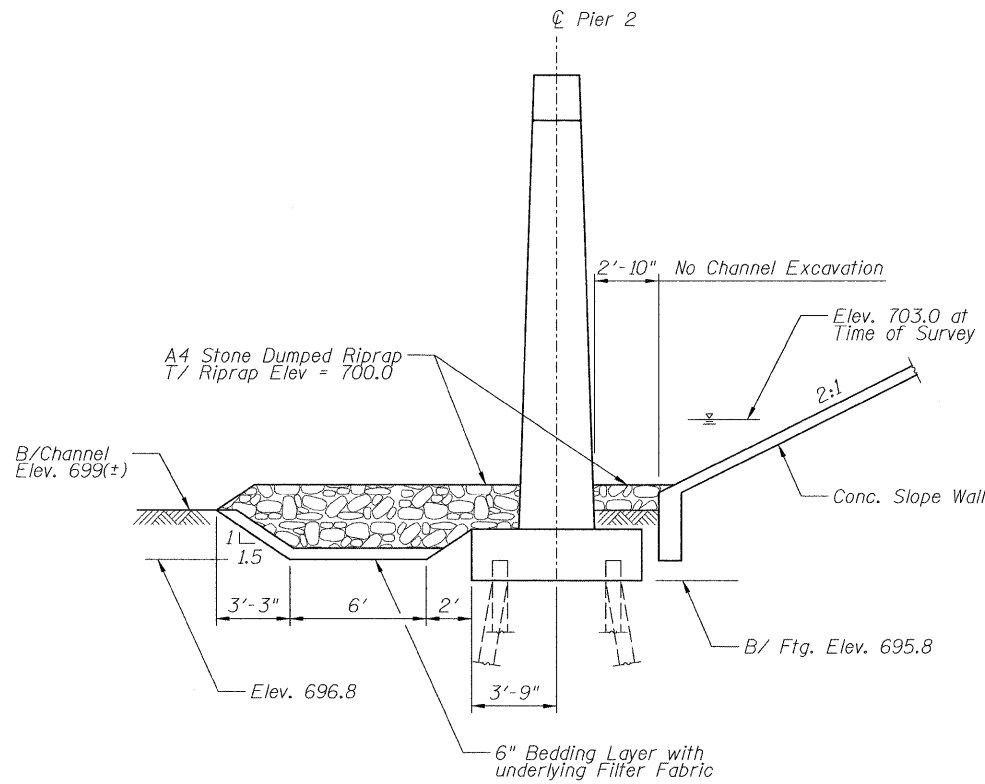
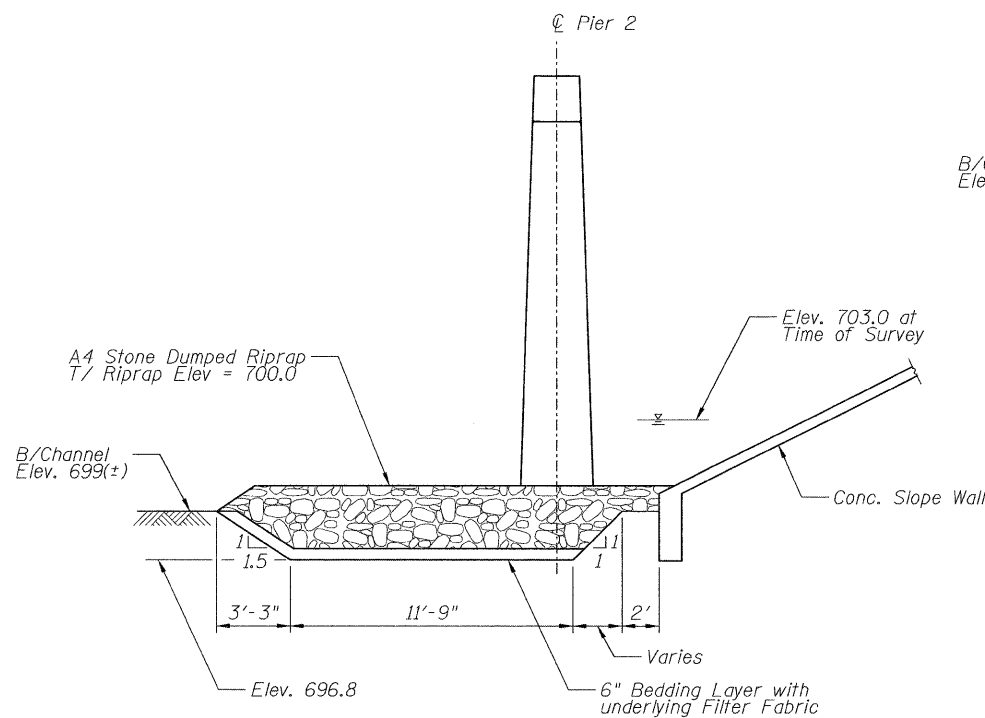


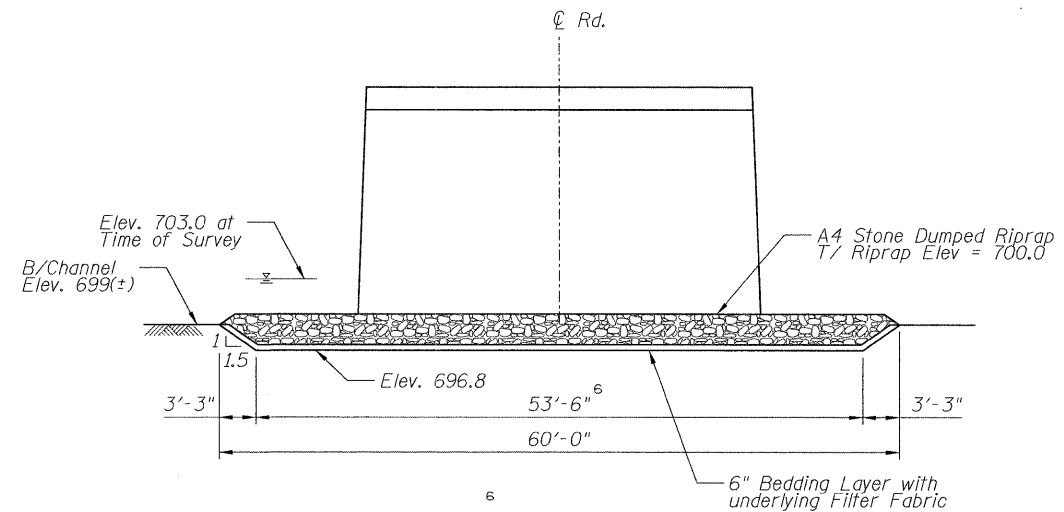
**PLAN**



**SECTION A-A**



**SECTION B-B**



**SECTION C-C**

**NOTES**

1. The Contractor shall exercise caution during all countermeasure installation operations to prevent any damage to structural components or utilities not within the scope of these outlined repairs. Structural components or utilities that are not within scope of these repairs and improvements that are damaged during the repair operations shall be repaired or replaced at the expense of the Contractor to the satisfaction of the Owner.
2. The channel contour shown on this plan based on a survey conducted in Summer 2009. To verify the current channel conditions, the Contractor shall perform a survey of the channel bottom conditions surrounding Pier 2 prior to excavation. Contractor shall verify the actual pier dimensions and existing channel bottom contours, this survey shall be performed by the Contractor to determine the required extent of material to be excavated and the volume of riprap to be placed. Any additional material required as a result of changes to the channel contour shall be paid for at the contract unit price for Stone Dumped Riprap, Class A4 in accordance with the Specifications.
3. The Contractor shall obtain and comply with all federal, state, and local permits prior to beginning construction. The costs associated with obtaining and complying with permits shall be incidental to the contract.
4. Prior to excavation, the Contractor shall be responsible for locating all utilities that could potentially be damaged by construction or construction equipment.
5. After excavation is complete, the Contractor shall dispose of excavation material in accordance with federal, state, and local laws.
6. Prior to placing geotextile, remove all debris that protrudes from the channel bottom that may puncture the geotextile.
7. All construction shall be in accordance with O.S.H.A. requirements.
8. After construction is complete, the jobsite shall be cleaned of all construction related debris to the satisfaction of the Engineer.
9. Excavation shall not encroach within 2'-0" of the face of the footings or the toe of the north slope wall.

**SCOUR COUNTERMEASURES PLAN**  
**PERRYVILLE ROAD BRIDGE**  
**OVER SOUTH BRANCH KISHWAUKEE RIVER**  
**F.A.U. ROUTE 5148**  
**SECTION 08-00448-00-BR**  
**WINNEBAGO COUNTY**  
**STRUCTURE NUMBER 101-3064**  
**STATION 36+58.20**

01/27/10  
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LAYOUT	SMK	01/28/10
DRAWN	MWH	01/28/10
REVIEWED	SMK	01/28/10

JOB NO. 09L0003	F.A.U. ROUTE 5148	SECTION 08-00448-00-BR	COUNTY Winnebago	TOTAL SHEETS	SHEET NO.
				14	14
DATE 01/28/10			CONTRACT NO. 85509		
FED. ROAD DIST. NO. 2   ILLINOIS   FED. AID PROJECT					