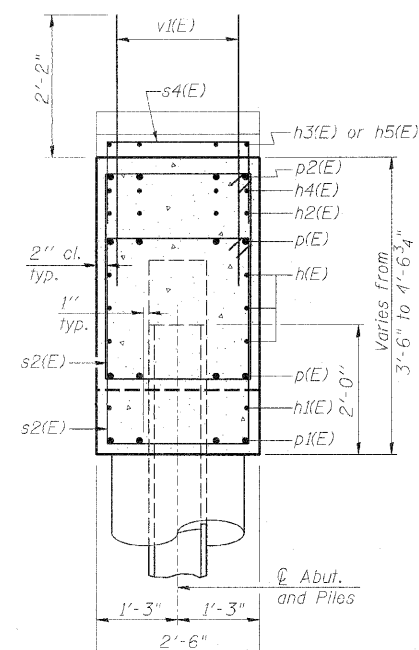
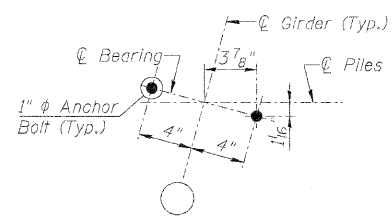


Space reinforcement in cap to miss anchor bolts.
Pour steps monolithically with cap.

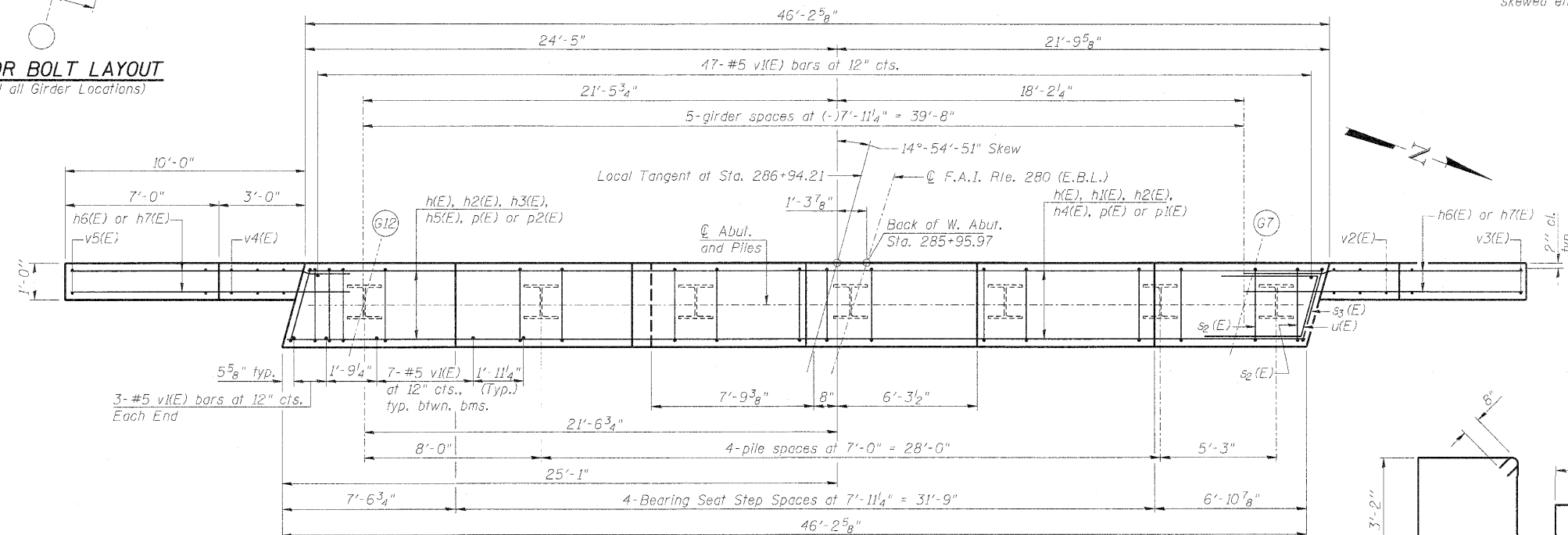


SEC. THRU ABUT.

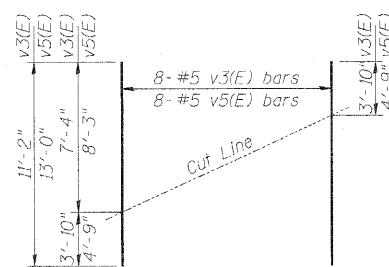
BILL OF MATERIAL - W. Abut. - E.B.L.



ANCHOR BOLT LAYOUT
(Typical all Girder Locations)

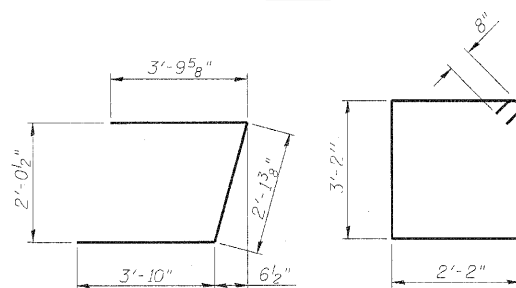
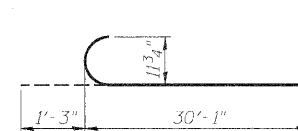
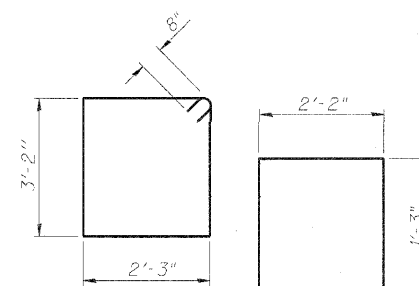


PLAN



FIELD CUTTING DIAGRAM

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


$$BAR \cup (E)$$
 $BAR \ s2(E)$  $BAR \ pK(E)$ 

BAR s3(E)

 $BAR\ s4(E)$

Bar	No.	Size	Length	Shape
h(E)	6	#4	45'-11"	—
h(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(F)	8	#9	45'-11"	—
p(E)	4	#9	31'-4"	C
p2(E)	4	#9	23'-2"	—
s2(E)	59	#6	12'-0"	□
s3(E)	2	#6	12'-0"	□
s4(E)	32	#4	4'-8"	□
u(F)	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	147
Driving Piles	Foot	147
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.

Type:	11P12x63
Nominal Required Bearing:	497 Kips
Allowable Resistance Available:	166 Kips
Est. Length:	21 Feet
No. Production Piles:	7
No. Test Piles:	-

WEST ABUTMENT - E.B.L.

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

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DATE 05/21/10		CONTRACT NO. 64815			ILLINOIS FED. AID PROJECT			