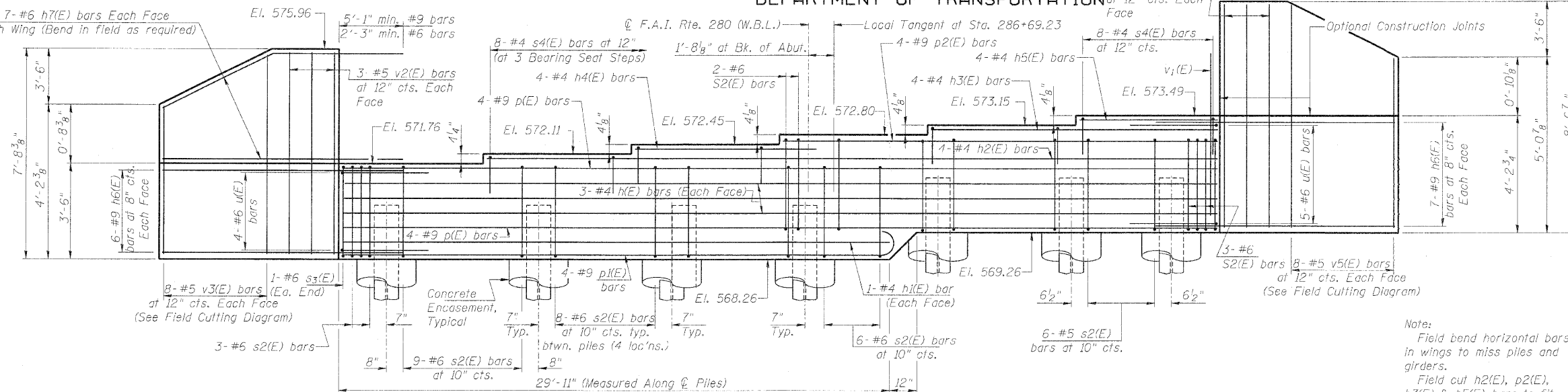
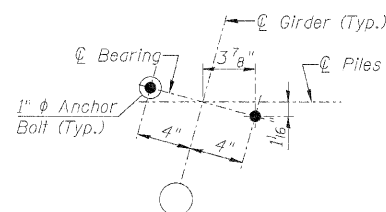


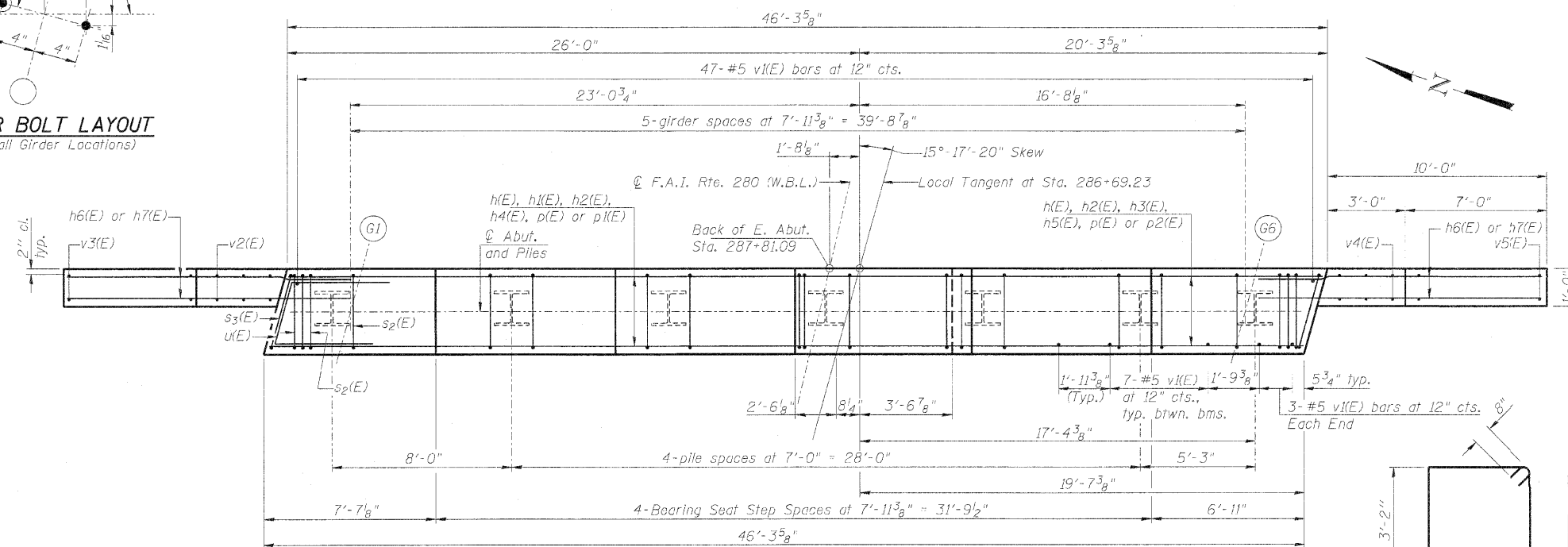
Fan 7- #6 h7(E) bars Each Face
Each Wing (Bend in field as required)



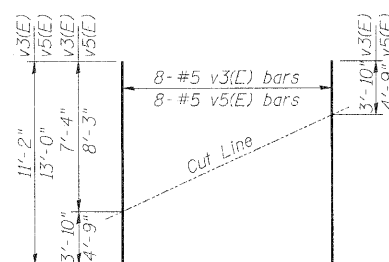
ELEVATION
(Elevation Section - Cut Along @ Piles - Looking East)



ANCHOR BOLT LAYOUT
(Typical all Girder Locations)

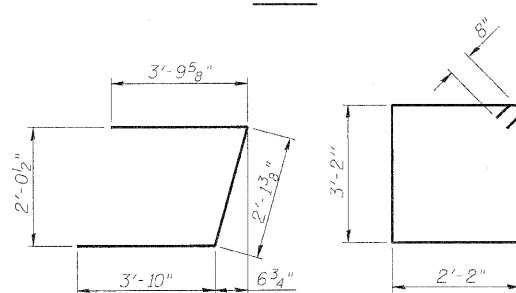
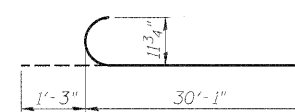
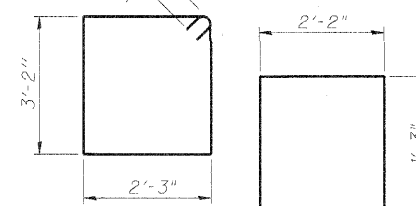


PLAN



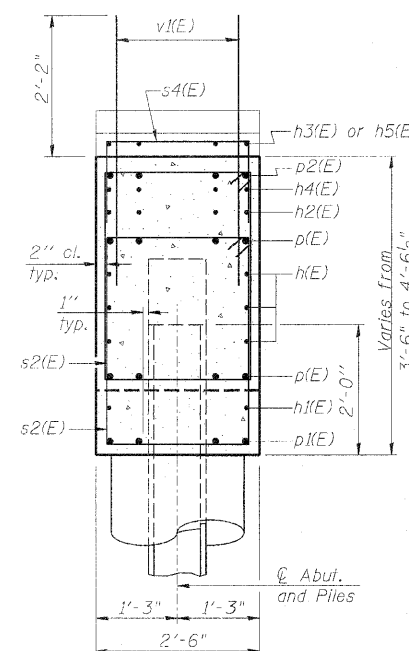
FIELD CUTTING DIAGRAM

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


$$BAR \ u(E)$$
 $BAR \ s_2(E)$ 
$$BAR \ p1(E)$$


BAR s3(E)

BAR s4(E)



SEC. THRU ABUT.

BILL OF MATERIAL - E. Abut. - W.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"	C
p2(E)	4	#9	23'-2"	—
s2(E)	61	#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.	22.4
Reinforcement Bars, Epoxy Coated	Pound	6260
Furnishing Steel Piles, HP12x63	Foot	140
Driving Piles	Foot	140
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 - W.B.L.

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	B1-1(B-DR	Rock Island	503	441
		CONTRACT NO. 64815		
ILLINOIS		FED. AID PROJECT		

<u>FILE DATA</u>	
Type:	HP12x63
Nominal Required Bearing:	497 Kips
Allowable Resistance Available:	186 Kips
Est. Length:	20 Feet
No. Production Piles:	7
No. Test Piles:	-

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JOB NO.
05R1532A

DATE
05/21/10

SHEET NO.28

40 SHEETS

8	F.A. RTE.
	280

SECTION
81-1(B-1)

COUNTY
Rock Island

TOTAL SHEETS	SHEE NO.
503	441