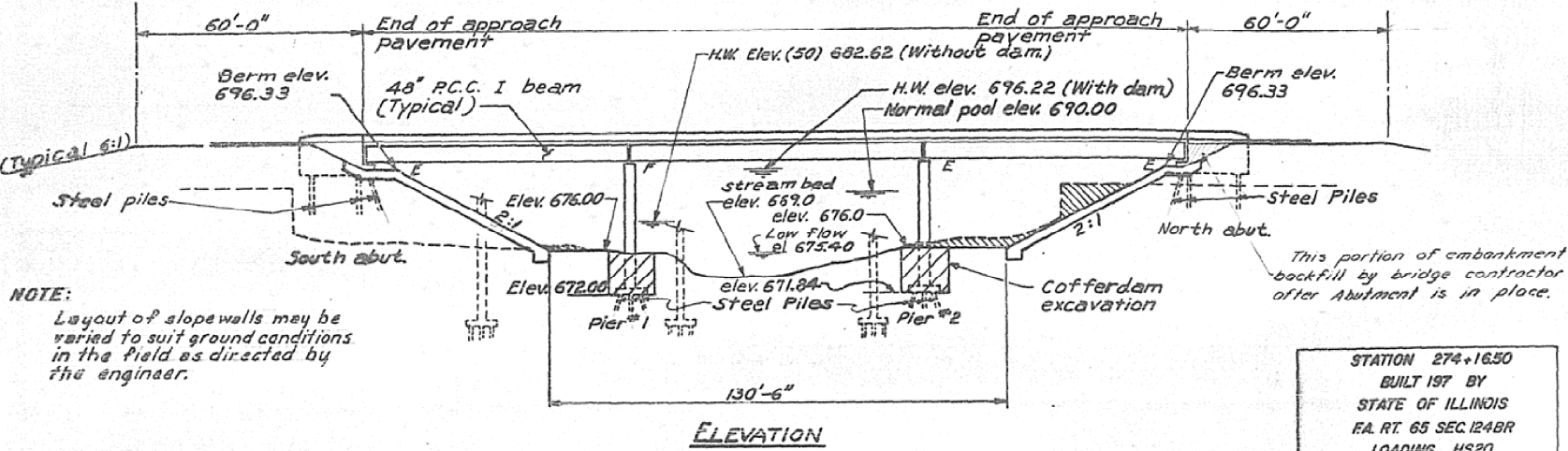


AS-BUILT PLANS FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
65	124BR	Dewitt	32	10
FED. ROAD DIST. NO. 7 ILLINOIS				15 SHEETS

BENCH MARK
Spike in power pole
53.4 FT. right station 256+68
Elevation 732.99
Traffic to be maintained
over a temporary bridge

GENERAL NOTES
See special provisions for borings.
All reinforcement bars shall be lapped 24 diameters unless otherwise shown.
The basic lead silico chromate paint system shall be used for shop painting (two coats) of structural steel.



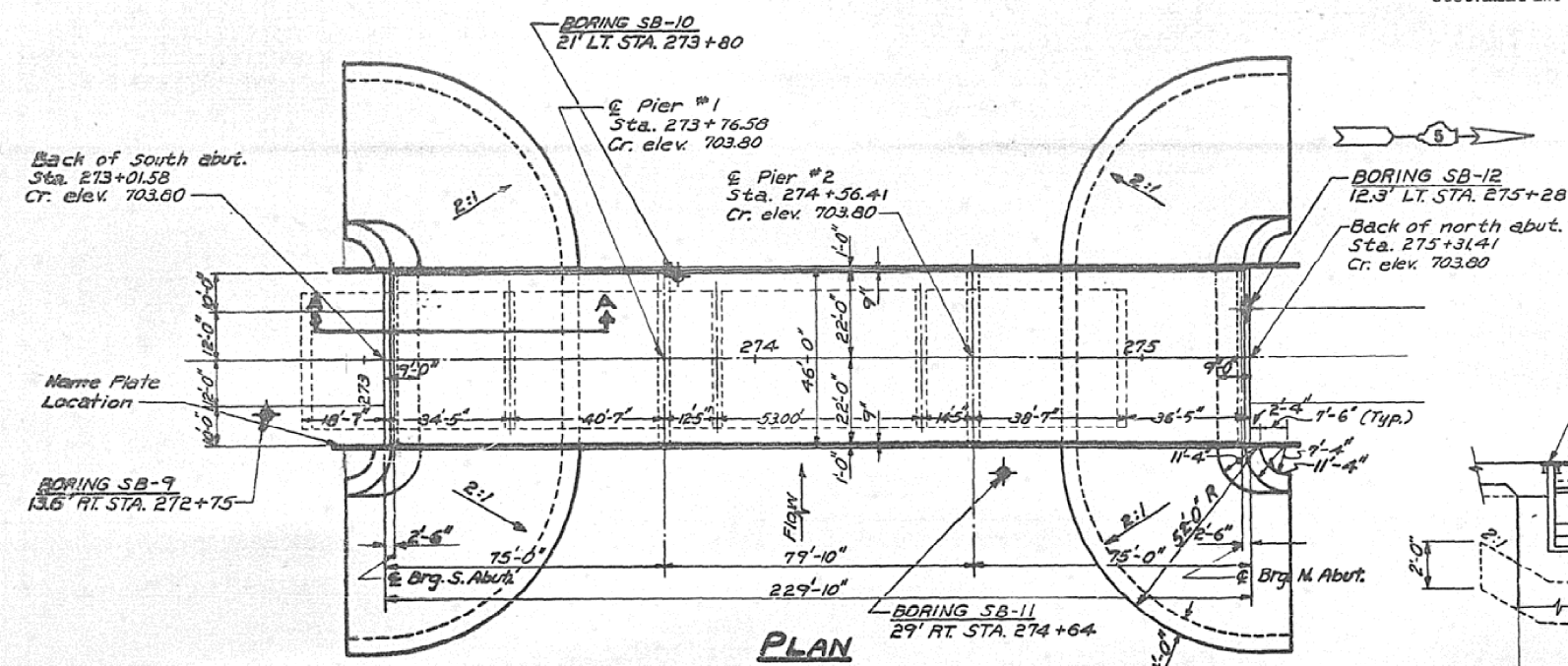
NOTE:
Layout of slope walls may be varied to suit ground conditions in the field as directed by the engineer.

STATION 274+16.50
BUILT 197 BY
STATE OF ILLINOIS
F.A. RT. 65 SEC. 124BR
LOADING HS20
NAME PLATE
See Standard 2113

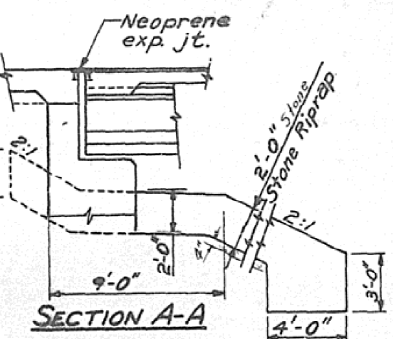
The contractor shall drive two steel test piles in permanent locations, one at the south abutment and one at pier #2 as directed by the engineer before ordering the remainder of piles.
The embankment configuration shown is the minimum embankment that must be constructed prior to construction of the abutments.
The concrete rail section above the mandatory construction joint at the top of the slab shall be constructed of class x-concrete, except the aggregates shall conform to the requirements of handrail concrete.
Protective coat shall not be applied to surfaces to which waterproofing membrane system is applied.

TOTAL BILL OF MATERIAL				
ITEM	UNIT	SUPER	SUB	TOTAL
Brit. conc. surf. course, mixture D class I	Tons	92.3		92.3
Waterproofing Membrane System	Sq. Yds.	4,070		4,070
Removal of Existing Structures	Each	0.5	0.5	1
Cofferdam Excavation	Cu. Yds.		300	300
Class X-Concrete	Cu. Yds.	355.1	106.6	461.7
Class A Concrete	Cu. Yds.		340.8	340.8
Reinforcement Bars	Lbs.	79,705	23,070	102,775
Protective Coat	Sq. Yds.	211		211
Furnishing & Erecting PPCI Beams, 48"	Lin. Ft.	1,353		1,353
Steel Piles HP8x36	Lin. Ft.		2020	2020
Test Piles Steel HP8x36	Each		2	2
Name Plates	Each	1		1
Stone Riprap	Sq. Yds.		2,560	2,560
Neoprene Exp. Joint (2")	Lin. Ft.	90		90
Drainage Scuppers	Each	18		18
Cofferdams	Each		2	2

* For Waterproofing Membrane System
See Special Provisions



WATERWAY INFORMATION	
Drainage Area	142.7 sq. mi.
Character	Rolling, Cultivated
Reg'd. Opening	3,710 sq. ft. (below 696.22)
Prop. Opening	3,715 sq. ft. (below 696.22)
O(50) Without Dam	13,500 c.f.s.
H.W.L. (50) Without Dam	686.10
O(50) With Dam, 30 TH Hr.	5,658 c.f.s.
H.W.L. (50) With Dam, 30 TH Hr.	696.22
O(50) With Dam, 14 TH Hr.	10,359 c.f.s.
H.W.L. (50) With Dam, 14 TH Hr.	693.88
O(100) With Dam, 30 TH Hr.	6,361 c.f.s.
H.W.L. (100) With Dam, 30 TH Hr.	696.83
O(100) With Dam, 14 TH Hr.	11,792 c.f.s.
H.W.L. (100) With Dam, 14 TH Hr.	596.28



DESIGN STRESSES	
FIELD UNITS	PRECAST PRESTR. UNITS
$f_c = 1,200$ p.s.i. deck slab	$f_c = 4,000$ p.s.i.
$f_c = 1,400$ p.s.i. curb parap. sub.	$f_c = 5,000$ p.s.i.
$f_s = 20,000$ p.s.i. reinf.	$f_s = 270,000$ p.s.i. ($1/2$ " strands)
$f_s = 20,000$ p.s.i. struct.	$f_s = 180,700$ p.s.i. ($1/2$ " strands)
$V_c = 75$ p.s.i. footing	Design specifications 1973 AASHTO (as applicable)
$n = 10$	

Loading: HS 20-44

APPROVED
FOR STRUCTURAL DESIGN ONLY
[Signature]

**GENERAL PLAN AND ELEVATION
F.A. ROUTE 65 OVER SALT CREEK
F.A. ROUTE 65 SECTION 124 BR
DE WITT COUNTY
STATION 274+16.50**

SARGENT & LUNDY

ENGINEERS
CHICAGO

WARREN & VAN PRAAG, INC.

CONSULTING ENGINEERS - ARCHITECTS

DECATUR ILLINOIS ST. LOUIS MISSOURI CHICAGO ILLINOIS DAYTONPORT OHIO

DESIGNED P. MEHOOD	DRAWN - GMS	REVISED -	REVISED -
CHECKED P. MATONE	CHECKED -	REVISED -	REVISED -
DRAWN P. CUNNINGHAM	DATE -	REVISED -	REVISED -
CHECKED P. MEHOOD		REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**AS-BUILT PLANS
FOR INFORMATION ONLY**

FILE NAME =	USER NAME = simsgn	DESIGNED - GMS	REVISED -				
ct:\pwork\VP\DDT\SIMSGM\d8179794\05708	31-shr-Bridge Repair Plans.dgn	DRAWN - GMS	REVISED -				
	PLOT SCALE = 41.6516 1/4 IN.	CHECKED -	REVISED -				
	PLOT DATE = 2/19/2010	DATE -	REVISED -				

SCALE:	SHEET NO. 9 OF 16 SHEETS	STA. _____ TO STA. _____	F.A.P. RTE. 760	SECTION 124 BR-1	COUNTY DEWITT	TOTAL SHEETS 23	SHEET NO. 12
						CONTRACT NO. 70531	
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT							