

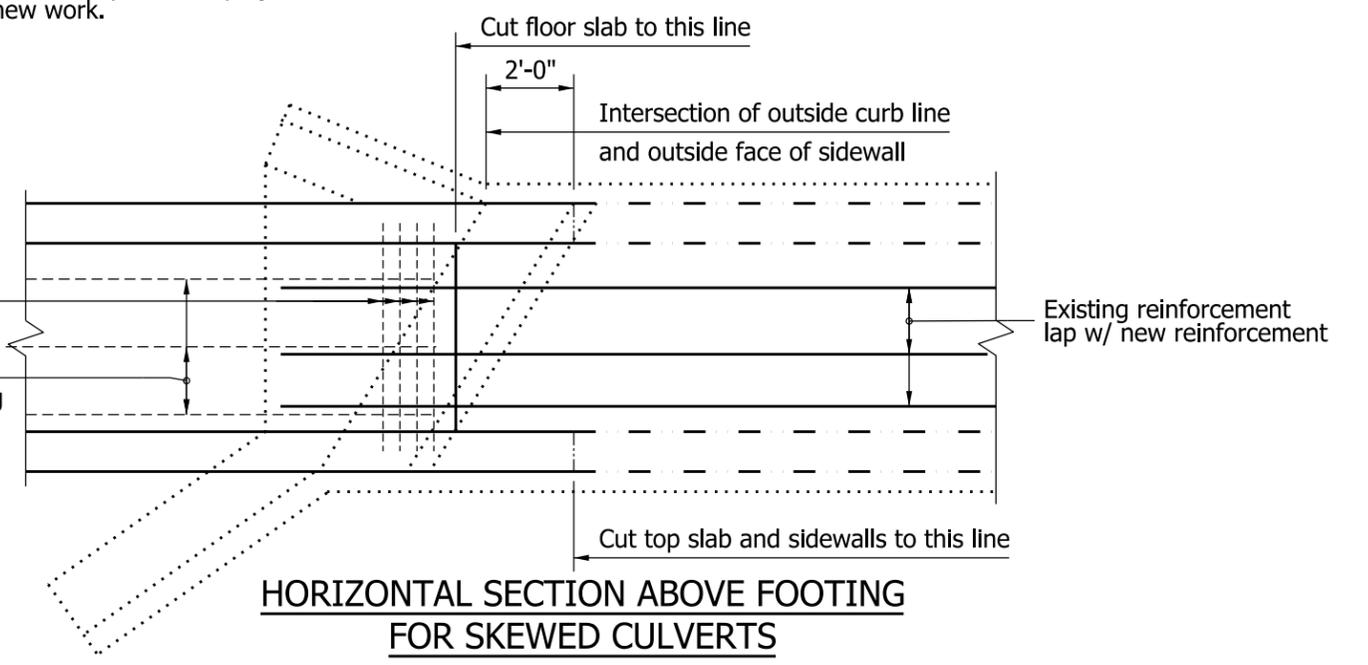
**LONGITUDINAL SECTION
FOR ALL CULVERTS**

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

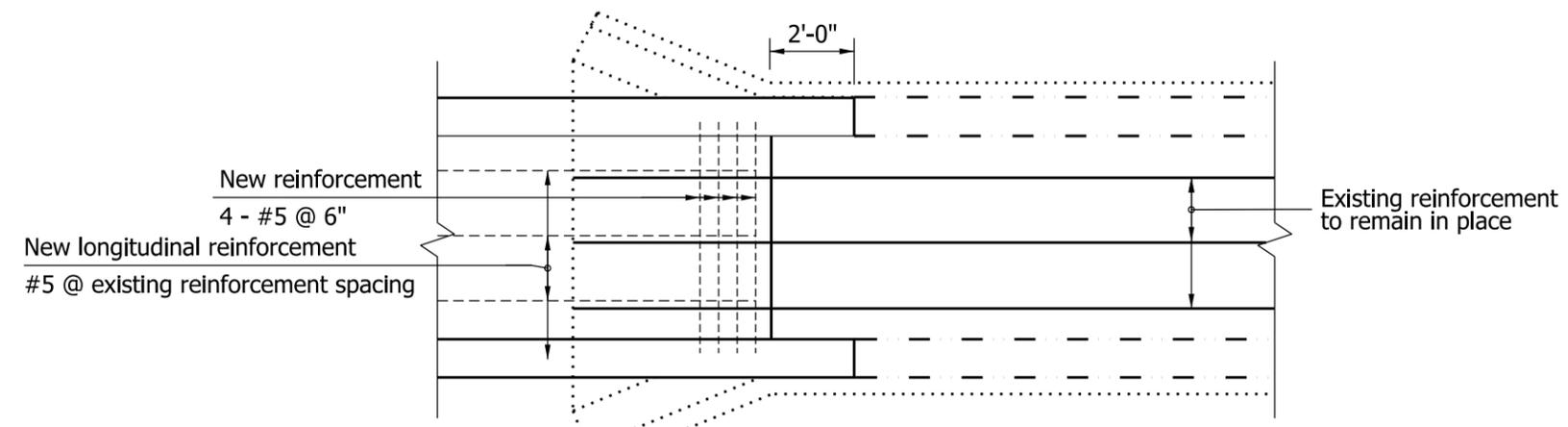
NOTES:

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 1".
2. New horizontal reinforcement shall be anchored into the culvert walls with bar hooks.

New reinforcement
4 - #5 @ 6"
New longitudinal reinforcement
#5 @ existing reinforcement spacing



**HORIZONTAL SECTION ABOVE FOOTING
FOR SKEWED CULVERTS**



**HORIZONTAL SECTION ABOVE FOOTING
FOR SQUARE CULVERTS**

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