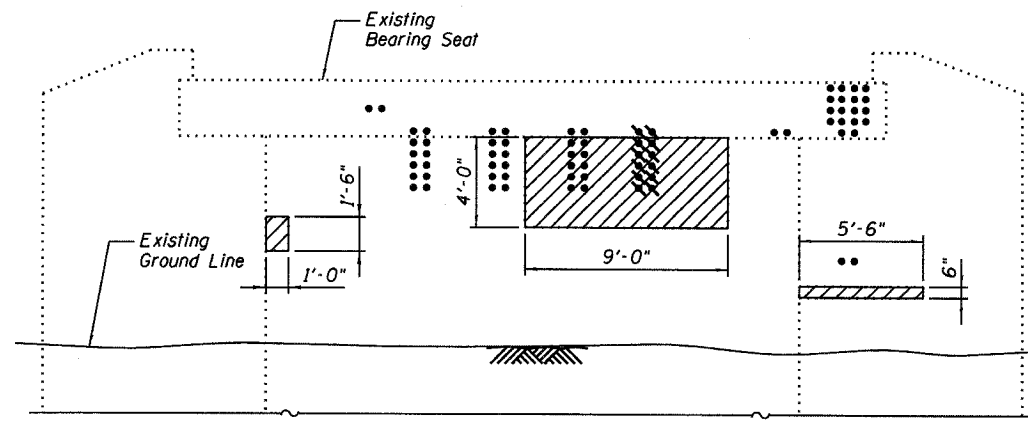


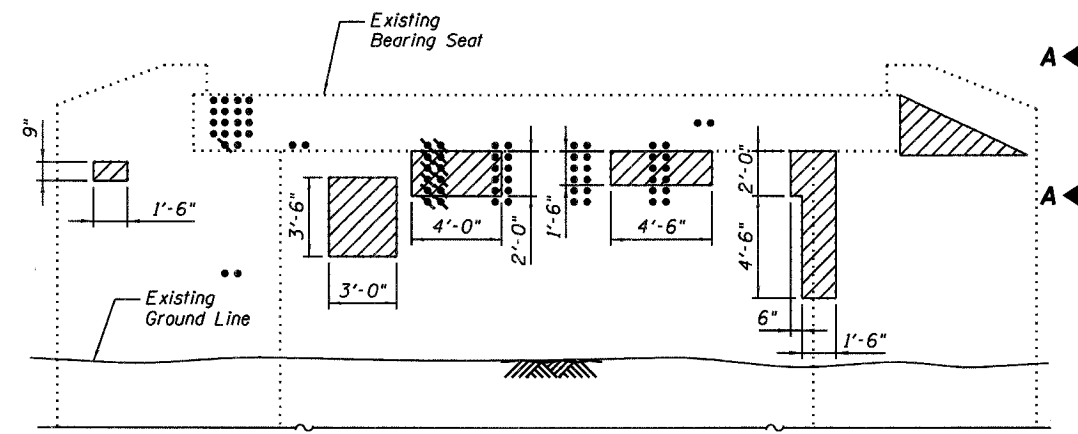
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F.A.P. 778	SECTION 4BR-1	COUNTY HARDIN	SHEET 69	POST 56	SHEET NO. 11 12 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT		

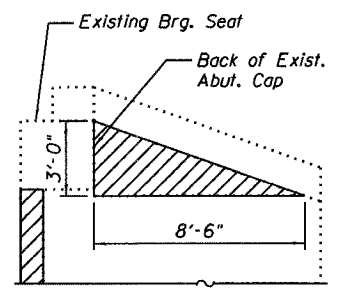
Contract #78023



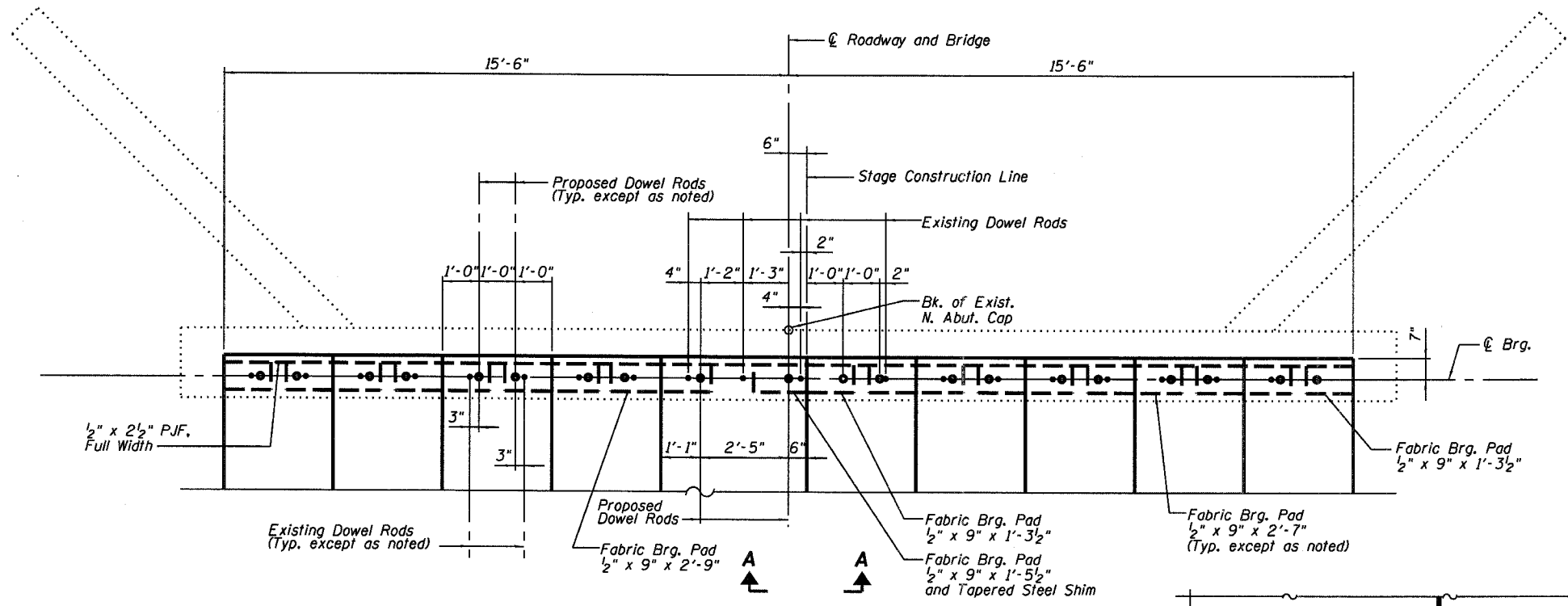
**ELEVATION - NORTH ABUTMENT**  
(Looking North)



**ELEVATION - SOUTH ABUTMENT**  
(Looking South)

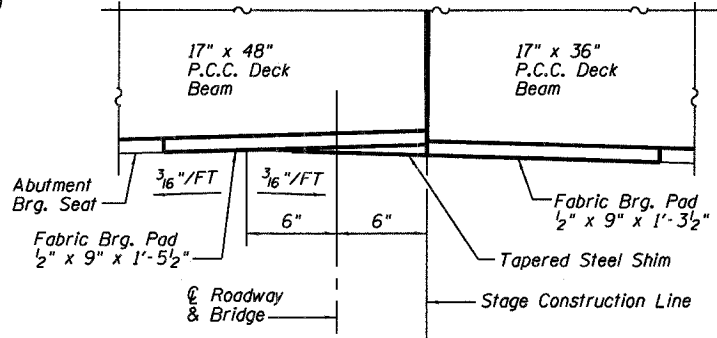


**VIEW A-A**



**PLAN - NORTH ABUTMENT BEARING SEAT**  
(North Abutment shown, South Abutment similar)

Concrete wearing surface and existing approach pavement not shown for clarity.



**SECTION A-A**

**BILL OF MATERIAL**

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or less than 5 inches)	Sq. Ft.	91
Concrete Sealer	Sq. Ft.	91

**LEGEND**

- Structural Repair of Concrete (Depth equal to or less than 5")
- Existing Dowel Rod
- Existing 1"  $\phi$  Drilled Hole, 9" Deep
- Proposed Dowel Rod

Notes:  
Existing dowel bars shall be burned off flush with the existing concrete face, ground smooth, and sealed with epoxy. Existing dowel bars located within areas of structural concrete repair shall be burned off at the depth to sound concrete and encased by the concrete repair. Cost is included with Removal of Existing Superstructures.  
Existing drilled holes shall be filled with an epoxy grout per Article 1027 of the Standard Specifications. Prior to grouting existing drilled holes located within areas of structural concrete repair, all unsound concrete shall be removed. Existing drilled holes shall be grouted to the surface of sound concrete and allowed to cure a minimum of 24 hours prior to placing the structural concrete repair. Cost for grouting existing drilled holes is included with Removal of Existing Superstructures.  
Concrete sealer shall be applied to concrete repair areas.



DESIGNED	RLM
CHECKED	MEL
DRAWN	AEC
CHECKED	RLM

10/04/07

**SUBSTRUCTURE REPAIRS**  
**ILL. ROUTE 34 OVER HOBBS CREEK**  
**F.A.P. ROUTE 778 SECTION 4BR-1**  
**HARDIN COUNTY**  
**STATION 1021+80.00**  
**STRUCTURE NO. 035-0008**