

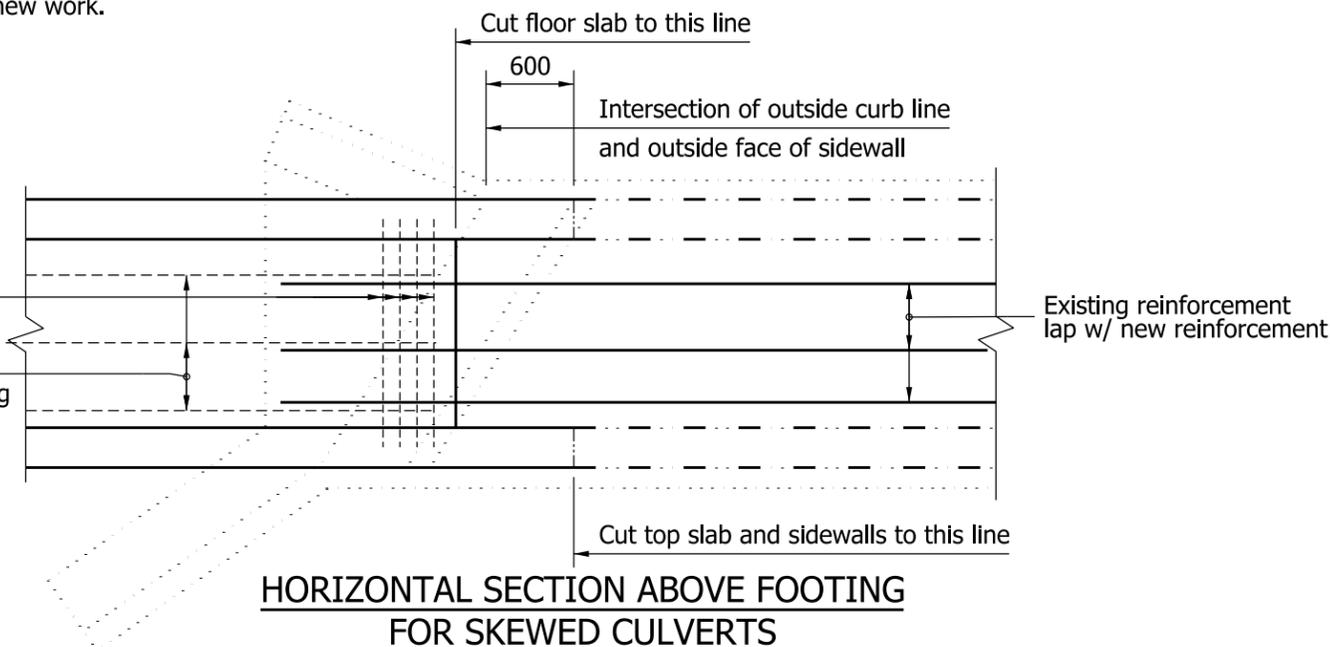
**LONGITUDINAL SECTION
FOR ALL CULVERTS**

All existing exposed longitudinal reinforcing and wall reinforcement shall remain in place and project into new work.

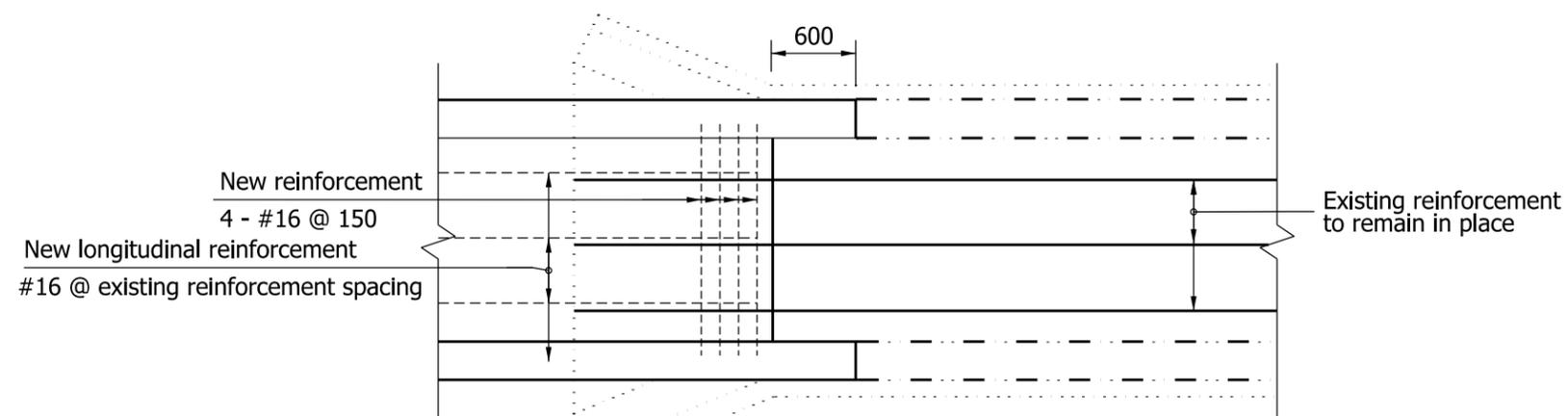
New reinforcement
4 - #16 @ 150
New longitudinal reinforcement
#16 @ existing reinforcement spacing

NOTES:

1. Before removing existing concrete, saw around the perimeter of the removal areas on the interior and exterior of the culvert to a depth of 25.
2. New horizontal reinforcement shall be anchored into the culvert walls with bar hooks.



**HORIZONTAL SECTION ABOVE FOOTING
FOR SKEWED CULVERTS**



**HORIZONTAL SECTION ABOVE FOOTING
FOR SQUARE CULVERTS**

All Dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION	
CAST-IN-PLACE BOX-CULVERT EXTENSION	
SEPTEMBER 2010	
STANDARD DRAWING NO.	714-BCEX-02
	<i>/s/ Richard L. VanCleave</i> 09/01/10 <small>DESIGN STANDARDS ENGINEER DATE</small>
	<i>/s/ Mark A. Miller</i> 09/01/10 <small>CHIEF HIGHWAY ENGINEER DATE</small>
<small>DESIGN STANDARDS ENGINEER</small>	