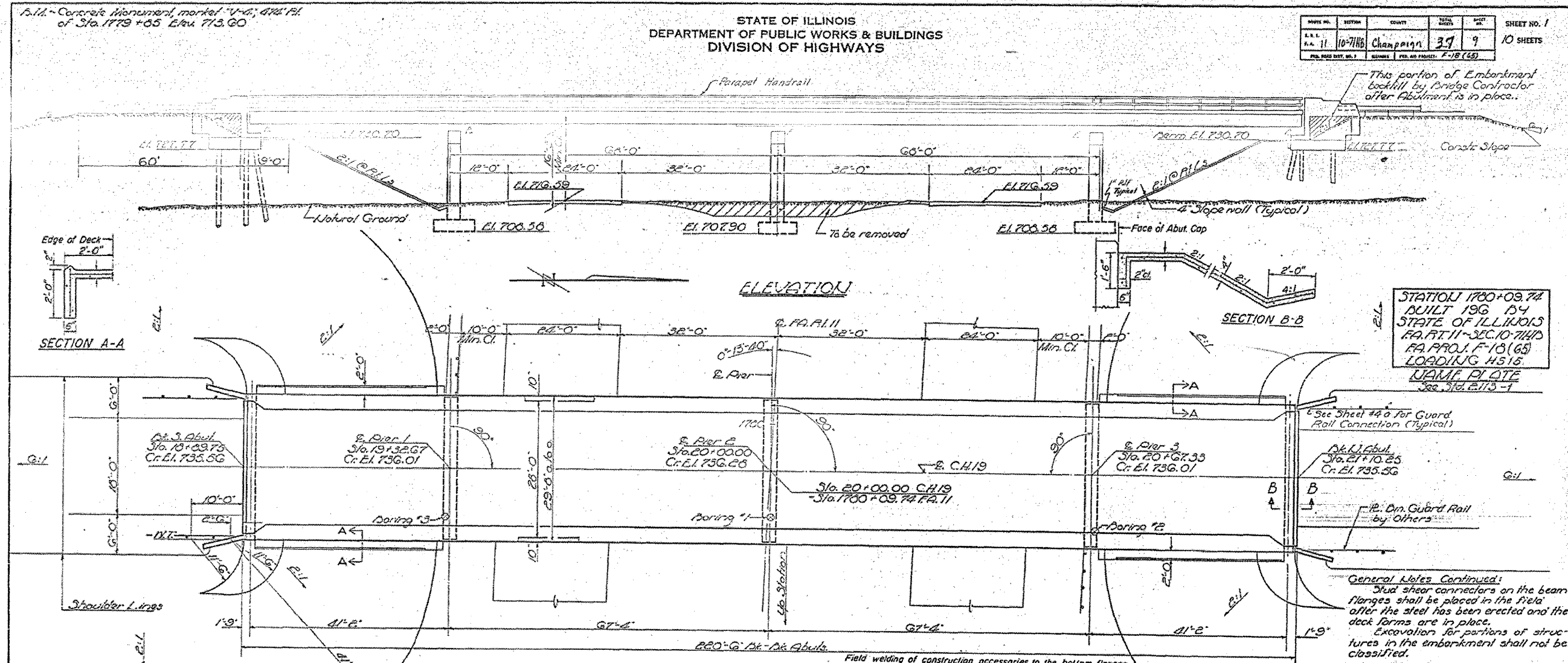


AS-BUILT PLANS FOR INFORMATION ONLY

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

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-7116	Champaign	39	9	10
SHEET NO. 1 OF 10 SHEETS				



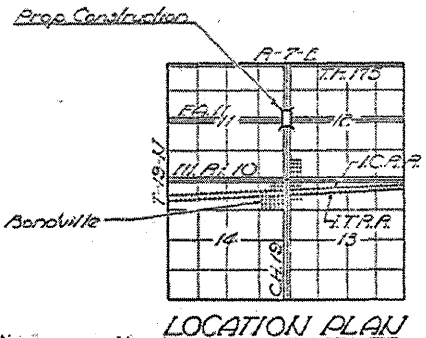
STATION 1780+09.74
BUILT 1964
STATE OF ILLINOIS
FA. RT. 11 - SEC. 10 - 7116
FA. PROJ. F-18 (65)
LOADING H/3-15
NAME PLATE
See Sta. E. 113-1

SECTION A-A

SECTION B-B

ELEVATION

PLAN



LOCATION PLAN

GENERAL NOTES

Class X Concrete shall be used throughout. Coarse aggregate which is to be used in and posts must be free of chert, flint, limestone, lignite and soil sandstone.

The concrete floor slab shall be finished in accordance with Article 51.19 of the Std. Specs.

The use of permanent forms will not be permitted in forming the concrete floor.

Slope wall shall be reinforced with welded wire fabric G x G mesh, #4 wires weighing 33# per 100 sq. ft. Panels 2' x 2' Open holes 1/2" unless noted.

All bolts, washers, bearing plates, foot plates, pin plates and anchor bolts shall be fabricated and set in accordance with Article 51.15 of the Standard Specifications and are included in quantity of Structural Steel. Est'd Mt. - G-355. Anchor bolts shall be set before riveting diaphragms over supports.

All Structural Steel shall comply with the Specifications for Structural Steel, A.S.T.M. Designation, A-36.

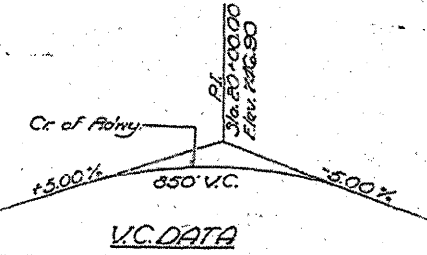
Expansion guards shall be fabricated and erected in accordance with Article 51.13(d) of the Standard Specifications and are included in quantity of Structural Steel. Est. material 2' x 8' x 1/2" = 1550 lbs.

Field welding of construction accessories to the bottom flanges or for a distance of 1/4 of the span each way from pier supports on the top flanges of beams or girders will not be permitted. Field welding in other areas will be permitted only when approved by the Engineer.

Except as otherwise provided, all structural steel shall receive one shop coat of red lead paint and two field coats of paint. See Special Provisions for field paint.

The Contractor shall drive one concrete test pile in permanent location of South Abutment as directed by the Engineer before ordering or casting remainder of piles.

Piles in the Abutments shall be driven in holes precast through the embankment to the natural ground line in accordance with Article 60.9(c) of the Standard Specifications.



V.C. DATA

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub	Total
* Class A Excavation for Structures	Cu. Yd.		190	190
Class X Concrete	Cu. Yd.	168.6	176.5	345.1
Structural Steel	Lb.	139,490		139,490
Alum. Horizontal	Lm. Ft.	437		437
Reinforcement Bars	Lb.	42,220	13,700	55,920
Concrete Piles	Lm. Ft.		595	595
Test Piles (Concrete)	Ea.		1	1
Name Plates	Ea.		2	2
Slope Pile	Sq. Yd.			360
** Protective Coat	Sq. Yds.			637
(1) Bridge Seat Sealant	Lump Sum			1

* Includes excavation for slope wall. (1) Use an abutment seats.
** Includes use on inside vertical face top and exposed ends of the abutment wings.

DESIGN STRESSES
F_y = 1400 p.s.i. Super & Sub.
F_y = 20000 p.s.i. Rein.
F_y = 20000 p.s.i. Struct. (A-36)
Allowable L.L. Defl. non comp. = L/1000
VC = 75 p.s.i. Flgs. & comp. = L/1200
LOADING H/3-312-44

(1) Use an abutment seats.
C.H. 19 OVER FA. RT. 11
PROJECT F-18 (65)
GENERAL PLAN & ELEVATION
FA. RT. 11 SEC. 10-7116
CHAMPAIGN COUNTY
STA. 1780+09.74
Rev. By Mr. Affie
H/1/11

Rev. 10/16/64 H.A.B. Rev. Quan. for Parapet Handrail: Alum. to Metal; Cl. X Concrete from 181.4 to 194.1 (360.7 to 373.4); Reinf. lbs 34,730 to 40,060 (44,520 to 53,570) C&G Piles Length 1st, 2nd Lin. Ft. from 150 to 170; Added Protect. Coat & Bridge Seat Sealant