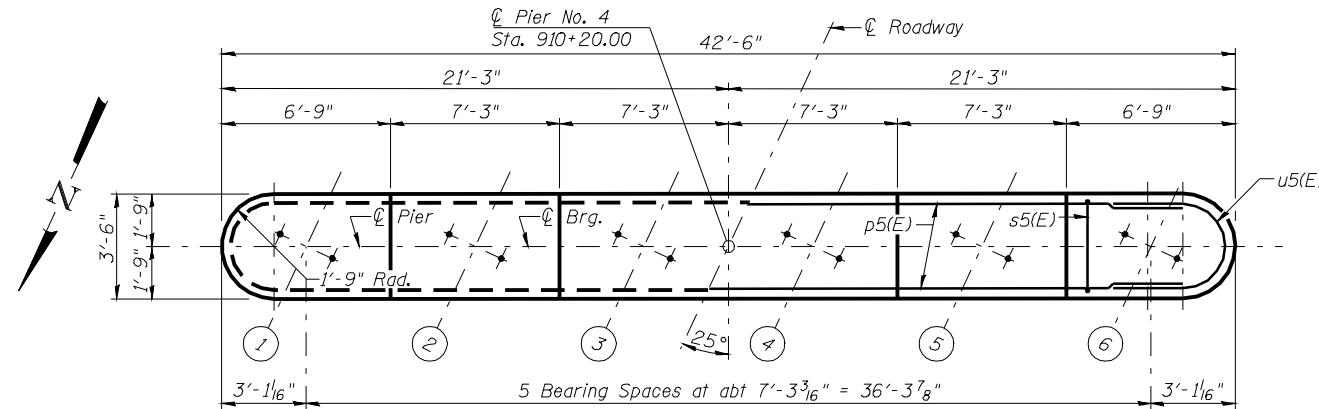


Notes:
Space reinforcement in cap to miss anchor bolts.
Pour steps monolithically with cap.
For details of drilled shafts see sheet 60 of 86.

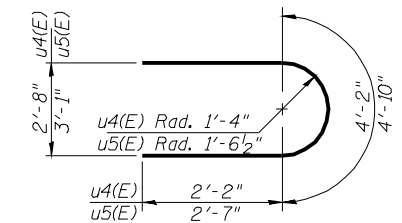
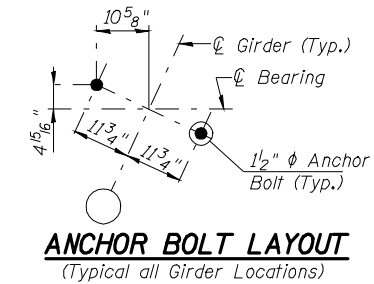
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
FAP Rte 614	144(B-1)	Cass & Mason	351	197	86 SHEETS
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT-					

Contract #72A76



TOP PLAN



BARS u4(E) & u5(E)

BILL OF MATERIAL - PIER 4

Bar	No.	Size	Length	Shape
h9(E)	10	#6	45'-2"	—
h10(E)	50	#5	39'-0"	—
n3(E)	86	#7	9'-5"	└
p3(E)	6	#8	47'-10"	└
p4(E)	6	#8	45'-2"	└
p5(E)	7	#7	39'-0"	└
s4(E)	43	#5	19'-11"	□
s5(E)	32	#5	11'-7"	□
s6(E)	275	#4	3'-9"	└
sp1	4	#5	69'-0"	⋈
u3(E)	14	#6	9'-11"	└
u4(E)	50	#5	8'-6"	└
u5(E)	6	#6	10'-0"	└
v12(E)	96	#9	48'-0"	—
v13(E)	96	#9	35'-0"	—
v14(E)	86	#7	26'-9"	—
Concrete Structures			Cu. Yd.	171.8
Reinforcement Bars			Pound	7560
Reinforcement Bars, Epoxy Coated			Pound	40920
Drilled Shaft in Soil			Cu. Yd.	138
Drilled Shaft in Rock			Cu. Yd.	19
Permanent Casing			Foot	234
Cofferdam Excavation			Cu. Yd.	296
Cofferdam (Pier 4)			Each	1
Seal Coat Concrete			Cu. Yd.	108

**Length is height of spiral.

MINIMUM BAR LAP

- #4 bar = 1'-8"
- #5 bar = 2'-2"
- #6 bar = 2'-7"
- #7 bar = 3'-5"
- #8 bar = 4'-6"
- #9 bar = 5'-9"
- #5 Spiral = 2'-6"

PIER 4 - DETAILS (Sheet 2 of 2)
F.A.P. 614 (IL 78) OVER SANGAMON RIVER
PUBLIC WATERS
CASS & MASON COUNTIES
SECTION 144 (B-1)
STA. 913+26.00
STRUCTURE NUMBER 009-0510

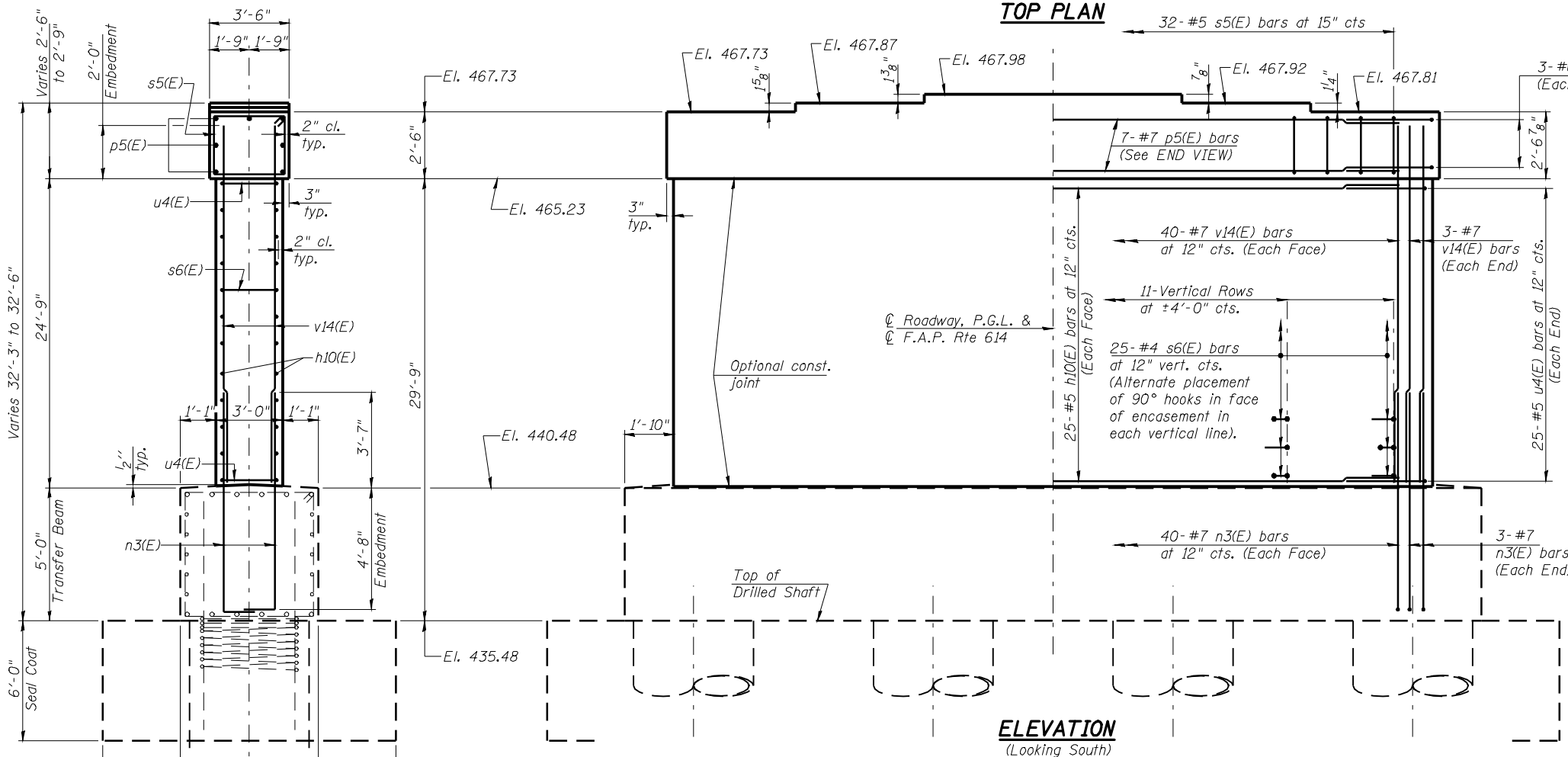
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HANSON
Hanson Professional Services Inc.

JOB NO.
07S2026

DATE
03/27/09



ELEVATION
(Looking South)

BAR s4(E)

BAR s6(E)

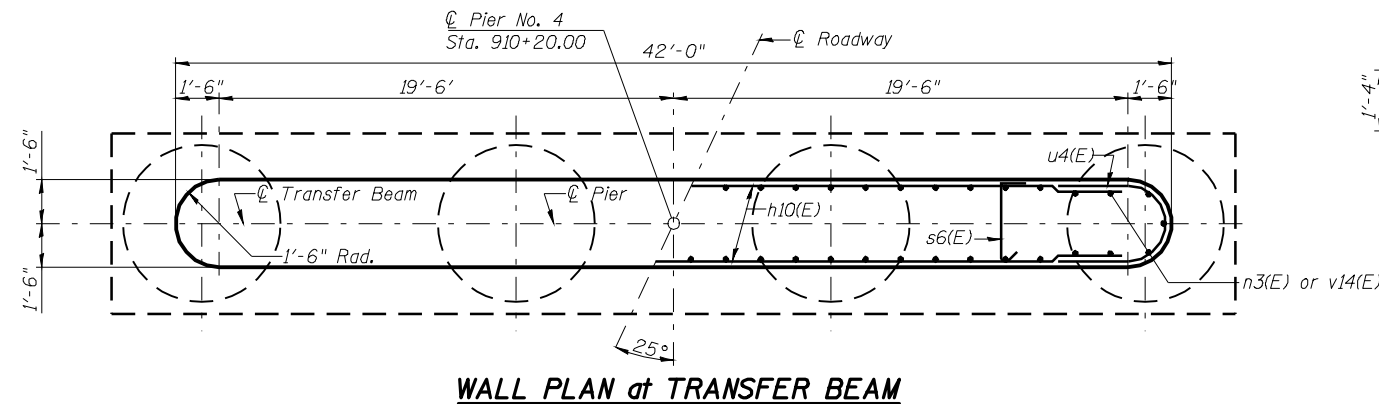
BAR n3(E)

BAR u3(E)

BAR s5(E)

BAR p3(E)

END VIEW



WALL PLAN at TRANSFER BEAM

LAYOUT	MMW	09/12/08
DRAWN	Red	09/30/08
REVIEWED	TEH	09/30/08

Mod: 3/2009 080345AM
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