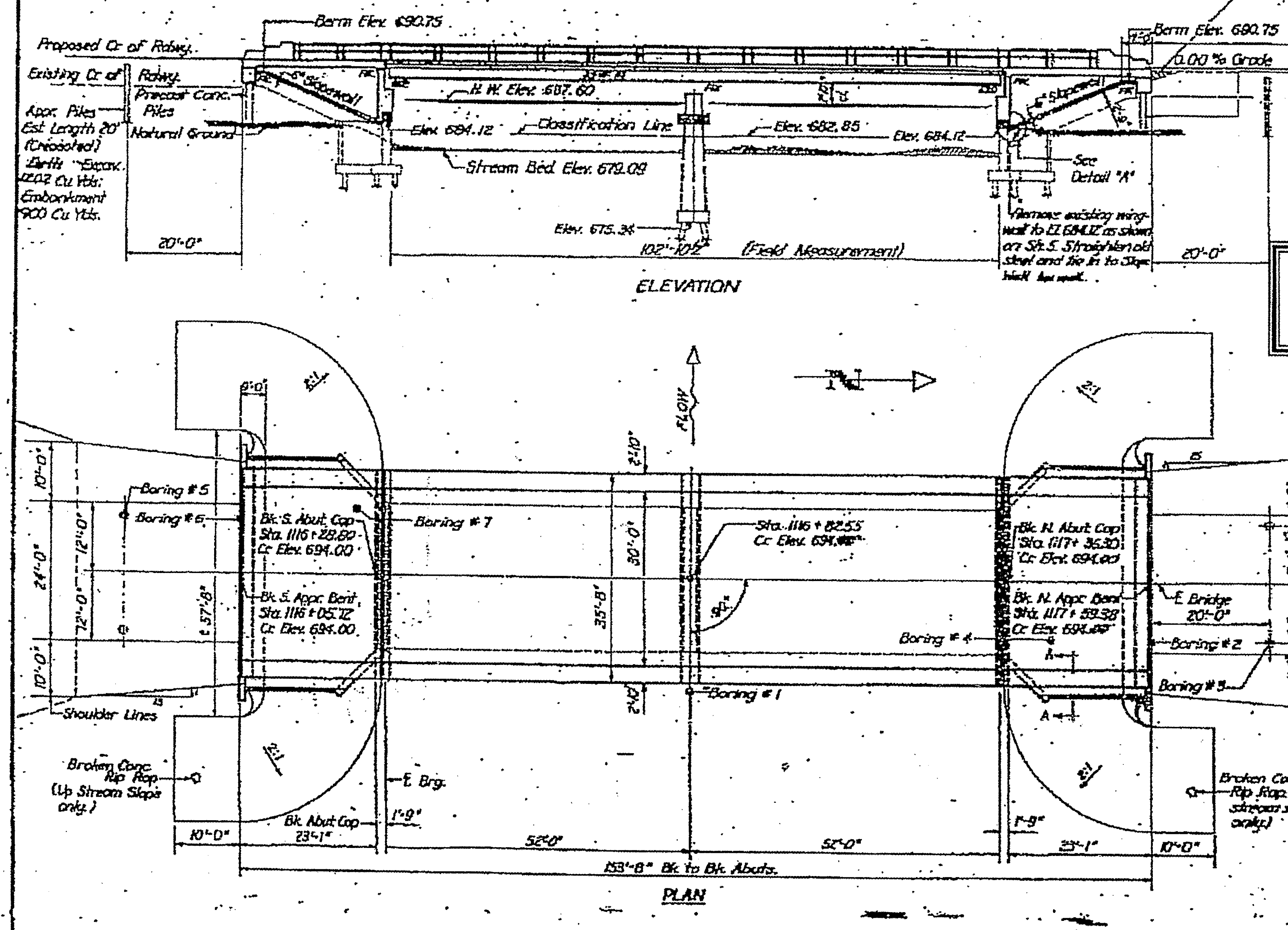
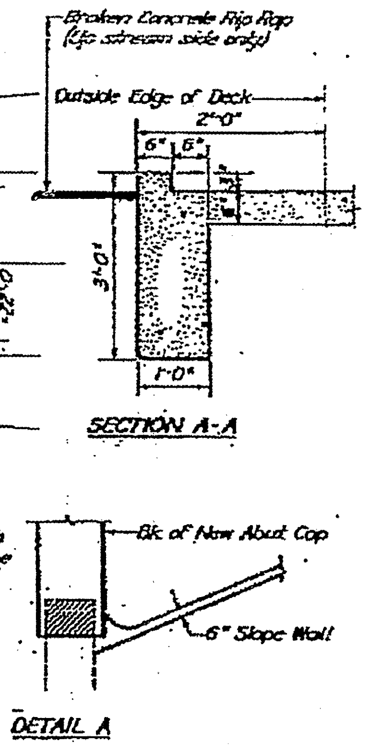
B.M. #14 ▫ on N.E. Wing Wall of Bridge 15' Rt. Sta. 1117+37 Elev. 689.42
Existing Structure: Two Span R.C. Deck Girder Bridge with Reinforced Concrete Abutments & Pier. Superstructure & portions of Substructure to be removed as shown on plans by the Bridge Contractor.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

This portion of embankment back fill by bridge contractor after bent is in place.



FOR INFORMATIONAL PURPOSES ONLY



GENERAL NOTES

Class X Concrete shall be used throughout.

The concrete floor slab shall be finished in accordance with Article 51.19 of the Standard Specifications.

The Slope Wall shall be reinforced with welded wire fabric, 6"x6" mesh, #4 wires, weighing 58 # per 100 Sq. Ft.

Rivets ¾" ⌀. Open holes 13/16" ⌀, unless noted.

Structural Steel shall conform to A.S.T.M. Specifications A-36.

Anchor bolts shall be set before riveting diaphragms over supports.

All bolsters, rockers, bearing plates, shoe plates, lead plates, pintles, and anchor bolts shall be fabricated and set in accordance with Article 51.5 of the Standard Specifications and are included in quantity of Structural Steel. Est. Weight = 4,760 #.

Expansion guards shall be fabricated and erected in accordance with Article 51.13(d) of the Standard Specifications, and are included in quantity of Structural Steel.

Except as otherwise provided, all Structural Steel shall receive one shop coat of red lead paint, and two field coats of aluminum paint. See Articles 56.1 to 56.5 inclusive of the Standard Specifications.

All paint shall be furnished and applied by the Contractor.

The Contractor shall drive one Concrete test pile in a permanent location at the So. Appr. Bent as directed by the Engineer before ordering the remaining piles.

Coarse aggregate which is to be used in [illegible] posts must be absolutely free of chert, flint, [illegible] lignite and soft sandstone.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.	Total
Channel Excavation	Cu. Yds.		250	250
Earth Excavation	Cu. Yds.		2848	2848
Removal of Existing Structure *	Each	1		1
Expansion Bolts ⅞" ⌀	Each		44	44
Concrete Removal	Cu. Yds.		15	15
Class X Concrete	Cu. Yds.	187.5	99.9	287.4
Furnish & Erecting Struct. Steel	Lbs.	93,950		93,950
Furnishing & Erecting Metal Hdrl.	Lin. Ft.	270		270
Reinforcement Bars	Lbs.	40,890	7050	47,950
Untreated Piles (Up to 30')	Lin. Ft.			120
Creosoted Piles (20' - 30')	Lin. Ft.			240
Precast Concrete Piles 12"	Lin. Ft.			275
Test Piles - Precast Concrete	Each			1
Name Plates	Each	1		1
Broken Concrete Rip Rap	Sq. Yds.			350
Slope Wall	Sq. Yds.			235
Class "B" Excav. for Structs.	Cu. Yds.		27	27
Protective Coat	Sq. Yds.	536		536
Bridge Seal Sealant	[illegible]		½	½

* See Special Provisions

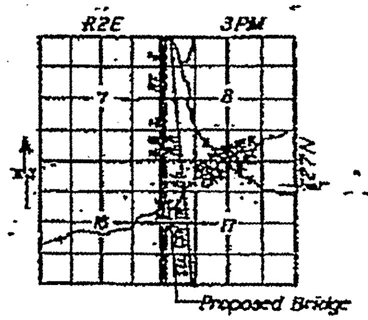
NAME PLATE LETTERING:
STATION 1116+82.55
BUILT 196_ BY
STATE OF ILLINOIS
S.B.I. RT. 2 SEC. 65-BR
PROJECT F-77(8)
LOADING H20-S16

NAME PLATE LETTERING
See Standard 2115

DESIGN STRESSES
fc = 1400 p.s.i. Super & Sub.
v = 75 p.s.i. Ftgs.
fs = 20,000 p.s.i. Reinf.
fs = 20,000 p.s.i. Struct.
n = 10

LOADING H20-S16-44

WATERWAY INFORMATION
Drainage Area .... 23,200 Acres.
Required Opening (30 Yr. Flood) .... 830 Sq. Ft.
Present Opening .... 565 Sq. Ft.
Proposed Opening .... 840 Sq. Ft.
Low Water Elev. 681.85
High Water Elev. 687.60



LOCATION PLAN

Mar. 5, 1962

GENERAL PLAN AND ELEVATION
PROJECT F-77(8)
PANTHER CREEK
S.B.I. RT. 2 SEC. 65-BR
WOODFORD COUNTY
STA. 1116+82.55