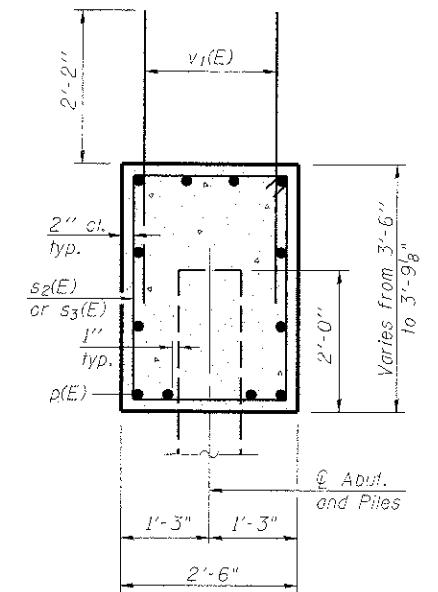
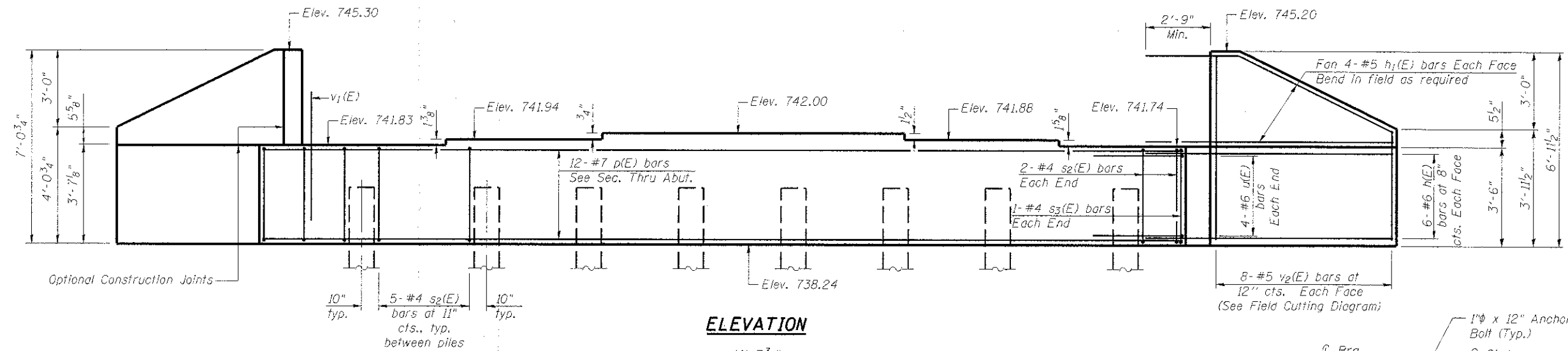
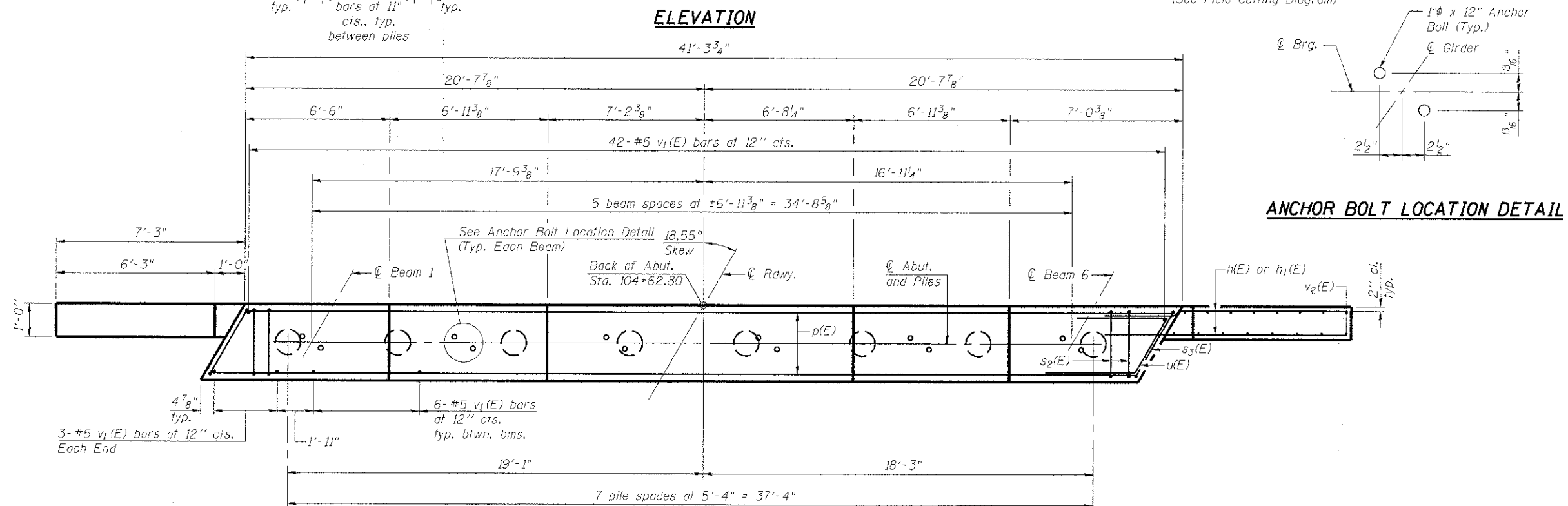


Notes:
Pour steps monolithically with cap.
Space reinforcement to miss anchor bolts.



SEC. THRU ABUT.



ANCHOR BOLT LOCATION DETAIL

BILL OF MATERIAL

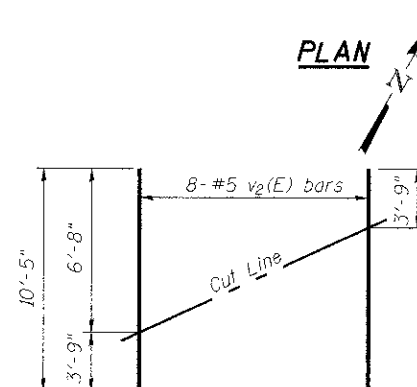
Bar	No.	Size	Length	Shape
1K(E)	24	#6	9'-10"	————
h ₁ (E)	16	#5	10'-6"	————
p(E)	12	#7	40'-11"	————
s ₂ (E)	39	#4	11'-5"	□
s ₃ (E)	2	#4	11'-7"	□
u(E)	8	#6	12'-3"	└
v ₁ (E)	78	#5	4'-4"	————
v ₂ (E)	16	#5	10'-5"	————
Structure Excavation			Cu. Yd.	98
Concrete Structures			Cu. Yd.	17.0
Reinforcement Bars, Epoxy Coated			Pound	2,520
Furnishing Metal Shell Piles 14" x 0.250"			Foot	315
Driving Piles			Foot	315
Test Pile Metal Shells			Each	1

For details of piles, see Sheet 25 of 29.

PILE DATA

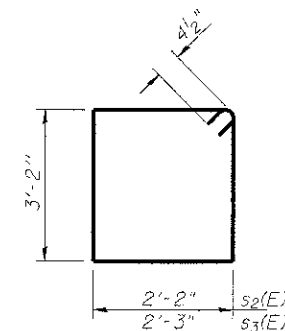
Type: Metal Shell - 14"φ with 0.25" walls
Nominal Required Bearing: 332 Kips/Pile
Factored Resistance Available: 183 Kips/Pile
Est. Length: 45 Ft./Pile
No. Production Piles: 7
No. Test Piles: 1*

* Driven to 110% NRB in production location.

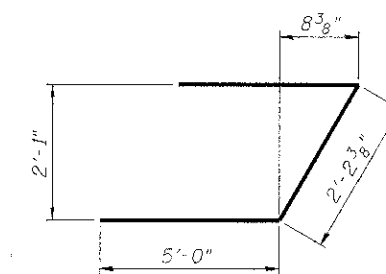


FIELD CUTTING DIAGRAM

Order $v_2(E)$ full length. Cut as shown and use remainder of bars in opposite face.



BARS $s_2(E)$ & $s_3(E)$



BAR $U(E)$

FILE NAME =	USER NAME = bgy	DESIGNED - ADL	REVISED -	ADAMS COUNTY HIGHWAY DEPARTMENT	NORTH ABUTMENT S.N. 001-3338	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Q:\1\Files\110015\05 Plans\Briage Plans Without Structure\Steel\ABUTMENTS.dgn		CHECKED - RJP	REVISED -			1598	11-00218-00-BR	ADAMS	53	35	
PLOT SCALE = 0.003277' / 1" IN.	DRAWN - RJP	REVISED -				CONTRACT NO. 93590					
PLOT DATE = 11/5/2012	CHECKED - ADL	REVISED -				SHEET NO. 19 OF 29 SHEETS					
				ILLINOIS FED. AID PROJECT							