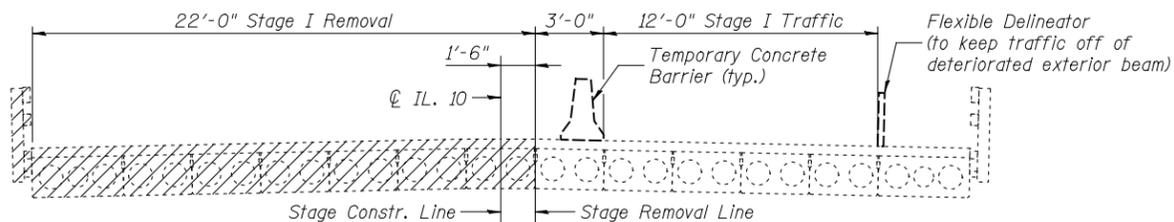


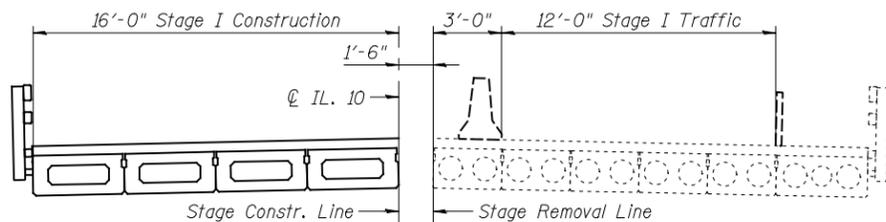
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHEET 2  
OF 10

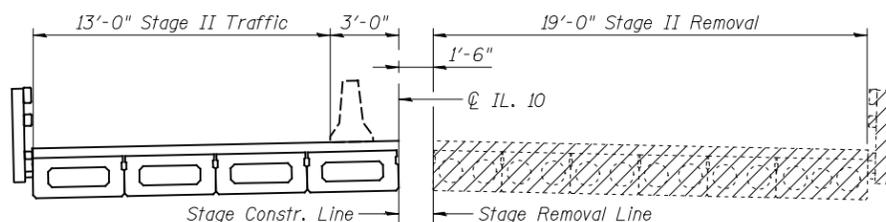
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
721	(115BR-1)BR	PIATT	32	13
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			CONTRACT NO. 70433	



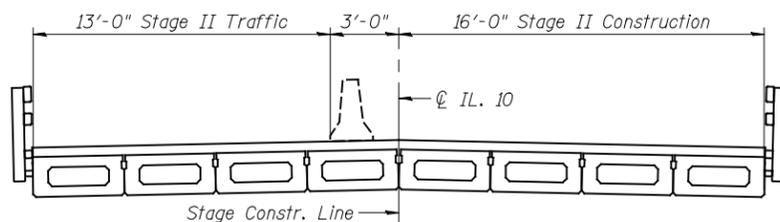
**STAGE I REMOVAL**  
(Looking East)



**STAGE I CONSTRUCTION**  
(Looking East)



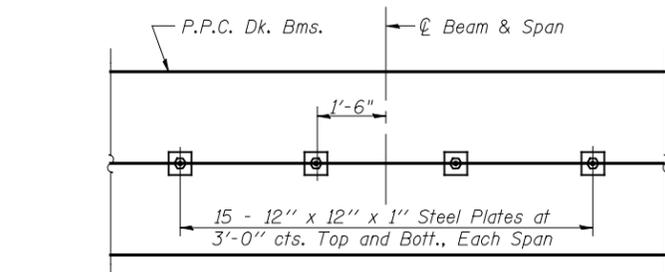
**STAGE II REMOVAL**  
(Looking East)



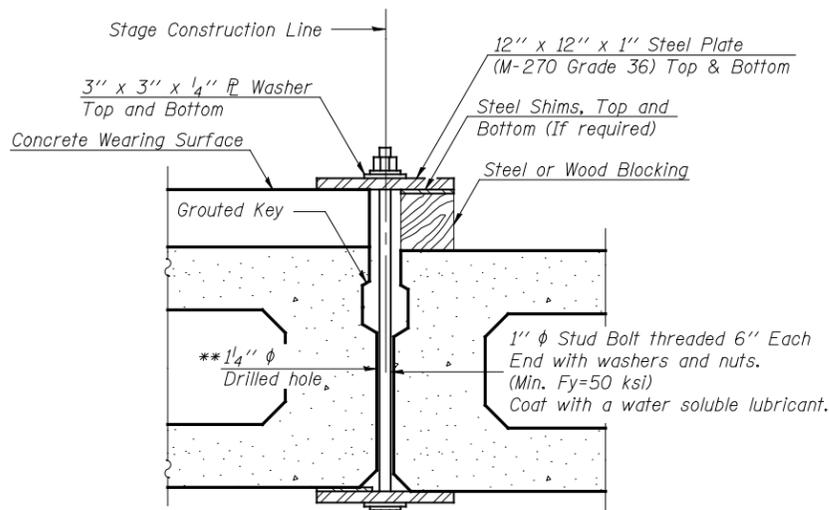
**STAGE II CONSTRUCTION**  
(Looking East)

**NOTES:**

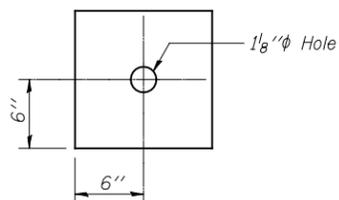
Hatched area indicates Removal of Existing Superstructures.  
Removal of existing wearing surface is included with Removal of Existing Superstructures.  
Removal of existing railing is included with Remove and Re-erect Existing Bridge Rail.  
For quantity and location of Temporary Concrete Barrier, see Roadway Plans.



**PLAN**



**SECTION**



**CLAMPING PLATE**

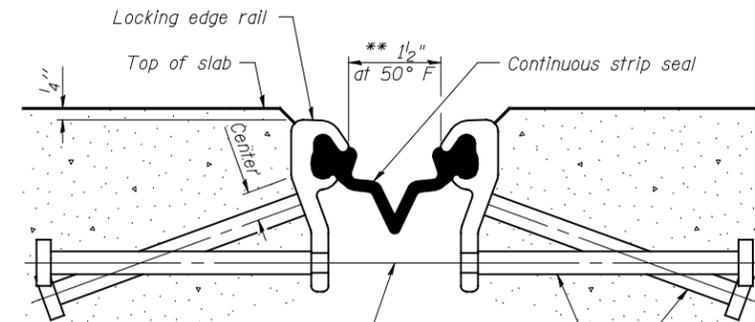
**SHEAR KEY CLAMPING DETAILS AT STAGE CONST. JT.**

Cost included with Precast Prestressed Concrete Deck Beams.  
See Stage Construction Details for traffic lanes.

\*\* As an alternate to the drilled holes, the Contractor may request the Fabricator to cast 2" diameter semi-circular recesses in the sides of each beam adjacent to the stage construction line. These recesses should align to form a hole at the appropriate locations for the clamping device bolts. If the Contractor elects to use this alternate, the details shall be identified on the shop drawings.

\* Omit weld at seal opening.

\*\* When joint is fixed, dimension is set at 1/2".

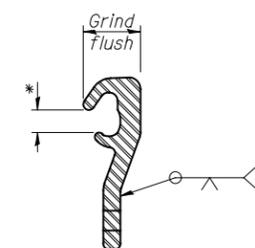


7/16" φ holes at 4'-0" cts. for 3/8" φ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.  
Place 1/2" φ x 6" granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded at 1'-0" alt. cts.

**SECTION THRU STRIP SEAL JOINT FOR OVERLAY OVER DECK BEAMS**



**LOCKING EDGE RAIL**



**LOCKING EDGE RAIL SPLICE**

**Notes:**

The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails.

The height and thickness of the Locking Edge Rails shown are minimum dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed.

The inside of the Locking Edge Rail groove shall be free of weld residue. Locking Edge Rails may be spliced at slope discontinuities and stage construction joints.

The manufacturer's recommended installation methods shall be followed.

**STAGE CONSTRUCTION AND STRIP SEAL JOINT DETAILS**

ILLINOIS 10 OVER  
MADDEN CREEK  
FAP ROUTE 721 SECTION (115BR-1)BR  
PIATT COUNTY  
STATION 1210+89.58  
STRUCTURE NO. 074-0005

**JD** Johnson, Depp & Quisenberry  
CONSULTING ENGINEERS  
Springfield, Illinois

DESIGNED: JDQ	DRAWN: SJS
CHECKED: DCD	CHECKED: DCD

FILE: J:\JDO\110149 IL-10 Madden Creek\1-Madden Creek\10stageconst.dgn  
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DATE: 06/13/2008 19:38:25