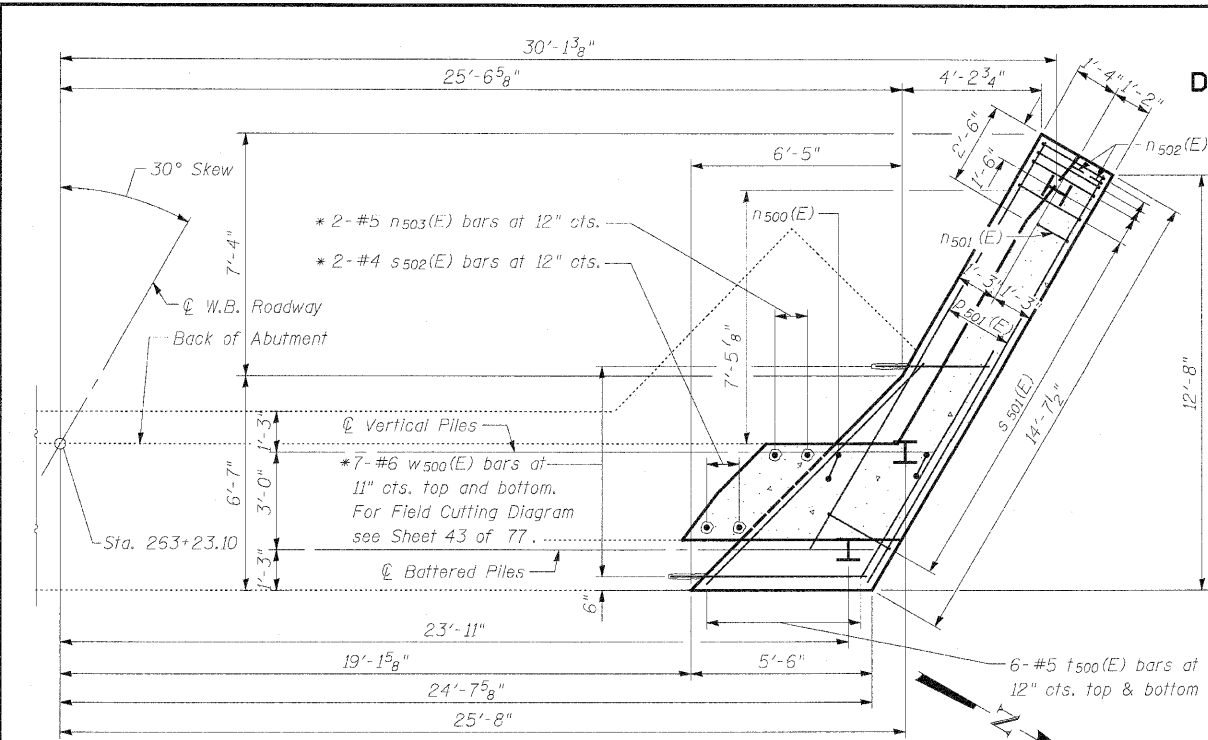


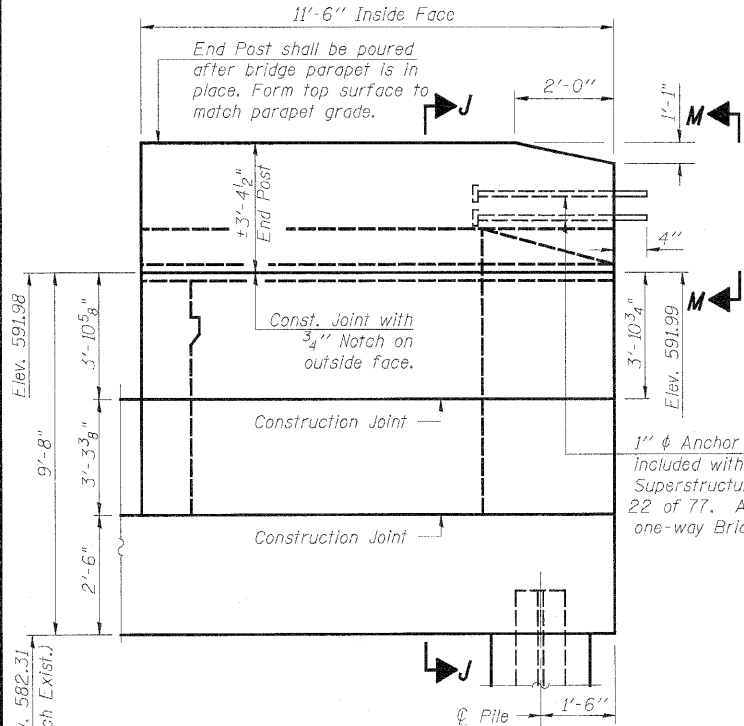
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



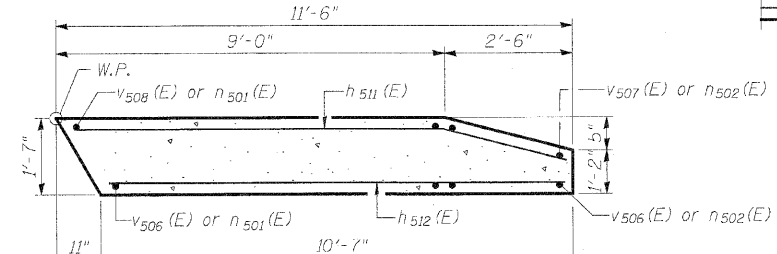
PARTIAL FOOTING PLAN

PILE DATA

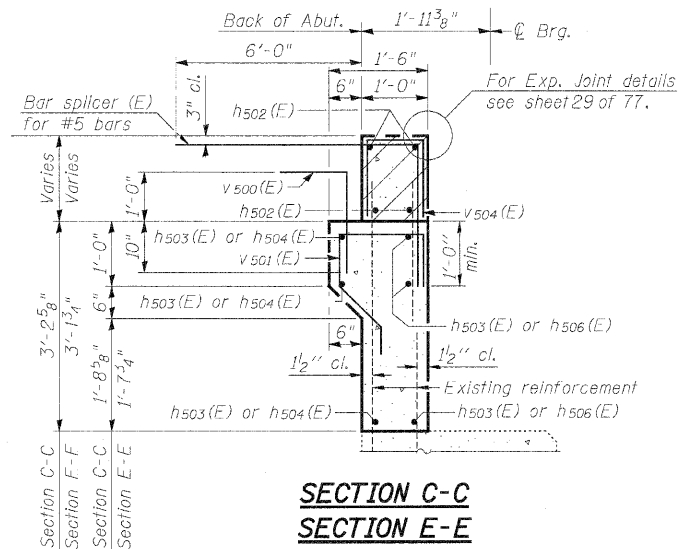
Type: HP8x36 with Pile Shoes
Nominal Required Bearing: 286 kips
Allowable Resistance Available: 95 kips
Est. Length: 32'
No. Production Piles: 3
No. Test Piles: 0



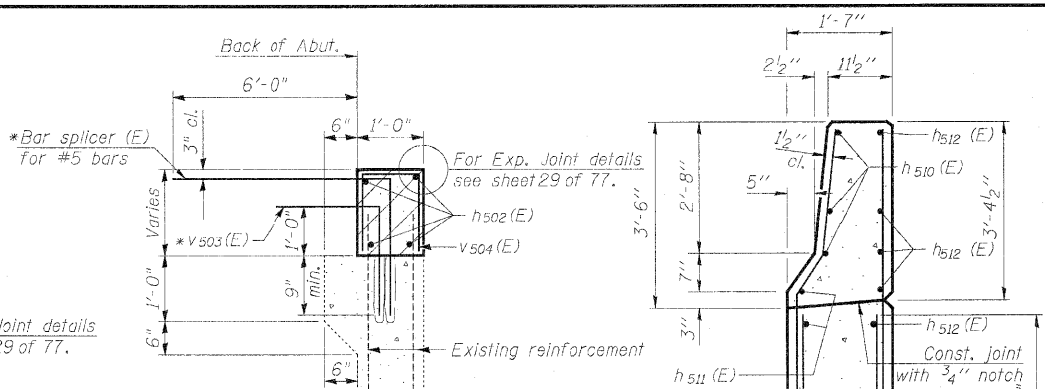
NORTH WING WALL ELEVATION
Showing Dimensions



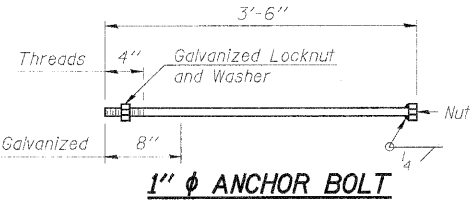
SECTION K-K



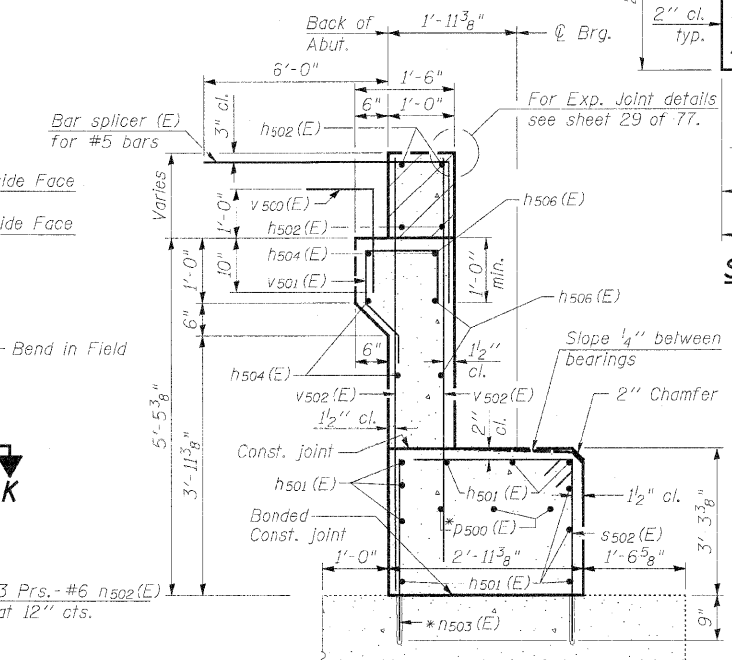
SECTION C-C
SECTION E-E



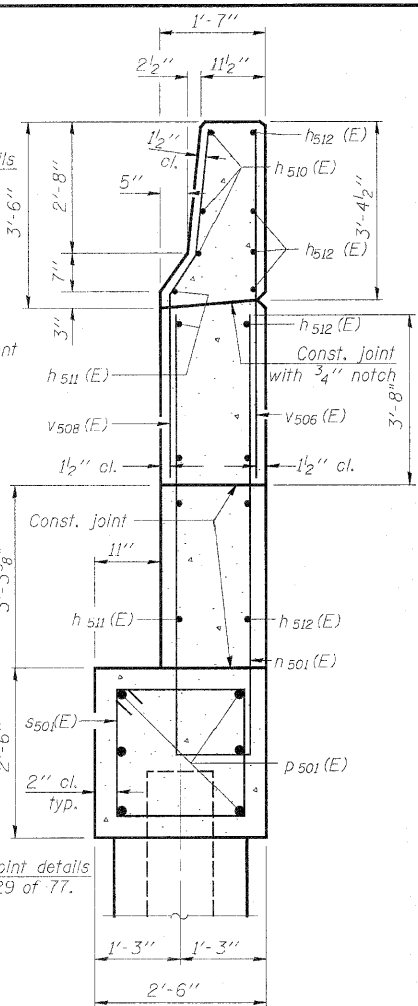
SECTION B-B



1" ϕ ANCHOR BOLT



SECTION D-D



SECTION J-J

Notes:
See Sheet 43 of 77 for Bill of Material.
Quantity of concrete in end post included
with Concrete Superstructure on sheet 22 of 77.

* Epoxy grout n503(E), p500(E), s502(E), v503(E),
w500(E) bars, and bar splicer in 9" (min.) drilled holes.
See Section 584 of the Standard Specifications. Cost
of hole drilling and epoxy grouting are included with
"Reinforcement Bars, Epoxy Coated".

ABUTMENT A FOOTING WIDENING
AND NORTH WING WALL
STRUCTURE NO. 081-0024 (W.B.)
STRUCTURE NO. 081-0025 (E.B.)

DESIGNED	LAN
CHECKED	MMB
DRAWN	LAN
CHECKED	MMB



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.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	280	81-1(VB-1)R	ROCK ISLAND	503	378
77 SHEETS					
CONTRACT NO. 64815					
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					