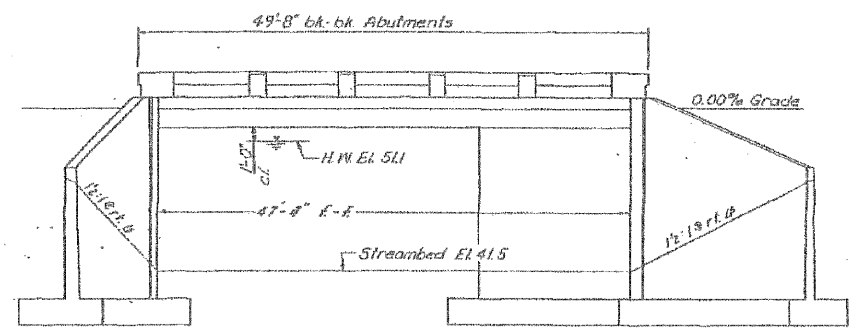


B.M. - Spike in right pole of NW corner of bridge. EL = 50.00.
 Existing Structure - I-beam, 2 spans - 1 @ 18'-0" and 1 @ 16'-6", 16'-0" roadway, timber floor.
 Substructure - Closed timber piers.
 Contractor shall remove existing bridge when new construction begins.
 Salvable I-beams and floor planks to remain property of Fayette Road District.

ABUT STAKES - FACE OF ABUT.

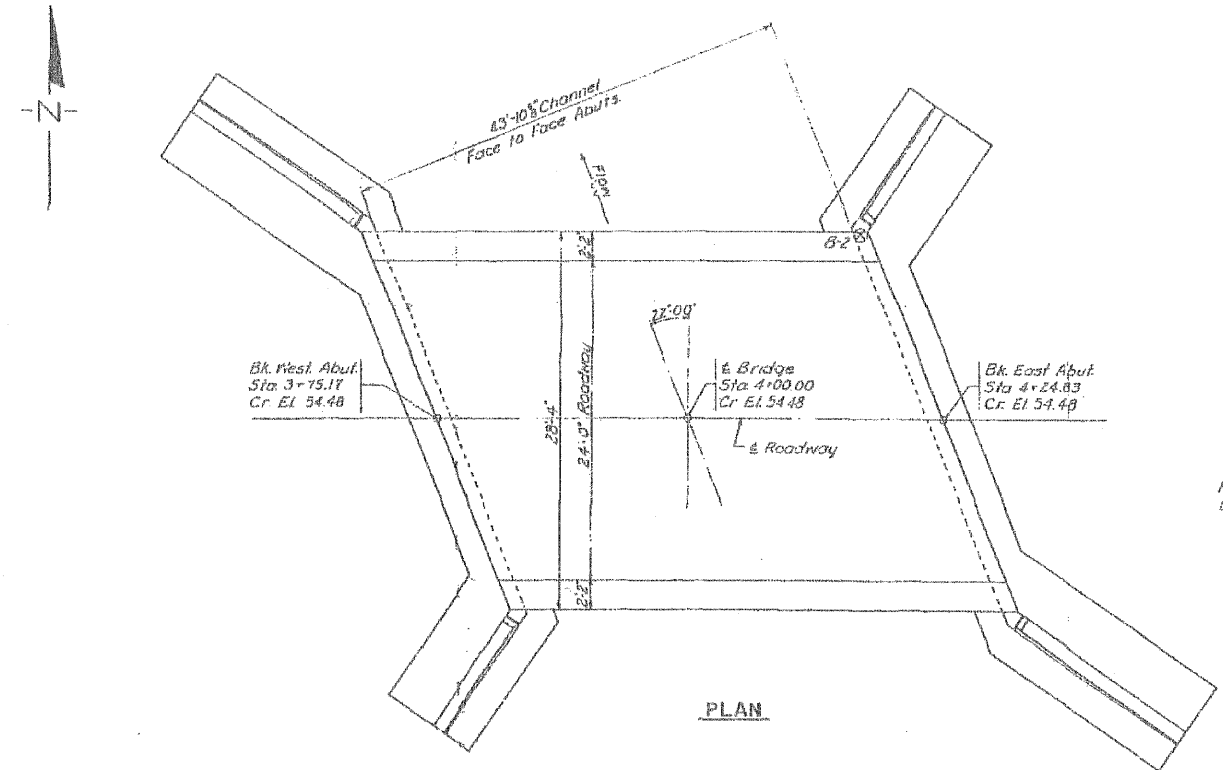
REMOVE MARKS - E-11-11
 BRIDGE MARKS - 11-11-11
 ELEVATION - 11-11-11
 DATE - 11-11-11



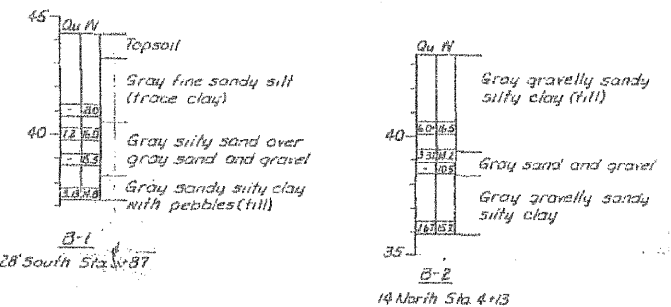
ELEVATION
 Untreated timber pile foundation see Sheet 3 of 3 for details.

GENERAL NOTES

Class X Concrete shall be used in the abutments and curbs.
 Handrail Concrete shall be used in the handrails.
 The backs of the abutments and wingwalls shall be waterproofed. See Article 51.21 of the Standard Specifications.
 For backfill behind abutments' field of the top by superstructure, see Article 50.10 of the Standard Specifications.
 The Contractor shall drive one timber test pile as directed by the Engineer before ordering the remainder of the piles.
 Excavation for structures shall be considered as incidental to the contract unit price for Class X Concrete.

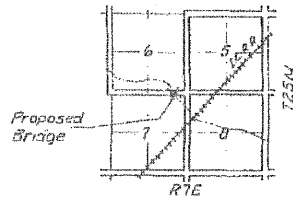


PLAN



BORING DATA

Qu = Unconfined compressive strength of the soil in tons per sq ft.
 W = Water content, % of dry weight.



LOCATION PLAN

TOTAL BILL OF MATERIAL

ITEM	SUPER	SUB	TOTAL
Removal of Existing Structures	Each	-	1
Precast Prestressed Concrete			
Bridge Deck	Sq. Ft.	1341	1341
Handrail Concrete	Cu Yds	2.3	2.3
Class X Concrete	Cu Yds	6.5	114.3
Reinforcement Bars	Lbs	1360	9840
Furnishing Untreated Piles up to 30'	Lin. Ft.	648	648
Test Piles (timber)	Each	1	1
Driving timber Piles	Lin. Ft.	648	648
None Plates	Each	1	1

SEC. 161-B-M.F.T.
 BUILT 1963 BY
 LIVINGSTON COUNTY
 LOADINGS H15-512
LETTERING FOR NAME PLATE
 Locate Name Plate at Southwest corner of bridge. See S'cd. 2113

WATERWAY DATA
 Drainage Area 11,200 Acres
 Present Opening 308 Sq. Ft.
 Required Opening (10 yr) 420 Sq. Ft.
 Proposed Opening 420 Sq. Ft.

DESIGN STRESSES
 Is = 20,000 p.s.i. (reinft)
 Is = 2,000 p.s.i. (super)
 Is = 1,000 p.s.i. (sub)
 Is = 14,000 #/strand (prestress cables)
 n = 10 (sub)
 v = 75 p.s.i. (boltings)
 Loading H15-512-44

Walter E. Hanson
 III Structural # 2586



053-3036
GENERAL PLAN & ELEVATION
 KESSLER BRIDGE SEC. 161-B-M.F.T.
 FAYETTE ROAD DISTRICT
 LIVINGSTON COUNTY
 STATION 4+00
 WALTER E. HANSON & COMPANY
 ENGINEERS-CONSULTANTS
 DATE: June 7, 1962 62-17c

DESIGNED	A.S.L.
CHECKED	M.G.B.
DRAWN	D.T.M.
CHECKED	D.A.B.

EXISTING PLANS
STRUCTURE NO. 053-3036

HAMPTON, LENZINI AND RENWICK, INC.
 CIVIL ENGINEERS - STRUCTURAL ENGINEERS - LAND SURVEYORS
 3085 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 217.546.3400 www.hlrengineering.com
 104.009599
 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION
 PROJECT NUMBER: 09.0125.130 DATE: 03/25/10

C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	08-00161-01-BR	LIVINGSTON	23	21
CONTRACT NO. 87452				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT BRS-0473(108)		