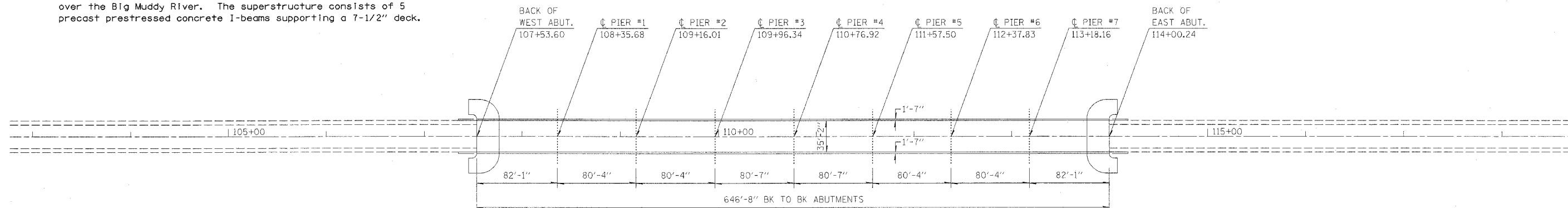


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726		JEFFERSON	10	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



D-T JOINT REPAIRS 2005-1

Structure 041-0096 was constructed in 1980 as an 8 span bridge over the Big Muddy River. The superstructure consists of 5 precast prestressed concrete I-beams supporting a 7-1/2" deck.



PLAN

GENERAL NOTES

Prior to pouring the new concrete deck, all loose rust, loose mill scale, and other loose potentially detrimental foreign material shall be removed from the surfaces of the beams or girders in contact with concrete. The cost of this work will be included in the pay item covering removal of the existing concrete. All heavy rust and other tightly adhered potentially detrimental foreign matter shall be removed from the surfaces of the beams or girders in contact with concrete. Tightly adhered paint may remain unless otherwise noted. This removal shall be accomplished by methods that will not damage the steel. The cost of the work will be paid for according to Article 109.04 of the Standard Specifications.

The Contractor shall use extreme care during concrete removal so as not to damage the PPC I-Beams.

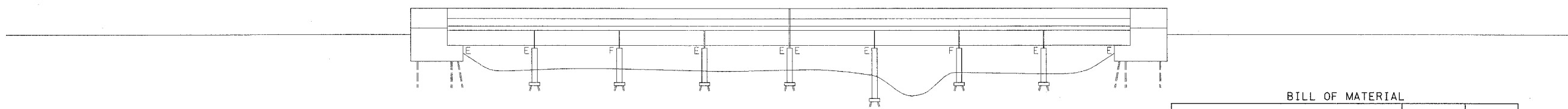
The removal and reinstallation of the first section of guardrail at each abutment to allow construction of the neoprene expansion joint shall be included in the contract unit price for concrete superstructure.

Reinforcement bars shall conform to the requirements of AASHTO M-31, OR M322 Grade 60.

Plan dimensions and details relative to the existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the contractor's responsibility to verify such dimensions and details in the field 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 the scope of the work; however, the contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Existing reinforcement bars shall be cleaned and ^{STRAIGHTENED} incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal operations shall be replaced using an approved bar splicer or anchorage system (cost included in CONCRETE REMOVAL).

Joint openings shall be adjusted according to Article 503.10(c) of the STANDARD SPECIFICATIONS when the deck is poured at an ambient temperature other than 50 degrees Fahrenheit.



ELEVATION

BILL OF MATERIAL

Concrete Removal	CU YD	34.1
Neoprene Expansion Joint 2 1/2"	FOOT	68
Neoprene Expansion Joint 4"	FOOT	34
Concrete Superstructure	CU YD	34.1
Reinforcement Bars, Epoxy Coated	POUND	6296
Relocating Name Plates	EACH	1
Bar Splicers	EACH	40

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**GENERAL PLAN
AND ELEVATION
STR #041-0096**

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

steffemk
 3/29/2005
 c:\projects\74073\d05404pa.dgn
 GP

PLOT DATE = 3/29/2005
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 REFERENCE = #REF#