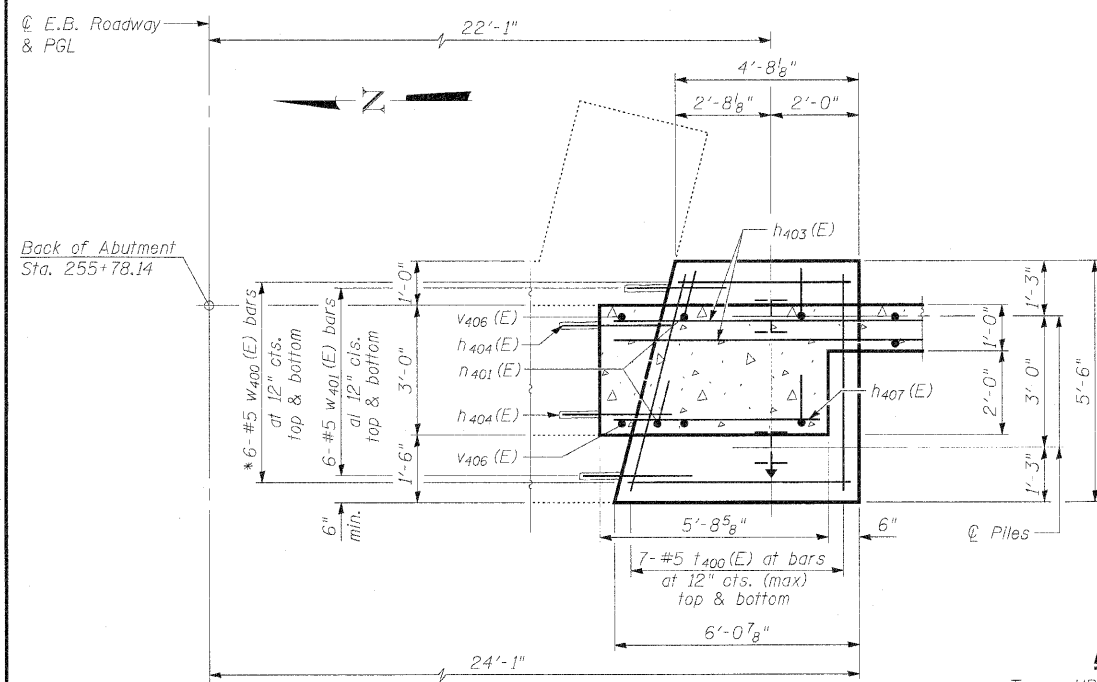
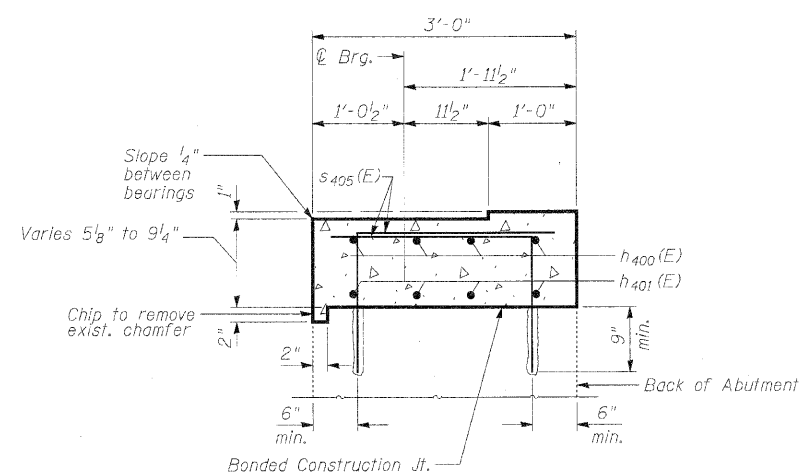




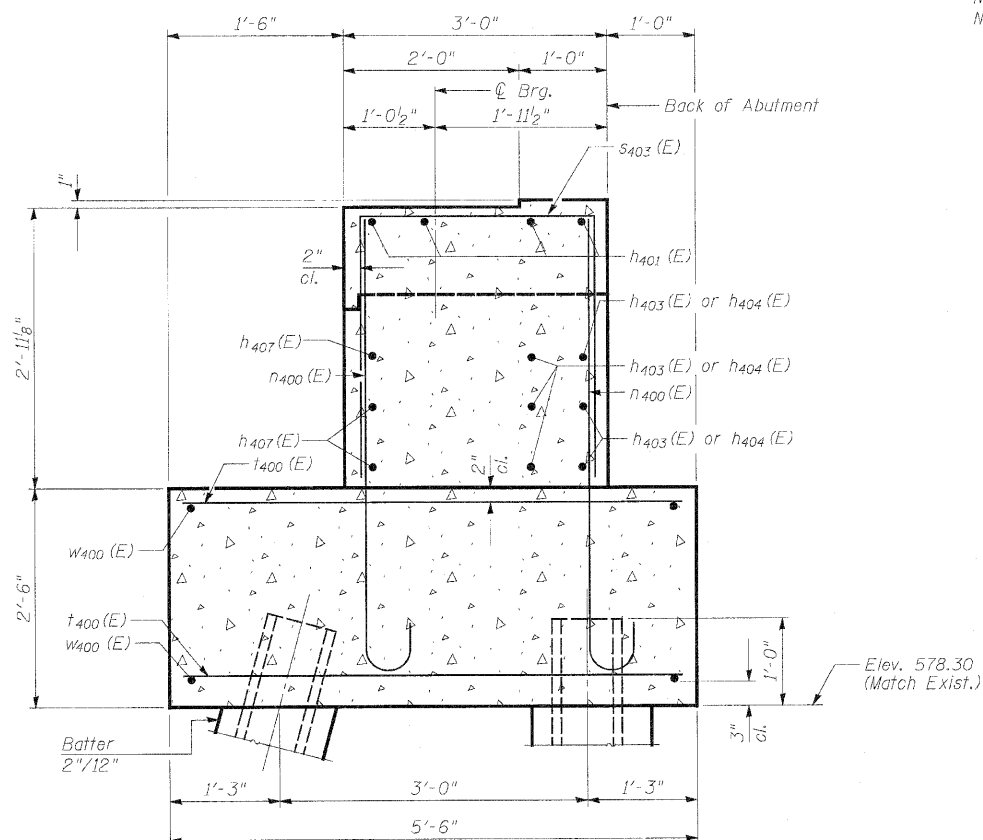
PARTIAL FOOTING PLAN



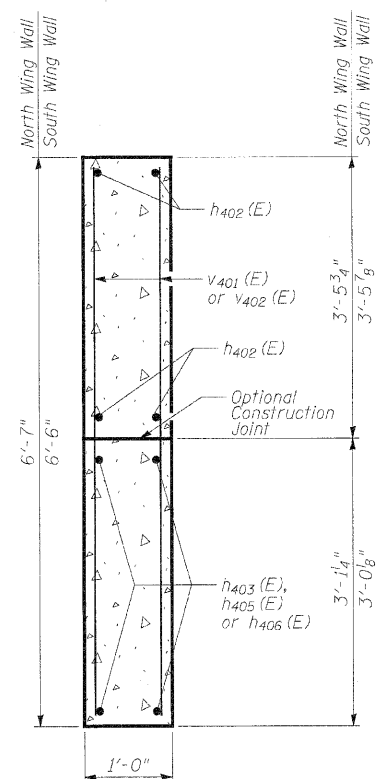
SECTION A-A

PILE DATA

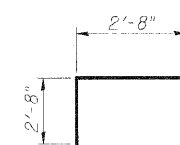
Type: HP10x42 with pile shoes
Nominal Required Bearing: 335 kips
Allowable Resistance Available: 112 kips
Est. Length: 29 feet
No. Production Piles: 2
No. Test Piles: 0



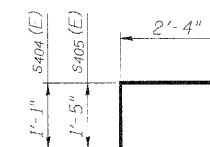
SECTION B-B



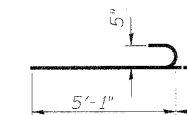
SECTION C-C



BAR 5403 (E)



BAR S404 (E) & S405 (E)



BAR n₄₀₀(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shap
h ₄₀₀ (E)	4	#5	6'-10"	—
h ₄₀₁ (E)	4	#5	42'-10"	—
h ₄₀₂ (E)	16	#5	5'-6"	—
h ₄₀₃ (E)	10	#6	15'-6"	—
h ₄₀₄ (E)	12	#6	4'-9"	—
h ₄₀₅ (E)	6	#6	11'-5"	—
h ₄₀₆ (E)	4	#6	13'-0"	—
h ₄₀₇ (E)	3	#6	5'-5"	—
h ₄₀₀ (E)	11	#5	5'-8"	—
s ₄₀₃ (E)	7	#5	8'-0"	□
s ₄₀₄ (E)	58	#5	3'-5"	┐
s ₄₀₅ (E)	16	#5	3'-9"	┘
t ₄₀₀ (E)	14	#5	5'-3"	—
v ₄₀₁ (E)	8	#5	6'-3"	—
v ₄₀₂ (E)	18	#5	7'-0"	—
v ₄₀₄ (E)	2	#5	3'-9"	—
v ₄₀₅ (E)	2	#5	3'-7"	—
v ₄₀₇ (E)	2	#5	2'-10"	—
w ₄₀₀ (E)	12	#5	10'-1"	—
w ₄₀₁ (E)	12	#5	4'-2"	—

FIELD CUTTING DIAGRAM

Order bars full length.
Cut to fit as shown and use remainder
of bars in opposite face.

DESIGNED	SST
CHECKED	-
DRAWN	ASJ
CHECKED	SPK

Notes:

→	Denotes direction of batter piles.
*	See Field Cutting Diagram



INFRASTRUCTURE
ENGINEERING | INCORPORATED
33 West Monroe | Suite 1540 | Chicago, IL 60603
P 312.425.9560 | F 312.425.9564 | www.infrastructure-eng.com

SHEET NO. 35	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHE NO.
	280	81-1(HB-2)R	ROCK ISLAND	503	31
	54 SHEETS		CONTRACT NO. 64815		
FED. ROAD DIST. NO. -		ILLINOIS FED. AID PROJECT			