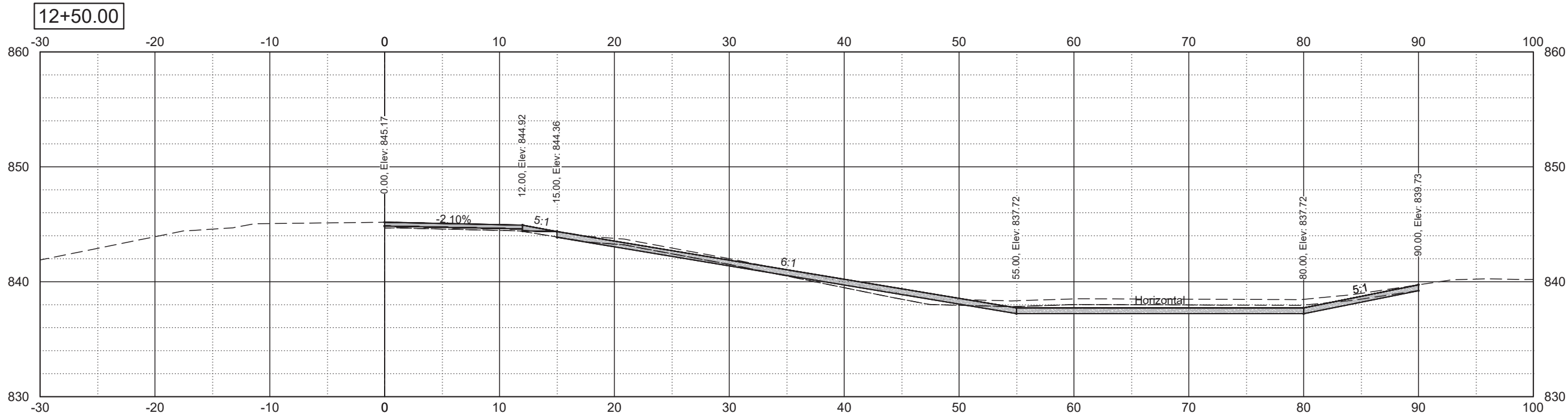


CROSS-SECTIONS



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	CERP-3404(060)	200

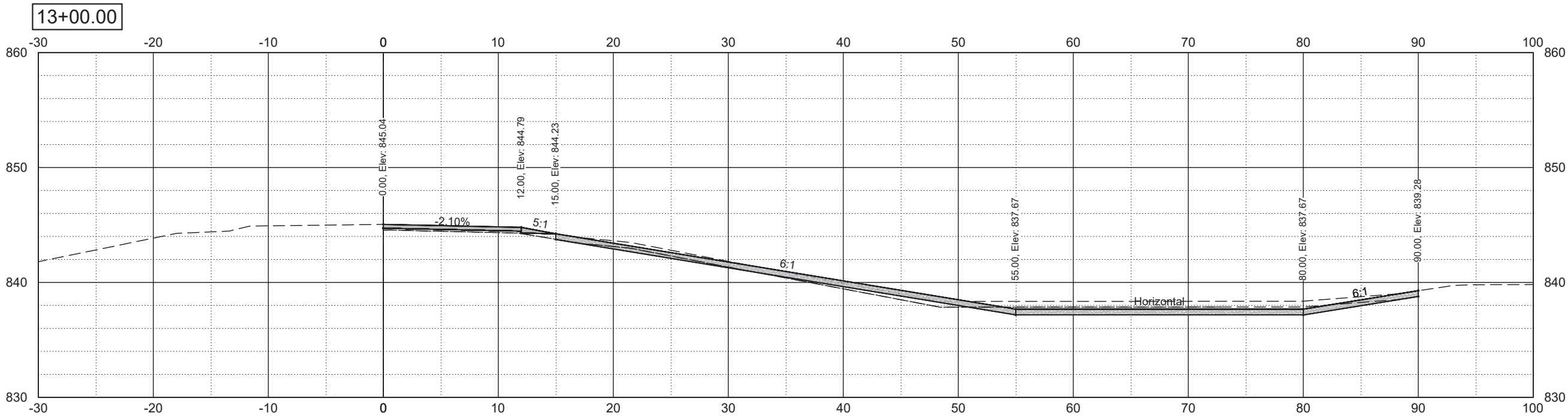
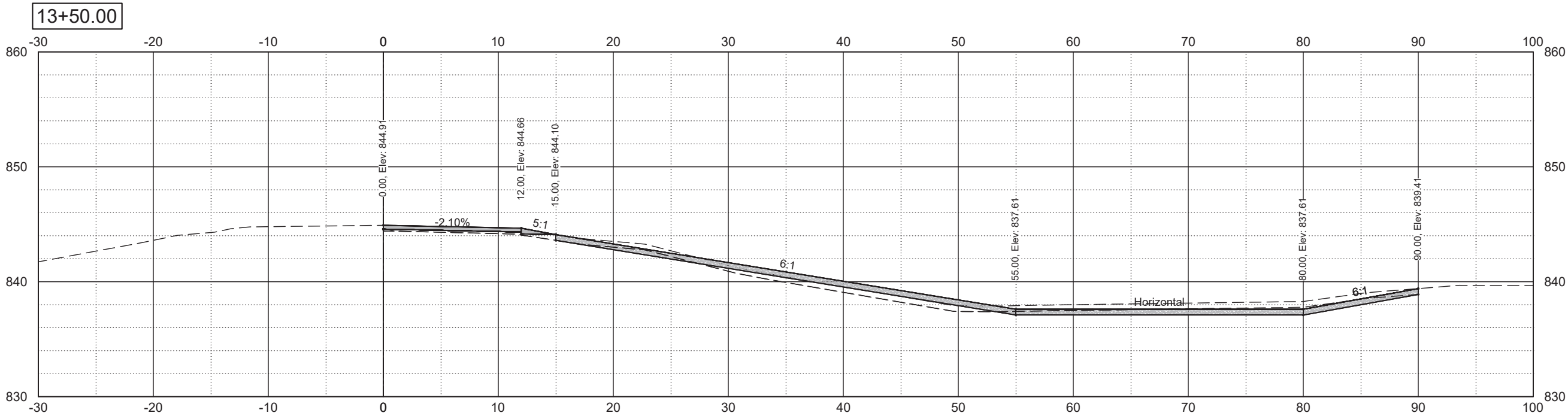
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CROSS-SECTIONS



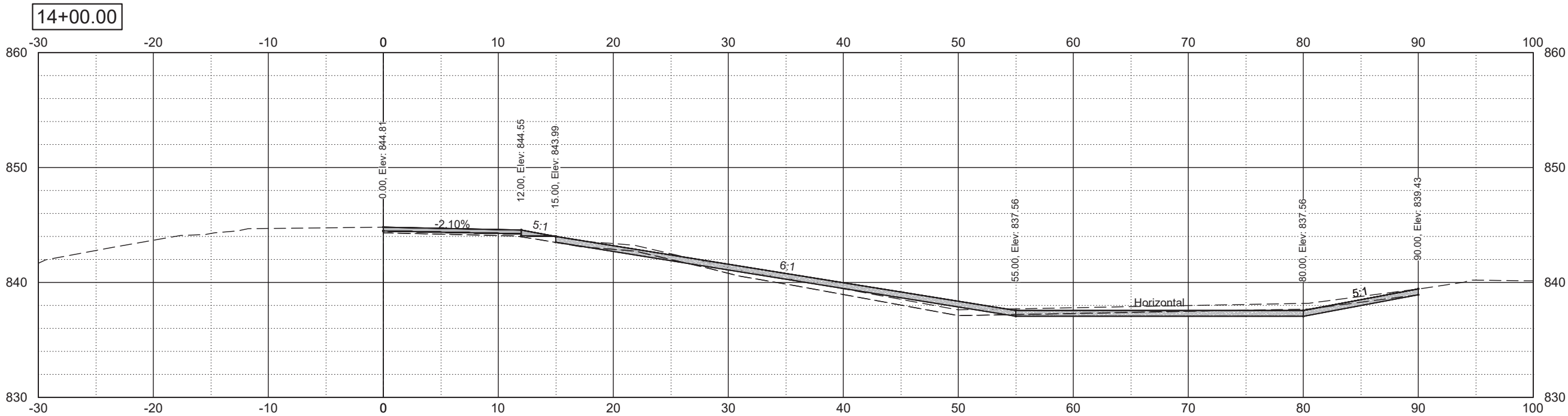
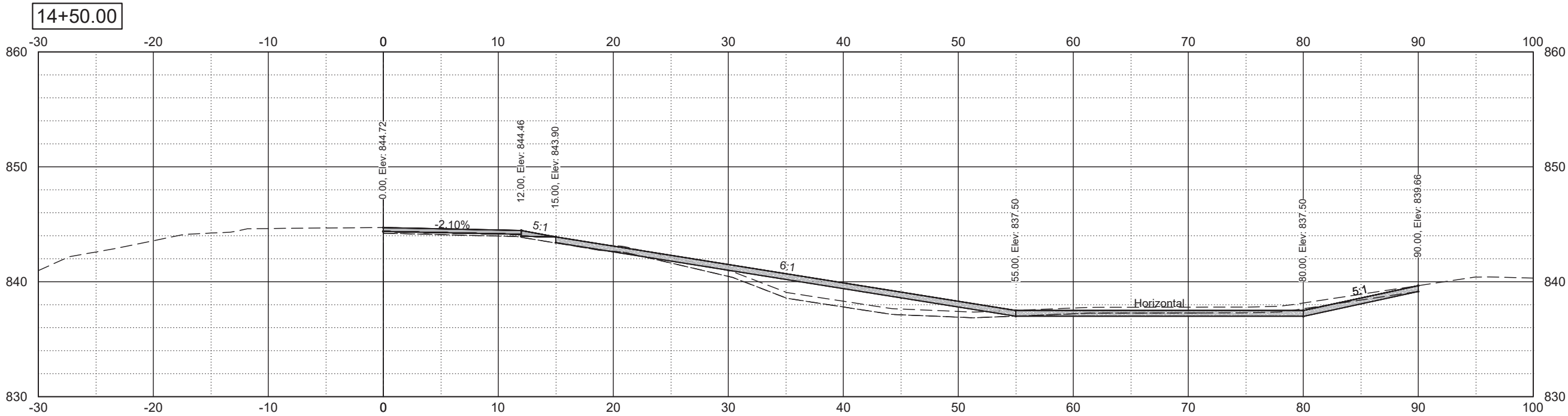
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	CERP-3404(060)	200
			4



CROSS-SECTIONS



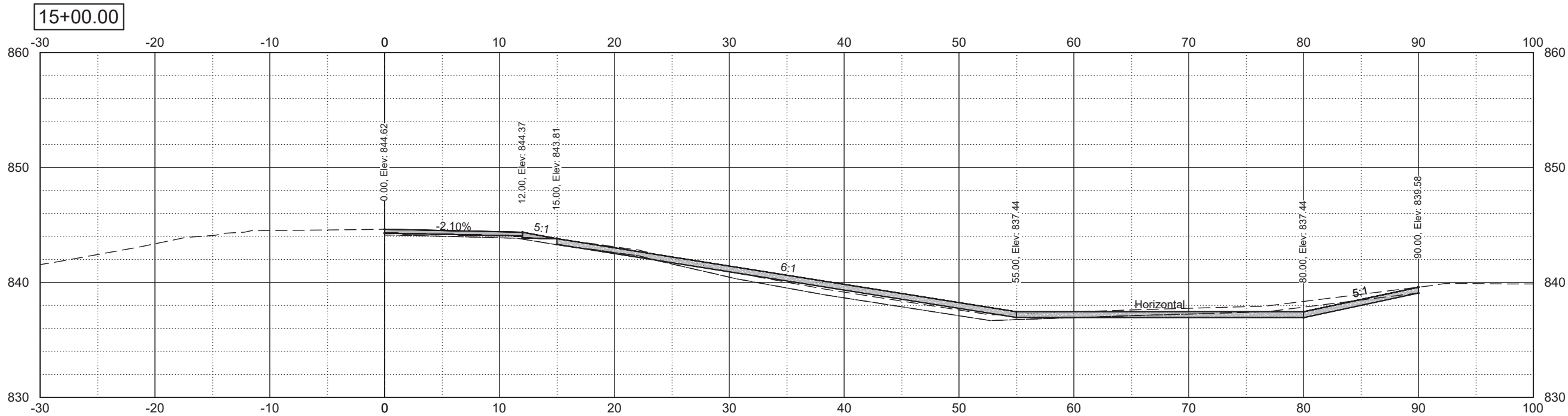
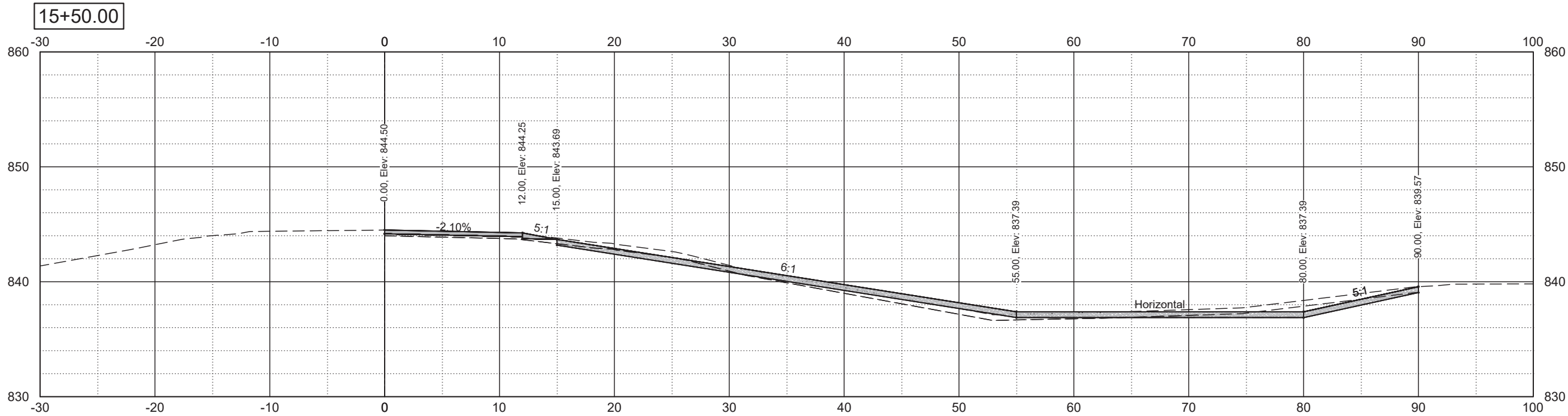
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ND	CERP-3404(060)	200	5



CROSS-SECTIONS



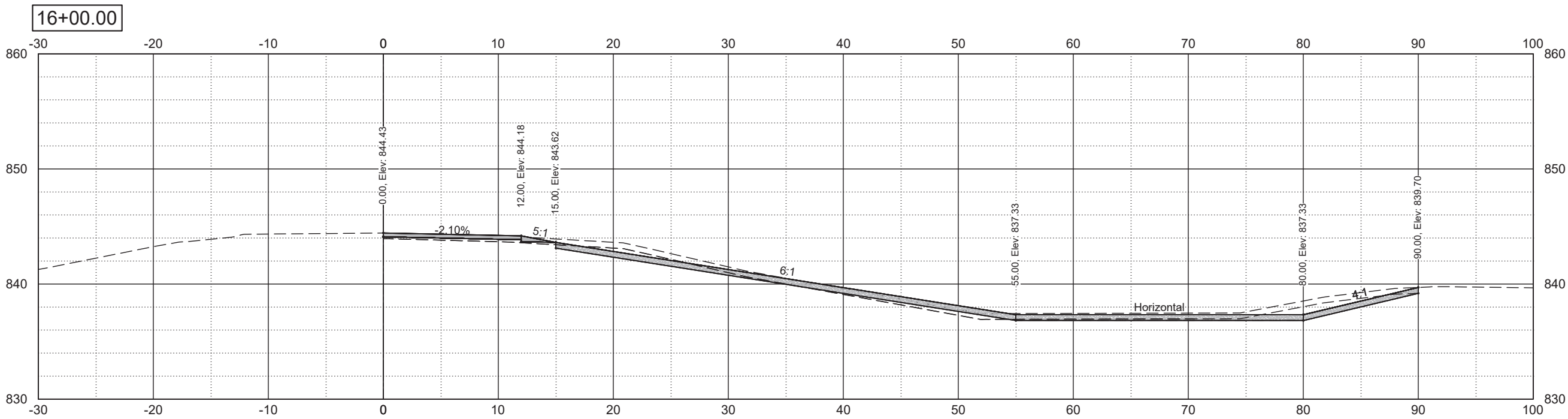
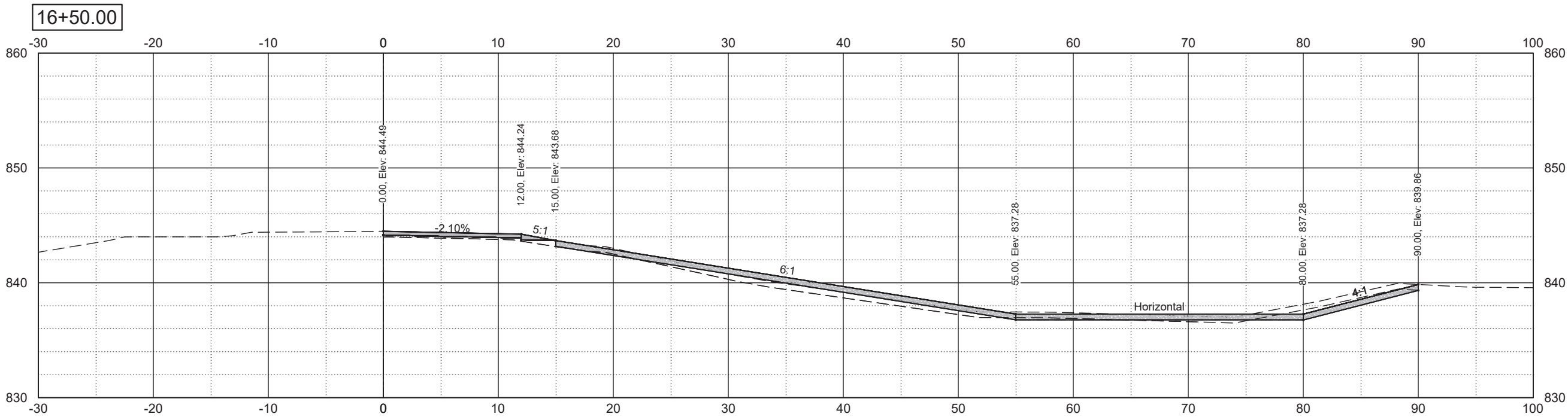
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	CERP-3404(060)	200	6



CROSS-SECTIONS



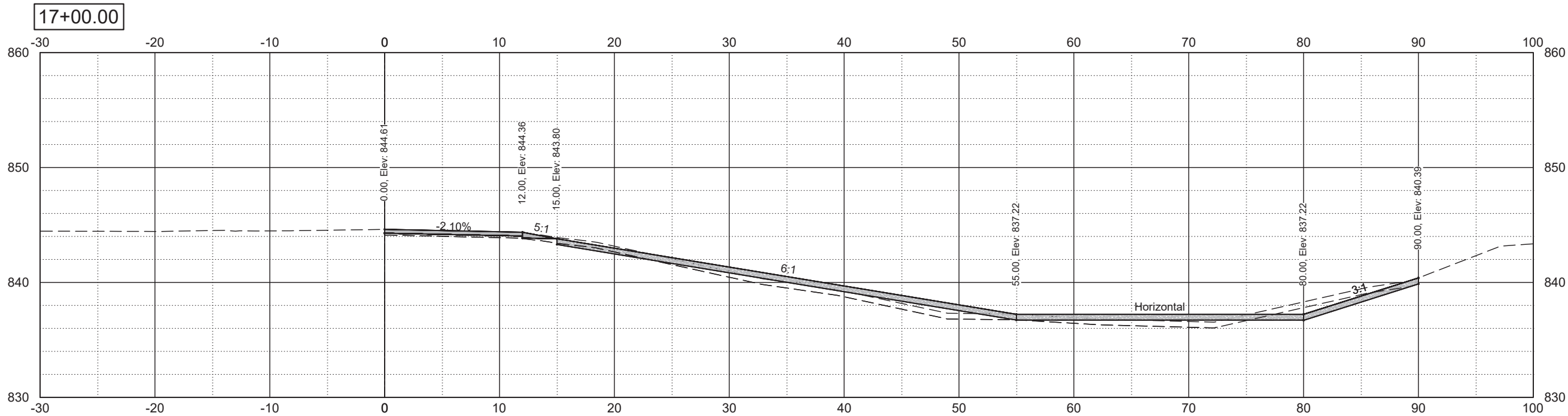
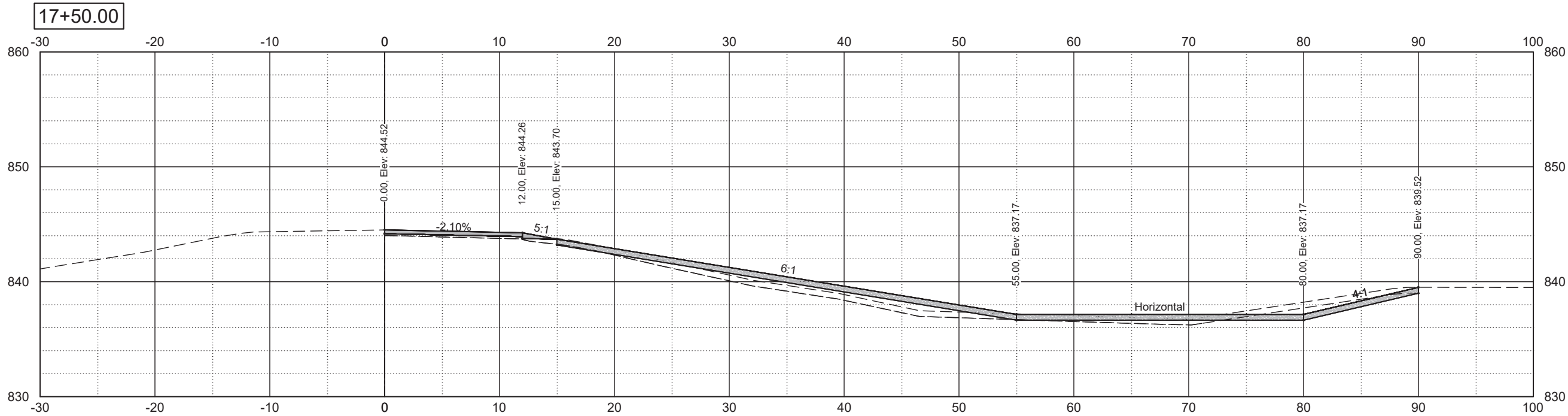
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	CERP-3404(060)	200	7



CROSS-SECTIONS



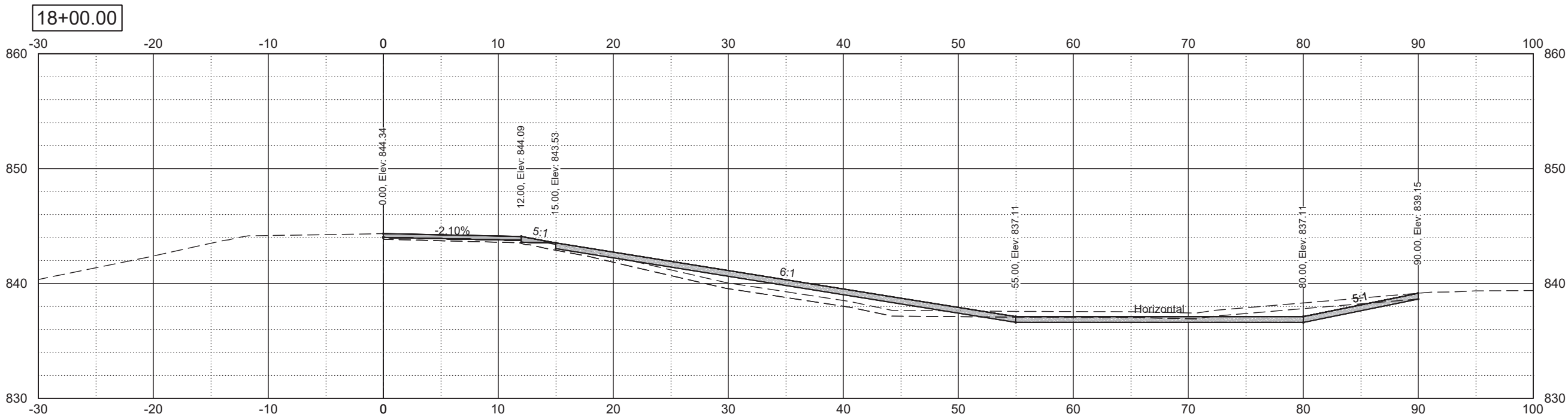
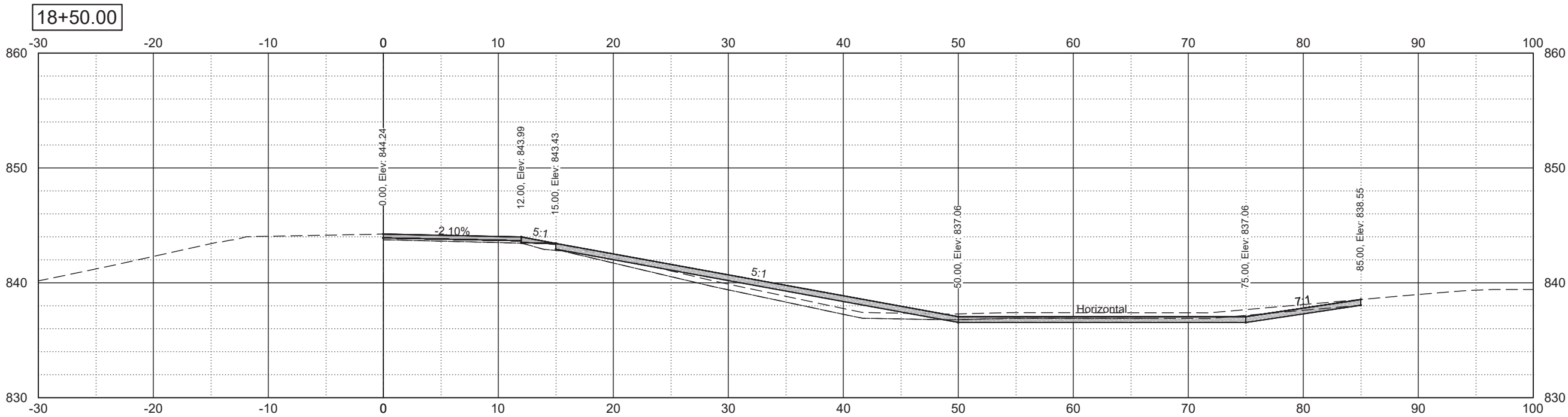
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	CERP-3404(060)	200	8



CROSS-SECTIONS



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	CERP-3404(060)	200	9



CROSS-SECTIONS



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	CERP-3404(060)	200	10

