

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. Rte. 6120	*	LaSALLE	492	286
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT

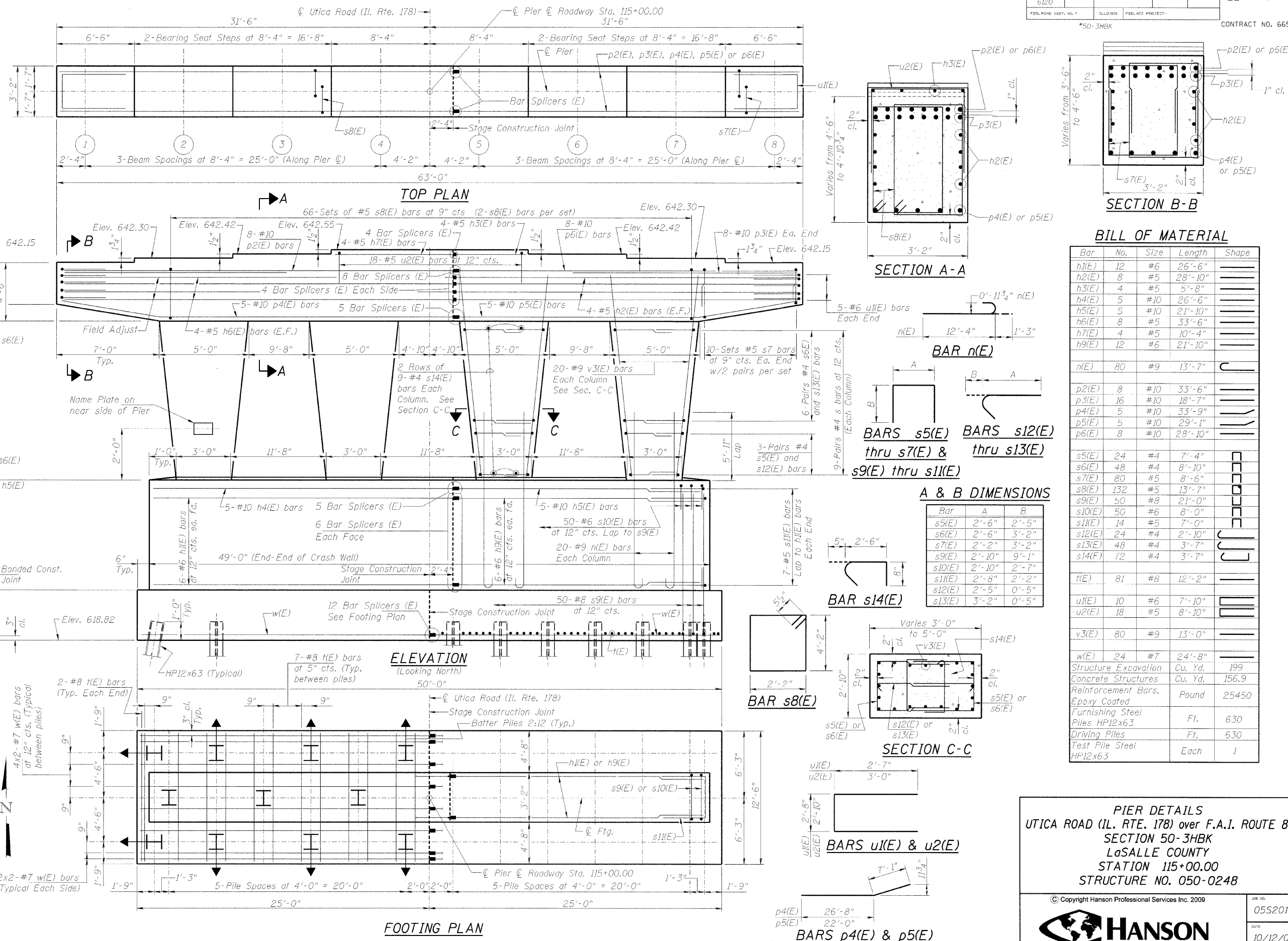
CONTRACT NO. 66542

Note:

Space reinforcement in cap to miss anchor bolts.
Four steps monolithically with cap.
Reinforcement bars indicated thus 6x2-#10 etc. Indicates 6 lines of bars with 2 lengths per line.
See Sheet 20 of 22 for Bar Splicer Details.
For details of piles, see Sheet 19 of 22

MINIMUM
BAR LAPS

- #4 - 1'-8"
- #5 - 2'-2"
- #6 - 2'-7"
- #7 - 3'-5"
- #8 - 4'-6"
- #9 - 5'-9"
- #10 - 7'-3"



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h1(E)	12	#6	26'-6"	
h2(E)	8	#5	28'-10"	
h3(E)	4	#5	5'-8"	
h4(E)	5	#10	26'-6"	
h5(E)	5	#10	21'-10"	
h6(E)	8	#5	33'-6"	
h7(E)	4	#5	10'-4"	
h9(E)	12	#6	21'-10"	
n(E)	80	#9	13'-7"	
p2(E)	8	#10	33'-6"	
p3(E)	16	#10	18'-7"	
p4(E)	5	#10	33'-9"	
p5(E)	5	#10	29'-1"	
p6(E)	8	#10	28'-10"	
s5(E)	24	#4	7'-4"	
s6(E)	48	#4	8'-10"	
s7(E)	80	#5	8'-6"	
s8(E)	132	#5	13'-7"	
s9(E)	50	#8	21'-0"	
s10(E)	50	#6	8'-0"	
s11(E)	14	#5	7'-0"	
s12(E)	24	#4	2'-10"	
s13(E)	48	#4	3'-7"	
s14(F)	72	#4	3'-7"	
t(E)	81	#8	12'-2"	
u1(E)	10	#6	7'-10"	
u2(E)	18	#5	8'-10"	
v3(E)	80	#9	13'-0"	
w(E)	24	#7	24'-8"	
Structure Excavation			Cu. Yd.	199
Concrete Structures			Cu. Yd.	156.9
Reinforcement Bars			Pound	25450
Epoxy Coated				
Furnishing Steel			Fl.	630
Piles HP12x63			Fl.	630
Driving Piles			Fl.	630
Test Pile Steel			Each	1
HP12x63				

A & B DIMENSIONS

Bar	A	B
s5(E)	2'-6"	2'-5"
s6(E)	2'-6"	3'-2"
s7(E)	2'-2"	3'-2"
s9(E)	2'-10"	9'-1"
s10(E)	2'-10"	2'-7"
s11(E)	2'-8"	2'-2"
s12(E)	2'-5"	0'-5"
s13(E)	3'-2"	0'-5"

PILE DATA

Type: Steel HP12x63
Nominal Required Bearing: 497 kips
Allowable Resistance Available: 166 kips
Est. Length: 30 ft.
No. of Production Piles: 21
No. of Test Piles: 1

PIER DETAILS
UTICA ROAD (IL. RTE. 178) over F.A.I. ROUTE 80
SECTION 50-3HBK
LaSALLE COUNTY
STATION 115+00.00
STRUCTURE NO. 050-0248

Copyright Hanson Professional Services Inc. 2009

HANSON

JOB NO. 05S2015
DATE 10/12/09

12/23/2009
 C:\PW_L\parks\01F-P-001.dgn
 LAYOUT AMW 11/16/09
 DRAWN RSD 1/15/07
 REVIEWED JUT 1/15/07