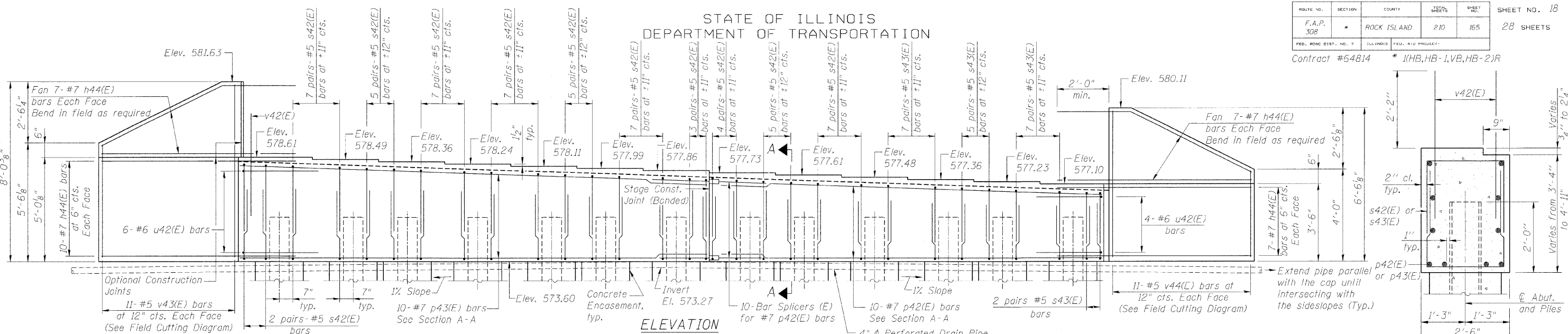


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
F.A.P. 308	*	ROCK ISLAND	210	165
FED. ROAD DIST. NO. 7		ILLINOIS *S.D. AND PROJECT*		28 SHEETS

Contract #64814 * (1HB, HB-1, VB, HB-2)R



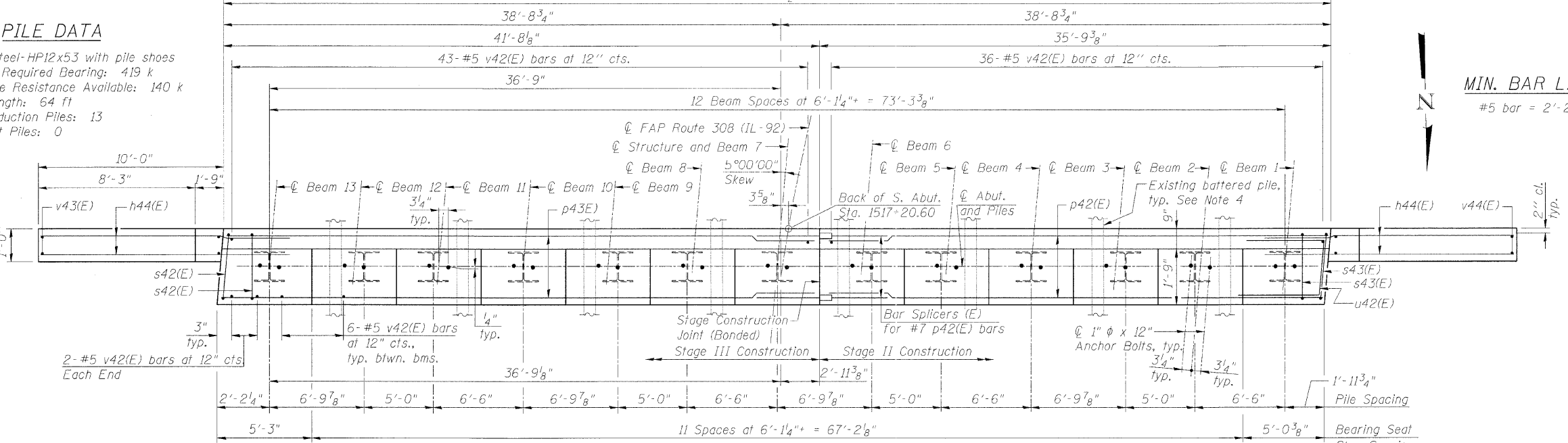
SECTION A-A

PILE DATA

Type: Steel-HP12x53 with pile shoes
Nominal Required Bearing: 419 k
Allowable Resistance Available: 140 k
Est. Length: 64 ft
No. Production Piles: 13
No. Test Piles: 0

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h44(E)	62	#7	12'-0"	—
p42(E)	10	#7	35'-2"	—
p43(E)	10	#7	41'-4"	—
s42(E)	118	#5	9'-0"	□
s43(E)	42	#5	7'-10"	□
u42(E)	10	#6	9'-9"	┌
v42(E)	155	#5	4'-4"	—
v43(E)	11	#5	12'-10"	—
v44(E)	11	#5	9'-10"	—
Porous Granular Embankment (Special)			Cu. Yd.	160
Structure Excavation			Cu. Yd.	66
Concrete Structures			Cu. Yd.	35.2
Reinforcement Bars, Epoxy Coated			Pound	5,640
Furnishing Steel Piles HP12x53			Foot	832
Driving Piles			Foot	832
Pile Shoes			Each	13
Concrete Encasement			Cu. Yd.	4.6
Geocomposite Wall Drain			Sq. Yd.	69
Pipe Underdrains for Structures 4"			Foot	112



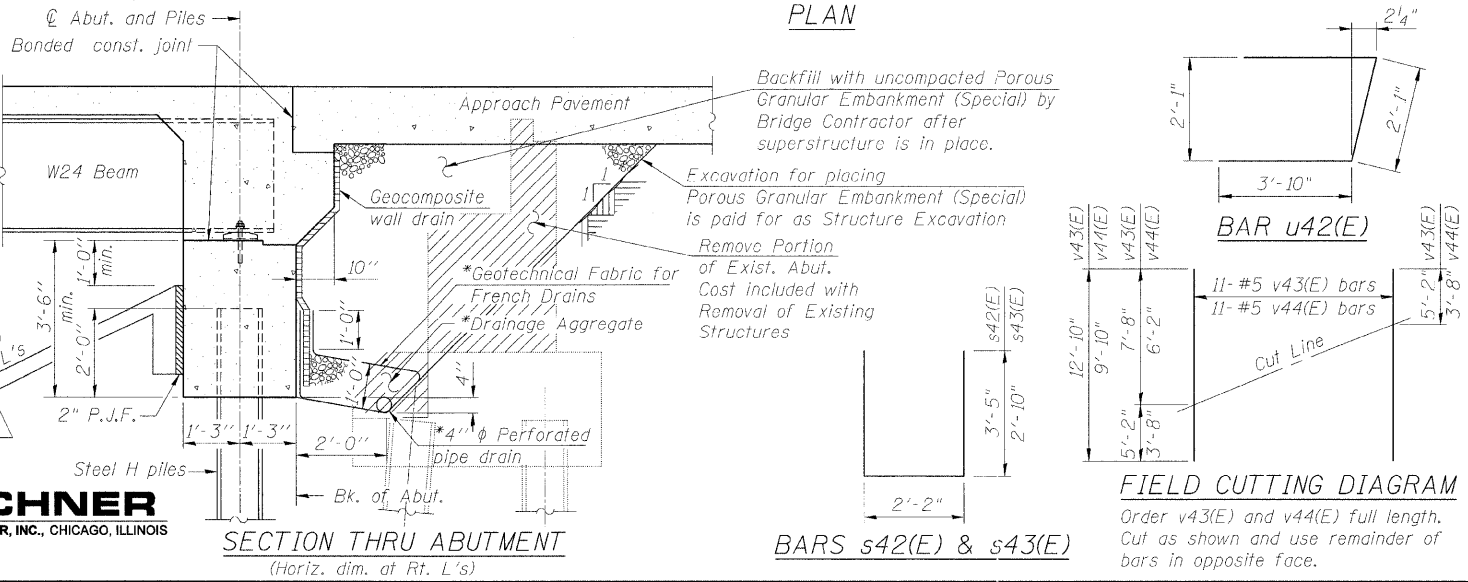
PLAN

* Included in the cost of Pipe Underdrains for Structures, 4"

Note:
All Drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601.101).

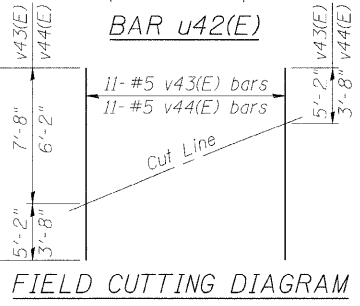
DESIGNED AMK
CHECKED JSD
DRAWN OS
CHECKED RWC

LOCHNER
H.W. LOCHNER, INC., CHICAGO, ILLINOIS



SECTION THRU ABUTMENT
(Horiz. dim. at Rt. L's)

BARS s42(E) & s43(E)



FIELD CUTTING DIAGRAM
Order v43(E) and v44(E) full length. Cut as shown and use remainder of bars in opposite face.

NOTES

- For details of Bar Splicers, see Sheet No. 22
- For details of piles and Concrete Encasement, see Sheet No. 21
- For abutment diaphragm details, see Sheet No. 9
- The Contractor shall verify the locations of existing piles before driving new piles.
- Excavation required for Concrete Encasements shall be included in the cost of Concrete Encasement.
- Pour steps monolithically with cap.
- For bearing details, see Sheet No. 17

SOUTH ABUTMENT
IL ROUTE 92 (CENTENNIAL EXPRESSWAY)
OVER 18th AVENUE
FAP ROUTE 308 SEC. 1(HB-1)R
ROCK ISLAND COUNTY
STATION 1517+79.41
STRUCTURE NO. 081-0171

11.2082Lst-uct-09n-204028SA1.1.dgn