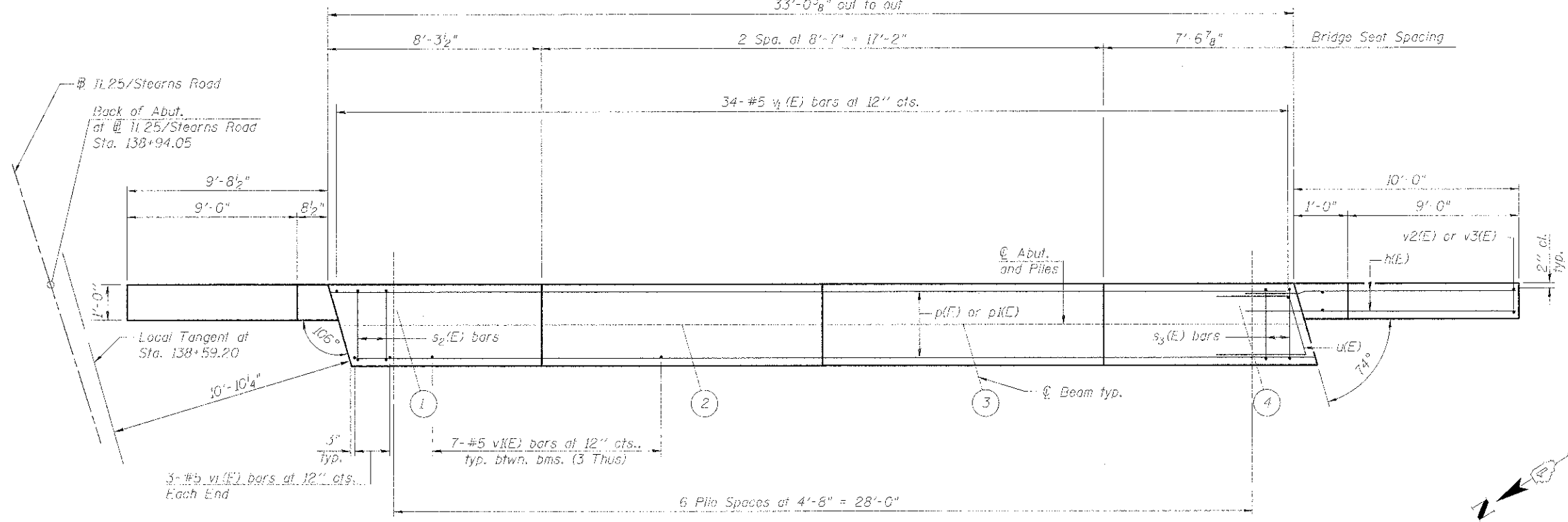
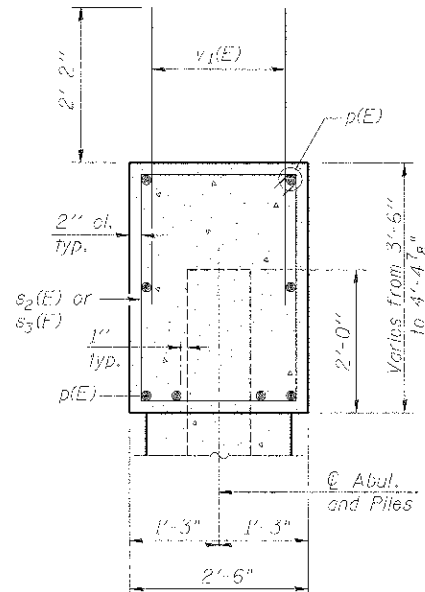
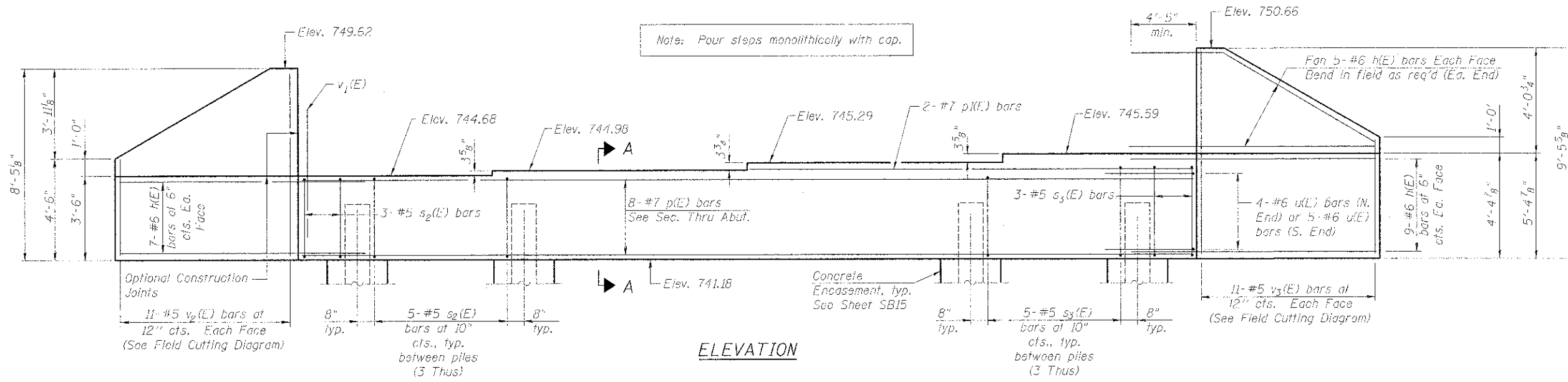




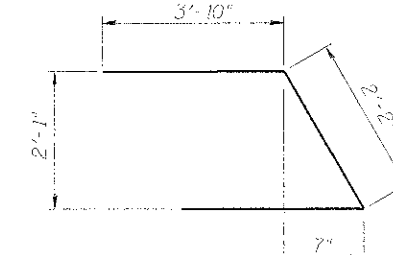
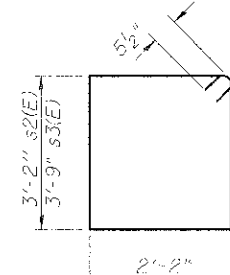
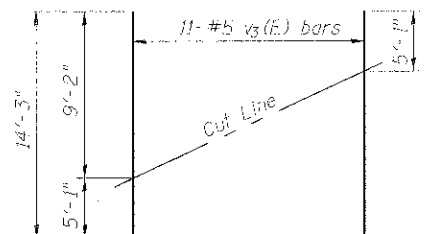
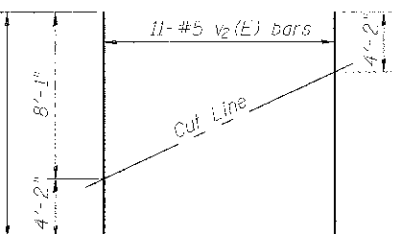
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	52	#6	15'-3"	
p(E)	8	#7	32'-8"	
p(E)	2	#7	15'-10"	
s2(E)	18	#5	11'-7"	
s3(E)	18	#5	12'-9"	
u(E)	9	#6	9'-10"	
v1(E)	61	#5	4'-4"	
v2(E)	11	#5	12'-3"	
v3(E)	11	#5	14'-3"	
Structure Excavation		Cu. Yd.	15	
Concrete Structures		Cu. Yd.	16.0	
Reinforcement Bars		Pound	2,960	
Epoxy Coated				
Furnishing Steel Piles		Foot	438	
HP12x53				
Driving Piles		Foot	138	
Test Pile, HP12x53		Each	1	
Pile Shoes		Each	7	
Concrete Encasement		Cu. Yd.	2.5	

For details of piles and Concrete Encasement, see sheet SB15.

PILE DATA

Type: HP 12x53 w/ Pile Shoes
 Nominal Required Bearing: 291 kips
 Factored Resistance Available: 160 kips
 Est. Length: 13 Feet
 No. Production Piles: 6
 No. Test Piles: 1



FIELD CUTTING DIAGRAM
 Order v2(E) full length. Cut as shown and use remainder of bars in opposite face.

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

BARS s2(E) & s3(E)

BAR u(E)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST ABUTMENT PLAN AND ELEVATION
IL 25/STEARNS RD EB OVER BREWSTER CREEK STRUCTURE NO. 045-2033

FILE NAME	USER NAME	DESIGNED	REVIS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0452033-214-eabut.dgn	mgm	MPH	REVISED	06-00214-18-EP	KANE	161	329
		AJK	REVISED				
		RMG	REVISED				
		AJK	REVISED				

SHEET NO. SB14 OF SB19 SHEETS

CONTRACT NO. 63598
 ILLINOIS FED. AID PROJECT