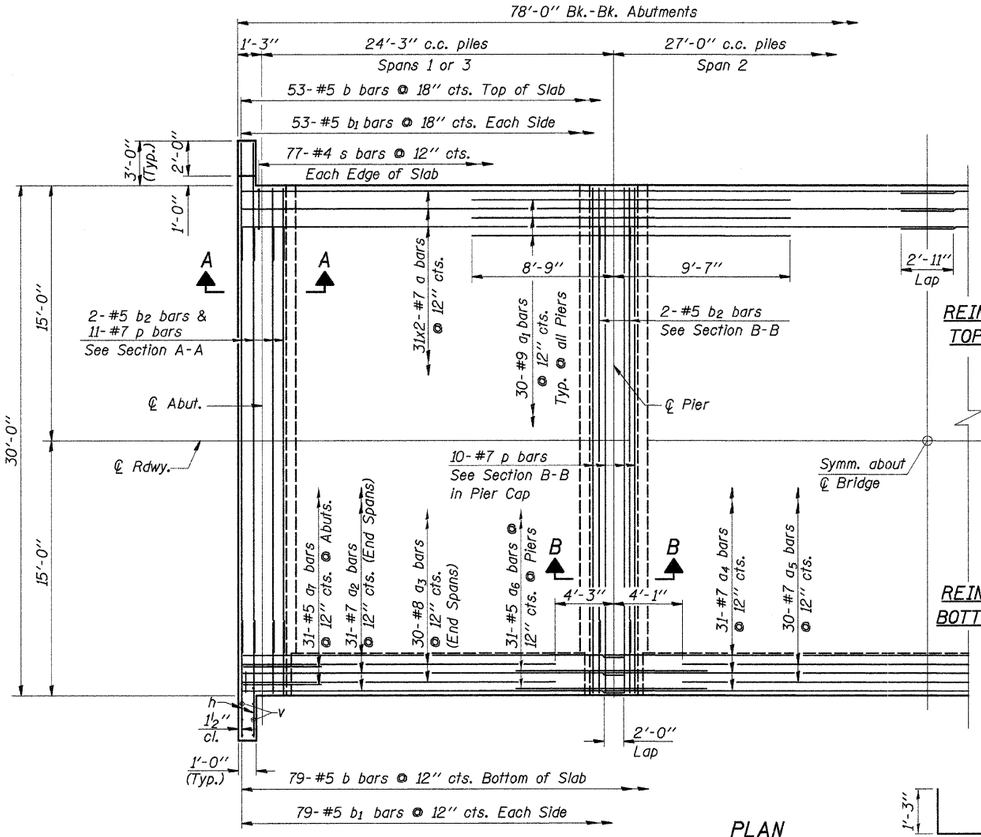
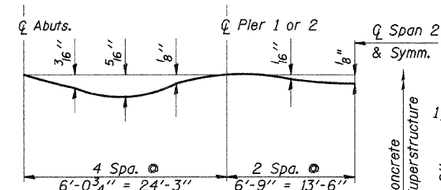
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 62 C.H. 13	04-00164 -00-BR	STEPHENSON	15	8
ROAD DIST.	ILLINOIS	EAST PLUM RIVER		

Sheet 2 of 5 CONTRACT NO. 85419



PLAN

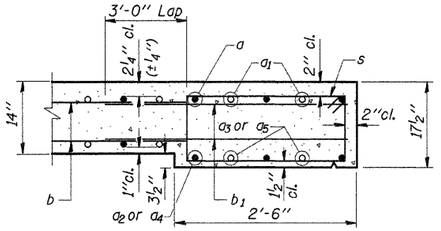


DEAD LOAD DEFLECTION DIAGRAM

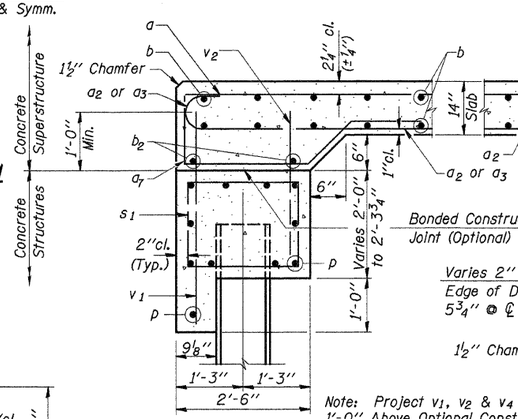
The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework in addition to allowance for dead load deflection.

REINFORCEMENT TOP OF SLAB

REINFORCEMENT BOTTOM OF SLAB



DETAIL A



Note: Project v1, v2 & v4 bars 1'-0" Above Optional Construction Jt.

SECTION A-A

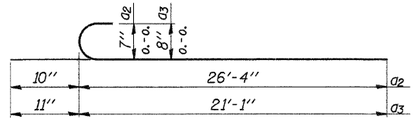
SECTION B-B

BILL OF MATERIAL

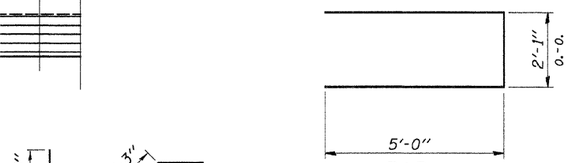
BAR	NO.	SIZE	LENGTH	SHAPE
a	62	#7	40'-4"	
a1	60	#9	18'-4"	
a2	62	#7	27'-2"	
a3	60	#8	22'-0"	
a4	31	#7	29'-0"	
a5	30	#7	18'-10"	
a6	62	#5	7'-10"	
a7	62	#5	5'-11"	
b	132	#5	25'-0"	
b1	264	#5	5'-4"	
b2	8	#5	29'-8"	
h	40	#5	8'-6"	
h1	48	#5	25'-9"	
p	42	#7	29'-8"	
s	154	#4	7'-5"	
s1	60	#5	8'-7"	
s2	60	#5	9'-7"	
u	24	#6	12'-1"	
u1	48	#5	7'-8"	
v	32	#4	3'-5"	
v1	62	#5	4'-2"	
v2	62	#5	3'-2"	
v3	120	#5	12'-6"	
v4	124	#5	3'-10"	

Concrete Structures	Cu. Yd.	72.5
Concrete Superstructure	Cu. Yd.	114.9
Reinforcement Bars, Epoxy Coated	Pound	34,380
Protective Coat	Sq. Yd.	293
Name Plates	Each	1
Steel Piles HP12X53	Foot	476
Test Pile Steel HP12X53	Each	2

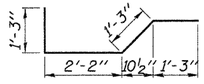
Note: All Reinforcement Bars Shall be Epoxy Coated.



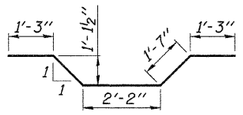
BAR a2 & a3



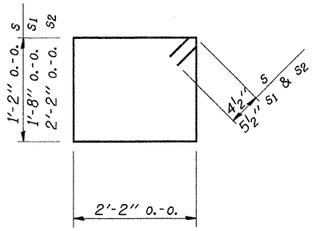
BAR u



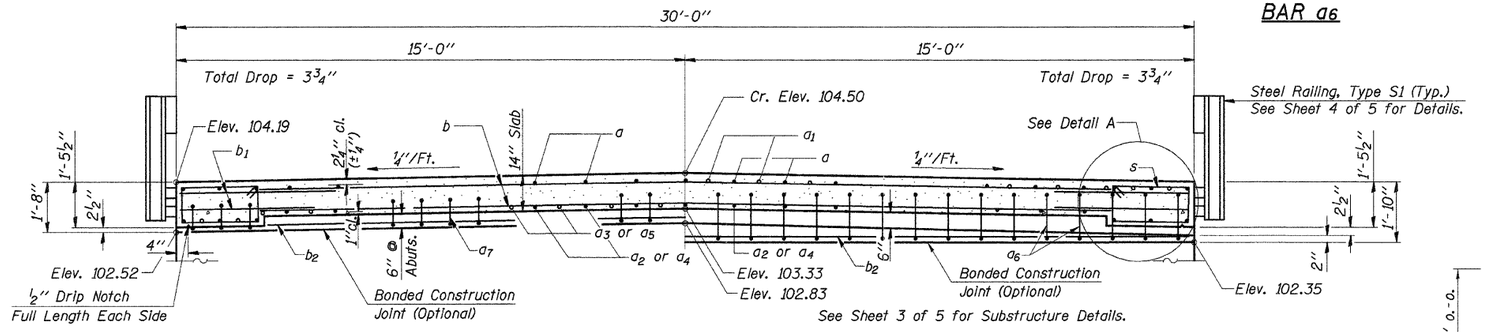
BAR a7



BAR a6



BARS s, s1 & s2

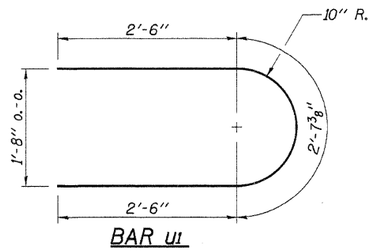


See Sheet 3 of 5 for Substructure Details.

HALF SECTION NEAR MIDSPAN & ABUTS.

HALF SECTION NEAR PIERS

DECK CROSS SECTION



BAR u1

DESIGNED	A.R.K.
CHECKED	J.A.M.
DRAWN	S.A.P.
CHECKED	A.R.K. & J.A.M.

STRUCTURE DETAILS

COUNTY HIGHWAY 13
SECTION 04-00164-00-BR
STEPHENSON COUNTY
STATION 191+93

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FILE: 47188SUPER.DGN
DATE: 10/12/09