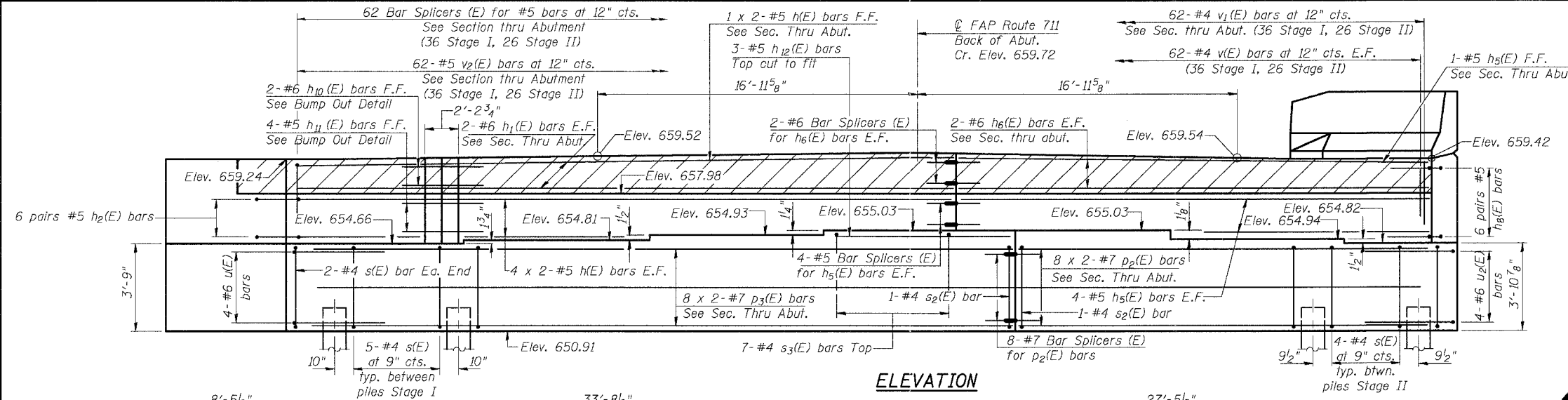
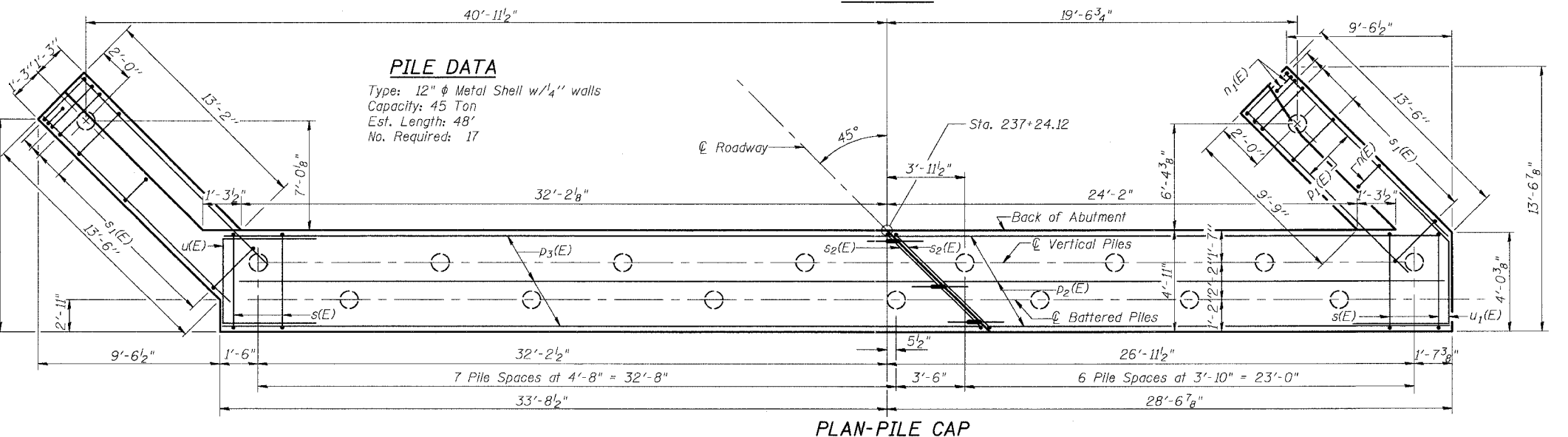
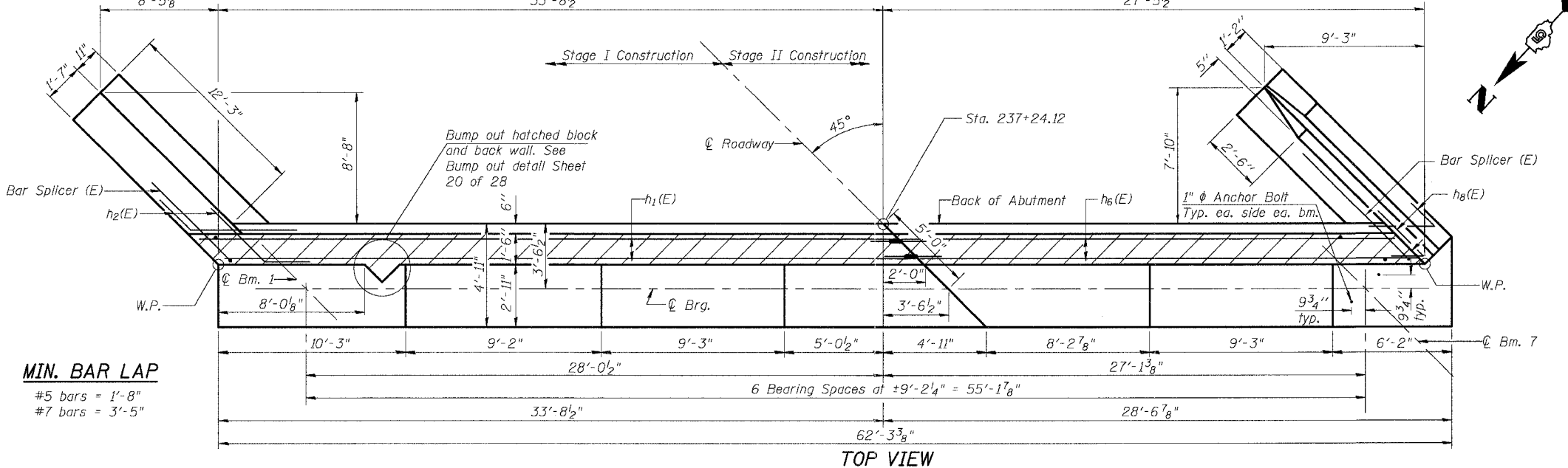


FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 19 28 SHEETS
711	115(BY)BR	VERMILION	93	38	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-			
CONTRACT NO. 98843					



ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	18	#5	18'-7"	—
h ₁ (E)	4	#6	35'-4"	—
h ₂ (E)	12	#5	6'-5"	—
h ₃ (E)	17	#4	13'-2"	—
h ₄ (E)	7	#4	13'-1"	—
h ₅ (E)	10	#5	25'-2"	—
h ₆ (E)	4	#6	25'-1"	—
h ₈ (E)	12	#5	6'-5"	—
h ₉ (E)	6	#4	14'-8"	—
h ₁₀ (E)	2	#6	8'-8"	—
h ₁₁ (E)	4	#5	7'-10"	—
h ₁₂ (E)	3	#5	9'-8"	—
n(E)	27	#6	12'-0"	—
n ₁ (E)	6	#6	6'-0"	—
p ₁ (E)	12	#7	14'-6"	—
p ₂ (E)	16	#7	16'-4"	—
p ₃ (E)	16	#7	20'-10"	—
s(E)	63	#4	16'-3"	—
s ₁ (E)	30	#4	9'-5"	—
s ₂ (E)	2	#4	20'-1"	—
s ₃ (E)	7	#4	6'-7"	—
u(E)	4	#6	13'-5"	—
u ₂ (E)	4	#6	12'-5"	—
v(E)	124	#4	6'-2"	—
v ₁ (E)	62	#4	3'-6"	—
v ₂ (E)	62	#5	2'-0"	—
v ₃ (E)	3	#6	6'-11"	—
v ₄ (E)	11	#6	6'-11"	—
v ₅ (E)	14	#6	6'-11"	—
v ₆ (E)	30	#6	3'-4"	—
Structure Excavation	Cu. Yd.	341		
Concrete Structures	Cu. Yd.	72.5		
Reinforcement Bars, Epoxy Coated	Pound	5920		
Furnishing Metal Pile Shells 12"	Foot	816		
Driving & Filling Shells	Foot	816		
Bar Splicers	Each	82		



Reinforcement bars designated (E) shall be epoxy coated.
For details of Bar Splicers, see sheet 24 of 28.

Work this sheet with 20 & 21 of 28.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
SHEET TITLE EAST ABUTMENT	
PROJECT US RTE 136 OVER BLUEGRASS CREEK FAP ROUTE 711 SECTION 115(BY)BR VERMILION COUNTY STATION 236+24.70 STRUCTURE NUMBER 092-0200	PROJECT NO. 01054 SCALE DATE 05/18/04 DRAWN BY TFG CHECKED BY KPS/CME/MCB DRAWING NO.
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois	
Design Firm License No. 184-002703	19 OF 28 SHTS