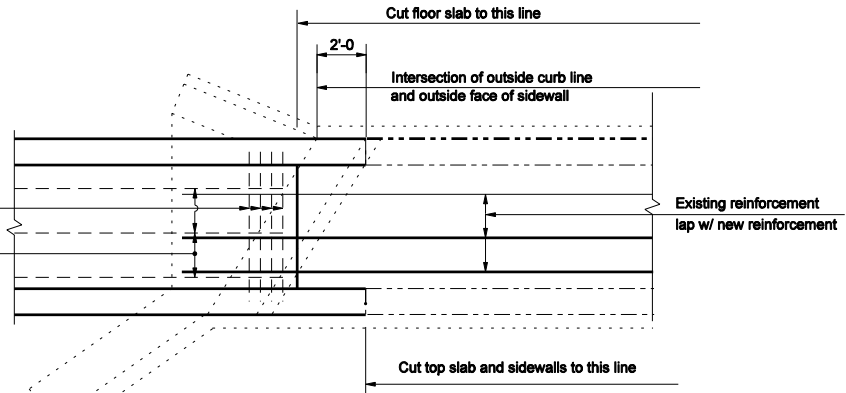
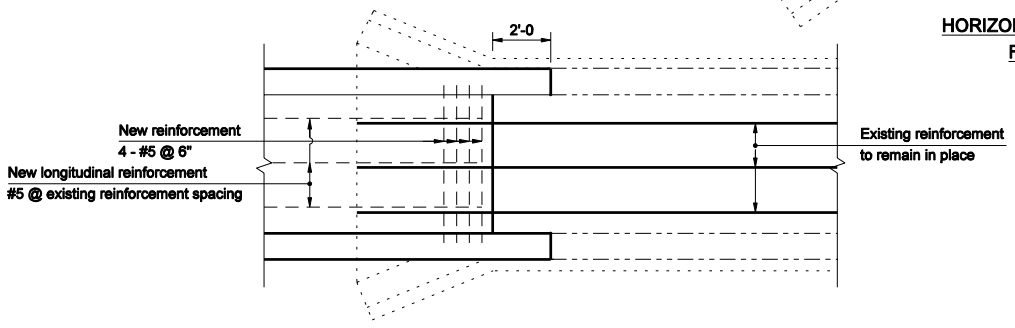


**LONGITUDINAL SECTION  
FOR ALL CULVERTS**



**HORIZONTAL SECTION ABOVE FOOTING  
FOR SKEWED CULVERTS**



**HORIZONTAL SECTION ABOVE FOOTING  
FOR SQUARE CULVERTS**

**NOTES:**

1. Before removing any existing concrete, saw around the perimeter of the removal areas on the interior and exterior of the culvert at a depth of 1".
2. New horizontal reinforcement (4 - #5 @ 6") should be anchored in culvert walls with bar hooks.

INDIANA DEPARTMENT OF TRANSPORTATION	
<b>EXTENSION IN-KIND FOR BOX CULVERT</b>	
<b>MARCH 2004</b>	
<b>STANDARD DRAWING NO. E 714-BCEx-02</b>	
	<i>/s/ Richard L. VanCleave</i> 3-01-04 DESIGN STANDARDS ENGINEER     DATE
	<i>/s/ Richard K. Smutzer</i> 3-01-04 CHIEF HIGHWAY ENGINEER     DATE
DESIGN STANDARDS ENGINEER	