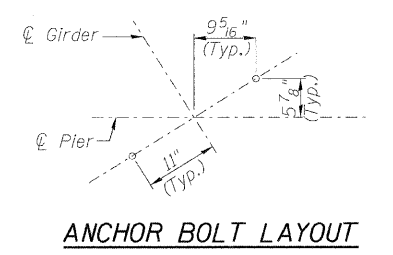
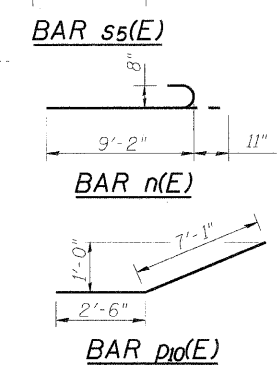
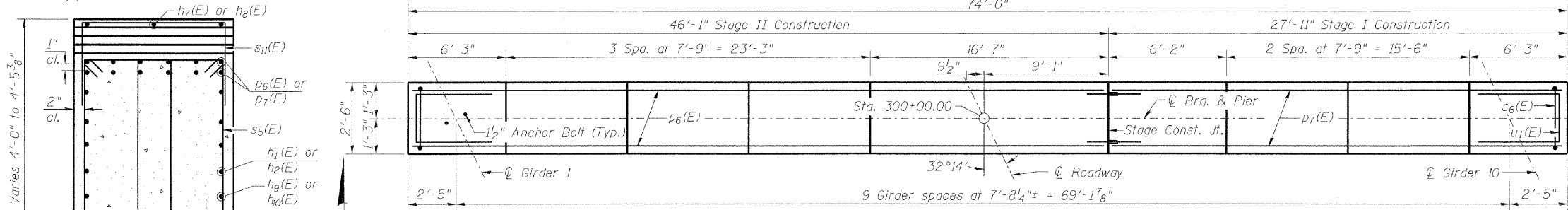


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET NO.
FAI 80	50 - 8HBR	LASALLE	143	82
FED. ROAD DIST. NO. 7	ALTIMETS	FED. AID PROJECT		

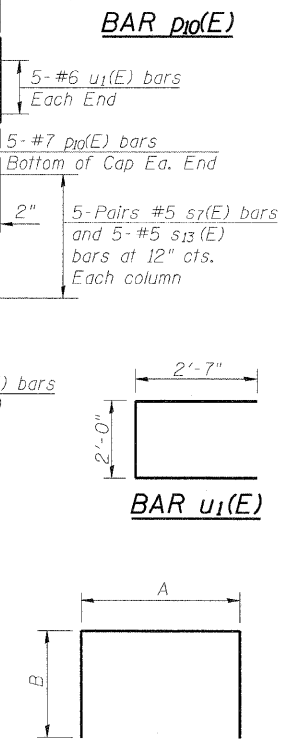
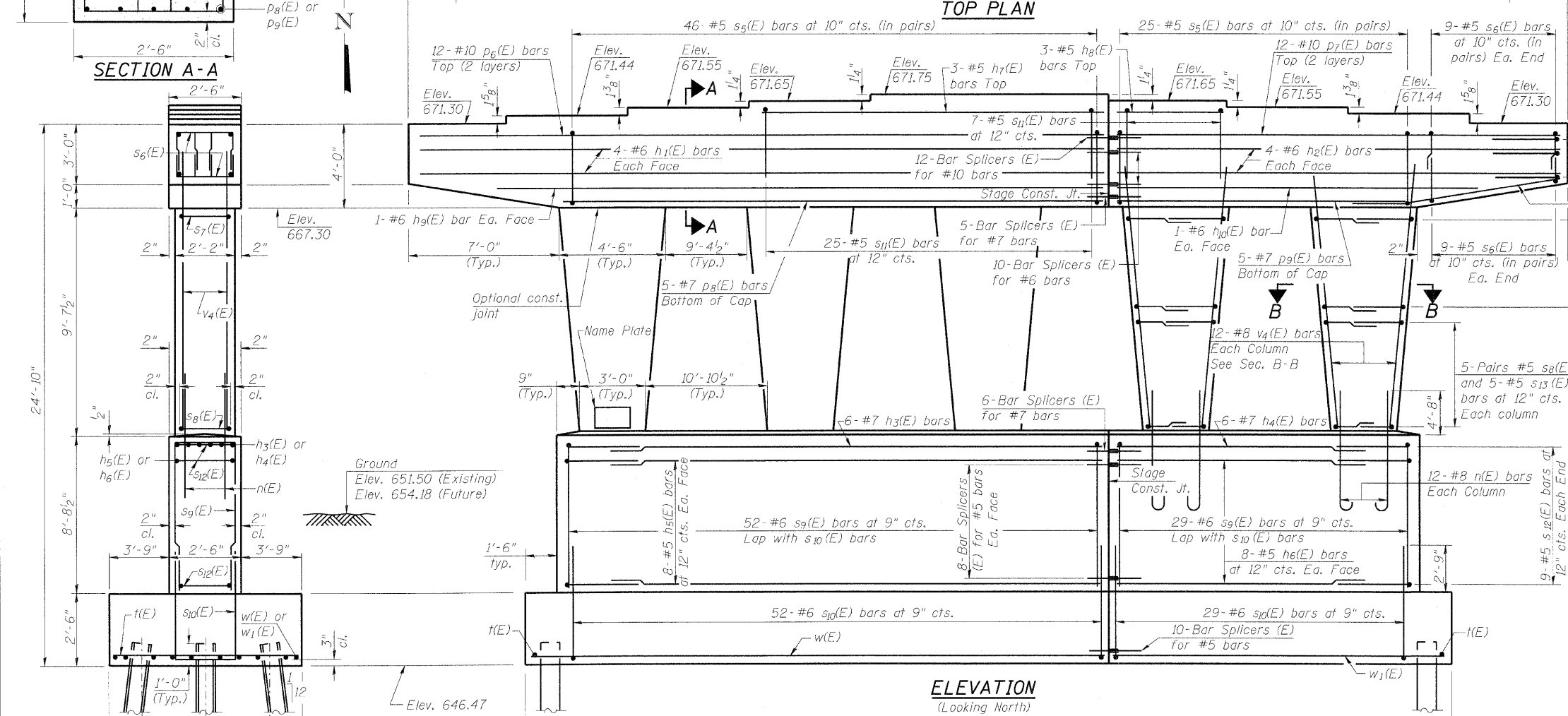
Contract # 66645

Notes:
Space reinforcement in cap to miss anchor bolts.
Four steps monolithically with cap.
For details of piles, see sheet No. 23.
Existing piles shall be cut-off at a minimum elevation of 645.47.



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h1(E)	8	#6	45'-9"	
h2(E)	8	#6	27'-7"	
h3(E)	6	#7	38'-5"	
h4(E)	6	#7	20'-11"	
h5(E)	16	#5	38'-5"	
h6(E)	16	#5	20'-11"	
h7(E)	3	#5	24'-0"	
h8(E)	3	#5	5'-10"	
h9(E)	2	#6	43'-2"	
h10(E)	2	#6	25'-0"	
n(E)	60	#8	10'-1"	
p6(E)	12	#10	45'-9"	
p7(E)	12	#10	27'-7"	
p8(E)	5	#7	38'-10"	
p9(E)	5	#7	20'-8"	
p10(E)	10	#7	9'-7"	
s5(E)	142	#5	11'-3"	
s6(E)	72	#5	7'-2"	
s7(E)	50	#5	8'-6"	
s8(E)	50	#5	7'-6"	
s9(E)	81	#6	18'-10"	
s10(E)	81	#6	12'-2"	
s11(E)	32	#5	6'-6"	
s12(E)	18	#5	6'-4"	
s13(E)	50	#5	2'-10"	
t(E)	104	#7	9'-8"	
u1(E)	10	#6	7'-2"	
v4(E)	60	#8	11'-8"	
w(E)	10	#5	39'-11"	
w1(E)	10	#5	22'-5"	
Structure Excavation		Cu. Yd.	175	
Concrete Structures		Cu. Yd.	149.7	
Reinforcement Bars, Epoxy Coated		Pound	21080	
Concrete Sealer		Sq. Ft.	2394	
Furnishing Steel Piles HP 10x42		Foot	1035	
Driving Piles		Foot	1035	
Test Pile Steel HP 10x42		Each	1	



A & B DIMENSIONS

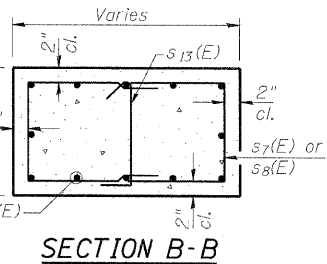
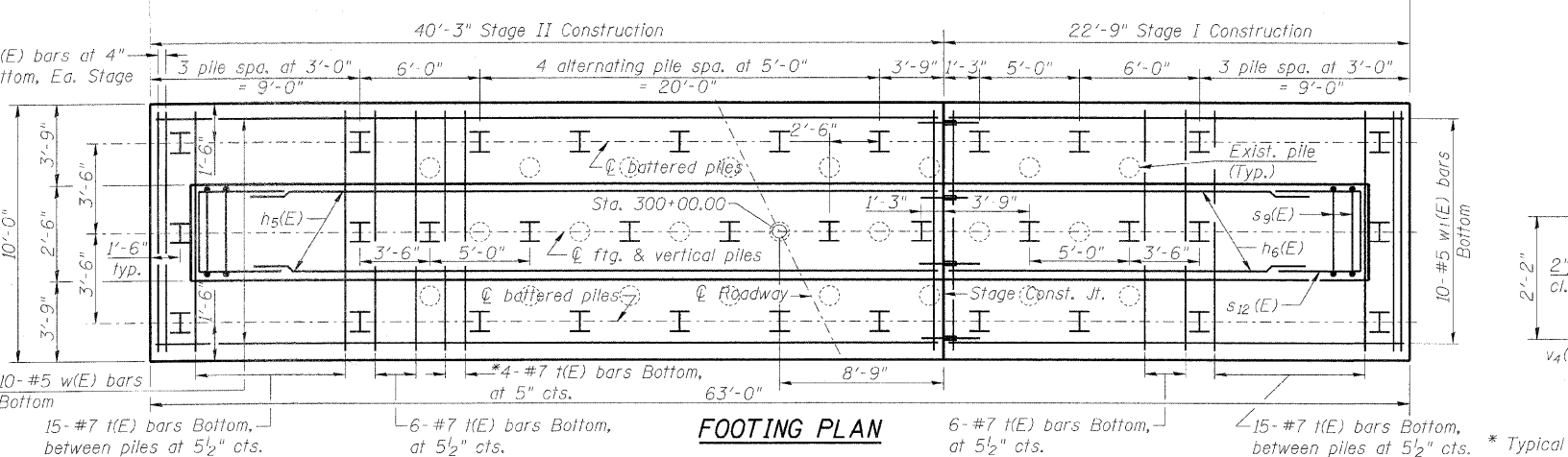
Bar	A	B
s6(E)	1'-6"	2'-10"
s7(E)	1'-10"	3'-4"
s8(E)	1'-10"	2'-10"
s9(E)	2'-2"	8'-4"
s10(E)	2'-2"	5'-0"
s11(E)	2'-2"	2'-2"
s12(E)	2'-0"	2'-2"

PILE DATA

Type: Steel HP10x42
Nominal Required Bearing: 240 kips
Allowable Resistance Available: 80 kips
Est. Length: 23 Ft.
No. Production Piles: 45
No. Test Piles: 1

DESIGNED	ADB
CHECKED	DLS
DRAWN	ADB
CHECKED	MTH

BAR s13(E)
MIN. BAR LAP
#5 bar = 2'-2"
#6 bar = 2'-7"
#7 bar = 3'-5"
#8 bar = 4'-6"



PIER
PLANK ROAD OVER
FAI ROUTE 80 (I-80)
SECTION 50-8HBR
LASALLE COUNTY
STATION 3886+74.90
STRUCTURE NO. 050-0249

DATE: 2/23/2010
FILE NAME: g:\projects\205-0895_001\load\PIR.PRI.plt
PLOT SCALE: N/A
USER NAME: 2494rds