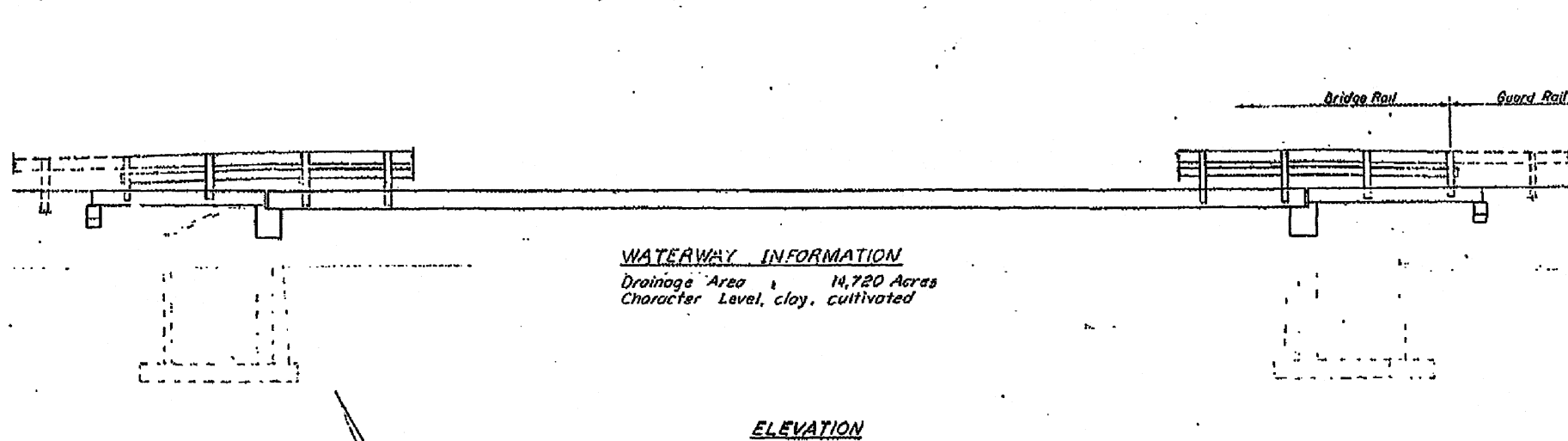


Built as S.B.I. RT.39, Section 11C, Station 5+25, Year 1928
 Existing Structure: Truss with concrete abutments.
 Superstructure 70'-0" long, 22'-0" wide.
 Temporary Structure required 24'-0" roadway, 35'-0" span (H.S. 20 loading).

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

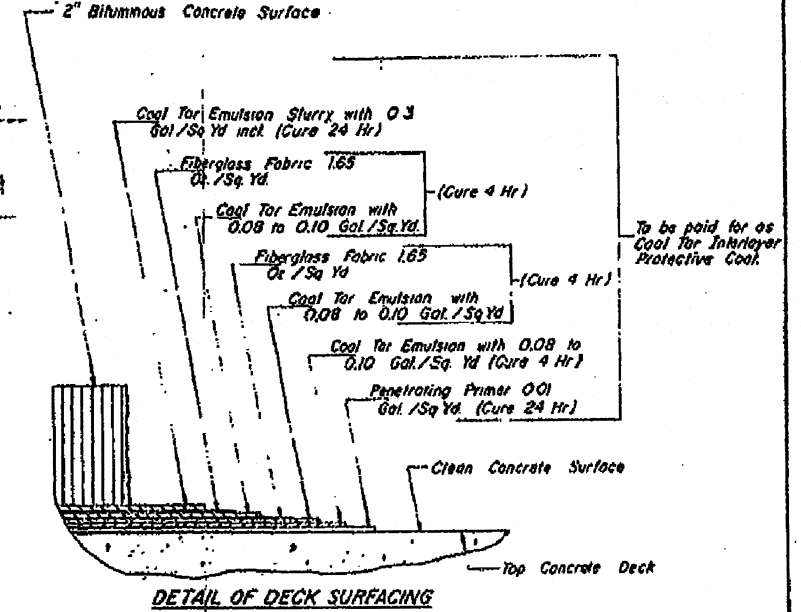
DATE	NO.	BY	DATE	NO.
1970	118R	PIATT	47	14

SHEET NO. 1
 5 SHEETS



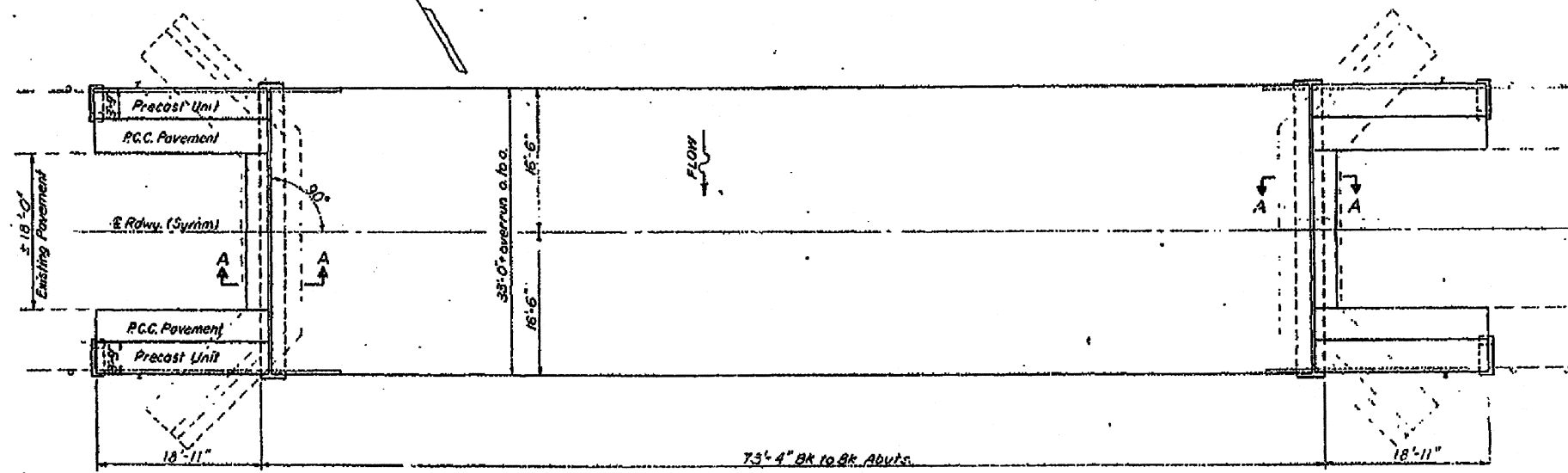
WATERWAY INFORMATION
 Drainage Area 14,720 Acres
 Character Level, clay, cultivated

ELEVATION



DETAIL OF DECK SURFACING

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 3/8" 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 Coal Tar Interlayer Protective Coat shall be back to back of abutments.
 Any excavation shall be incidental to Bridge Contract.

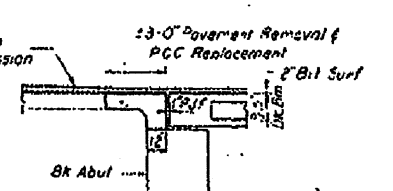


PLAN

TOTAL BILL OF MATERIAL

Item	Unit	Sub	Sup	Total
Portland Cement Concrete Pavement (10')	Sq Yds.	21		21
Pavement Fabric	Sq. Yds.	22		22
Concrete Removal	Cu. Yds.		23	23
Expansion Bolts (3/8")	Each	52		52
Close X Concrete	Sq. Yds.		22	22
Precast Concrete Bridge Sill	Sq. Ft.	200		200
Precast Prestressed Concrete Deck Beams (12')	Sq. Ft.	210		210
Steel Rolling, Type	Lin. Ft.	215		215
Reinforcement Bars	Lbs.		1323	1323
Pavement Removal & P.C.C. Replacement, Type 2 (10')	Sq. Yds.		1	1
Removal of Existing Superstructures	Each	1		1
Coal Tar Interlayer Protective Coat	Sq. Yds.	262		262
Temporary Bridge Construction	Each		1	1

DESIGNED: JDS
 CHECKED: R.P.S.
 DRAWN: J.L. Armstrong
 JANUARY 12, 1970
 EXAMINED: [Signature]
 PASSED: [Signature]
 APPROVED: [Signature]



SECTION A-A

DESIGN STRESSES
 FIELD UNITS
 Fc = 1400 psi (super)
 Fc = 1000 psi (sub)
 Fs = 20,000 psi (tend)
 Vc = 75 psi (floating)
 n = 10
 PRECAST PRESTR. UNITS
 Fc = 5000 psi
 Fc = 4000 psi
 Fs = 248,000 psi
 Fsi = 173,600 psi

LOADING HS 20-44

SHOWN FOR INFORMATION ONLY

GENERAL PLAN & ELEVATION
 S.B.I. RT.39 SEC. 118R
 PIATT COUNTY
 STATION 5+25