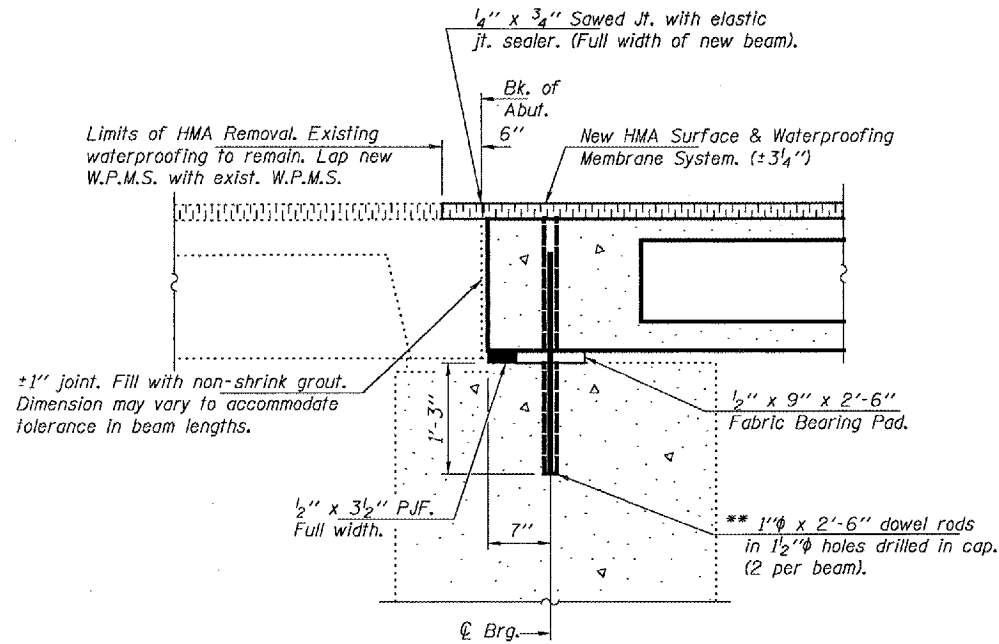


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 645		MARSHALL	9	8
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 3  
4 SHEETS

Contract Number: 68696



**SECTION THRU ABUTMENTS**

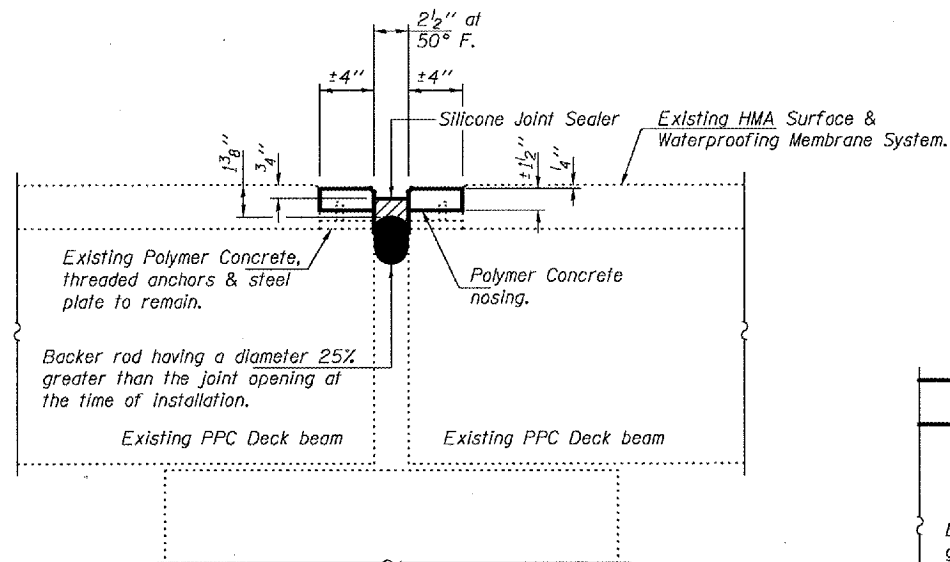
±1" joint. Fill with non-shrink grout. Dimension may vary to accommodate tolerance in beam lengths.

1/2" x 3/2" PJF. Full width.

1/2" x 9" x 2'-6" Fabric Bearing Pad.

\*\* 1"Ø x 2'-6" dowel rods in 1/2"Ø holes drilled in cap. (2 per beam).

\*\* Existing dowel rods are to be burned off, ground flush, and sealed with epoxy prior to placement of new beams. Cost included in Removal of Existing PPC Deck Beams. After beams have been erected, holes shall be drilled into cap and dowel rods placed. Dowel holes shall be filled with non-shrink grout to top of beam and allowed to cure a minimum of 24 hours prior to grouting the shear keys.

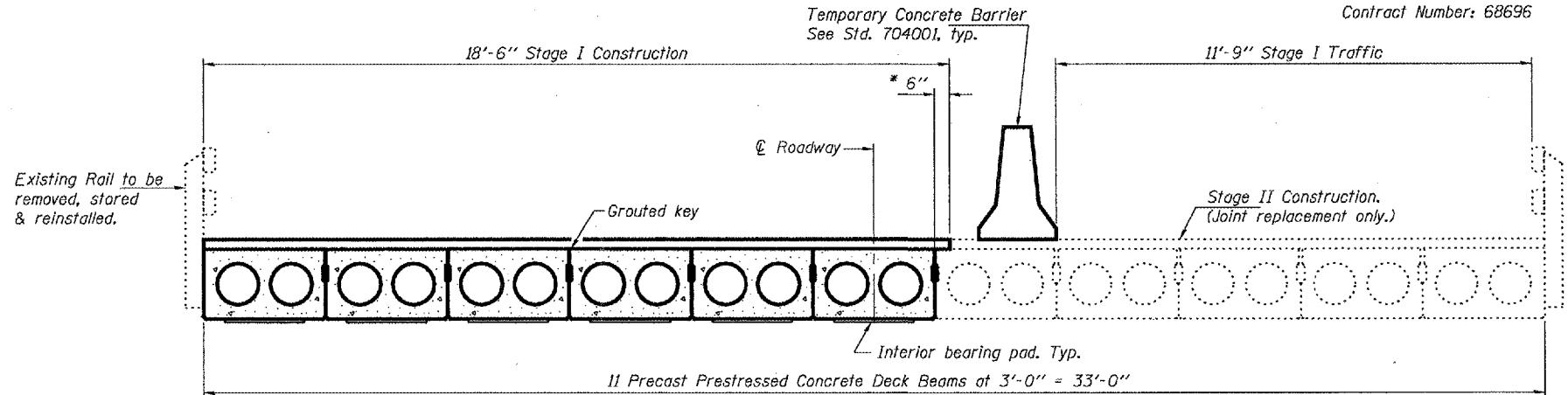


**SECTION A-A**

DESIGNED	VHV
CHECKED	SJB
DRAWN	balliva
CHECKED	VHV SJB

December 4, 2006

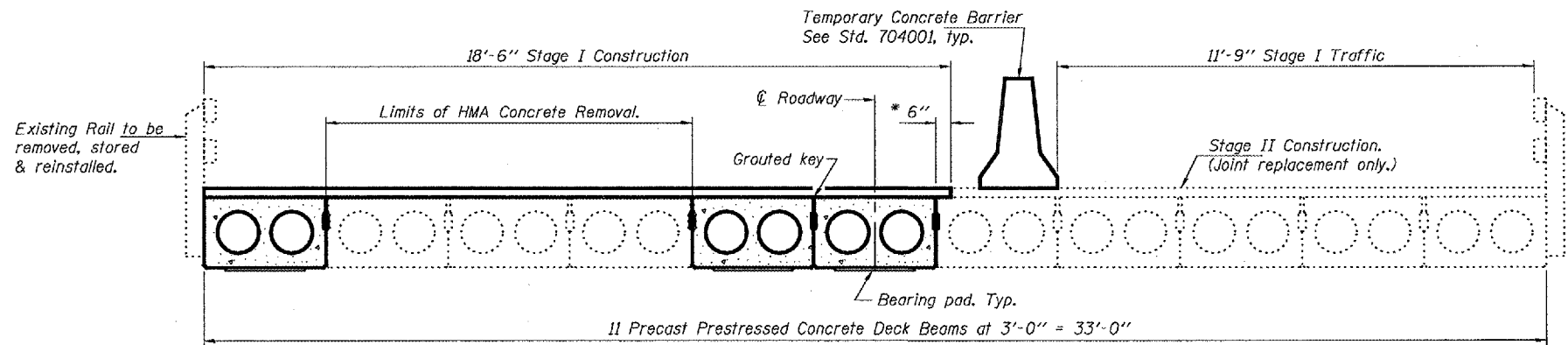
EXAMINED *John A. Morris*  
ENGINEER OF STRUCTURAL SERVICES  
PASSED *Ralph E. Anderson*  
ENGINEER OF BRIDGES AND STRUCTURES



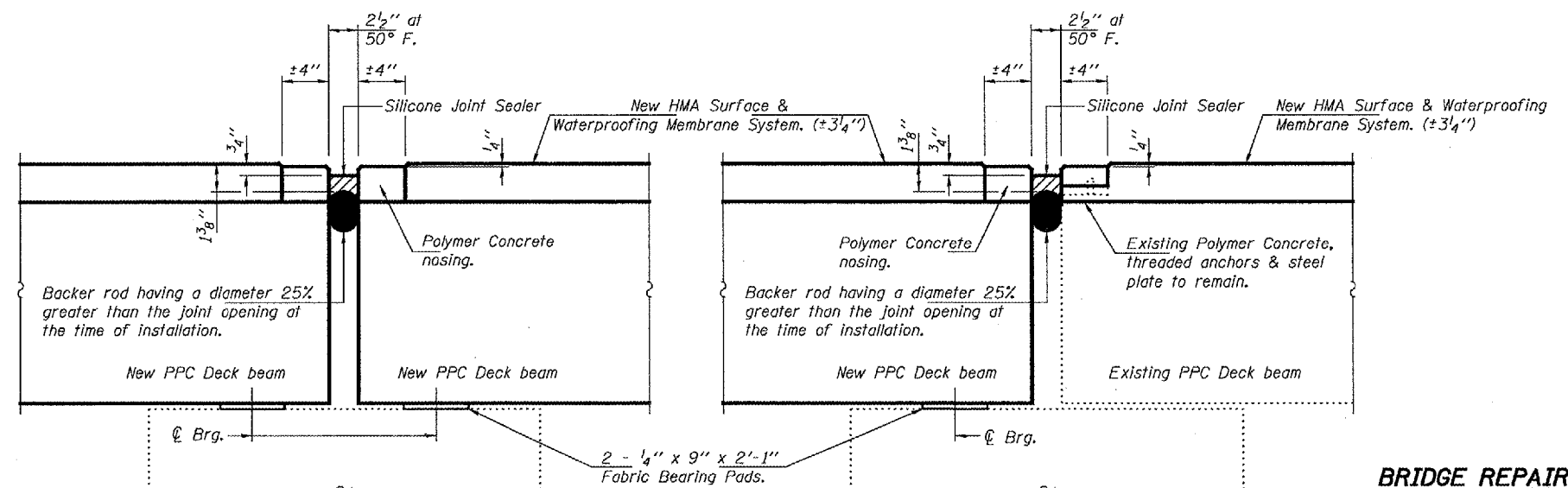
**CROSS SECTION - SPAN 1**  
(Looking West)

HMA removal over removed beam is included in cost of Removal of Existing PPC Deck Beams.

\* Limits of HMA Concrete Removal at beam 6. Existing waterproofing to remain. Lap new waterproofing membrane system with existing waterproofing.



**CROSS SECTION - SPAN 2**  
(Looking West)



**SECTION B-B**

Remove the existing neoprene joint as required & replace with Silicone Joint Sealer & Polymer Concrete nosing.

**SECTION C-C**

**BRIDGE REPAIRS**  
**FA 645 OVER SENACHWINE CREEK**  
**MARSHALL COUNTY**  
**SN 062-0016**