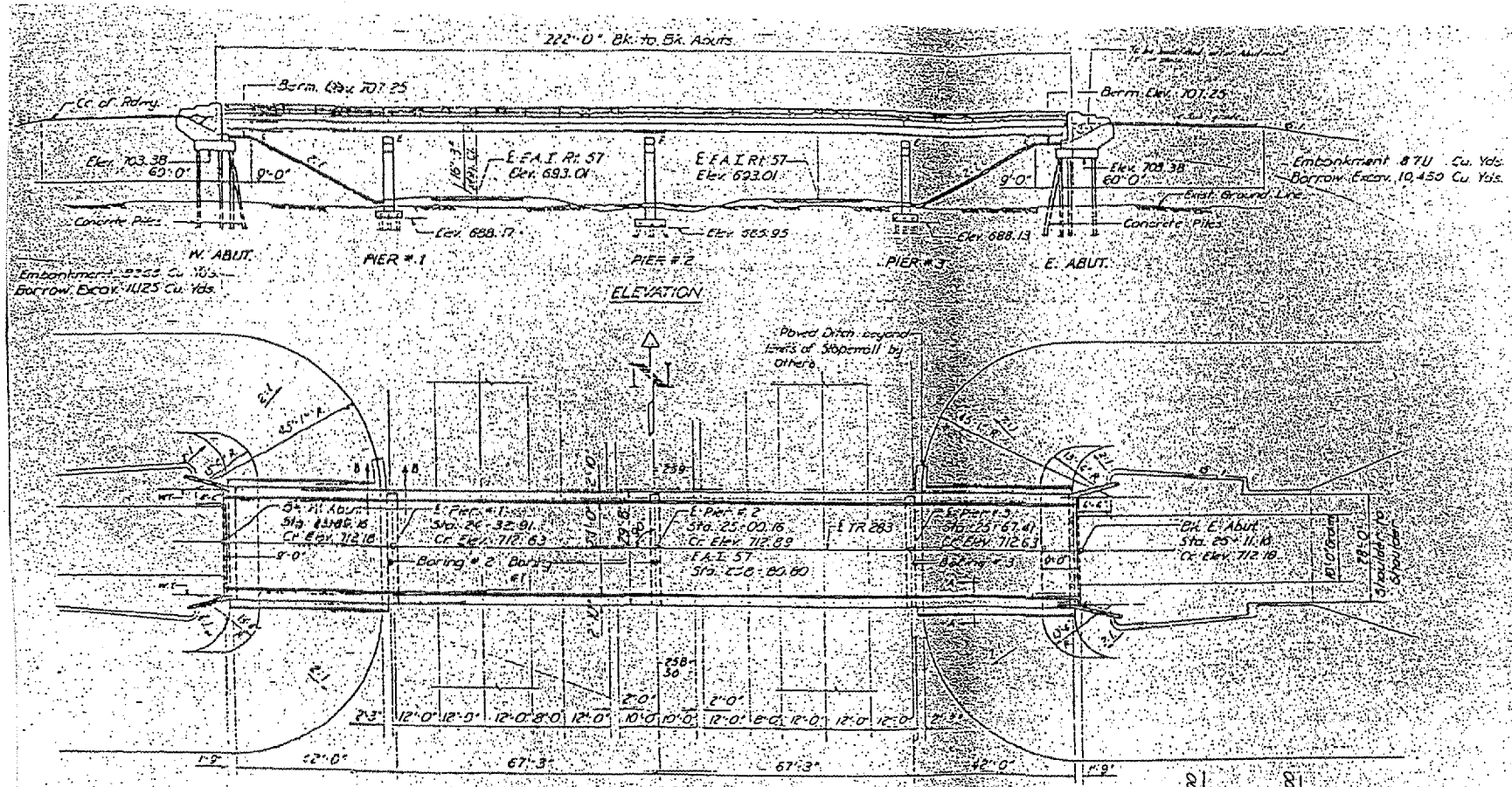


FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	CHAMPAIGN	18	6

\*(10-30HB-2) & (10-31HB)P  
 CONTRACT NO. 70482



**GENERAL NOTES**

Class X Concrete shall be used throughout. Coarse aggregate which is to be used in and posts must be absolutely free of shell, flint, lignite and soft sandstone.

The concrete floor slab shall be poured in one continuous operation between joints and shall be finished in accordance with Article 5119 of the Standard Specifications.

All rivets shall be 3/4" unless noted.

All holes for girders shall be sub-punched 1/8" and reamed to proper size 3/4" for 3/4" rivets 5/8" for 3/8" rivets.

All rockers, bolters, bearing plates, pinles and anchor bolts shall be fabricated and erected in accord with Article 51.15 of Standard Specifications and are included in quantity of Structural Steel. Estimated Weight: 5,460 #.

Anchor bolts shall be set before riveting diaphragms over supports.

All Structural Steel and Metal Handrail shall be inspected by the Illinois Division of Highways before painting.

Welding shall comply with Article 54.5 (a) of the Standard Specifications.

The Slope Wall shall be reinforced with welded wire fabric 6" x 6" mesh #4 wires weighing 52 # per 100 Sq. Ft.

Metal Handrail and Structural Steel and anchor bolts shall receive one shop coat of red lead paint and two field coats of aluminum paint. See Article 54.1 to 54.5 inclusive of the Standard Specifications.

All paint shall be furnished and applied by the Contractor.

Piles of abutts shall be driven in holes prepared in accordance with Article 50.9 (c) of the Standard Specifications.

The Contractor shall drive 2 test piles 0.9% concrete test pile at East Abutment in a permanent location to the right of the pier near Pier #2, as directed by the Engineer before ordering remainder of piles.

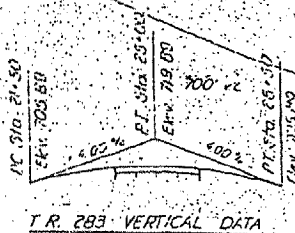
All Structural Steel shall conform to the A.S.T.M. specifications A-36.

**TOTAL BILL OF MATERIAL**

Item	Unit	Super	Sub	Total
Borrow Excavation	Cu Yds		21,575	21,575
Class A Excavation for Struts	Cu Yds		57	57
Structural Steel	Lbs.	157,129		157,129
Class X Concrete	Cu Yds	125.7	190.2	315.9
Metal Handrail	Lbs.	650		650
Reinforcement Bars	Lbs.	3,569.0	14,300	17,869
Coated Piles	Lbs.		680	680
Concrete Piles	Lbs.		680	680
Test Piles Concrete	Each		1	1
Alum. Plates	Each		2	2
Slope Wall #	Sq Yds		32	32
Test Pile (Timber)	Each		1	1
Protective Coat	Sq Yds	725		725

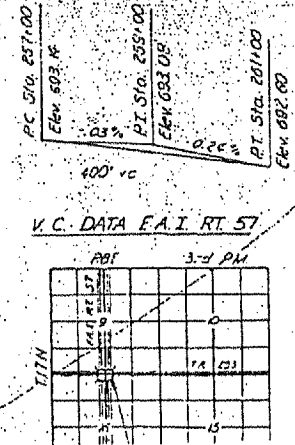
STATION 238+80.60  
 DIVT 19E BY  
 STATE OF ILLINOIS  
 F.A.I. RT 57 SEC. 10-30HB-2  
 P.A. PROJ. I-57-51(X)  
 LOADING HIS-312

NAME PLATE LETTERING  
 See Standard 211-3-1



**DESIGN STRESSES**  
 fc = 1800 P.S.I. Super. & Sub.  
 vs = 75 P.S.I. Flgs.

WESLEY GANADEN A.P.C.  
 JUL 20 1951  
 W.C. Columbus  
 J. Fulton



FOR INFORMATION ONLY

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