

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

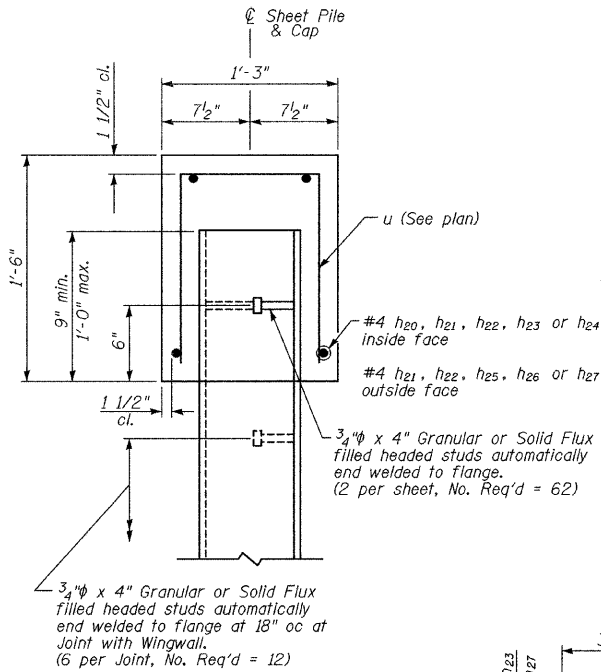
* Cost of furnishing and installing bent plate shall be considered included in the cost of PERMANENT STEEL SHEET PILING

NOTES: Permanent Steel Sheet Piling shall have a minimum effective section modulus greater than or equal to 15.3 in³/ft. See Special Provisions

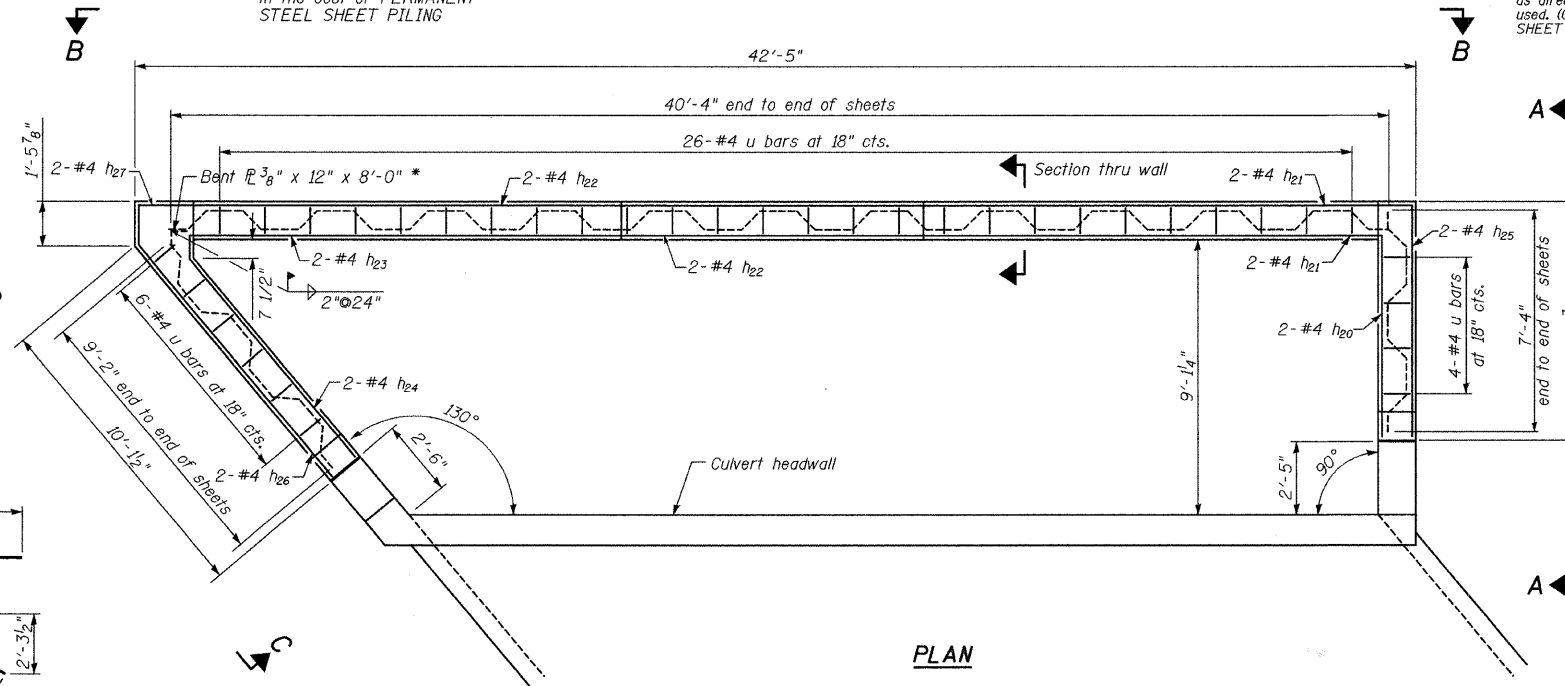
Plan geometry has been based upon PZ 22 sheet piling. The contractor may need to make adjustments as directed by the Engineer if another size is to be used. (Cost included with PERMANENT STEEL SHEET PILING)

DROP STRUCTURE
BILL OF MATERIAL

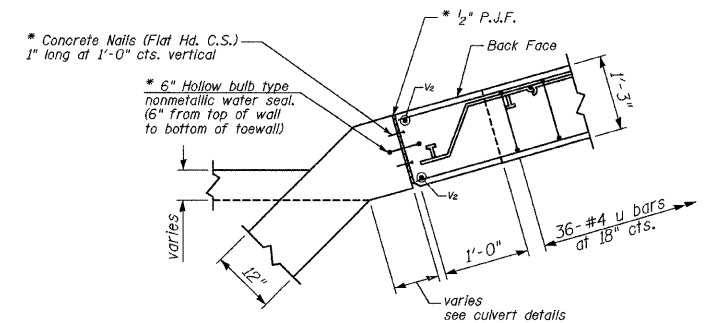
Bar	No.	Size	Length	Shape
h20	2	#4	6'-7"	—
h21	4	#4	6'-0"	—
h22	4	#4	39'-11"	—
h23	2	#4	6'-9"	—
h24	2	#4	8'-6"	—
h25	2	#4	7'-9"	—
h26	2	#4	9'-10"	—
h27	2	#4	7'-3"	—
u	36	#4	3'-5"	—
v2	4	#4	10'-0"	—
Reinforcement Bars			Pound	290
Concrete Box Culverts			Cu. Yd.	5.0
Stud Sheer Connectors			Each	74
Permanent Steel Sheet Piling			Sq. Ft.	772



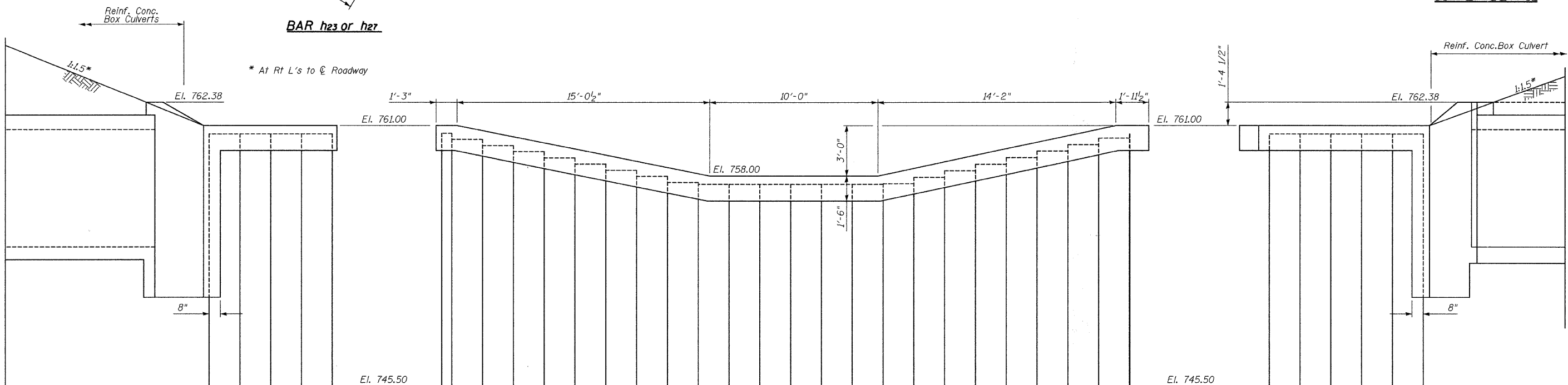
SECTION THRU WALL



PLAN



CORNER DETAIL

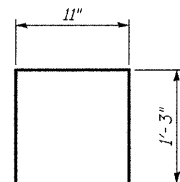


ELEVATION VIEW A-A

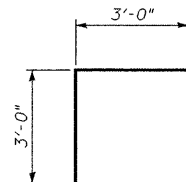
ELEVATION VIEW B-B

ELEVATION VIEW C-C

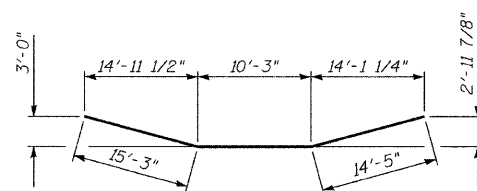
DESIGNED	JKC
CHECKED	JLS
DRAWN	NV
CHECKED	JKC



BAR U



BAR h21



BAR h22

CHAMLIN & ASSOCIATES
PERU ILLINOIS MORRIS

DROP STRUCTURE DETAILS

SHEET NO. 3	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4 SHEETS	587	(22) I & I-1	LASALLE	31	20
SN 050-2052			CONTRACT NO. 66835		
FED. ROAD DIST. NO. _			ILLINOIS FED. AID PROJECT		