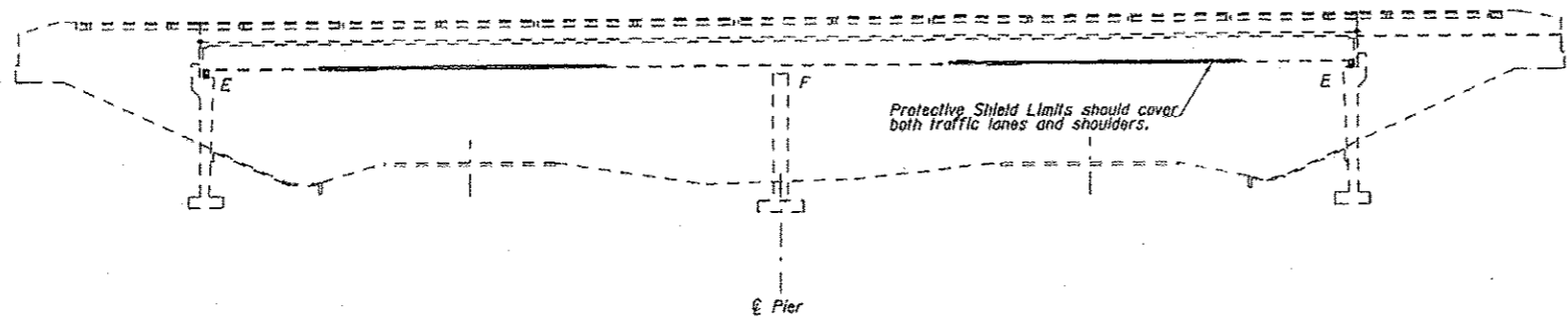


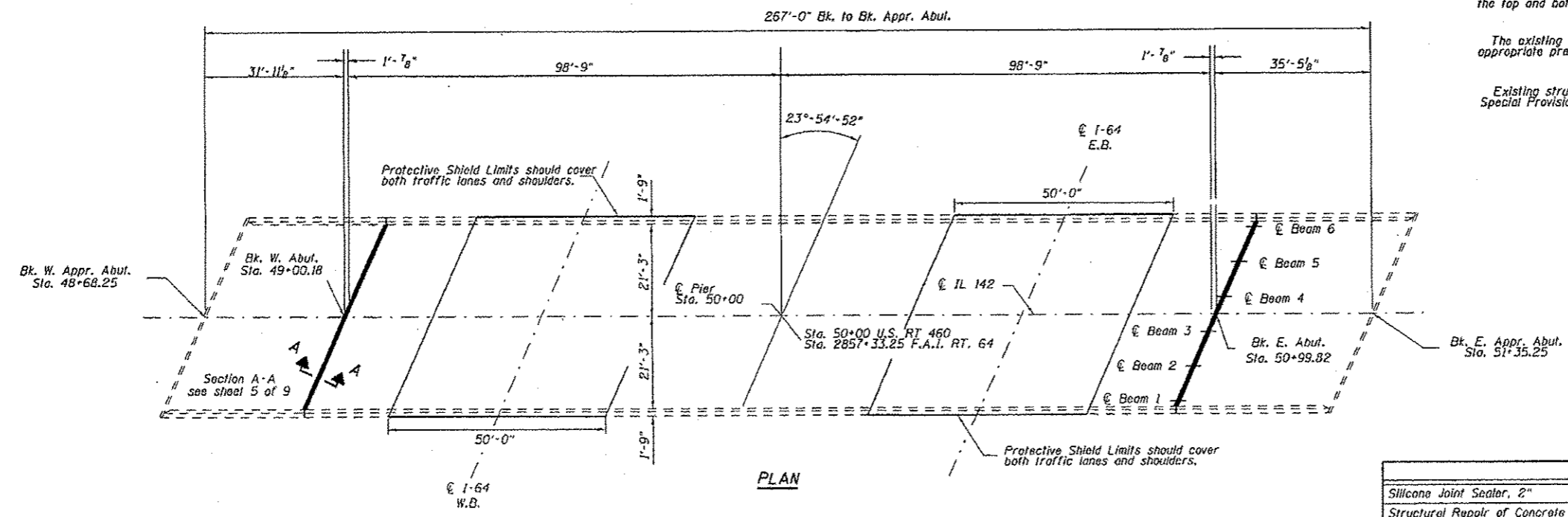


GENERAL NOTES

- No field welding is permitted except as specified in the contract documents.
- 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.
- The removal of the existing neoprene joint, sawing and accessories shall be included in the cost of Silicone Joint Sealer, 2".
- All structural steel shall be shop primed with inorganic zinc primer per AASHTO M300, Type I. Cost included with Furnishing and Erecting Structural Steel.
- If the analysis submitted to the Contractor for the jacking/temporary support system to be used show temporary stiffeners are required to prevent web crippling or buckling, the stiffeners shall be steel and bolted to the web. If stiffeners are not required, hardwood timbers shall be installed tightly between the top and bottom flange to prevent flange rotation.
- The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- Existing structural steel shall only be cleaned and painted as required by the Special Provision "Cleaning and Painting Adjacent Areas of Existing Steel Structures".



ELEVATION



PLAN

DESIGN STRESSES

- FIELD UNITS (New Construction)**
- $f'_c = 3,500 \text{ psi}$
 - $f_y = 50,000 \text{ psi}$ (AASHTO M270 Gr. 50)
 - $f_y = 36,000 \text{ psi}$ (AASHTO M270 Gr. 36)
- FIELD UNITS (Existing Construction)**
- $f'_c = 1,200 \text{ psi}$ (deck slab)
 - $f'_c = 1,400 \text{ psi}$ (curb, parapet, sub.)
 - $f_y = 20,000 \text{ psi}$ (structural steel)
 - $n = 10$



David Carl Puzey 6/26/12
Expires 1/30/12

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Silicone Joint Sealer, 2"	Foot	97
Structural Repair of Concrete (Depth \leq 5")	Sq. Ft.	630
Deck Slab Repair (Partial)	Sq. Yd.	43.2
Polymer Concrete	Cu. Ft.	6.7
Protective Shield	Sq. Yd.	515
Elastomeric Bearing Assembly Type I	Each	12
Anchor Bolts, 1/4"	Each	24
Jack and Remove Existing Bearings	Each	12
Furnishing and Erecting Structural Steel	Pound	2530

BRIDGE REPAIRS
FAP 849 (IL. 142) OVER FAI 64
JEFFERSON COUNTY
STA. 2857+33.25
S.N. 041-0062

FILE NAME	USER NAME	DESIGNED	RAW	REVISED		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cd:\pwwork\spidat\walkerr\0300302178388.tbl	landign	DRAWN	RAW	REVISED			SCALE:	SHEET 4	OF 9 SHEETS	STA.	TO STA.	JEFFERSON	9	4
		CHECKED	TWH	REVISED								CONTRACT NO. 78300		
		DATE	4/10/2012	REVISED								ILLINOIS FED. AID PROJECT		