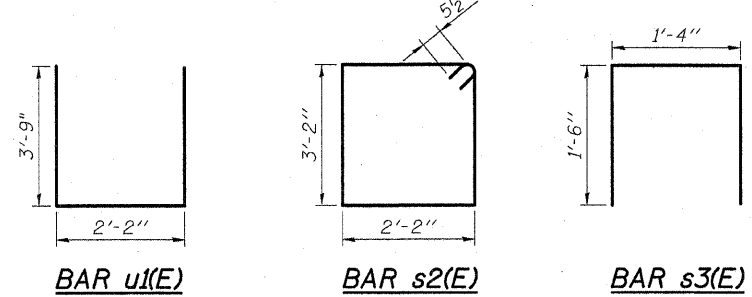
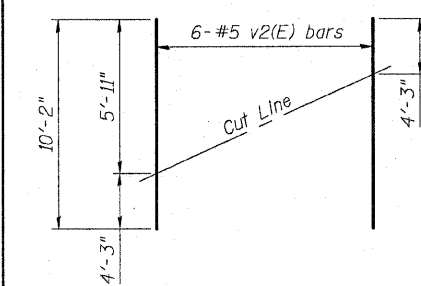
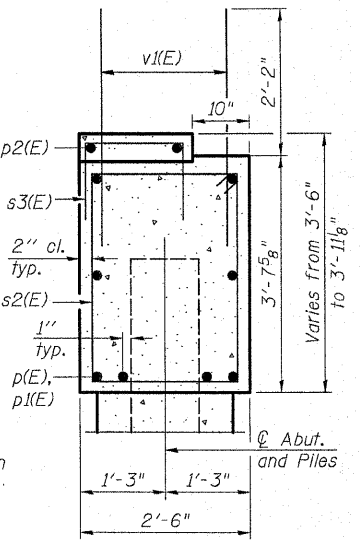
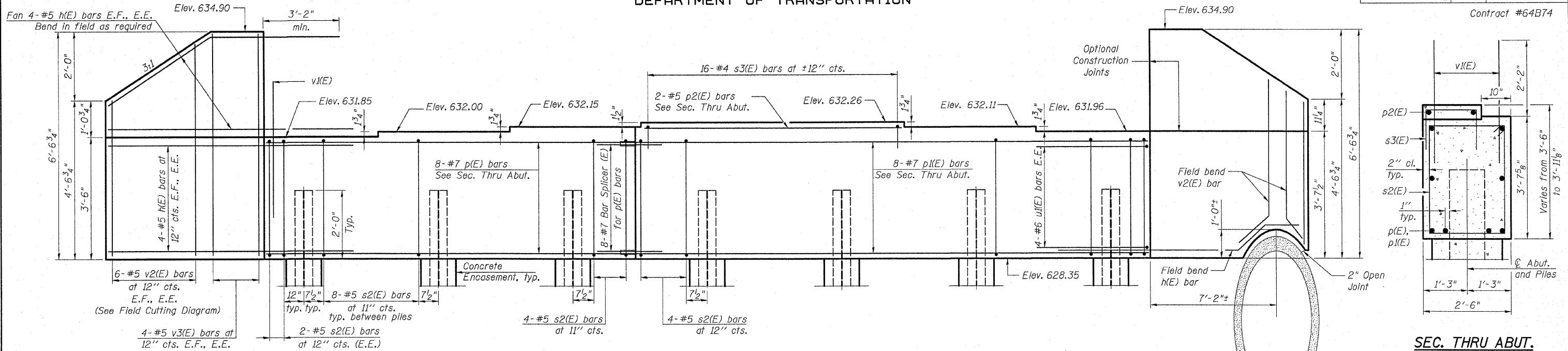


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	17R/B	WHITESIDE	376	57
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			Contract #64B74	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

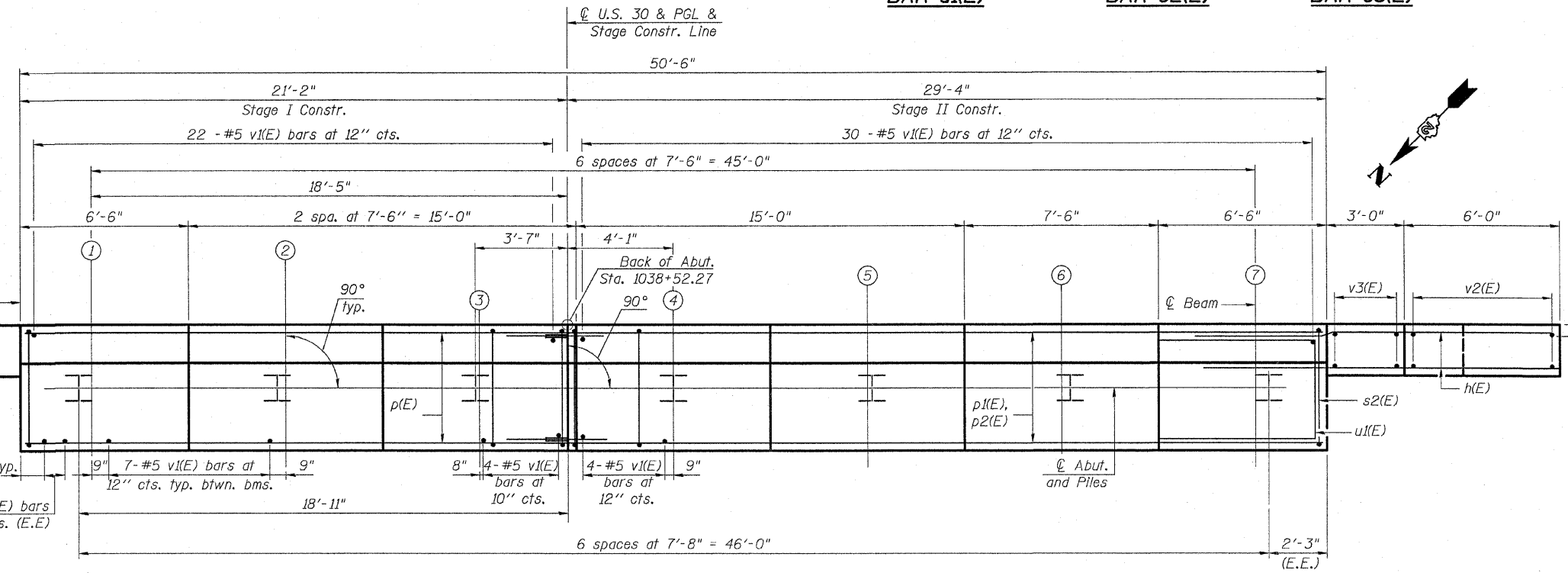
Notes: Pour steps monolithically with cap.



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	32	#5	12' - 0"	—
p(E)	8	#7	20' - 10"	—
p1(E)	8	#7	29' - 0"	—
p2(E)	2	#5	14' - 8"	—
s2(E)	52	#5	11' - 7"	□
s3(E)	16	#4	4' - 4"	□
u(E)	8	#6	9' - 8"	□
v1(E)	101	#5	4' - 4"	—
v2(E)	12	#5	10' - 2"	—
v3(E)	16	#5	6' - 3"	—
Structure Excavation		Cu. Yd.	73.8	
Concrete Structures		Cu. Yd.	21.2	
Reinforcement Bars, Epoxy Coated		Pound	2,720	
Bar Splicers		Each	8	
Furnishing Steel Piles, HP 12x53		Foot	194.0	
Driving Piles		Foot	194.0	
Test Pile, HP 12x53		Each	1	
Pile Shoes		Each	7	
Concrete Encasement		Cu. Yd.	2.4	

For details of Bar Splicers, see Sheet 21 of 25.
For details of piles and Concrete Encasement, see Sheet 20 of 25.



PILE DATA

Type: HP 12x53 with pile shoes
Nominal Required Bearing: 419 kips
Allowable Resistance Available: 140 kips
Est. Length: 32'-4"
No. Production Piles: 6
No. Test Piles: 1



EAST ABUTMENT
U.S. RTE. 30/IL RTE. 78 OVER ROCK CREEK
F.A.P. ROUTE 309, SECTION 17R/B
WHITESIDE COUNTY
STATION 1037+84.35
STRUCTURE NO. 098-0113
DATE: December 18, 2008
DRAWN BY: D. Schettler
CHECKED BY: A. Durbak

3/10/2009 3:58:44 PM q:\1041\20608_015\work\order\1030 over rock creek\drawings\struct\17-EastAbut.dgn