

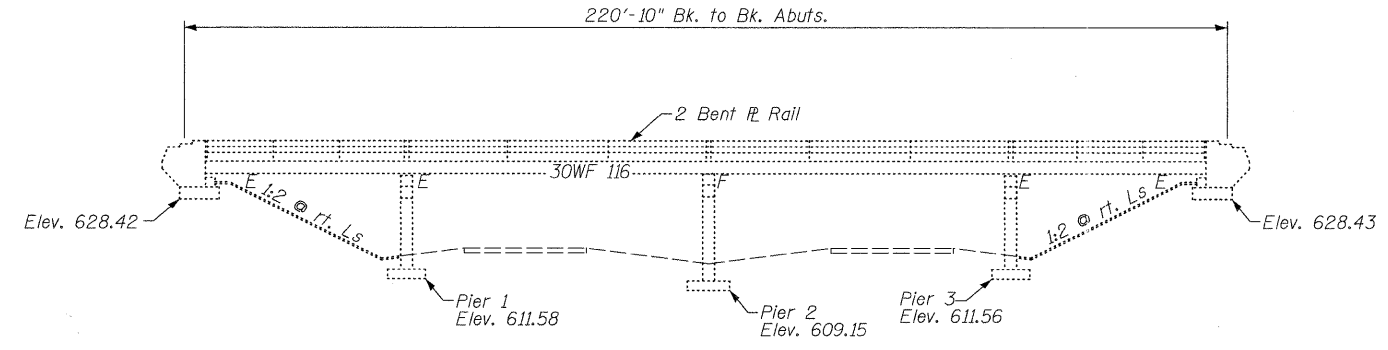
Existing Structure: SN 050-0130, originally built in 1961. The existing structure consists of 4 continuous non-composite steel spans. 220'-10" Bk to Bk of Abutments and 29'-8" out to out of deck, on spread footing piers and pile supported abutments. Traffic will be maintained utilizing a detour.

PROPOSED WORK

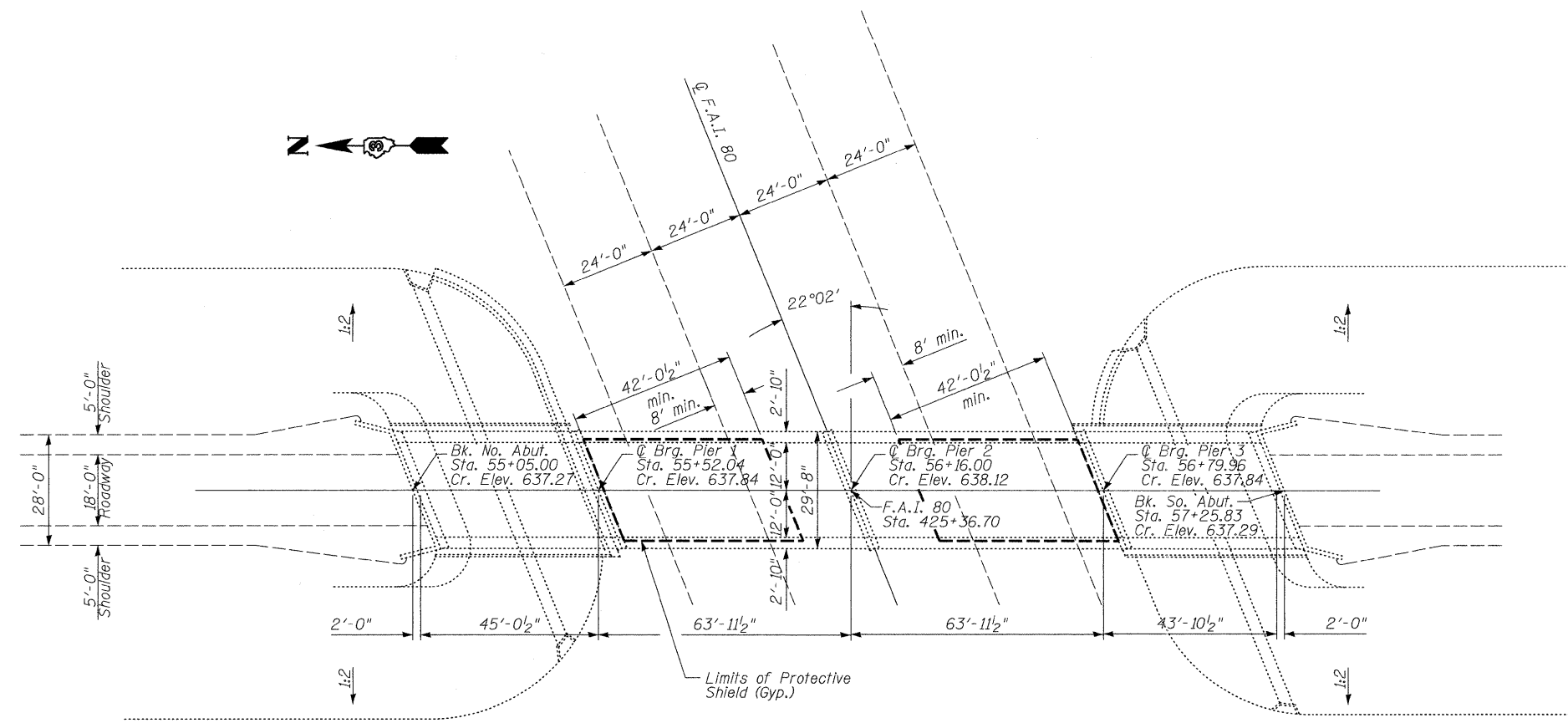
Structure: S.N. 050-0130
1. Full and Partial Depth Deck Patching

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.



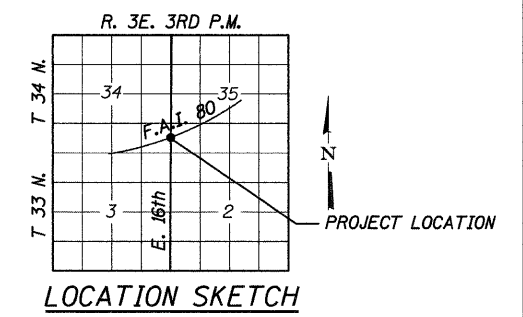
ELEVATION



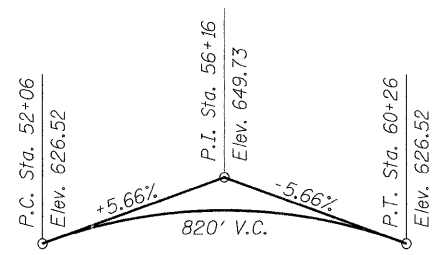
PLAN

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Protective Shield	Sq. Yd.	274	--	274
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	11.0	--	11.0
Deck Slab Repair (Partial)	Sq. Yd.	71.9	--	71.9



LOCATION SKETCH



PROFILE GRADE

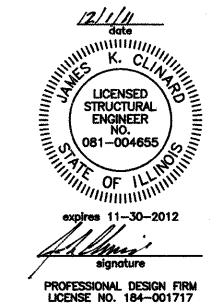
(Along Transit Line)

DESIGN STRESSES (EXISTING CONSTRUCTION)

Concrete: $f'_c = 3,500$ psi
Reinforcement: $f_s = 20,000$ psi
Structural Steel: $f_y = 33,000$ psi
Design Loading: H15-S12-44
Design Specifications: AASHTO 1961

DESIGN STRESSES (NEW CONSTRUCTION)

Concrete: $f'_c = 3,500$ psi
Reinforcement: $f_s = 60,000$ psi
Design Loading: H15-S12-44
Design Specifications: AASHTO 2002 & Interims



GENERAL PLAN & ELEVATION
T.R. 284 (E. 16th) OVER F.A.I. RT. 80
SECTION 50-3 HB-3
LASALLE COUNTY
STATION 425+36.70
STRUCTURE NO. 050-0130

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	150-2,41RS-5 & 150-3RS-6	LASALLE	109	71
			CONTRACT NO. 66A48	

CHAMLIN & ASSOCIATES, INC. PERU, ILLINOIS

FILE NAME = 0500130-66A48-GENPLAN-001.DGN	USER NAME =	DESIGNED - JKC	REVISED -
PLOT SCALE =	PLOT DATE =	CHECKED - AJO	REVISED -
		DRAWN - ARR	REVISED -
		CHECKED - JKC	REVISED -