

LIVINGSTON COUNTY HIGHWAY DEPARTMENT

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Addendum #2 – March 28, 2024

Livingston County Highway Department

Section 23-08125-02-BR – Prairie Box Culvert Extension

Summary of Changes: Adjusted the depth of the Temporary and Permanent Sheet Piling

1. Replace Sheet 3 of the Plans with the attached Sheet 3.
2. Replace Sheet 11 of the Plans with the attached Sheet 11.
3. Replace Sheet 13 of the Plans with the attached Sheet 13.
4. Replace the Schedule of Prices on Page 7 of the proposal with the attached Schedule of Prices.
(Note: the electronic Schedule of Prices should be used)

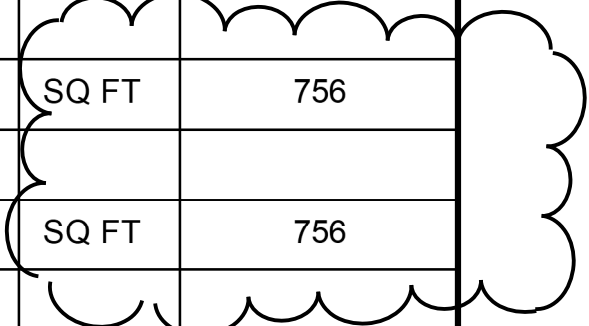
The Plans, Proposal and Schedule of Prices documents have been updated on the website to include the revisions.

NOTE: Read receipt or email response will confirm addendum received.

5239 CH 10 & E 1000N RD - SUMMARY OF QUANTITIES

ITEM NO.	SPECIALTY ITEM &/OR SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
1		20200100	EARTH EXCAVATION	CU YD	1002
2		20900110	POROUS GRANULAR BACKFILL	CU YD	75
3		28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	80
4		35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	2102
5		42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	1982
6		44000100	PAVEMENT REMOVAL	SQ YD	1734
7		48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	363
8		48300100	PORTLAND CEMENT CONCRETE SHOULDERS 6"	SQ YD	202
9		50102400	CONCRETE REMOVAL	CU YD	4.1
10		50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	28090
11		50900205	STEEL RAILING, TYPE S1	FOOT	33
12		51500100	NAME PLATES	EACH	1
13		52200010	TEMPORARY SHEET PILING	SQ FT	756
14		52200015	PERMANENT SHEET PILING	SQ FT	756
15		54002020	EXPANSION BOLTS 3/4 INCH	EACH	29
16		54003000	CONCRETE BOX CULVERTS	CU YD	140
17		63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	75
18		72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2
19	*	X2070302	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	140
20	*	X2501000	SEEDING, CLASS 2A SPECIAL	ACRE	0.37
21		X5000015	REMOVE AND RE-INSTALL PIPE CULVERTS	FOOT	100
22	*	X6311205	TRAFFIC BARRIER TERMINAL, TYPE 5A SPECIAL	EACH	1
23	*	X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1

ADDENDUM 2



MODEL: \$MODELNAME\$
FILE NAME: \$FILE\$

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

**LIVINGSTON COUNTY
HIGHWAY DEPARTMENT**

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	23-08125-02-BR	LIVINGSTON	28	3
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

Benchmarks:
Mag nail set in South face of 1st power pole on North side of 1000N. ±150 west of C.H. 10. Sta. 8+60.23, 22.54' Lt., Elev. 679.64

Mag nail set in North face of 3rd power pole on South side of 1000N. ±650' west of C.H. 10. Sta. 3+68.13, 23.26' Rt., Elev. 682.56

Existing Structure:
Double barrel 12'-6"x9" cast in place concrete box culvert. The structure is 50'-0" feet in length and is not skewed. SN. 053-5533

Salvage: Name Plate, Steel Railing Type S-1 Posts, and curled end sections

Road to be open to traffic during construction.

GENERAL NOTES

Precast culvert option will not be allowed. The design fill heights for this box are 1.28 ft. max and 1.05' min.

All construction joints shall be bonded. Exposed concrete edges shall have a 3/4" chamfer unless otherwise noted.

Layout of stone riprap may be varied in the field to suit ground conditions as directed by the Engineer. A distance of half length of the wingwall, but not less than 6 feet of the barrel shall be poured monolithically with the wingwall.

All excavation required for construction of the culvert in accordance with the Standard Specifications shall be included in the cost of Concrete Box Culverts.

Areas of excavation required for the construction of the new culvert extensions shall be backfilled with Porous Granular Embankment up to the top of slab elevation. See Special Provisions for more detailed information.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

The required depth of removal and replacement of unsuitable materials may be adjusted by the Engineer to account for variable subsurface conditions.

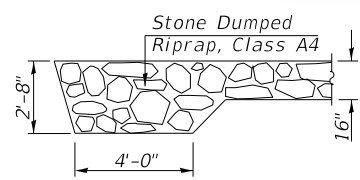
Existing Name Plate shall be cleaned and relocated next to new Name Plate. Cost included with Name Plates.

I certify that to the best of my knowledge, information and belief, this culvert design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specification for Highway Bridges.

[Signature] 3/8/24
Illinois Structural No. 6527
Expires 11/30/2024



Lic. En. 11/30/24



SECTION A-A

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES

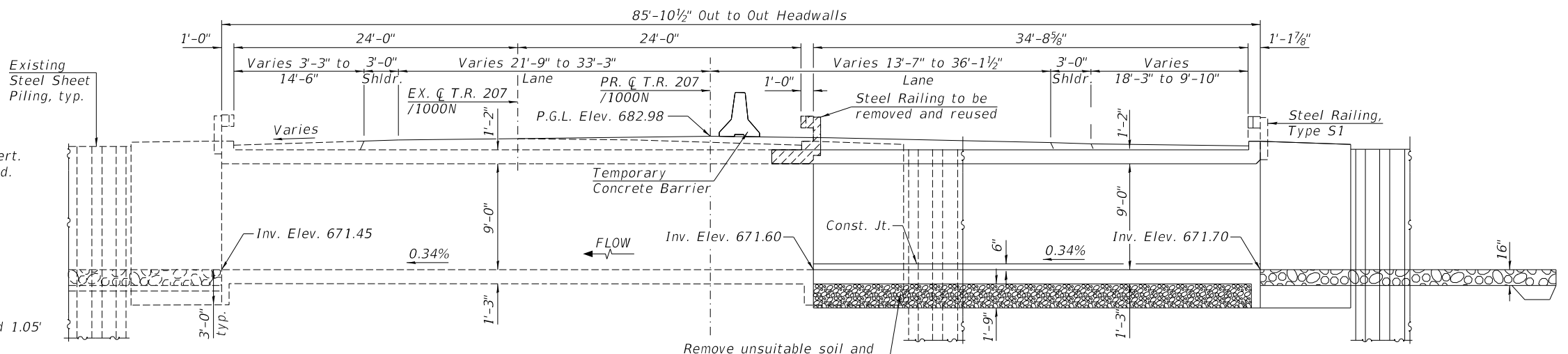
FIELD UNITS

$f'_c = 5,000$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (ASTM A572 Steel Sheet Piling)

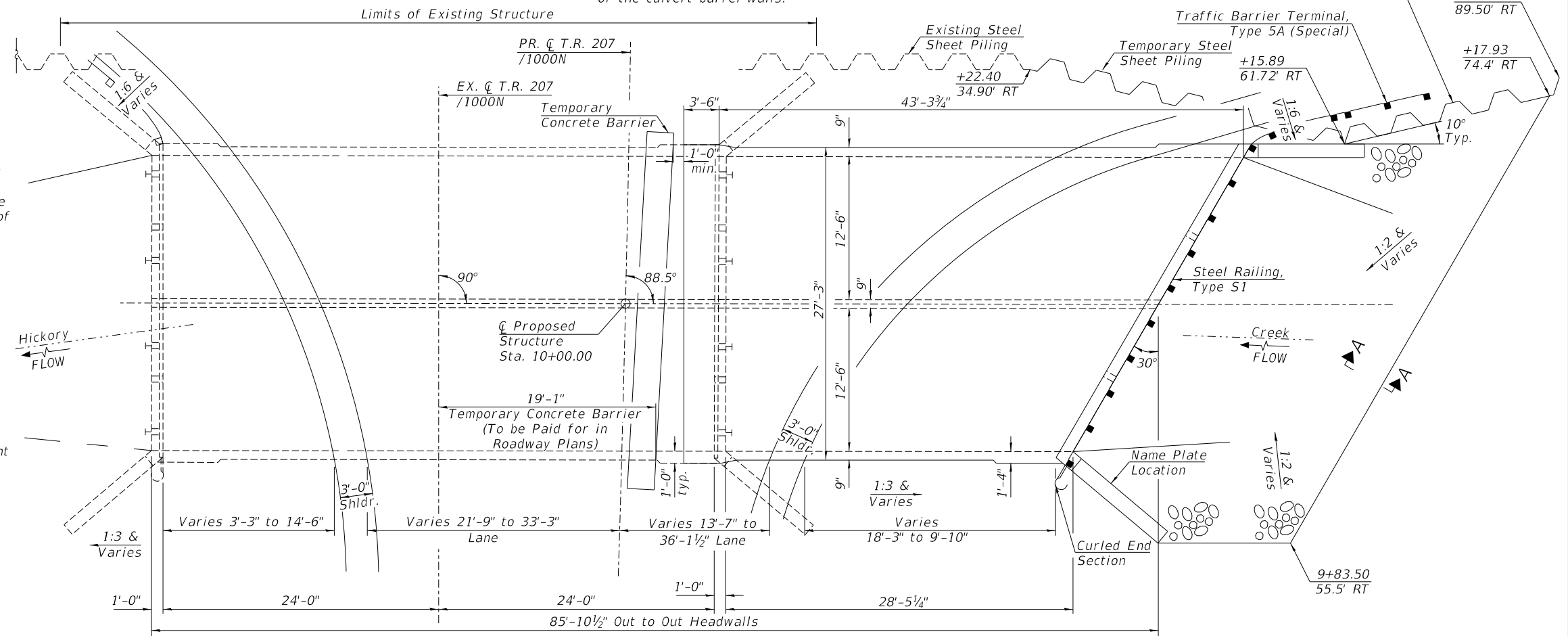
HICKORY CREEK
BUILT 202 BY
LIVINGSTON COUNTY
SEC. 23-08125-00-BR
C.H. 10 STATION 10+00.00
STR. NO. 053-5533 LOADING HL-93

NAME PLATE

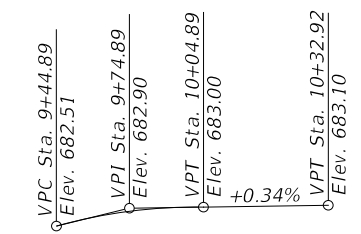
Locate Name Plate at S.W. Wingwall Corner of Bridge (See Std. 515001)



LONGITUDINAL SECTION



PLAN



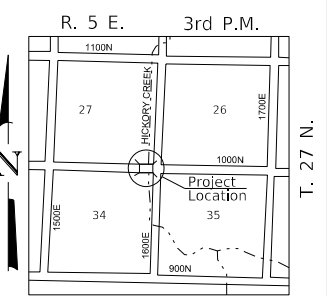
PROFILE GRADE
(CH 10)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal & Disposal of Unsuitable Material	CU YD	75
Stone Dumped Riprap, Class A4	SQ YD	80
Porous Granular Embankment	CU YD	140
Reinforcement Bars, Epoxy Coated	POUND	28,090
Concrete Box Culverts	CU YD	140.0
Name Plate	EACH	1
Steel Railing, Type S1	FOOT	33
Expansion Bolts 3/4 Inch	EACH	29
Concrete Removal	CU YD	4.1
Permanent Sheet Piling	SQ FT	756
Temporary Sheet Piling	SQ FT	756

① See Special Provisions

ADDENDUM 2



LOCATION SKETCH

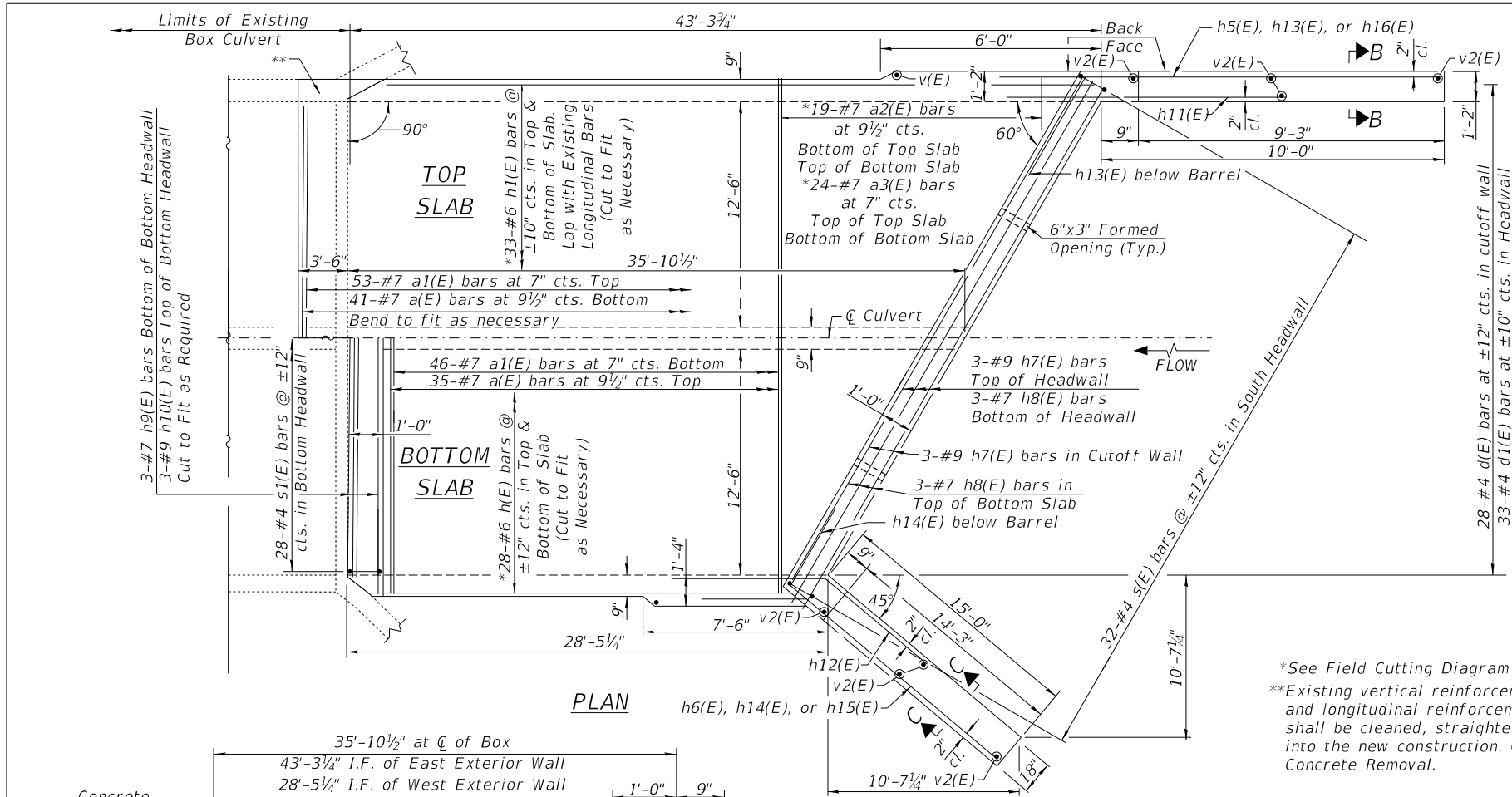
USER NAME = JSavage	DESIGNED - JPS	REVISED - 03/21/2024 JPS
PLOT SCALE =	DRAWN - JCW	REVISED -
PLOT DATE = 3/21/2024	CHECKED - ZL/BAN	REVISED -
	DATE - 3/8/2024	REVISED -

**LIVINGSTON COUNTY
COUNTY HIGHWAY 10
OVER HICKORY CREEK**

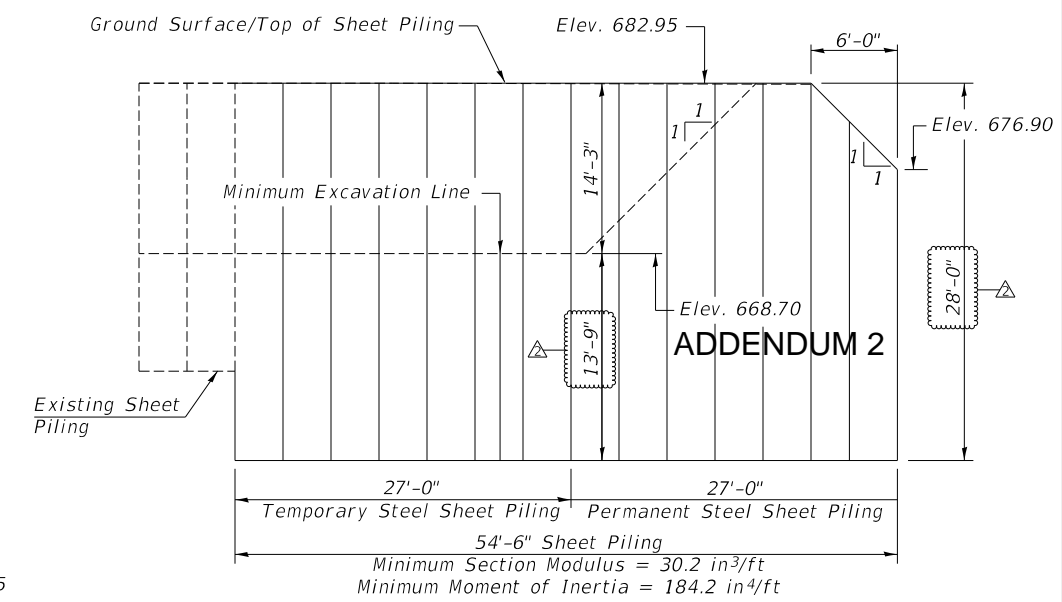
**S.N. 053-5533
GENERAL PLAN AND ELEVATION**
SHEET NO. 1 OF 5 SHEETS STA. TO STA.

RT. 10	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 10	23-08125-02-BR	LIVINGSTON	11	28
	S.N. 053-5533		CONTRACT NO.	
		ILLINOIS	FED. AID PROJ. NO.	

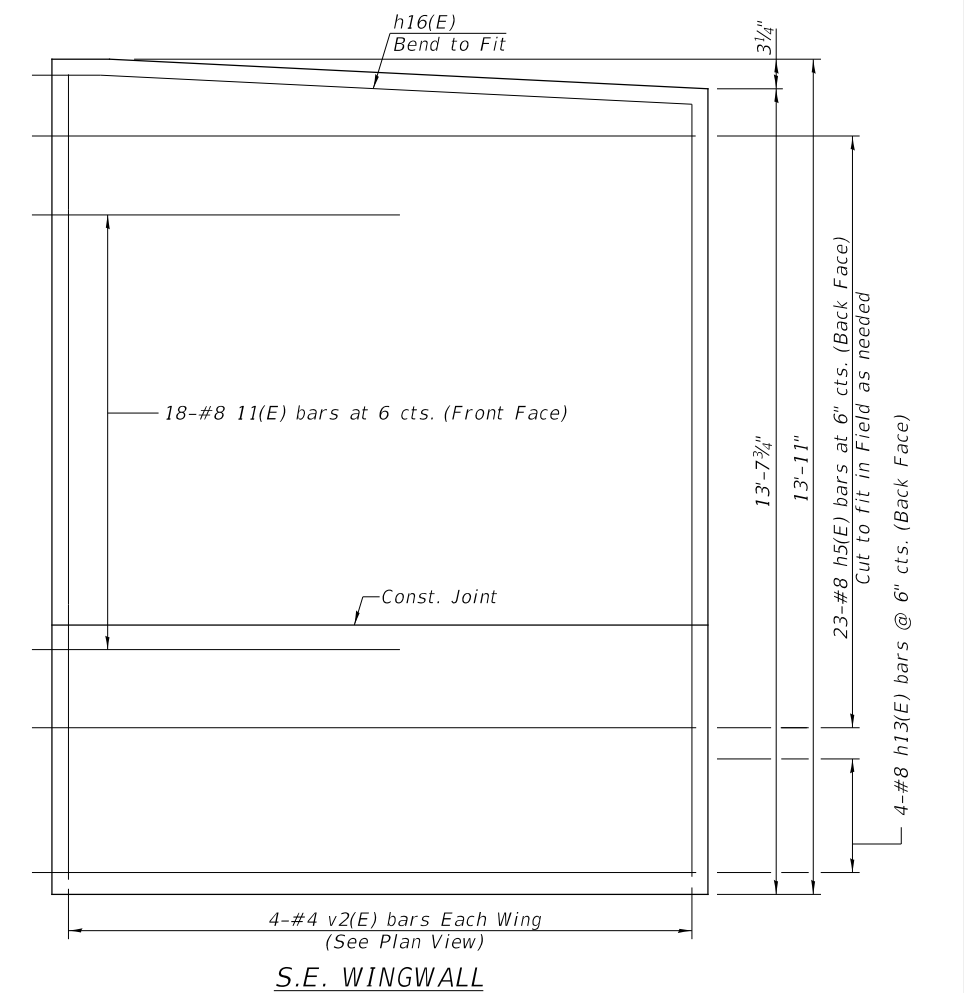
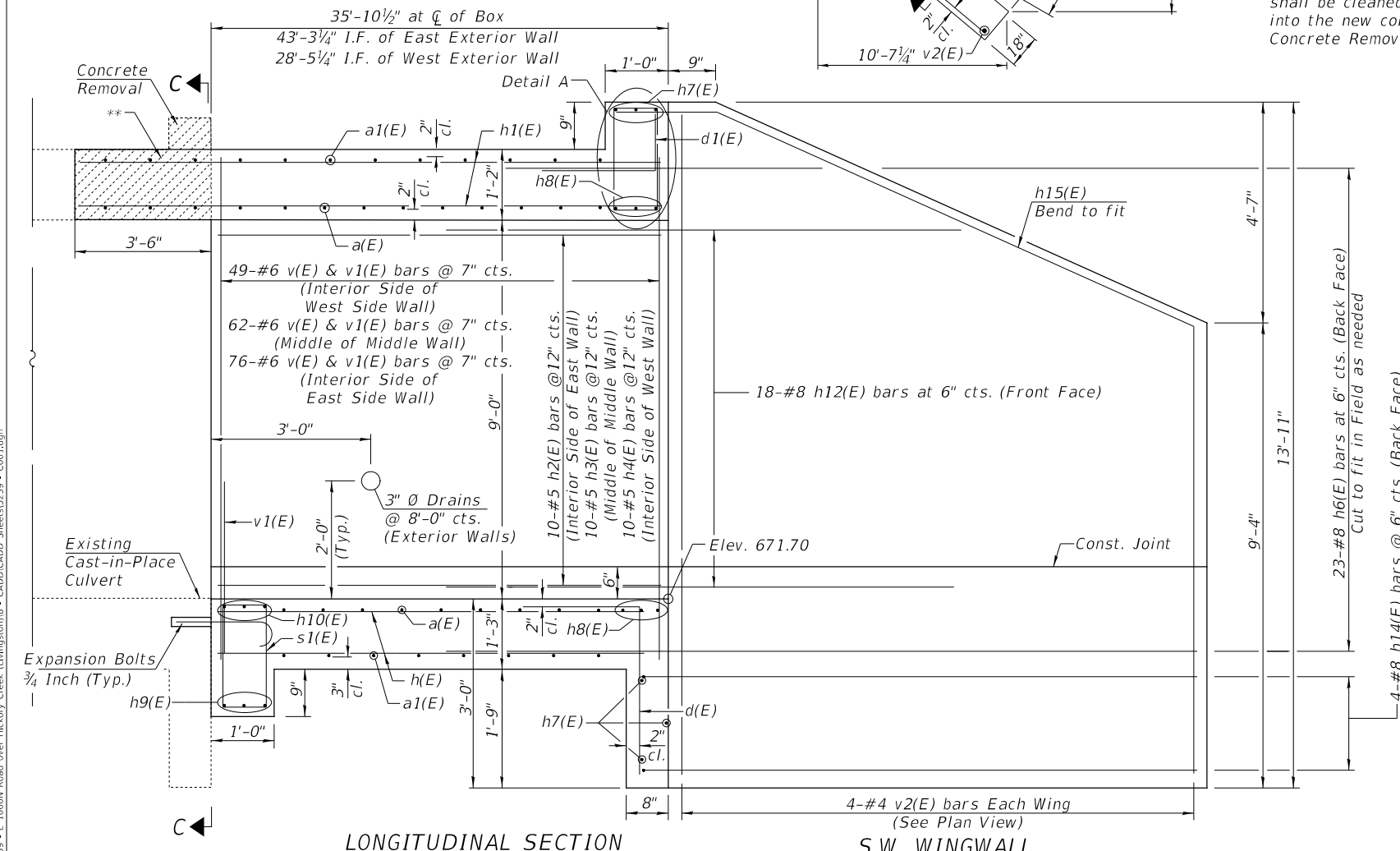
MODEL: SPODELMAMES FILE NAME: V03239 - E 1000N Road over Hickory Creek (Livingston)8 - CADD/CADD Sheets03239 - C001.dgn 2024 JOB#5239



Sheet Piling Notes:
 If the Contractor chooses to alter the temporary or permanent cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.



*See Field Cutting Diagram on Sheet 4 of 5
 **Existing vertical reinforcement from the walls and longitudinal reinforcement from the top slab shall be cleaned, straightened and incorporated into the new construction. Cost included with Concrete Removal.



MODEL: SPODELMAMES
 FILE NAME: V03239 - E 100DN Road over Hickory Creek (Livingston)8 - CAD/CADD Sheets03239 - C001.dgn
 2024

USER NAME = JSavage	DESIGNED - JPS	REVISION - 03/21/2024 JPS	LIVINGSTON COUNTY COUNTY HIGHWAY 10 OVER HICKORY CREEK	S.N. 053-5533 CULVERT DETAILS	<table border="1"> <tr> <th>RT.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>C.H. 10</td> <td>23-08125-02-BR</td> <td>LIVINGSTON</td> <td>13</td> <td>28</td> </tr> <tr> <td colspan="2">S.N. 053-5533</td> <td colspan="3">CONTRACT NO.</td> </tr> <tr> <td colspan="2"></td> <td colspan="3">ILLINOIS FED. AID PROJ. NO.</td> </tr> </table>	RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	C.H. 10	23-08125-02-BR	LIVINGSTON	13	28	S.N. 053-5533		CONTRACT NO.					ILLINOIS FED. AID PROJ. NO.		
RT.	SECTION	COUNTY			TOTAL SHEETS	SHEET NO.																			
C.H. 10	23-08125-02-BR	LIVINGSTON			13	28																			
S.N. 053-5533		CONTRACT NO.																							
		ILLINOIS FED. AID PROJ. NO.																							
PLOT SCALE =	CHECKED - ZL/BAN	REVISION -	SHEET NO. 3 OF 5 SHEETS	STA. TO STA.																					
PLOT DATE = 3/21/2024	DATE - 3/8/2024	REVISION -																							
JOB#5239																									



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.)

Item Number	Items	Unit	Quantity	Unit Price	Total
20200100	EARTH EXCAVATION	CU YD	1002.0		
20900110	POROUS GRAN BACKFILL	CU YD	75.0		
28100707	STONE DUMP RIP CL A4	SQ YD	80.0		
35100500	AGG BASE CSE A 6	SQ YD	2102.0		
42000301	PCC PVT 8 JOINTED	SQ YD	1982.0		
44000100	PAVEMENT REM	SQ YD	1734.0		
48101500	AGGREGATE SHLDS B 6	SQ YD	363.0		
48300100	PCC SHOULDERS 6	SQ YD	202.0		
50102400	CONC REM	CU YD	4.1		
50800205	REINF BARS, EPOXY CTD	POUND	28090		
50900205	STEEL RAILING TY S1	FOOT	33.0		
51500100	NAME PLATES	EACH	1.0		
52200010	TEMP SHT PILING	SQ YD	756		
52200015	PERM SHT PILING	SQ YD	756		
54002020	EXPAN BOLTS 3/4	EACH	29.0		
54003000	CONC BOX CUL	CU YD	140.0		
63301210	REM RE-E SPBGR TY A	FOOT	75.0		
72501000	TERMINAL MARKER - DA	EACH	2.0		
X2070302	POROUS GRAN EMB SPEC	TON	140.0		
X2501000	SEEDING CL 2 SPL	ACRE	0.37		
X5000015	REM & REIN PIPE CULV	FOOT	100.0		
X6311205	TRAF BAR TERM T5A SPL	EACH	1.0		
X7010216	TRAF CONT & PROT SPL	L SUM	1.0		
Bidder's Total Proposal					

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Eppards Point Road District	Livingston	23-08125-02-BR	TR 207 (1000N Rd)

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.