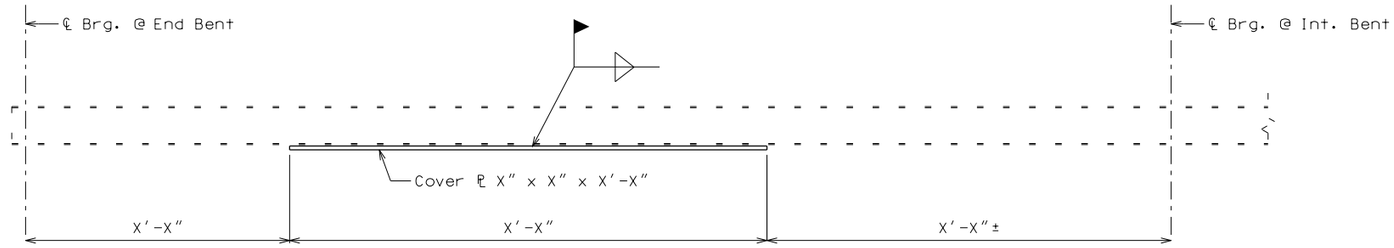
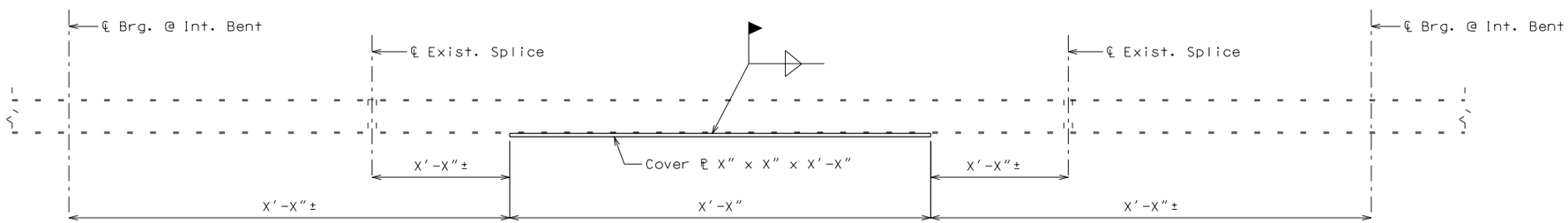
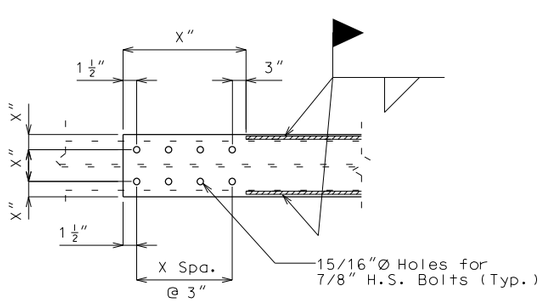


PART ELEVATION OF EXTERIOR STRINGERS SHOWING COVER PLATE INSTALLATION
SPAN (X-X) & SPAN (X-X)



PART ELEVATION OF EXTERIOR STRINGERS SHOWING COVER PLATE INSTALLATION
SPAN (X-X)



TYPICAL DETAIL @ ENDS
OF COVER PLATES
(BOTTOM VIEW)

Notes:

Beam with end-bolted cover plates shall be installed in the following sequence after existing bridge deck is removed:

1. Drill holes in cover plate and flange.
2. Clean faying surfaces. (See Special Provisions)
3. Install and tighten high-strength bolts.
4. Weld cover plate to flange.

Fabricated Structural Steel shall be ASTM A706 Grade 36, except as noted.

Payment for ____ pounds of new cover plates complete in place will be considered completely covered by the contract lump sum price for Strengthening Existing Stringers.

Notch toughness is required for all cover plates.

DETAILS FOR STRENGTHENING EXISTING STRINGERS

Detailed
Checked

Note: This drawing is not to scale. Follow dimensions.

Sheet No. of _

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DATE PREPARED 1/7/2015	
ROUTE ✳	STATE MO
DISTRICT BR	SHEET NO. ✳
COUNTY ✳	
JOB NO. ✳	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. REDECK07	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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