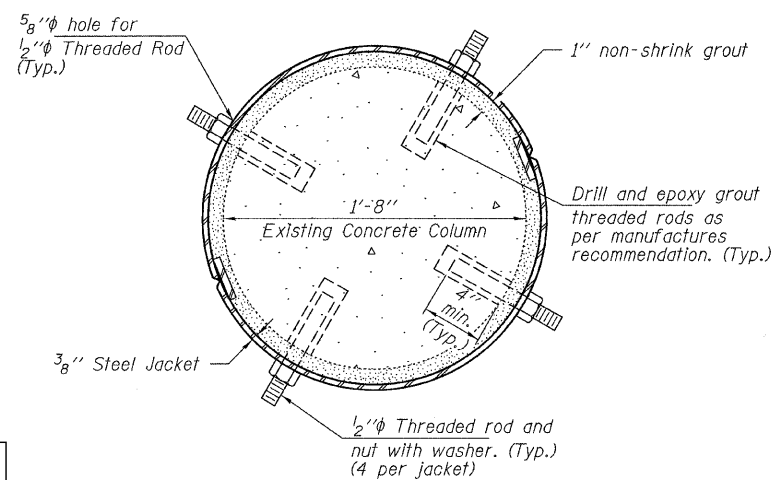
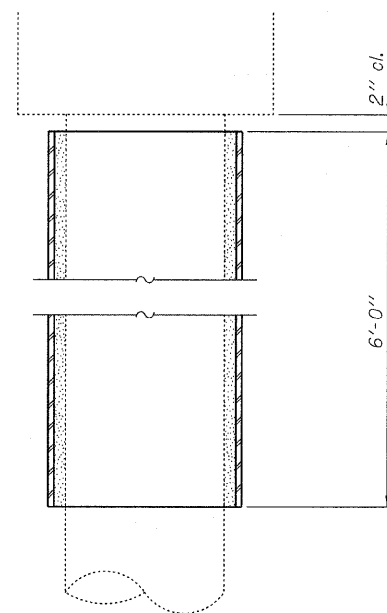


ELEVATION
(Looking North, Pier 2)



SECTION A-A



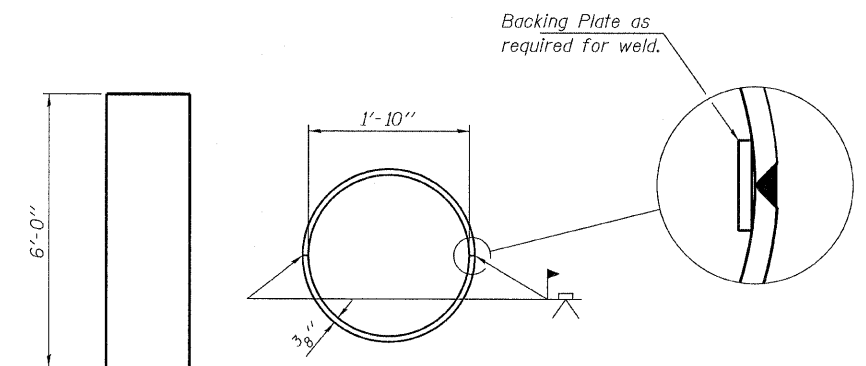
SECTION B-B

SUGGESTED SEQUENCE OF WORK

1. Excavate to top of the footings of Pier 2.
2. Remove all dirt and debris from the concrete columns within the limits of the proposed steel jackets. (Cost included with price of Structure Excavation.)
3. Install and field weld steel jackets at designated locations.
4. Place non-shrink grout between concrete columns and steel jackets. The steel jacket and grout shall have a 2" clearance between the end of the steel jacket and the existing cap or footing.
5. After the grout has cured, the steel jacket shall be painted and allowed to cure.
6. Backfill the excavated material to its original condition around the base of the pier. (Cost included with the unit price for Structure Excavation.)

Notes:

Threaded rods to be installed in top Jacket to secure in place. Cost included with unit price for Furnishing and Erecting Structural Steel. Alternates allowed upon approval of Engineer.



STEEL JACKET DETAIL

DESIGNED - S.M.S.
CHECKED - M.D.C.
DRAWN - D.T.M.
CHECKED - S.W.M.

PIER 2
STRUCTURE NO. 039-3124

HAMPTON, LENZINI AND RENWICK, INC. CIVIL ENGINEERS - STRUCTURAL ENGINEERS - LAND SURVEYORS HLR 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 217.546.3400 www.hlrengineering.com <small>184.00989 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION</small>	SHEET NO. 2	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2 SHEETS	1919	06-00057-02-BR	JACKSON	6	6
PROJECT NUMBER: 07.0315.130	DATE: 10/28/09	CONTRACT NO. 99414				
		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	BRS-1919 (107)	