

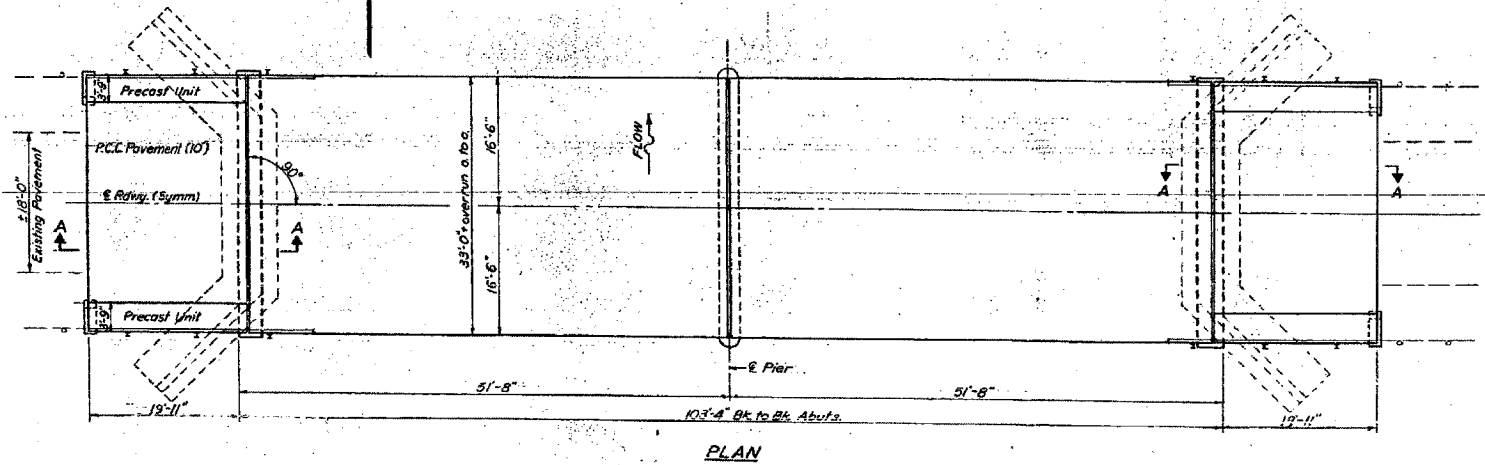
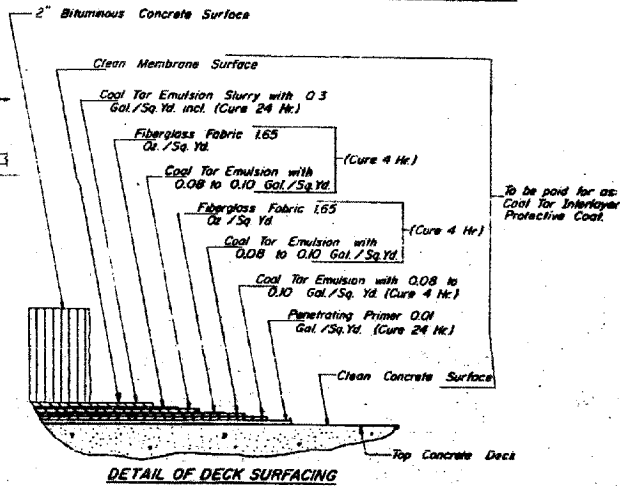
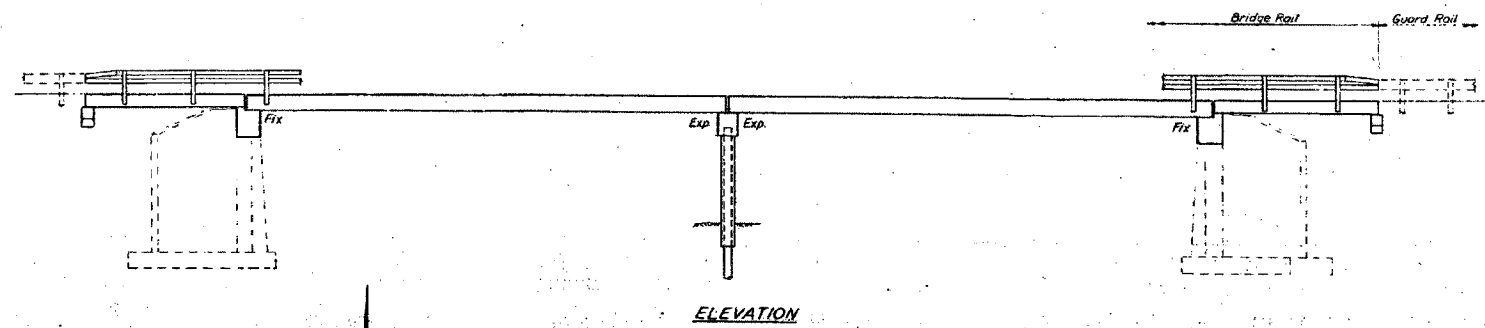


CONTRACT NO. 78028			
FAS RTE	SECTION	COUNTY	TOTAL SHEET NO.
899	BBR-2	SALINE	75 54
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

Built as S.B.I. Pl. 13, Sec. 8 B.D., Sta. 802+60, Year 1922
 Existing Structure: 100 Truss Superstructure (19'-0" Roadway)
 to be removed. No salvage value. Closed concrete
 abutments to remain in place. Existing Superstructure
 to be removed after Temporary Bridge and Detour Road
 are completed. Temporary Bridge shall be a 80 ft. four
 span bridge with a 2 1/2 ft. roadway H 20 Loading.

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

PROJECT NO.	SECTION	SHEET NO.	TOTAL SHEETS
884	SALINE	51	51



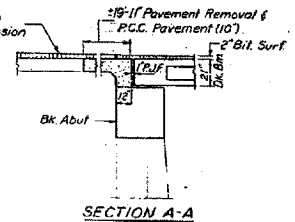
GENERAL NOTES
 All reinforcement bars shall be lapped 24 diameters unless otherwise shown.
 It shall be the responsibility of the Contractor to verify all dimensions and conditions existing in the field prior to construction and ordering of materials. An alternate strand pattern using Extra High Strength Prestressing strand (270 ksi) is permitted.
 Expansion bolts shall consist of self drilling expansion anchors and 3/4" hooked bolts. Hooked bolts shall extend a minimum of 12" into new concrete unless otherwise shown.
 Shoulder transition to wingwall shall be shaped with broken concrete.
 Cost incidental.
 Limits of Cool Tar Interlayer Protective Coat shall be back to back of abutments.
 Any excavation shall be incidental to Bridge Contract.

TOTAL BILL OF MATERIAL

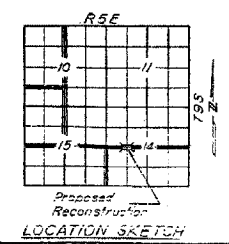
Item	Unit	Super	Sub.	Total
Pavement Removal	Sq Yds	80		80
Portland Cement Concrete Pavement (10')	Sq Yds	113		113
Fiberglass Fabric	Sq Yds	113		113
Concrete Removal	Cu Yds		18	18
Class X Concrete	Cu Yds		63.0	63.0
Precast Concrete Bridge Slab	Sq Ft.	299		299
Precast Prestressed Concrete Deck Beams (6')	Sq Ft.	3336		3336
Steel Rolling, Type N	Lin Ft	282		282
Reinforcement Bars	Lbs.		6260	6260
Removal of Existing Superstructures	Each	1		1
Cool Tar Interlayer Protective Coat	Sq Yds	379		379
Metal Shell Piles (12")	Lin Ft	400		400
Test Piles (Metal Shell)	Each	1		1
Temporary Bridge Complete	Each		1	1

WATERWAY INFORMATION
 Drainage Area - 27,350 Acres
 Character - Rolling, sand, clay, wooded & cultivated
 Opening - 116 Sq Ft
 Q(10) - 5000 CFS

DESIGNED	Jack Armstrong	EXAMINED	October 24, 1969
CHECKED	James Ponce	PASSED	
DRAWN	J.L. Armstrong	APPROVED	
CHECKED	JP		



DESIGN STRESSES
 FIELD UNITS
 Fc = 1400 psi. (super)
 Fc = 1000 psi. (sub)
 Fs = 20,000 psi. (reinf)
 Vc = 75 psi. (footing)
 n = 10
 PRECAST PRESTR. UNITS
 Ft = 5000 psi.
 Fci = 4000 psi.
 F's = 248,000 psi.
 Fai = 173,600 psi.



GENERAL PLAN & ELEVATION
 BANKSTON FORK
 S.B.I. RT 13 (ILL 13) SEC 8 BR
 SALINE COUNTY
 STA. 802+60

G-3 Truss Placement

ESCA
 CONSULTANTS, INC.

DESIGNED BY:	JMS	12/07
DRAWN BY:	HAS	12/07
CHECKED BY:	MTD	01/08
APPROVED BY:	RDP	01/08

FOR INFORMATION ONLY

EXISTING STRUCTURE PLANS
 FAS RTE 899 (OLD IL 13)
 SECTION 8BR-2
 SALINE COUNTY