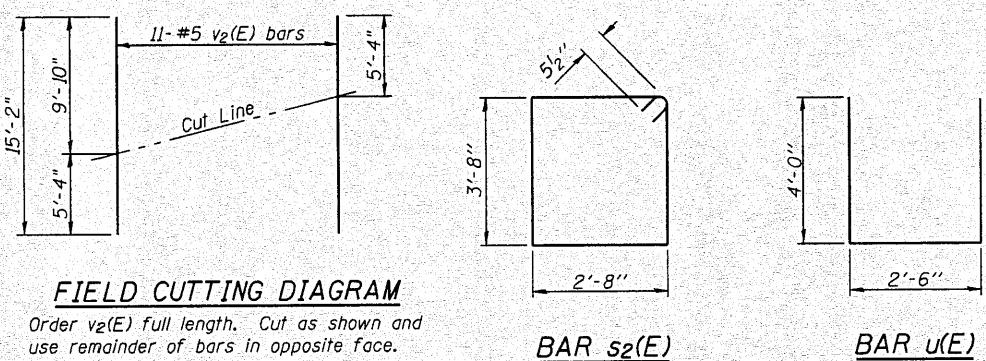
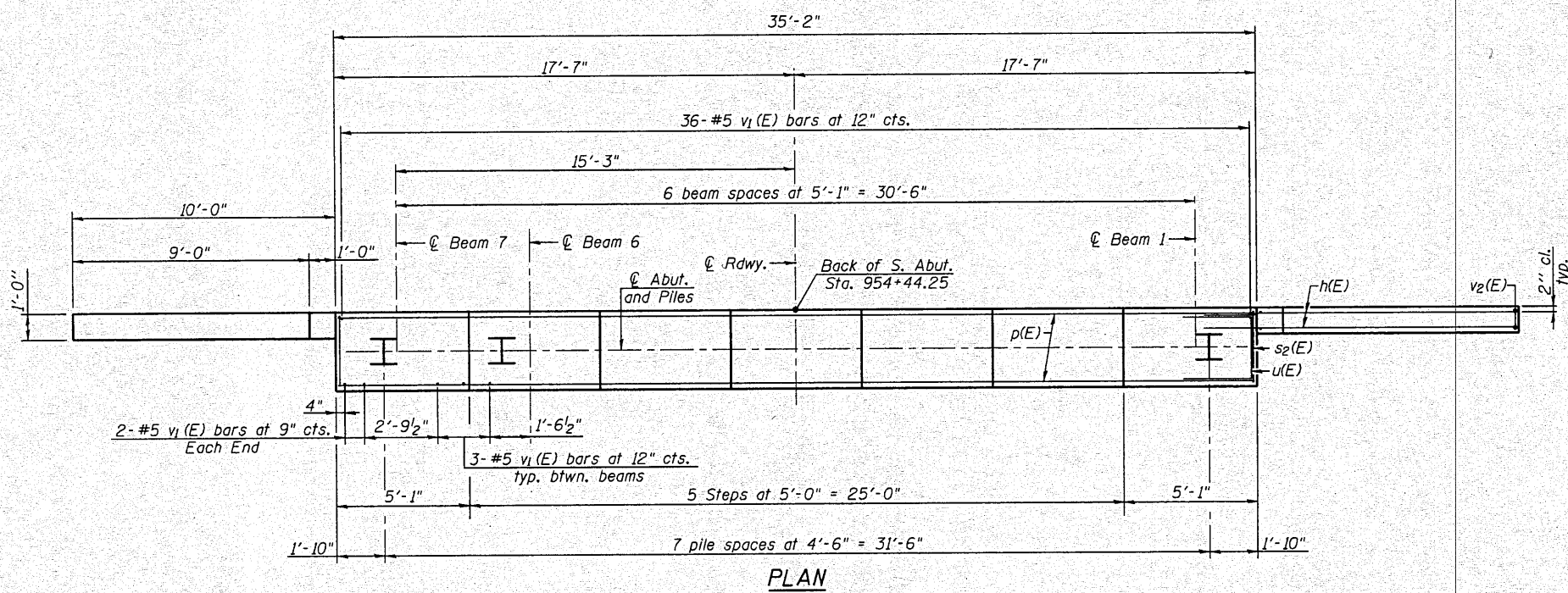
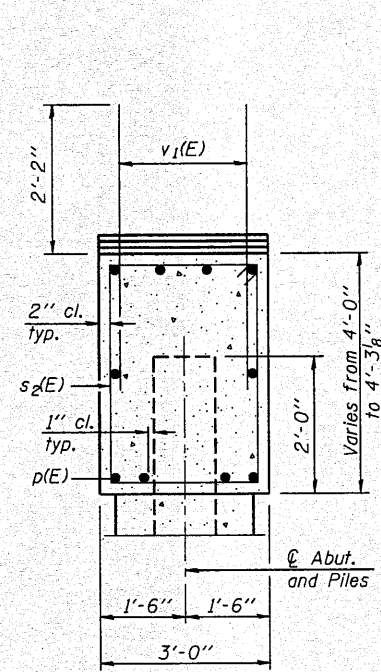
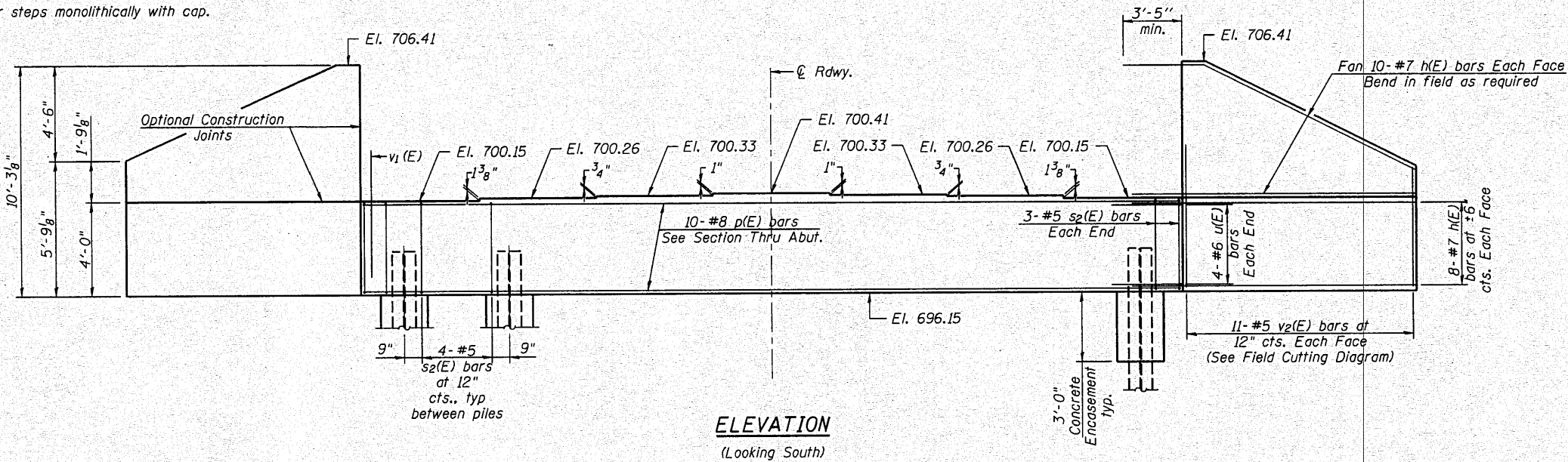


Notes:
Pour steps monolithically with cap.



PILE DATA
Type: HP10x57 with Pile Shoes
Nominal Required Bearing: 454 Kips
Factored Resistance Available: 227 Kips
Est. Length: 40 ft.
No. Production Piles: 7
No. Test Piles: 1

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	72	#7	13'-3"	—
p(E)	10	#8	34'-11"	—
s ₂ (E)	34	#5	13'-7"	□
u(E)	8	#6	10'-6"	□
v ₁ (E)	58	#5	4'-4"	—
v ₂ (E)	22	#5	15'-2"	—
Structure Excavation			Cu. Yd.	32.0
Concrete Structures			Cu. Yd.	22.2
Reinforcement Bars, Epoxy Coated			Pound	4,100
Furnishing Steel				
Piles HP10x57			Foot	280
Driving Piles			Foot	280
Test Pile Steel HP10x57			Each	1
Pile Shoes			Each	8
Concrete Encasement			Cu. Yd.	2.8

For details of piles and Concrete Encasement, see sheet 17 of 19.

**SOUTH ABUTMENT
STRUCTURE NO. 102-0069**



Allen Henderson & Associates, Inc.
Civil and Structural Engineers Springfield, IL
62703 Phone: (217)544-8033 IL Design Firm
No. 184-001907

SHEET NO. 14
19 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	(64-B-1)BR	WOODFORD	45	29
CONTRACT NO. 68785				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				