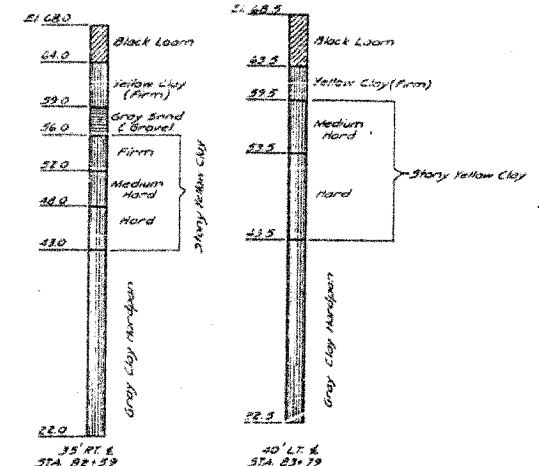
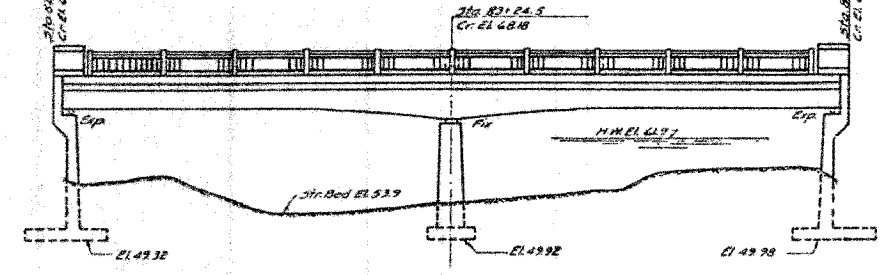


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	57
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SECTION	COUNTY	SHEET	SHEET NO.
6	34X-B	DEKALB	13
SHEET NO. 7			
8 SHEETS			

34' 100 of South Side in base of West Side Post on Gas Pump Island
 of Sta. 83+33. Per 70-92 equip. Eas. 032.13 U.S.G.S. Datum.
 Existing structure. Truss span 18' 24". Heavy 13" on Stone Masonry
 Structure to be removed by the Contractor. The steel p. to
 be salvaged and stored on City property at the intersection of
 Pearl & Ann Streets, two blocks from bridge site. Stone masonry
 of N.W. Corner to be salvaged for re-erection. See
 Special Provisions.

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



GENERAL NOTES

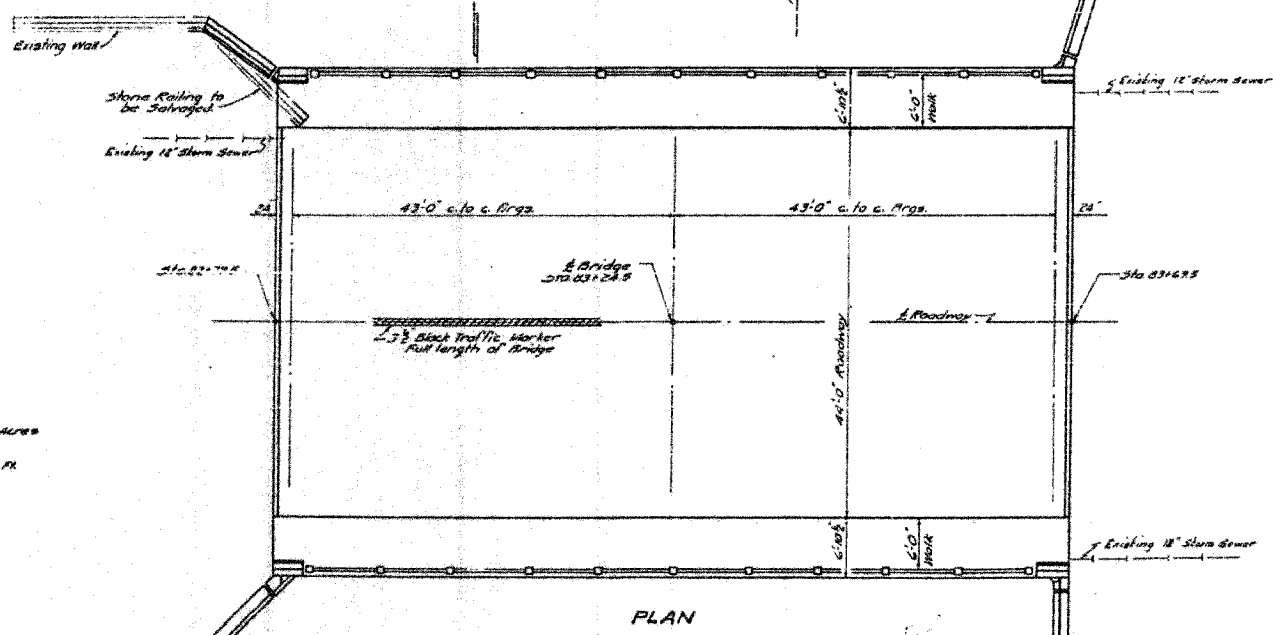
Class C Concrete shall be used thruout except as noted.
 Handrail Concrete shall be used in Concrete Rail Posts.
 Class A Concrete shall be used in Pier.
 Shop Orders & Floor Slab on each side of Centerline Joint shall be poured in one continuous operation.
 The falsework on one side of the Centerline 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. 2.31(e) of the Standard Specifications.
 Rollers, bearing the Level 8s and Anchor bolts shall be furnished, painted and set in accordance with Art. 34.3(a) of the Standard Specifications, and are included for 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	SUPERSR	ABUTT	PIER	TOTAL
Class C Concrete	Cu. Yds. 245.5	237.5		483.0
Handrail Concrete	Cu. Yds. 2.5			2.5
Class A Concrete	Cu. Yds. 93.5			93.5
Reinforcement Bars	Lbs. 60030	19430	3650	83110
Structural Steel	Lbs. 6510			6510
Floor Drains	Each 20			20
Removal of Existing Structure	Each One			One
Metal Handrail	Lin. Ft. 163			163
Stone Railing				Lump Sum
Reconstruction of 18" Storm Sewers	Each 3			3
Temporary Bridge				Lump Sum
Name Plate	Each 1			1

WATERWAY DATA

Drainage Area ----- 49,000 Acres
 Character ----- Level
 Opening Provided below N.W. ----- 475 sq. ft.
 Equivalent to C = 0.145 (Tribol)

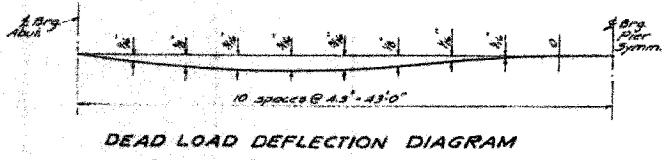


DESIGN STRESSES

$f_s = 20,000\%$
 $f_c \text{ Super} = 1200\% \text{ (12.50\% @ supports)}$
 $f_c = 800\% \text{ Substr.}$
 $n = 10$

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

COMPUTED	Henry P. Sutherland	EXAMINED	
CHECKED	R.H. Smith	PASSED	
DRAWN	R.P.B. J.V. Vannoy	APPROVED	
CHECKED	R.L.S.		
SPECIAL	ASSEMBLED		
	CHECKED		



FOR INFORMATION ONLY

PLOT DATE * * * * *
 FILE NAME * * * * *
 PLOT SCALE * * * * *
 REFERENCE * * * * *
 OPERATOR * * * * *

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING BRIDGE PLANS

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

SCALE: VERT.
 HORIZ.
 DATE 2/24/06

DRAWN BY SUTHEARD
 CHECKED BY BOTT

GREENE & BRADFORD, INC.
 OF SPRINGFIELD
 CONSULTING ENGINEERS
 PROFESSIONAL ENGINEERS
 PROFESSIONAL ARCHITECTS

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

EXISTING BRIDGE PLANS