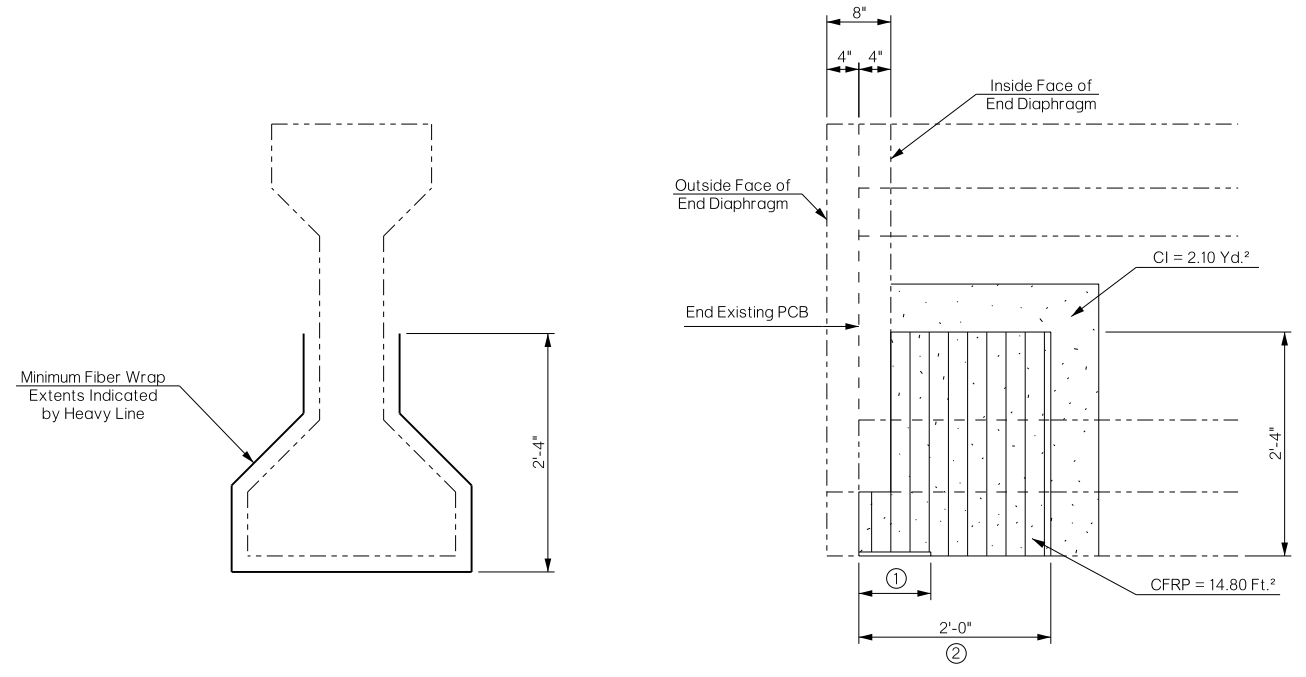


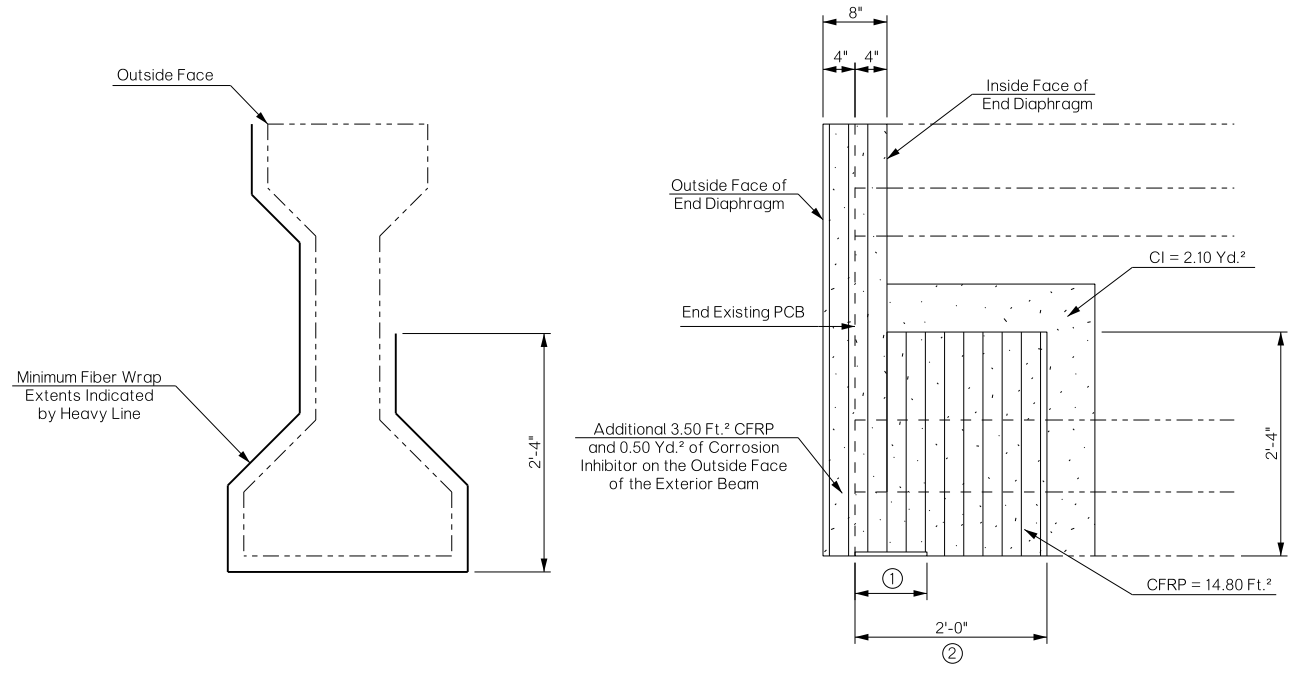
REVISIONS		
REV. NO.	DESCRIPTION	DATE



For repair locations, see sheet B008

- ① Omit Fiber Wrap at Embedded Steel Plate.
- ② Remove any loose or deteriorated concrete on the Beam Ends. Apply Pneumatically Placed Mortar and Corrosion Inhibitor to spalled areas before applying Fiber Wrap. Use one layer of Fiber Wrap at the Beam Ends with the Fiber Wrap oriented vertically. Fiber Wrap shall extend at least 1' past the extents of Pneumatically Placed Mortar.

INTERIOR BEAM



For repair locations, see sheet B008

- ① Omit Fiber Wrap at Embedded Steel Plate.
- ② Remove any loose or deteriorated concrete on the Beam Ends and the Diaphragm on the Outside Face of the Exterior Beam. Apply Pneumatically Placed Mortar and Corrosion Inhibitor to spalled areas before applying Fiber Wrap. Use one layer of Fiber Wrap at the Beam Ends and the Outside Face of the Exterior Beam with the Fiber Wrap oriented vertically. Fiber Wrap shall extend at least 1' past the extents of Pneumatically Placed Mortar.

EXTERIOR BEAM

**BEAM END (16 TOTAL)**  
 Pneumatically Placed Mortar (PPM) = 7.00 S.Y.  
 Corrosion Inhibitor (CI) = 40.00 S.Y.  
 Carbon Fiber-Reinforced Polymer (CFRP) = 278.00 S.F.

LEGEND

▭ Corrosion Inhibitor (Surface Applied), CI

BRIDGE "A" U.S.-283 OVER WASHITA RIVER		ROGER MILLS COUNTY		Design	MLC	02/16
<b>BEAM END REPAIR DETAILS</b>				Detail	WDY	02/16
				Check	MLC	04/16
				Squad:	HARJO	
				Engr:	MOLLA-ESMAIL	
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION		JOB/PIECE NO. 31699(04)		SHEET NO. B009