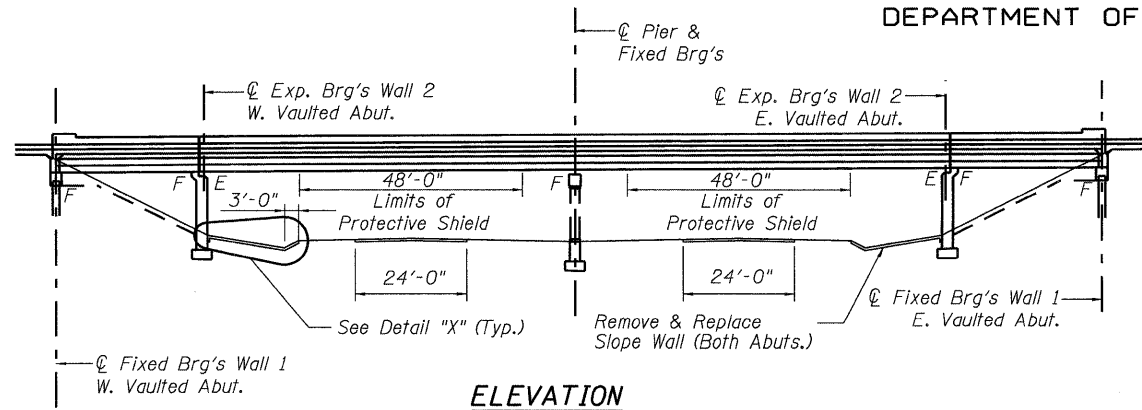


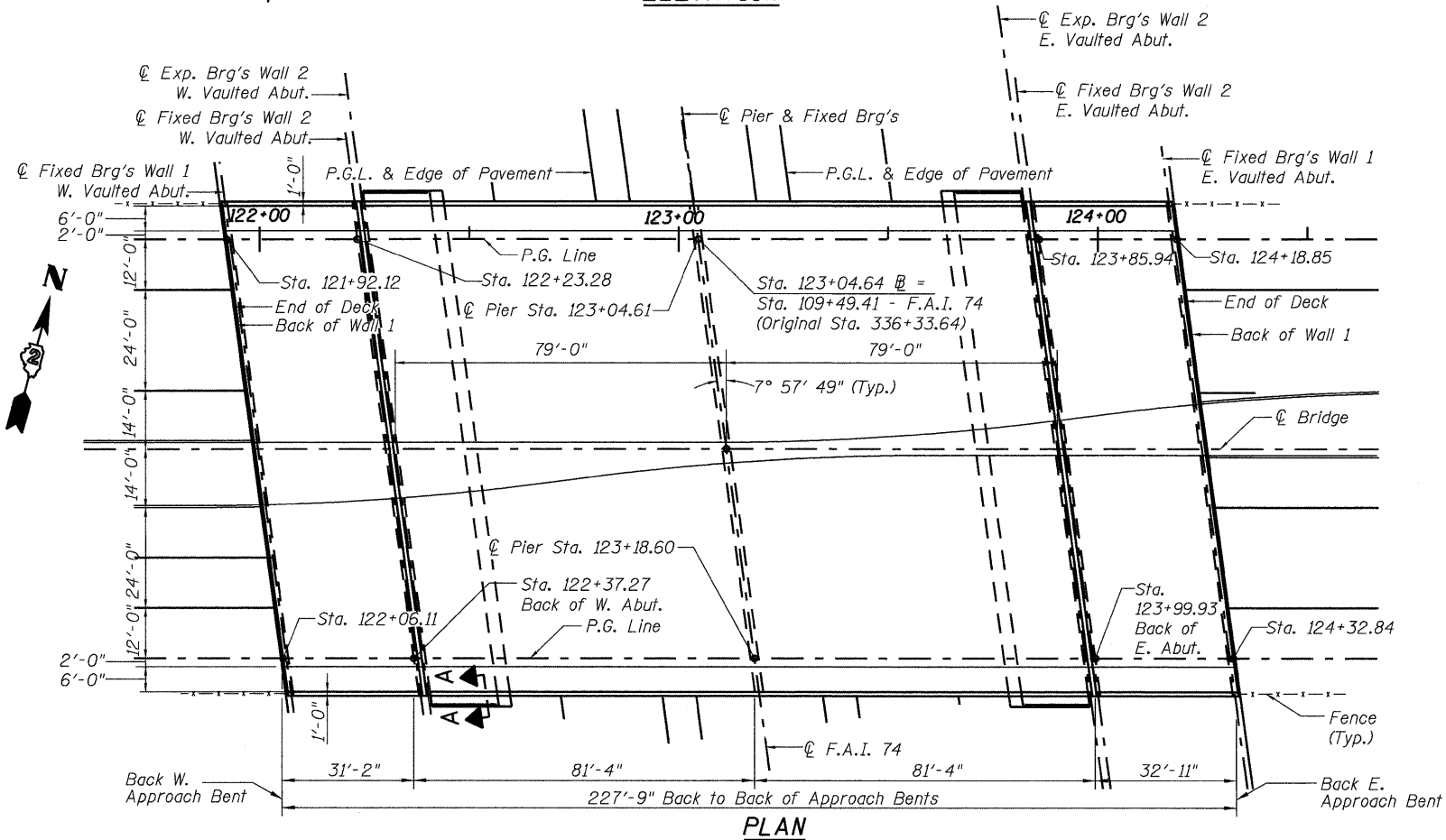
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	DATE	SHEET	SHEET NO.
FAI 74	*	ROCK ISLAND	246	188	11 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

\* 81 (1-2, 1, 2-2) RS-1 & M



ELEVATION



PLAN

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Polymerized HMA Surface Course Mix "E", N 90	TON	348
Concrete Removal	CU.YD.	27.3
Slope Wall Removal	SQ.YD.	554
Protective Shield	SQ.YD.	1179
Concrete Superstructure	CU.YD.	27.3
Reinforcement Bars, Epoxy Coated	POUND	3770
Bar Splicers	EACH	44
Slope Wall (4 inch)	SQ.YD.	554
Waterproofing Membrane System	SQ.YD.	2340
Silicone Joint Sealer	FOOT	234
Preformed Joint Strip Seal	FOOT	240
Structural Repair of Concrete (Depth >5")	SQ.FT.	162
Bridge Deck Scarification	SQ.YD.	2330
Deck Slab Repair (Full Depth Type II)	SQ.YD.	3
Deck Slab Repair (Partial Depth)	SQ.YD.	27
Diamond Grinding (Bridge Section)	SQ.YD.	2340

GENERAL NOTES

- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars shall conform to the requirements of ASTM A706 Grade 60. See Special Provisions.
- Reinforcement bars designated (E) shall be epoxy coated.
- 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 work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and all other loose, potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.
- Quantities of Deck Slab Repair (Full Depth, Type II), and Deck Slab Repair (Partial Depth) are approximated and are intended for sidewalk only. Locations along the sidewalk will be determined by the resident Engineer. Actual repair locations shall be shown on the as-built plans.
- The existing structural steel coating contains lead. The contractor shall take appropriate precautions to deal with the presence of lead on this project.
- Joint openings shall be adjusted according to article 520.04 of the standard specifications when the deck is poured at an ambient temperature other than 50° F.
- Existing reinforcement bars extending into the removal areas shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with approved bar splicer or anchorage system. Cost included with concrete removal.

Note:  
For Section A-A, Detail "X" & Bridge Sidewalk Repair see Sheet 3 of 11.

DESIGNED	DFM
CHECKED	DSG
DRAWN	EBS
CHECKED	DFM

STATE OF ILLINOIS  
DAVID  
F. MAXWELL  
081-005455  
ST. LOUIS, MO.  
LICENSED STRUCTURAL ENGINEER

David F. Maxwell, S.E.      Reg. No. 081-005455  
Date: 11/21/08  
My registration expires November 30, 2010.

PLAN AND ELEVATION  
23RD AVE. OVER F.A.I. 74  
ROCK ISLAND COUNTY  
STRUCTURE NO. 081-0105