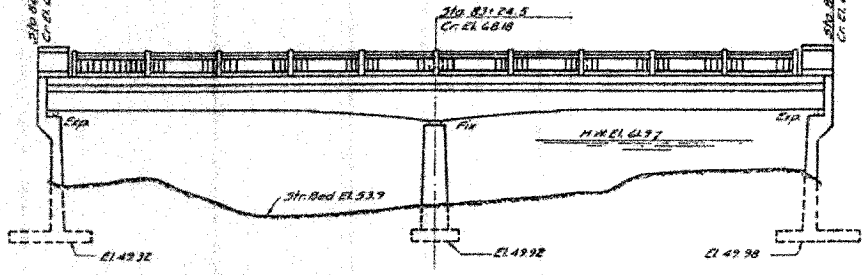


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	57
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

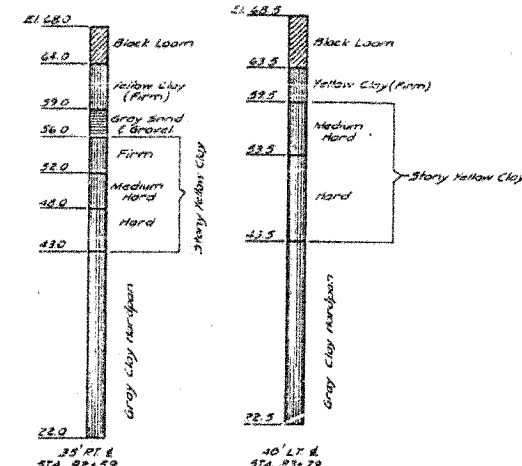
DATE	BY	NO.	DATE	BY	NO.
6-24-57	DEKALB	13	5		

Top of South Abut on base of West Latt Post on Gas Pump Island
Sta. 81+13. Elev. 70.92 equals Elev. 65.13 U.S.G.S. Datum.
Existing Structure: Cross Span 18' 6" - Rise 43" on Stone Masonry
Substructure to be removed by the Contractor. The Steel is to
be salvaged and stored on City property at the intersection of
Pearl Ann Street, two blocks from Bridge Site. Stone masonry
of West Channel to be salvaged for re-erection. See
Special Provisions.

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



GENERAL ELEVATION
Scale 1/4" = 1'-0"



BORING DATA

Boring Data are shown on the Plans only as a guide to bidders in estimating soil conditions which may be encountered in the work.

GENERAL NOTES

Class X Concrete shall be used throughout except as noted.
Reinforcing Concrete shall be used in Concrete Rail Posts.
Class A Concrete shall be used in Pier.
Reinforcing Floor Slab on each side of Centerline Joint shall be poured in one continuous operation.
The Reinforcing on one side of the Centerline Joint shall not be removed until after the Concrete is poured on the other side of the Joint.
The Floor slab shall be finished in accordance with Art. 4.3.1(e) of the Standard Specifications.
Wall, Ceiling & Level 2's and Anchor bolts shall be furnished, painted and set in accordance with Art. 34.3(a) of the Standard Specifications, and are included in payment as structural steel.
Metal Handrail and structural steel shall be painted one shop coat of red lead paint and two field coats of Aluminum paint.
Exposed portion of floor drains shall be painted two field coats of Aluminum paint.
All Paint shall be furnished by the Contractor.

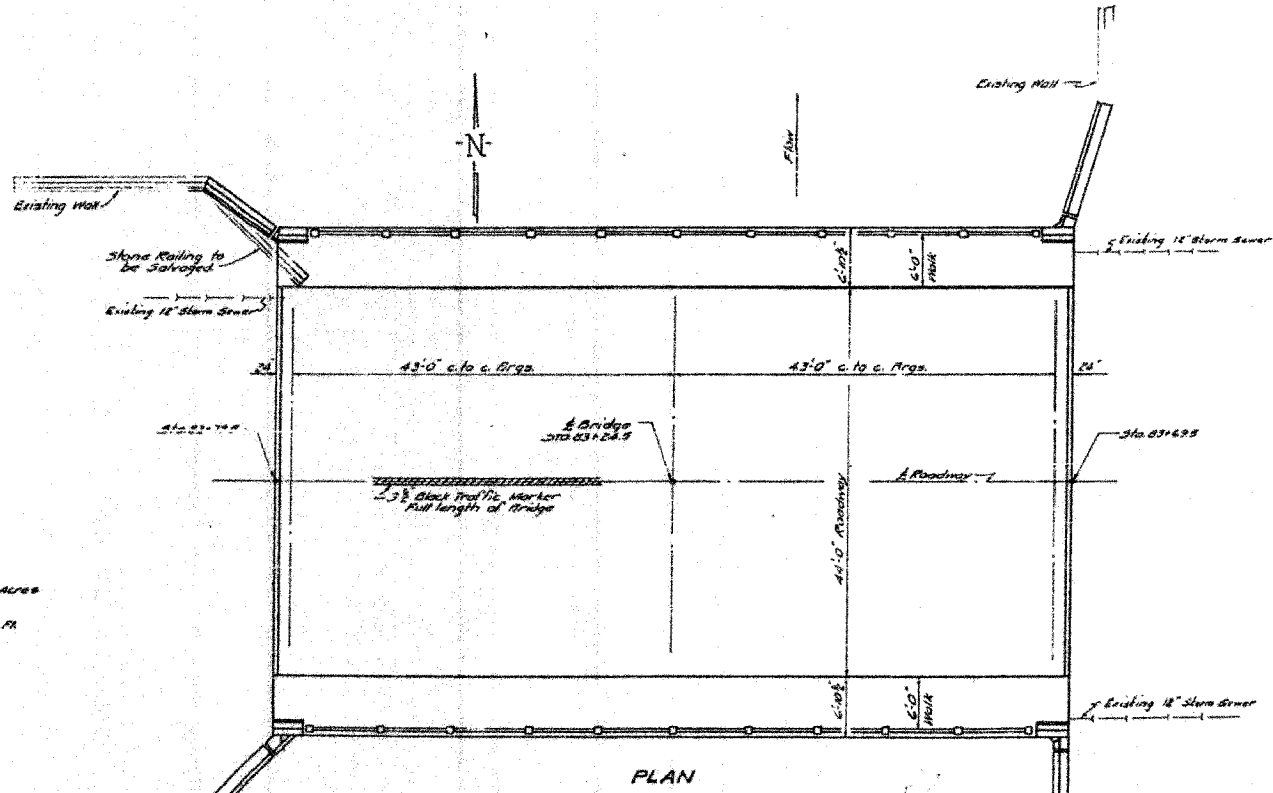
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPERSTR.	ABUT.	PIER	TOTAL
Class X Concrete	Cu Yds.	245.5	237.8		483.3
Handrail Concrete	Cu Yds.		2.3		2.3
Class A Concrete	Cu Yds.			23.8	23.8
Reinforcement Bars	Lbs.	60030	19430	3650	83110
Structural Steel	Lbs.	6310			6310
Floor Drains	Each	20			20
Removal of Existing Structure	Each				One
Metal Handrail	Lin. Ft.	163			163
Stone Railing					Lump Sum
Reconstruction of 18" Storm Sewers	Each				5
Temporary Bridge					Lump Sum
Home Plate	Each	1			1

DESIGN STRESSES
 $f_s = 20,000\%$
 $f_c \text{ Super} = 1200\% \text{ (13.50\% @ Supports)}$
 $f_c = 800\% \text{ Substr.}$
 $n = 10$

PROJECT - U-1(25)
 50. BRANCH KISHWAUKEE RIVER
 F.A.R.T. 7(S.B.I.R.T. 6) SEC. 34 X-B
 DEKALB COUNTY
 STA. 83+24.5

WATERWAY DATA
 Drainage Area ----- 49,000 Acres
 Character ----- Level
 Opening Provided below N.W. ----- 175 sq. ft.
 Equivalent to C = 0.145 (7000)



PLAN

COMPUTED	Checked	MANEY R. MURPHY	EXAMINED	
CHECKED	Checked	R. H. SMITH	PASSED	
DRAWN	Checked	R. L. S.	APPROVED	
CHECKED	Checked			
SPECIAL	Checked			



DEAD LOAD DEFLECTION DIAGRAM

H 20 - 316 - 44 LOADING

FOR INFORMATION ONLY

PLOT DATE: 8/1/57
 FILE NAME: 8/1/57
 PLOT SCALE: 1/4" = 1'-0"
 REFERENCE: 8/1/57
 DRAWN BY: MURPHY

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EXISTING BRIDGE PLANS

FAP RTE 567 (IL RTE 38)
 SECTION 34X-BR
 DEKALB COUNTY

SCALE: VERT. DATE: 2/24/06
 HORIZ. DATE: 2/24/06
 DRAWN BY: SUTHEARD
 CHECKED BY: BOTT

COMPUTER FILE NO. D10800EPLN	PROJECT 05198
2/27/06-MDS	

EXISTING BRIDGE PLANS