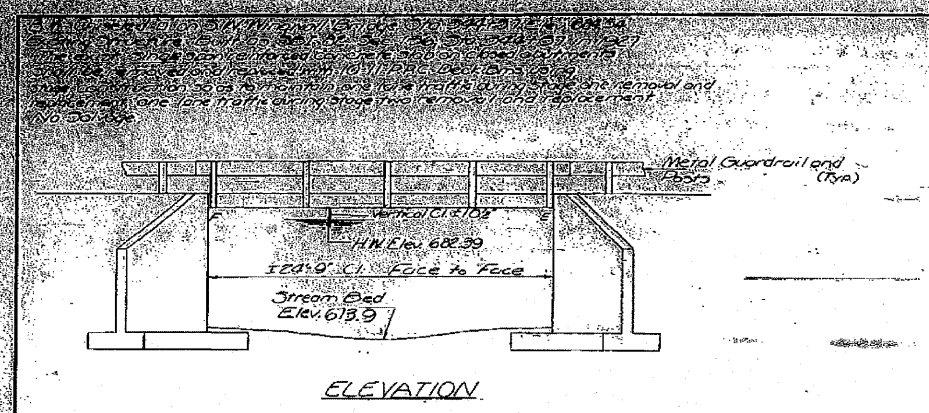


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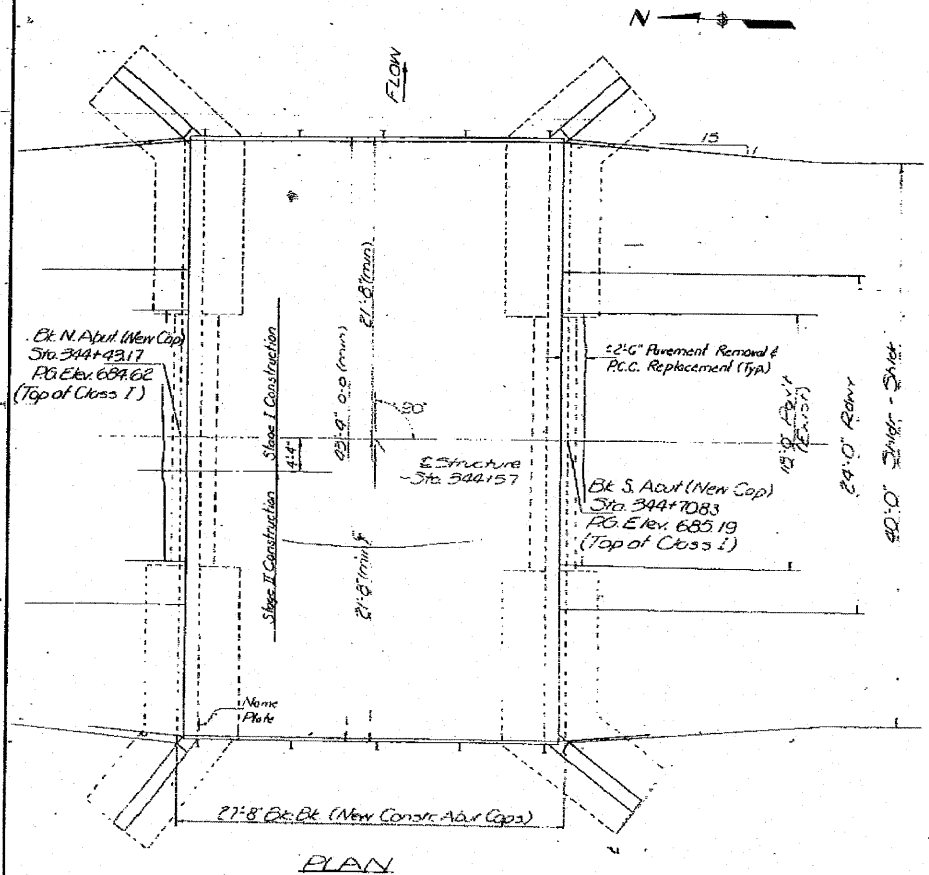
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Note:
Adequate struts shall be placed between the abutments before the existing superstructure is removed to prevent damage to abutments from unrestricted earth pressure. Cost incidental.

GENERAL NOTES

- All reinforcement bars shall be lapped 24 diameters unless otherwise shown.
- It shall be the responsibility of the contractor to verify all conditions and dimensions existing in the field prior to construction and marking of materials.
- Expansion joints shall consist of a drilled expansion anchor and a hooked bolt. Hooked bolts shall extend a minimum of 12" into the concrete unless otherwise shown.
- Protective Coats shall not be applied to surfaces to which Waterproofing Membrane System is applied.
- The top surface of the beams shall be finished in accordance with Article 308.06 of the standard specifications except that the surface shall not be roughened by brooming. The finished surface shall be free of depressions or high spots with sharp corners.



STATION 344+57
REBUILT 19 BY
STATE OF ILLINOIS
S.B.I. RT.2 SEC 13&8R
LOADING HS 20

NAME PLATE
See Std. 2113

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub	Total
Continuous Concrete Surface Course Class 1	Sq Yds	16		16
Concrete Formwork	Sq Yds	4		4
Expansion Joints 24"	Each	20		20
Class 1 Concrete	Cu Yds	176	120	296
Precast Prestressed Concrete Deck Beams (112)	Sq Yds	112		112
Steel Reinforcing Bars	Lbs	54		54
Reinforcement Bars	Lbs	70	140	210
Removal of Existing Superstructures	Each	1		1
Protective Coats	Sq Yds	9		9
Waterproofing Membrane System	Sq Yds	121		121
Name Plates	Each			1
Formwork Guardrail	Lbs	8		8
Removal of P.C.C. Replacement Type 2	Sq Yds	10		10

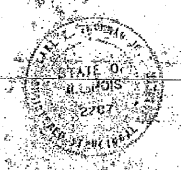
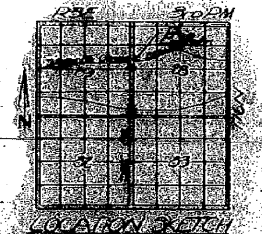
WATERWAY INFORMATION
 Drainage Area: 1800 Acres
 Character: Rolling Pasture & Cultivated
 Present Opening: 180.30 Ft
 Road Opening: 180.30 Ft
 Prop. Opening: 180.30 Ft
 (2) 0

DESIGN STRESSES
FIELD UNITS
 F = 1400 psi (Curb)
 A = 1000 psi (Sub)
 R = 20000 psi (Reinf.)
 0.10

PRECAST/PRESTRESSED
 R = 5000 psi
 R = 4000 psi
 F = 20000 psi (1/4" Strands)
 F = 180000 psi (1/2" Strands)

LIVING

Allow for Future Wearing Surface of CS Lbs/30 Ft
 Design Specifications 1978 WASHO
 (as applicable)
LOADING HS 20-44



GENERAL PLAN AND ELEVATION
 S.B.I. RT. 2 SEC. 13 & 8 R.
 HENRY COUNTY
 STATION 344+57

DESIGNED: *Marc Kinsky*
 CHECKED: *James Pencil*
 DRAWN: *Ferruccio*
 CHECKED: *JP*

MARCH 26 1974
Henry R. Hinkle