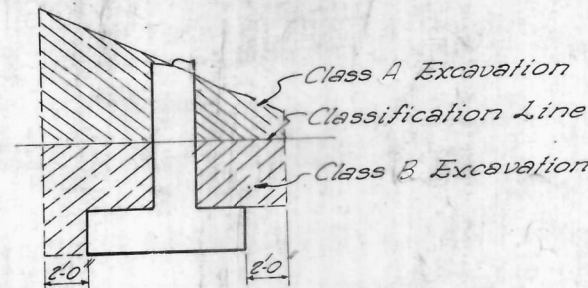
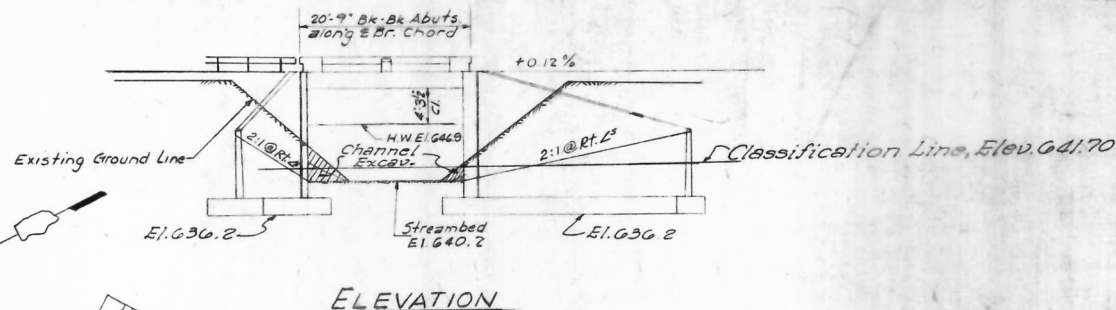


B.M.: "588 Railroad Spike in base of Telephone Pole. Sta. 39+42. E.T.R. 58 23 Rt. El. 654.93
Existing Structure: None

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

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
57	38	IROQUOIS	82	38	5 SHEETS
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT: I-57-G(83)278					
*38-4, 4B, 4B-1, 4B-2, 4B-3					



CLASS A & B EXCAVATION

STATION 507+51
BUILT 1966 BY
STATE OF ILLINOIS
F.A.I. RT. 57-SEC. 38-4B-3
F.A. PROJ. I-57-G(83)
LOADING H520 & ALT.

NAME PLATE
See Std. 2113-1

CURVE DATA

P.I. Sta. 501 + 68.48
Δ = 43°-02'-17.77"
D = 1°-30'-00"
T = 1506.10
L = 2867.22
R = 3819.72
E = 286.20
S.E. = 0.017 (Remove Crown)
S.E. attained 485 + 86.44 to 487 + 28.32
514 + 55.66 to 515 + 97.54

GENERAL NOTES

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

The handrail concrete in the rail posts and railing shall be poured in separate operations.

For backfill behind abutments held at the top, see Article 50.10 of the Standard Specifications.

The backs of the abutments, retaining walls and wing walls above the tops of the footings, shall be waterproofed in accordance with Article 51.21 of the Standard Specifications.

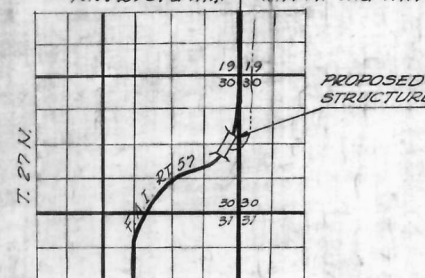
WATERWAY INFORMATION

Drainage Area ----- 450 Acres
Character ----- Cultivated
Required Opening - (50 Yr. Fl'd) 100 Sq. Ft.
Present Opening ----- Sq. Ft.
Proposed Opening ----- 100 Sq. Ft.
Ordinary Water Elev. 642.2
Low Water Elev. 640.7

TOTAL BILL OF MATERIAL

Items	Unit	Super	Sub	Total
Channel Excavation	Cyd	-	150	150
Class A Excavation	Cyd	-	340	340
Class B Excavation	Cyd	-	950	950
Handrail Concrete	Cyd	2.9	-	2.9
Class X Concrete	Cyd	15.0	431.0	506.0
Reinforcement Bars	Lbs.	20,630	34,320	54,950
Name Plates	Each	2	-	2
Protective Coat	Sq. Yd.	210	-	210

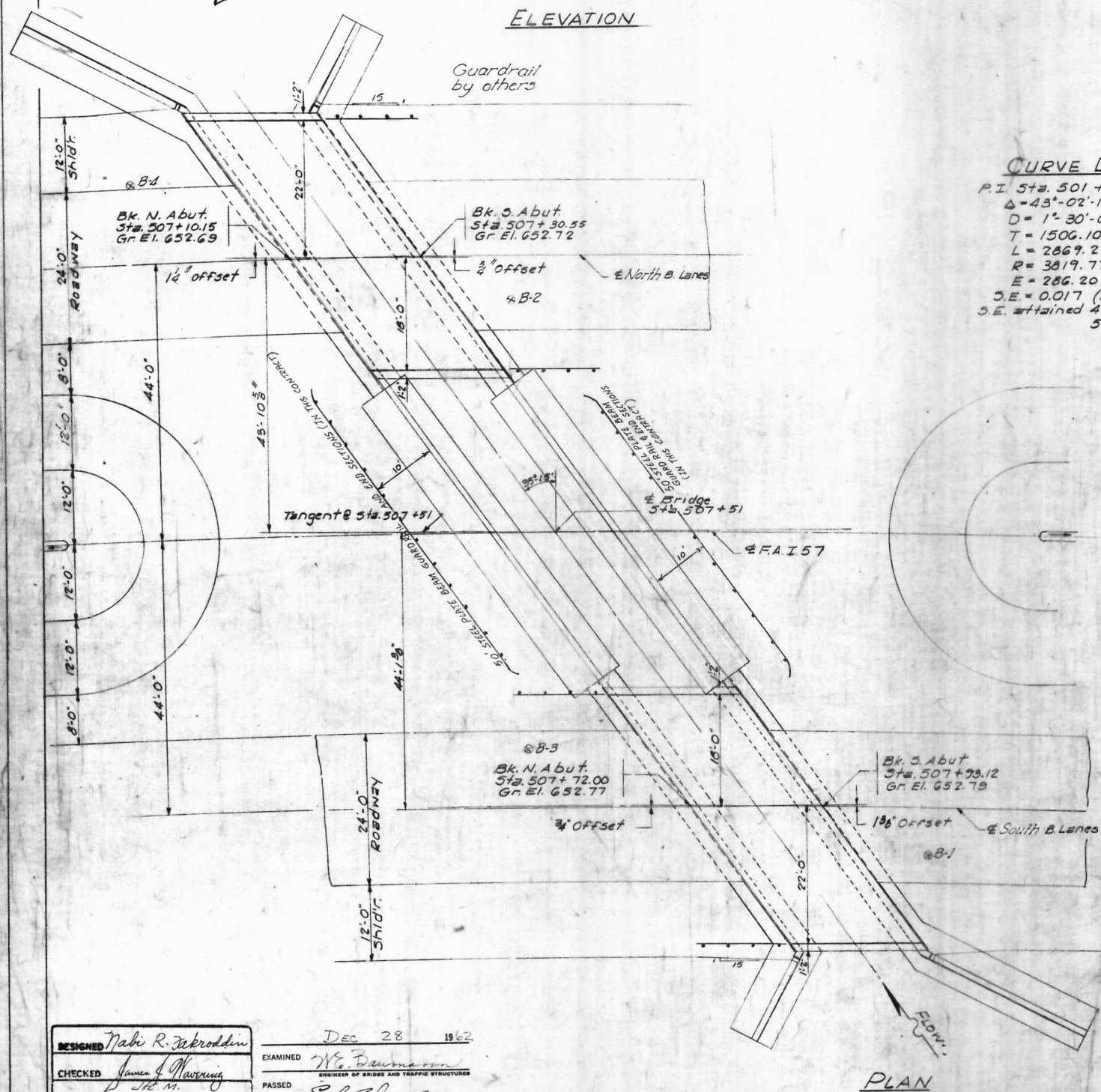
R. 11 E. 3rd P.M. ← R. 14 W. 2nd P.M.



LOCATION PLAN

DESIGN STRESSES

$f_c = 1400$ psi. Super.
 $f_c = 1000$ psi. Sub.
 $f_s = 20,000$ psi. Reinf.
 $k = 75$ psi. Figs.
 $n = 10$
Max. footing pressure = $2.850 \frac{W}{b}$
LOADING H5 20-44 & ALT



PLAN

DESIGNED	Nabi R. Zakrodin	EXAMINED	W. Baumann
CHECKED	James J. Hanning	PASSED	E. S. Shultz
DRAWN	James J. Hanning	APPROVED	[Signature]
CHECKED	James J. Hanning		

Dec 28 1962

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -
et:\pw\work\p1\dot\duncanbd\dms30308\ep25005-sh1-F10.DGN		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY
EXISTING SN 038-0167/0168

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		IROQUOIS	190	86
*(38-4)RS-2, (38-4)BR,BR1,BR3			CONTRACT NO. 66757	
ILLINOIS FED. AID PROJECT				