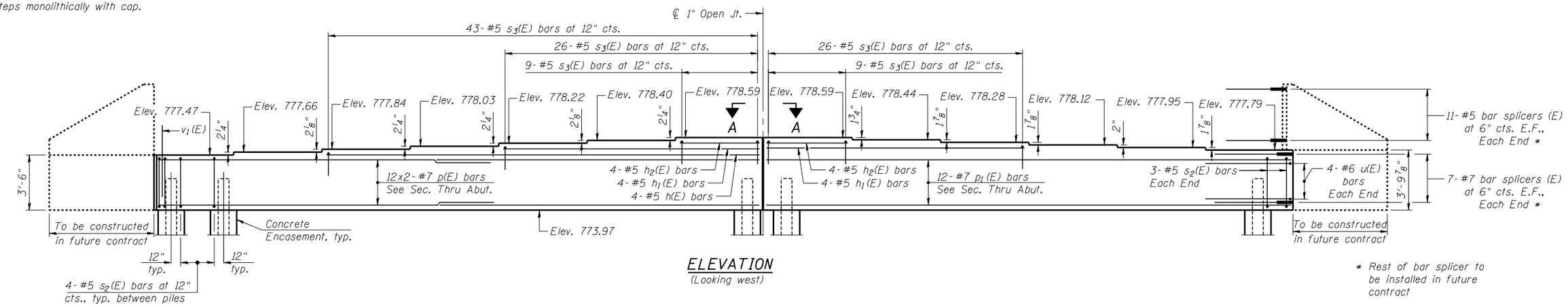
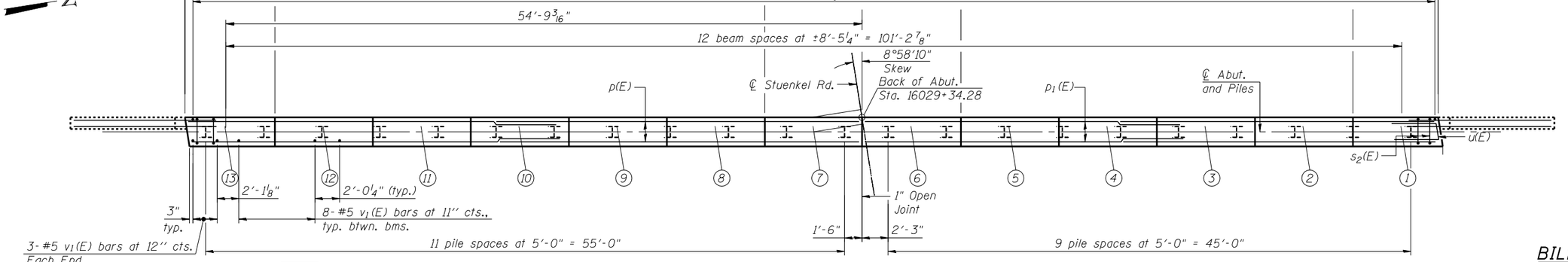
Notes:
Pour steps monolithically with cap.

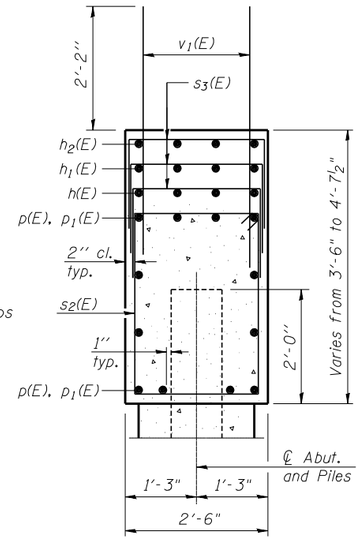


ELEVATION
(Looking west)

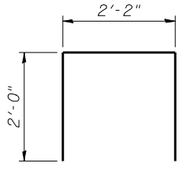
* Rest of bar splicer to be installed in future contract



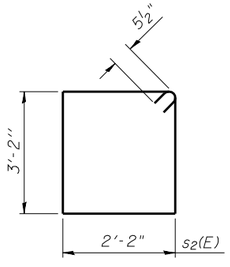
PLAN



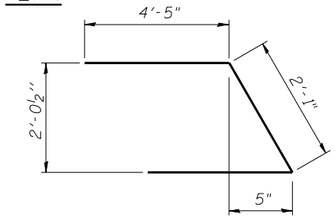
SEC. THRU ABUT.



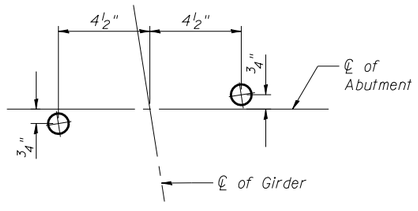
BARS s3(E)



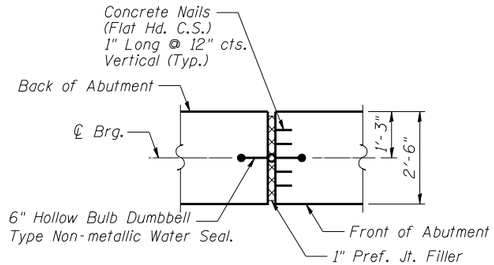
BARS s2(E)



BAR u(E)



ANCHOR BOLT LAYOUT



SECTION A-A
Cost of Water Seal included with Concrete Structures.

PILE DATA

Type: HP 14x73
Nominal Required Bearing: 291 kips
Factored Resistance Available: 160 kips
Est. Length: 49 feet
No. Production Piles: 21
No. Test Piles: 1

MINIMUM BAR LAP

#6 bar = 4'-5"
#7 bar = 5'-10"

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h (E)	4	#5	41'-9"	
h1(E)	8	#5	24'-10"	
h2(E)	8	#5	8'-2"	
p (E)	24	#7	31'-11"	
p1(E)	12	#7	49'-3"	
s2(E)	90	#5	11'-7"	
s3(E)	113	#5	6'-2"	
u (E)	8	#6	10'-11"	
v1(E)	210	#5	4'-4"	
Structure Excavation		Cu. Yd.	54	
Concrete Structures		Cu. Yd.	40.6	
Reinforcement Bars, Epoxy Coated		Pound	6,120	
Furnishing Steel Piles HP 14x73		Foot	1,029	
Driving Piles		Foot	1,029	
Test Pile Steel HP 14x73		Each	1	
Concrete Encasement		Cu. Yd.	12.0	

For details of Bar Splicers, see sheet 29 of 35.
For details of piles and Concrete Encasement, see sheet 28 of 35.

TY LIN INTERNATIONAL

USER NAME =	DESIGNED - PK	REVISED -
	CHECKED - SP	REVISED -
PLOT SCALE =	DRAWN - PK	REVISED -
PLOT DATE =	CHECKED - SP	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEST ABUTMENT
STRUCTURE NO. 099-0526
SHEET NO. 21 OF 35 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	99-1HB-R	WILL	63	43
		CONTRACT NO. 60T40		
	ILLINOIS FED. AID PROJECT			

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