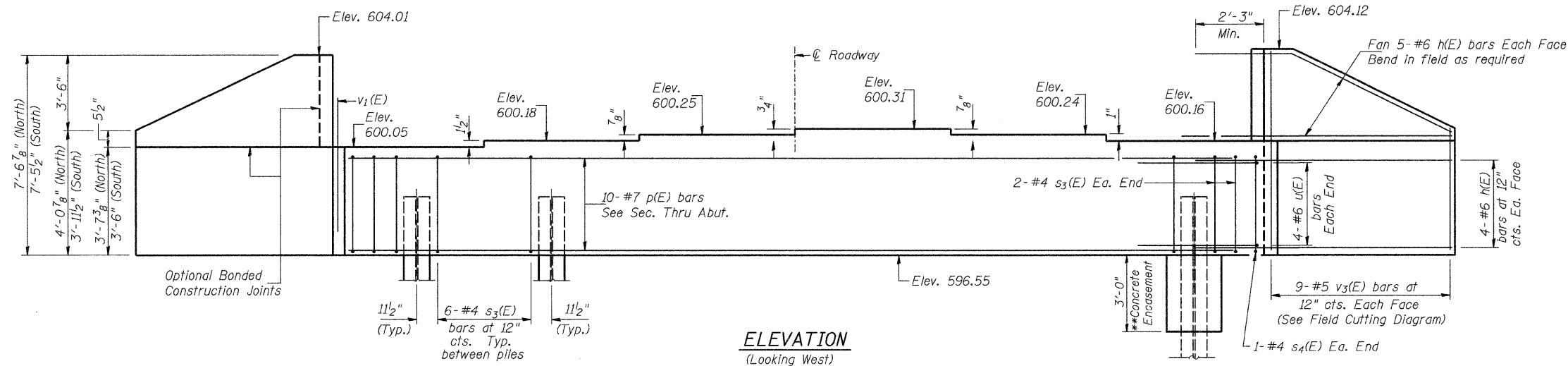
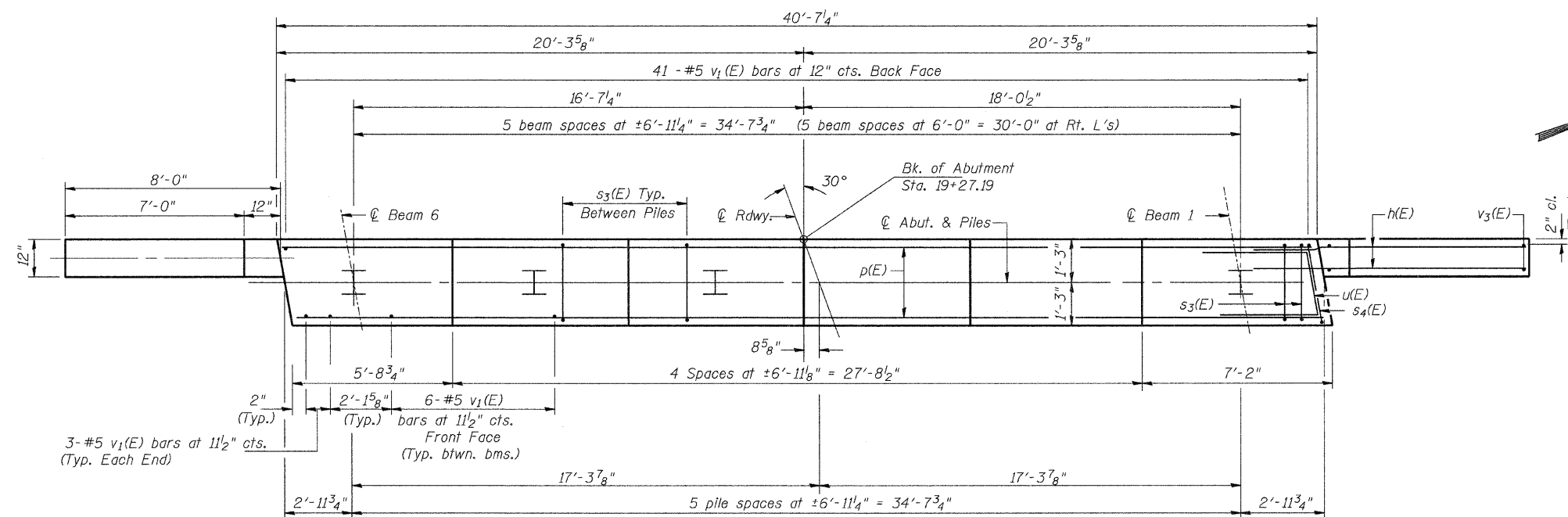


Notes:
 Pour steps monolithically with cap.
 All edges shall have standard $\frac{3}{4}$ " chamfer.
 See Sh 17 of 22 for pile details.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 13
CH 33	*	LASALLE	53	22	OF 22 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	PROJECT	BRS-1365(111)	
*05-00626-00-BR		CONTRACT		#87368	

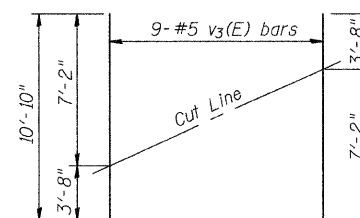


**See Sheet 17 of 22 for details.



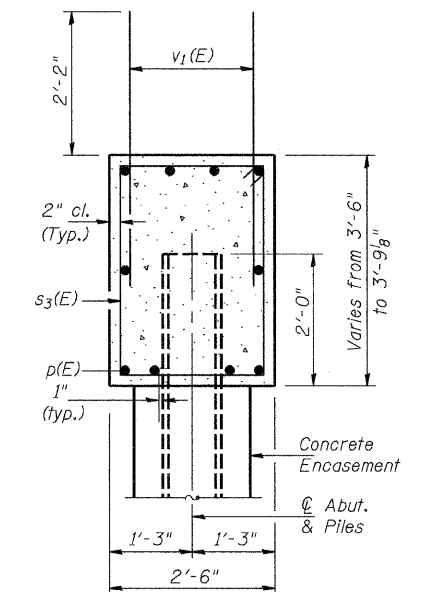
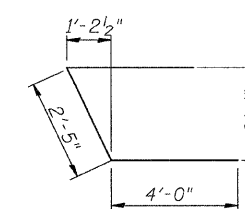
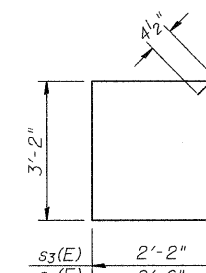
PILE DATA

Type & Size: Steel HP10x42 w/ Pile Shoes
 Nominal Required Bearing: 335 kips
 Factored Resistance Available: 167 kips
 Est. Length: 25'
 No. Required: 6 (Includes 1 test pile)



FIELD CUTTING DIAGRAM

Order v3(E) full length. Cut as shown and use remainder of bars in opposite face.



WEST ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	36	#6	10'-3"	
p(E)	10	#7	40'-4"	
s3(E)	34	#4	11'-5"	
s4(E)	2	#4	12'-1"	
u(E)	8	#6	10'-5"	
v1(E)	77	#5	4'-4"	
v3(E)	18	#5	10'-10"	
Concrete Structures		CU YD	17.3	
Reinforcement Bars, Epoxy Coated		POUND	2,330	
Structure Excavation		CU YD	15	
Furnishing Steel Piles HP10x42		FOOT	125	
Test Pile Steel HP10x42		EACH	1	
Pile Shoes		EACH	6	
Driving Piles		FOOT	125	
Concrete Encasement		CU YD	2.1	

(1) See Special Provisions

WEST ABUTMENT