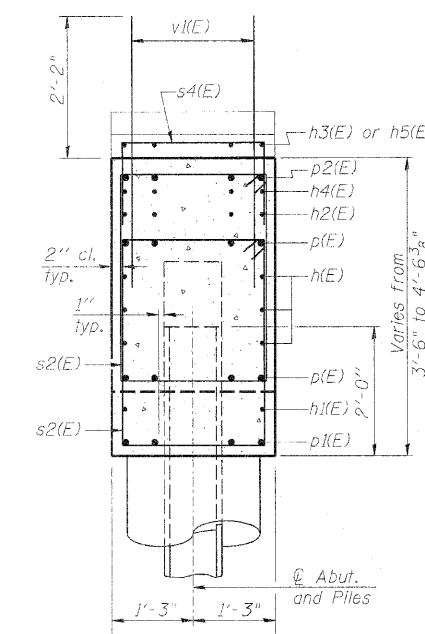
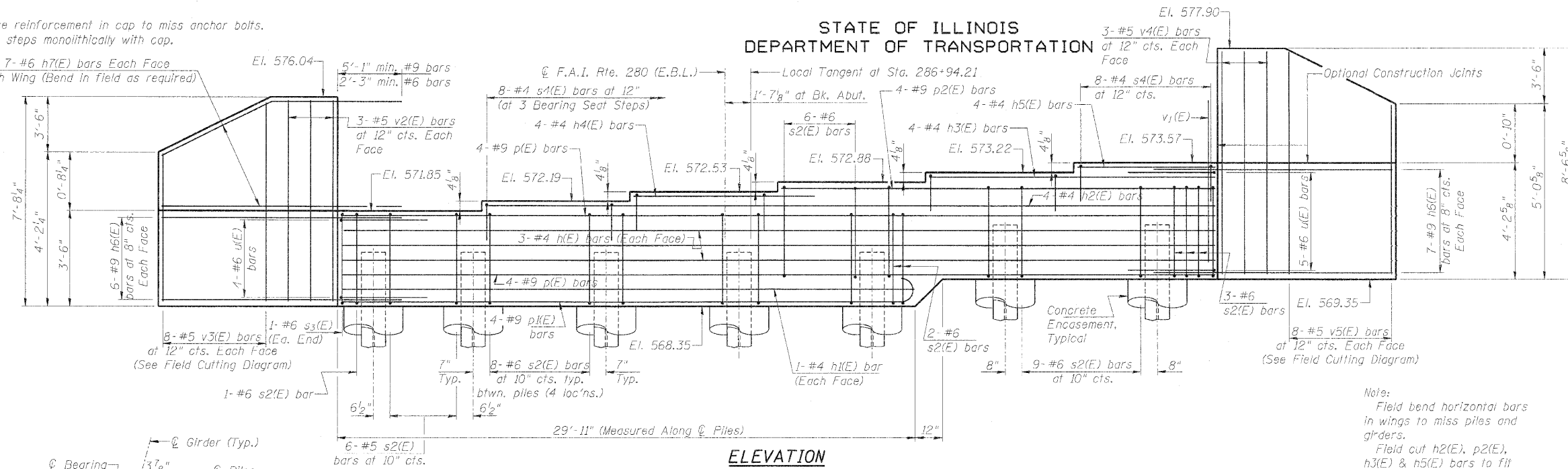


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Notes:

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

For 7-#6 h7(E) bars Each Face
Each Wing (Bend in field as required)



Note:
Field bend horizontal bars
in wings to miss piles and
girders.
Field cut h2(E), p2(E),
h3(E) & h5(E) bars to fit
skewed end.

SEC. THRU ABUT.

BILL OF MATERIAL - E. Abut. - E.B.L.

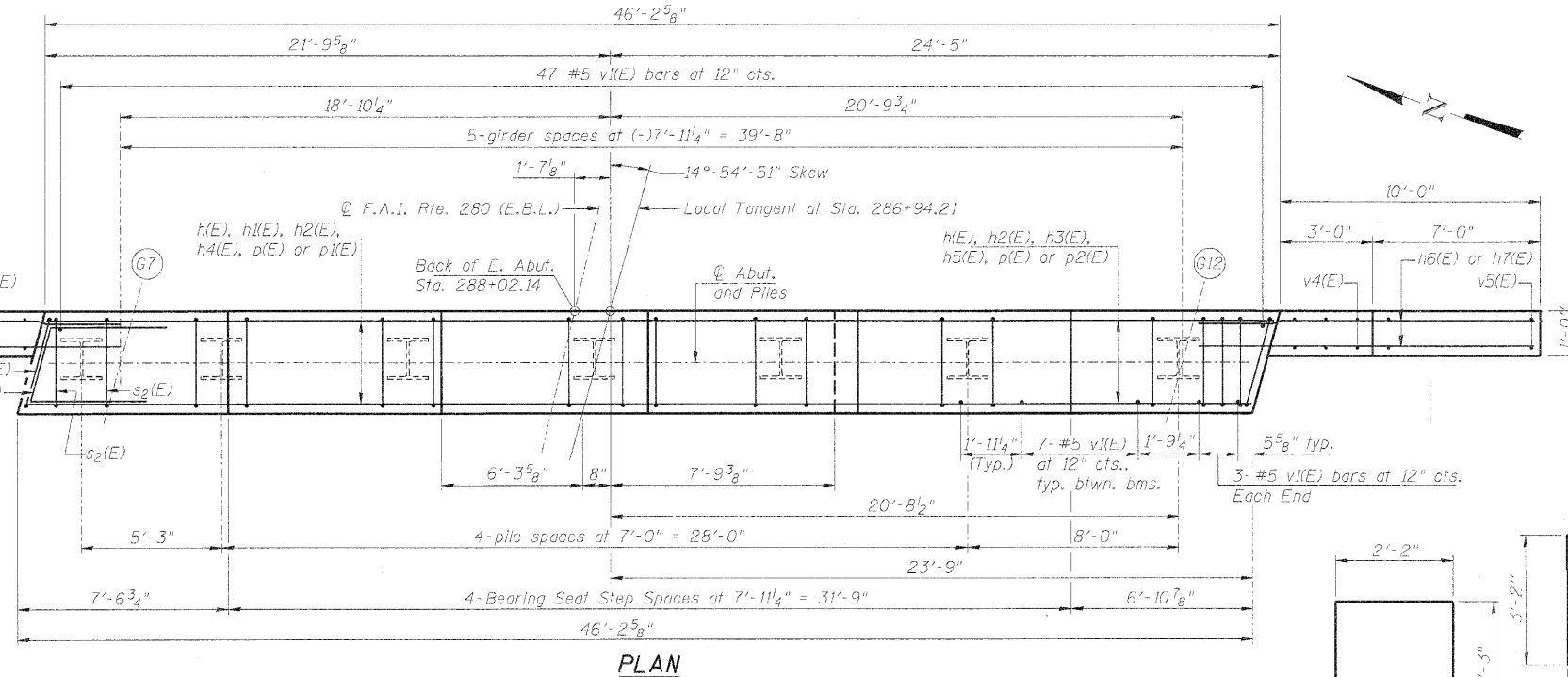
Bar	No.	Size	Length	Shape
h(E)	6	#4	45'-11"	
h1(E)	2	#4	30'-0"	
h2(E)	4	#4	39'-0"	
h3(E)	4	#4	15'-2"	
h4(E)	4	#4	9'-5"	
h5(E)	4	#4	7'-3"	
h6(E)	26	#9	14'-11"	
h7(E)	28	#6	12'-6"	
p(E)	8	#9	45'-11"	
p1(E)	4	#9	31'-4"	
p2(E)	4	#9	23'-2"	
s2(E)	59	#6	12'-0"	
s3(E)	2	#6	12'-2"	
s4(E)	32	#4	4'-8"	
u(E)	9	#6	9'-9"	
v1(E)	88	#5	4'-4"	
v2(E)	6	#5	7'-4"	
v3(E)	8	#5	11'-2"	
v4(E)	6	#5	8'-3"	
v5(E)	8	#5	13'-0"	
Structure Excavation		Cu. Yd.	115	
Concrete Structures		Cu. Yd.	22.3	
Reinforcement Bars, Epoxy Coated		Pound	6260	
Furnishing Steel Piles, HP12x63		Foot	154	
Driving Piles		Foot	154	
Concrete Encasement		Cu. Yd.	2.4	
Pile Shoes		Each	7	

For details of Bar Splicers, see sheet 34 of 40.
For details of piles and Concrete Encasement,
see sheet 35 of 40.

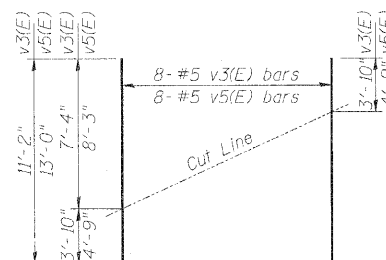
EAST ABUTMENT - E.B.L.

STRUCTURE NUMBERS 081-0026 (E.B.) & 081-0027 (W.B.)

ANCHOR BOLT LAYOUT
(Typical all Girder Locations)

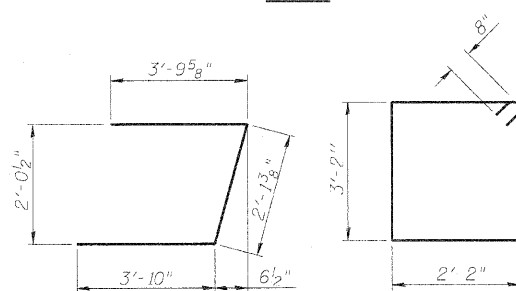


PLAN



FIELD CUTTING DIAGRAM

Order v3(E) & v5(E) full length. Cut as
shown and use remainder of bars in
opposite face.



BAR u(E)

BAR s2(E)

BAR p1(E)

BAR s4(E)

BAR s3(E)

PILE DATA

Type: HP12x63
Nominal Required Bearing: 497 Kips
Allowable Resistance Available: 166 Kips
Est. Length: 22 Feet
No. Production Piles: 7
No. Test Piles: 1

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05R1532A

DATE 05/21/10

SHEET NO. 30

40 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-11B-DR	Rock Island	503	443
CONTRACT NO. 64815				
ILLINOIS FED. AID PROJECT				