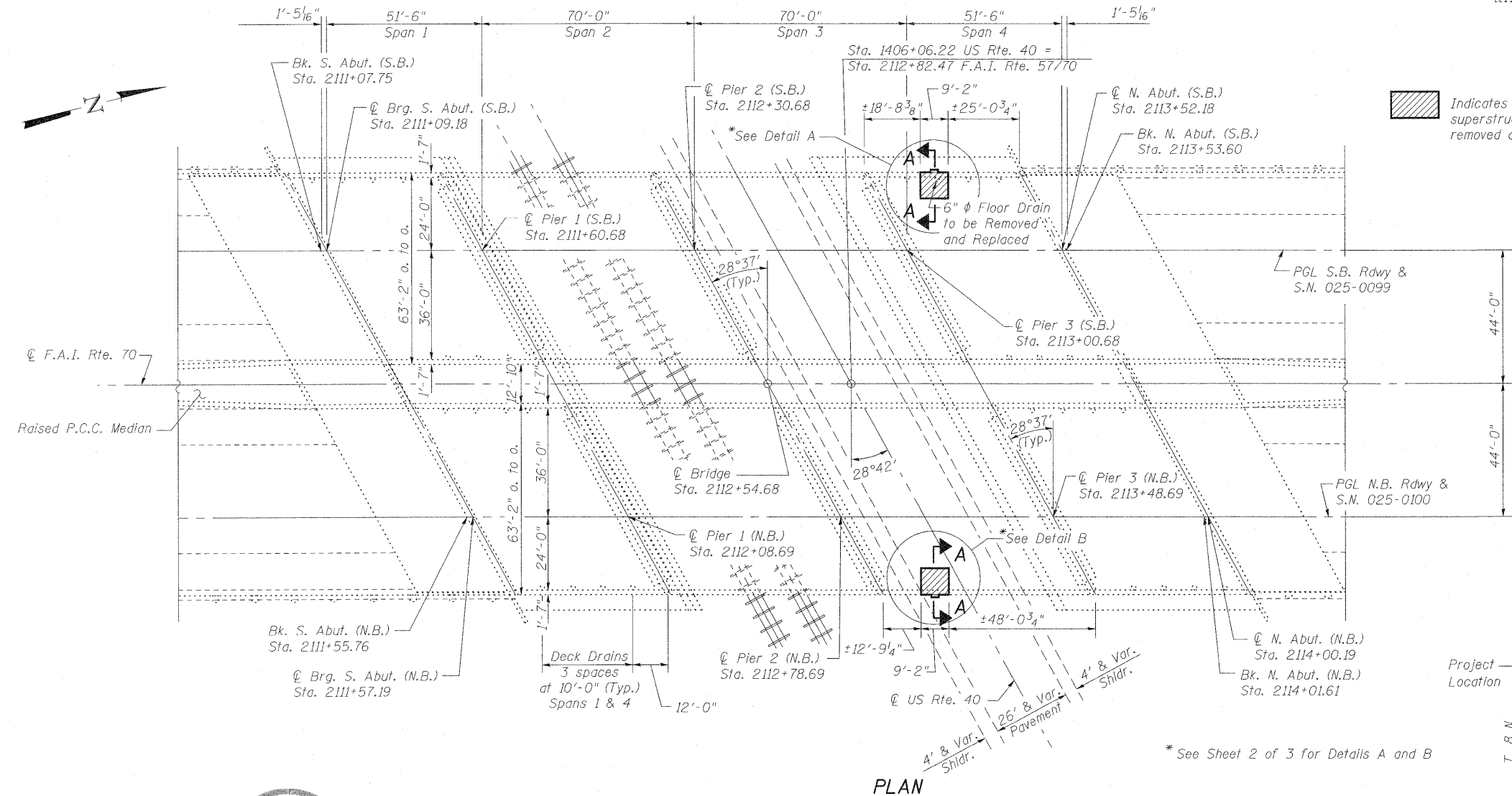
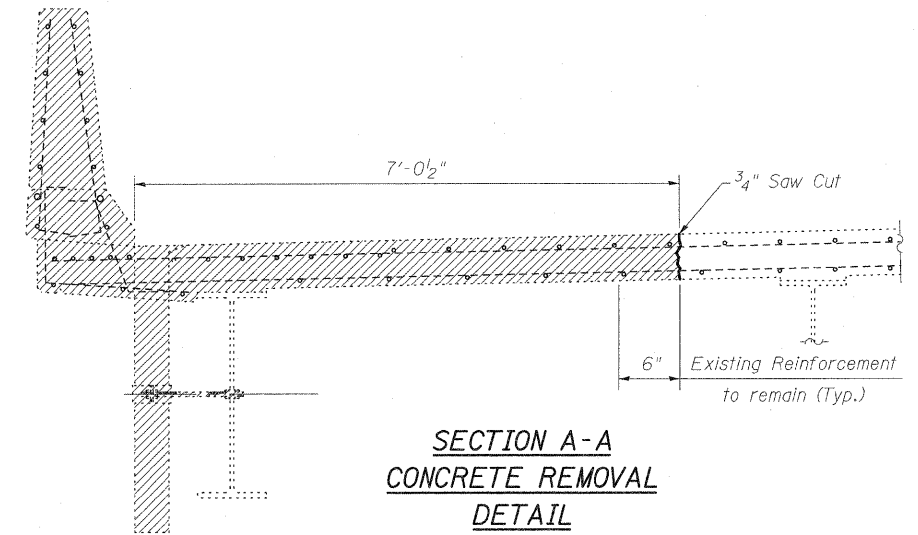
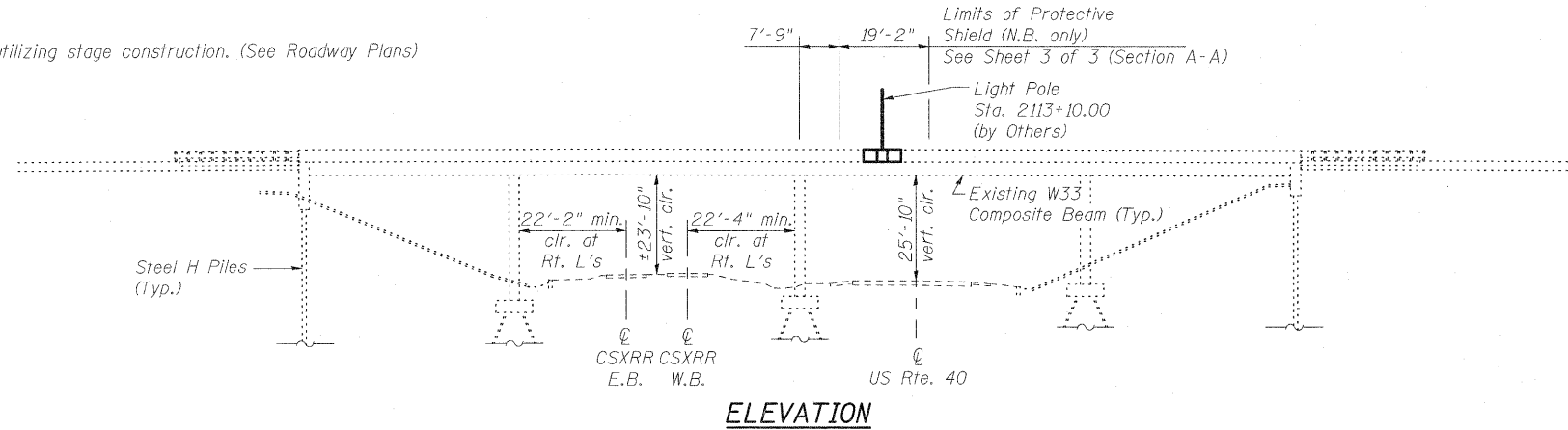


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Existing Structure:
S.N. 025-099(SB)/0100(NB); built in 2004 are dual structures consisting of four continuous spans supported on pile supported multi-column piers and integral abutments. The superstructures are reinforced concrete decks that are composite with W33 beams.

Traffic shall be maintained by utilizing stage construction. (See Roadway Plans)

No Salvage



Indicates existing concrete superstructure to be removed and replaced

TOTAL BILL OF MATERIAL

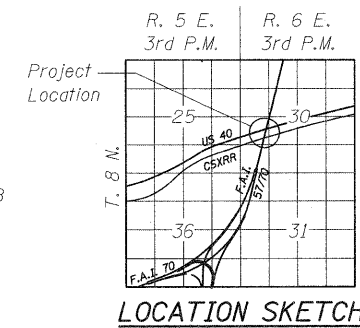
ITEM	UNIT	TOTAL
Concrete Removal	Cu. Yd.	6.5
Protective Shield	Sq. Yd.	20
Floor Drains	Each	1
Concrete Superstructure	Cu. Yd.	7.2
Protective Coat*	Sq. Yd.	26.4
Reinforcement Bars, Epoxy Coated	Pound	2050
Mechanical Splicers	Each	204

* New concrete only

LOADING HS-20-44 & ALT
Allow 50#/sq. ft. for future wearing surface.

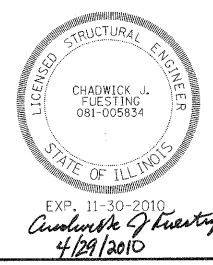
DESIGN STRESSES

- FIELD UNITS**
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
- EXISTING STRUCTURE**
f'c = 3500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)
fy = 36,000 psi (M270 Grade 36)



**GENERAL PLAN & ELEVATION
F.A.I. ROUTE 57/70 OVER
U.S. ROUTE 40 & CSXRR
STATION 2112+54.68
S. N. 025-0099 (S.B.)
S.N. 025-0100 (N.B.)**

DESIGNED	B.B.
CHECKED	C.J.F.
DRAWN	S.G.K.
CHECKED	C.J.F. & B.B.



Illinois Design Firm Number 184.001670



SHEET NO. 1 4 SHEETS	F.A.I. RTE. 70	SECTION (25-3)R, BY	COUNTY EFFINGHAM	TOTAL SHEETS 1416	SHEET NO. 424
	SN 025-0099 & 025-0100		CONTRACT NO. 74296		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					

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