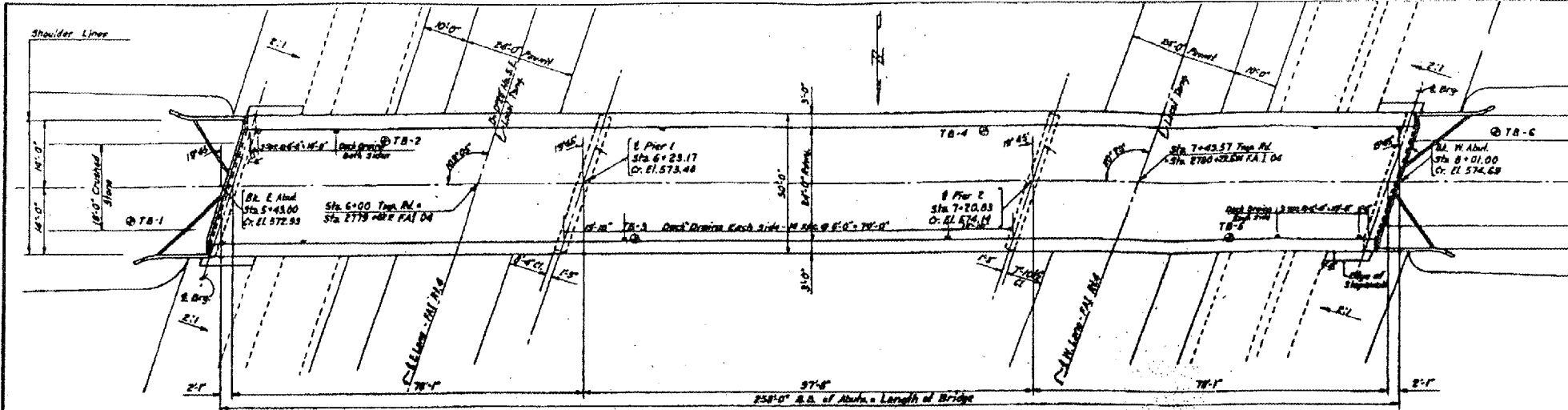
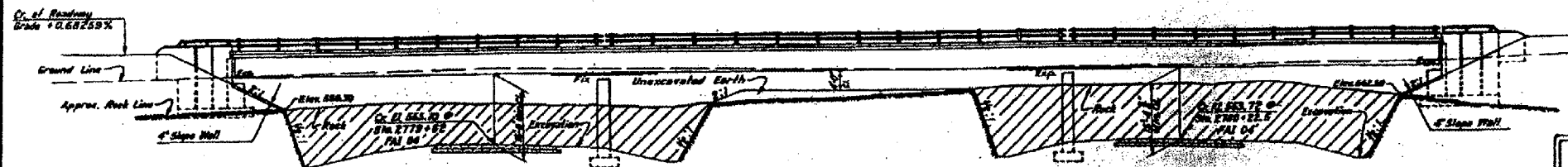


**DECK CROSS SECTION**  
SCALE: 1/4" = 1'-0"



**PLAN**  
SCALE: 1" = 15'



**ELEVATION**  
SCALE: 1" = 15'

**NAME PLATE**  
STATION 2779+62  
BUILT 195 BY  
STATE OF ILLINOIS  
FAI RT. 4 SEC. 91-3NB-2  
FA PROJ. 1-04-1 (35)  
LOADING H15-S12  
S.E.E. Std. 2113

**GENERAL NOTES**

Class X Concrete shall be used throughout.  
The concrete floor slab shall be finished in accordance with Article 51.10(e) of the Standard Specifications and shall be poured in one continuous operation between joints.

All rebar, bearing plates, lead plates, stirrups and anchor bolts shall be furnished and set in accordance with Article 51.10 of the Standard Specifications, and are included for payment on Structural Steel. The cost of handling and setting shall be included in the payment for steel fabricator. The Contract Price per linear foot of handrail shall include the furnishing, installing and painting of the handrail. The number of linear feet of handrail is measured along the top longitudinal railing member.

Handrail on concrete End Post shall be included in linear feet of metal handrail.

All Structural Steel and metal handrail shall receive one shop coat of red lead and two field coats of aluminum paint in accordance with Article 52.1 to 52.5 inclusive of the Standard Specifications.

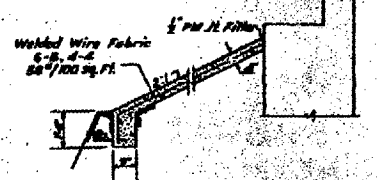
All work shall be furnished and applied by the Contractor.

All Structural Steel shall be inspected by Illinois Division of Highways before painting.

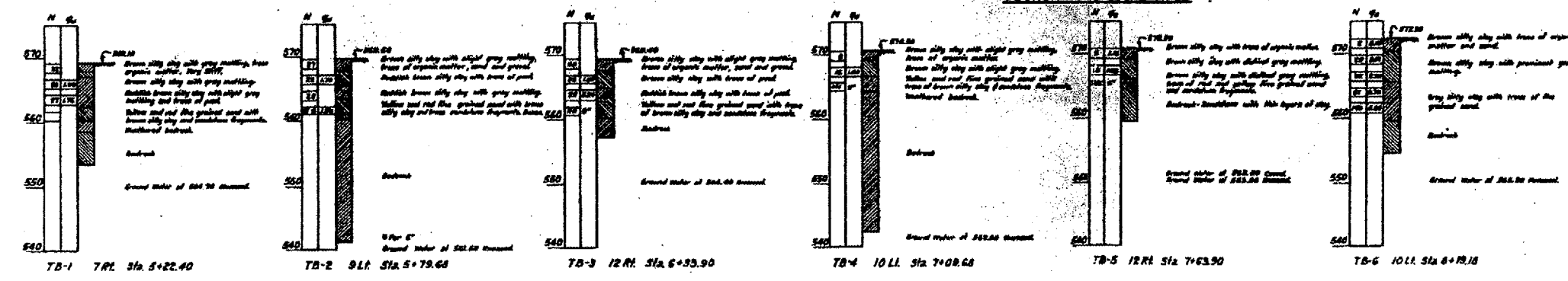
Soil testing shall be done according to Article 50.10 of the Standard Specifications. Bearing Data are shown on the plans only as a guide to bidders in estimating soil conditions which may be encountered in the field.

Design Stresses:  
 18,000 p.s.i. for structural steel.  
 20,000 p.s.i. for intermediate grade reinforcing steel.  
 1,000 p.s.i. for superstructure.  
 1,000 p.s.i. in manufacture with earth pressure.  
 1,000 p.s.i. without earth pressure.  
 Shear in fastings = 75 p.s.i. maximum.  
 11a 10  
 Design Specifications AASHTO H15-S12 84

**NOTES:**  
N indicates the number of blows required to drive a 1 1/2" I.D., 2" O.D. split spoon sampler 12" by means of a 140# weight falling 30".  
Cu indicates the unconfined compressive strength of the soil in tons/sq. ft.  
See Plan on this sheet for location of borings.

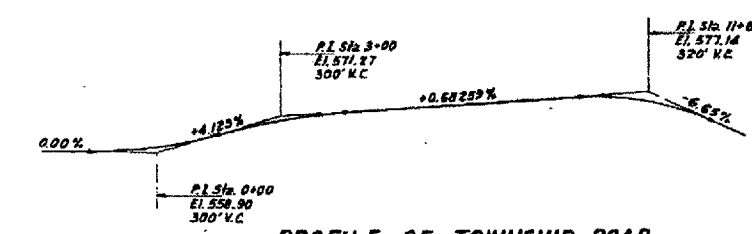


**SECTION THRU SLOPE WALL**

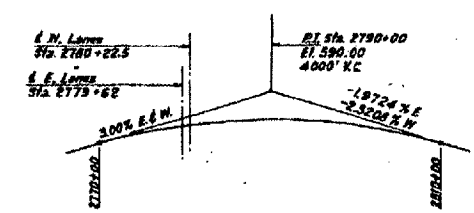


**TOTAL BILL OF MATERIAL**

ITEM	SUPERSTR.	SUBSTR.	TOTAL
Class X Concrete	Cu. Yds. 209.3	197.4	406.7
Reinforcement Bars	Lbs. 34,454	22,506	60,960
Structural Steel	Lbs. 234,600		234,600
Metal Handrail	Lin. Ft. 552.88		552.88
Name Plates	Each 1		1
Class A Excavation for structures	Cu. Yds. 232		232
Rock Excavation for Structures	Cu. Yds. 70		70
Slope Well	Sq. Yds. 6.8		6.8



**PROFILE OF TOWNSHIP ROAD**



**PROFILE OF FAI RT. 04**

3 M. - 2 Spikes in P.P. 257' LL Sta. 2779 +12 (E)  
El. 567.23  
No Existing Structure

BRIDGE NO. 12  
091-0050  
FOR INFORMATION ONLY

**GIRDER DETAILS-PUBLIC ROAD- 91-3NB-2**

REVISIONS	STATE OF ILLINOIS DEPARTMENT OF PUBLIC WORKS & BUILDINGS DIVISION OF HIGHWAYS	DESIGNED BY DATE
1	FAI-4 SECTION 91-3NB-2 PROJECT 1-04-1(35)	CHECKED BY DATE
2	STATION 2779+62E & 2780+22.5W	DESIGNED BY DATE
3	UNION COUNTY	CHECKED BY DATE
4	HOMER L. CHASTAIN & ASSOCIATES CONSULTING ENGINEERS DECATUR ILLINOIS	DESIGNED BY DATE
5		CHECKED BY DATE
6		DESIGNED BY DATE
7		CHECKED BY DATE
8		DESIGNED BY DATE
9		CHECKED BY DATE
10		DESIGNED BY DATE