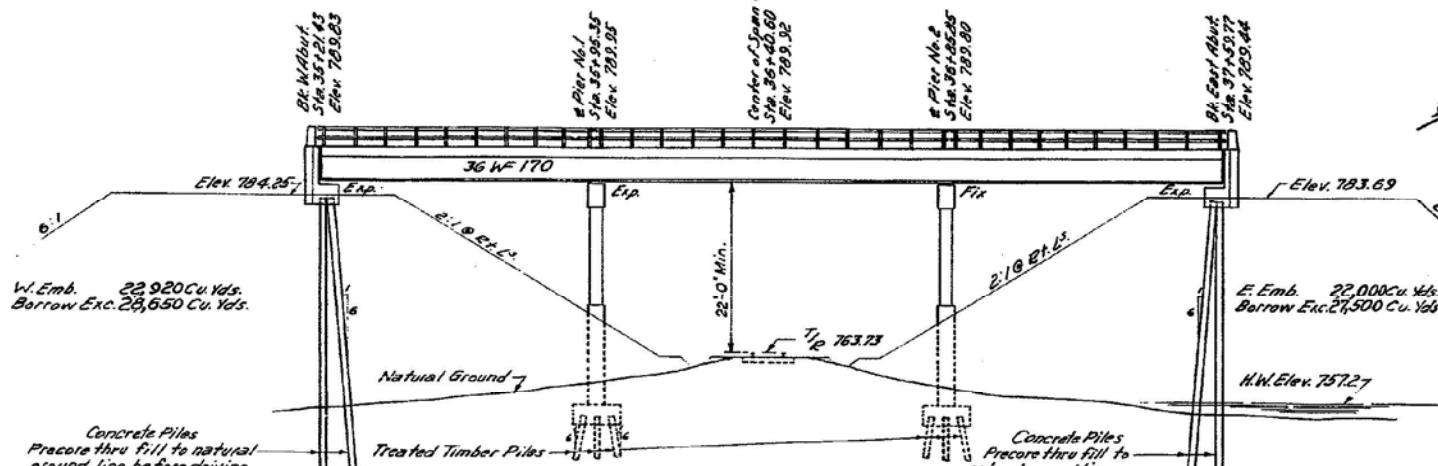


B.M. R.P. Spike in P.P. 1074 Lt. Sta. 37+02 Elev. 759.62.
Existing Structure - None.

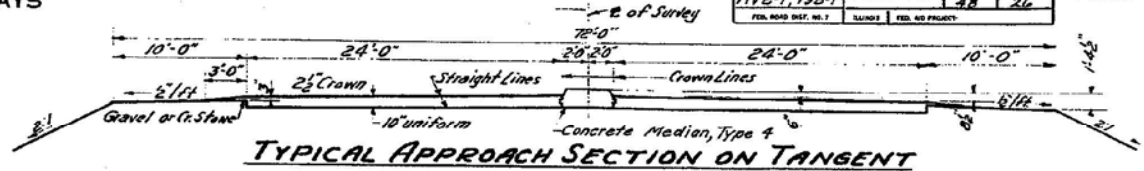
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

SECTION	COUNTY	SHEET NO.	SHEET TOTAL
19VB-1, 19B-1	STEPHENSON	23	5
19VB-1, 19B-1		48	26

SHEET NO. 1
7 SHEETS



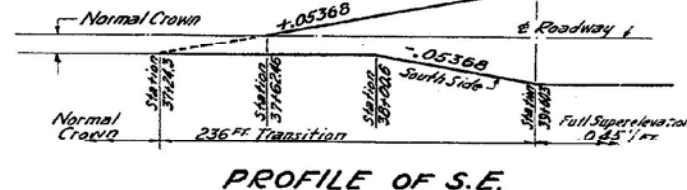
ELEVATION
Scale - Vertical 1"=10'
Horizontal 1"=20'



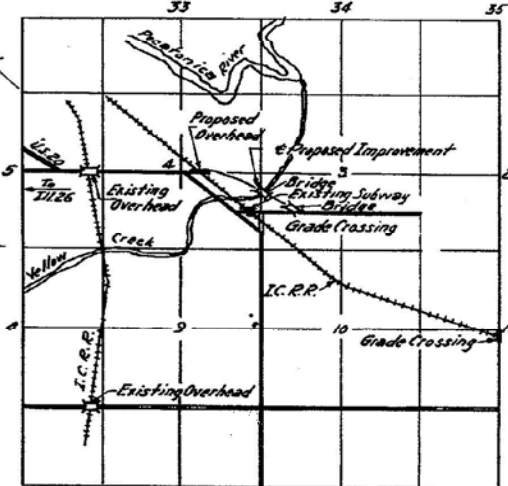
TYPICAL APPROACH SECTION ON TANGENT

GENERAL NOTES

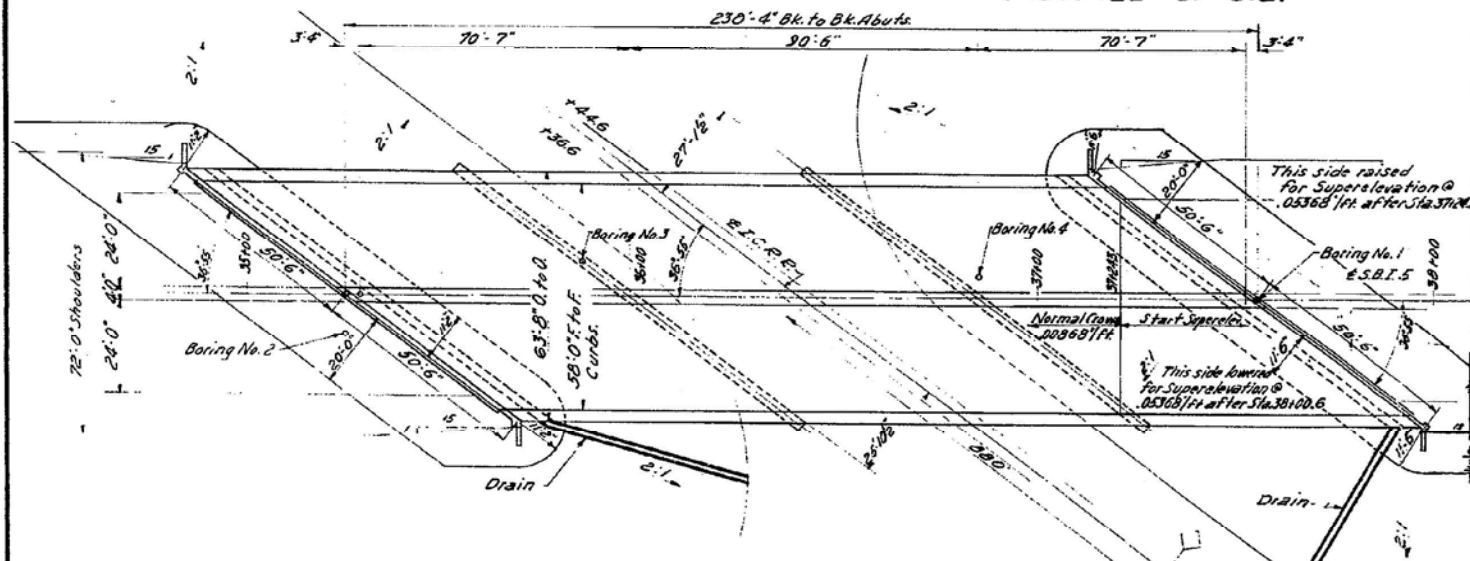
Class X Concrete shall be used throughout except in handrail posts. Handrail Concrete shall be used in handrail posts. The Concrete Floor Slab shall be finished in accordance with Article 51.13(a) of the Standard Specifications. All Rivets 2" and Open Holes 2" diameter, unless noted. Field Connections riveted unless noted. All handrail posts shall be fabricated to be in a vertical position after erection. All Bolts, Rockers, Bearing Plates, Lead Plates, Pintles and Anchor Bolts shall be fabricated and set in accordance with Article 51.14 of the Standard Specifications and are included for payment as Structural Steel. Anchor Bolts shall be set before riveting diaphragms over supports. The Roadway Expansion Guard Angles shall be bent to fit the Crown of Roadway. The Exposed Surfaces of Expansion Angles shall be given two shop coats of red lead paint. Expansion Guards are included for payment as 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 57.1 to 57.5 inclusive of the Standard Specifications. All Paint shall be furnished and applied by the Contractor involved. The Contractor shall drive a concrete test pile in a permanent location on a department and a timber test pile as directed by the Engineer before ordering remainder of piles. All Timber Piles shall be cribsofied. Boring Data are shown on the drawings only as a guide to bidders in estimating Soil Conditions which may be encountered in the work.



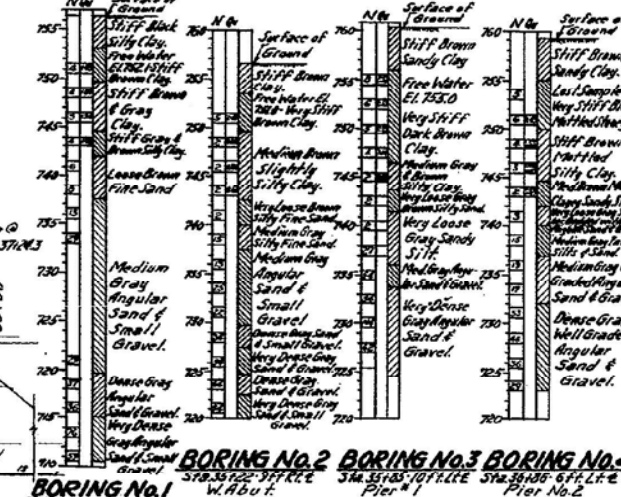
PROFILE OF S.E.



LOCATION PLAN



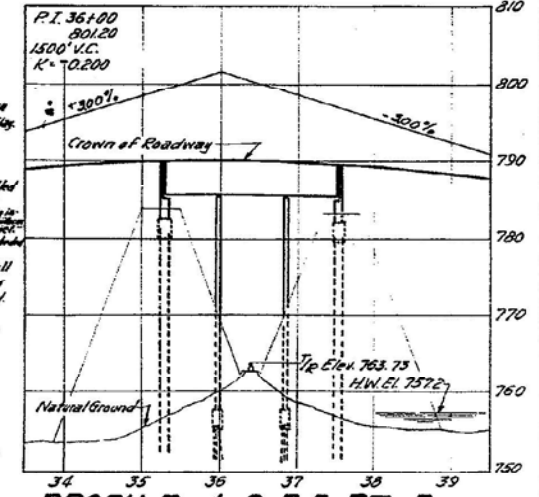
PLAN
Scale: 1"=20'



BORING NO. 1 BORING NO. 2 BORING NO. 3 BORING NO. 4

TOTAL BILL OF MATERIAL

ITEM	Supers. str.	Substr.	Sec. 19VB-1	Sec. 19VF-1
Class X Concrete	Cu. Yds. 392.4	594.2	986.6	
Handrail Concrete	Cu. Yds. 0.5		0.5	
Structural Steel	Lbs. 594,500		594,500	
Concrete Piles	Lin. Ft. 1,740		1,740	
Cribsofied Piles	Lin. Ft. 4,640		4,640	
Test Piles (Concrete)	Each 1		1	
Metal Handrail	Lin. Ft. 472.1		472.1	
Cast Iron Frames	Each 4		4	
Borrow Excavation	Cu. Yds. 56,150		56,150	
Reinforcement Bars	Lbs. 70,570		46,340	116,910
Name Plate	Each 1		1	
Test Piles (Timber)	Each 1		1	



PROFILE OF S.B.I. RT. 5

DESIGNED M. A. Ruggach
CHECKED Donald C. Hoffman
DRAWN M. A. R. Ruggach
CHECKED D.E.I.

AUG. 26 1955

EXAMINED [Signature]
PASSED [Signature]
APPROVED [Signature]

BASIS FOR DESIGN

F_s = Structural Steel 10,000 p.s.i.
F_s = Reinforcement Bars 20,000 p.s.i.
F_c = Superstructure 1,400 p.s.i.
F_c = Substructure 300 p.s.i.
n = 10

Loading H20-516

HORIZONTAL CURVE DATA

P.I. Sta. 47+41.7 T = 823.4
D = 42'-51" L = 1714.0'
D = 2'-30" E = 170.1'
R = 2292.0' S.E. = 0-2.5"
Attain S.E. Sta. 37+24.3 to Sta. 39+50.3
Curve to Rt. tangent at # Bridge.

ILLINOIS CENTRAL R.R.
BUILT 195
BY
STATE OF ILLINOIS
S.B.I. RT. 5 SEC. 19VB-1
FH/PROJ. FG-19(3) Sta. 36+40.6
LOADING H20-516

NAME PLATE
Refer to Std. 2113
F.A. PROJ. FG-19(3)
ILLINOIS CENTRAL OVERHEAD
S.B.I. RT. 5 SEC. 19VB-1
EAST OF FREEPORT
STEPHENSON COUNTY
STATION 36+40.6

FILE NAME = s:\p1\6380--6395\6345\025\micro\cadd sheets\Structural Plans\089-0007-64E76-027-ECPE.dgn

For Information only