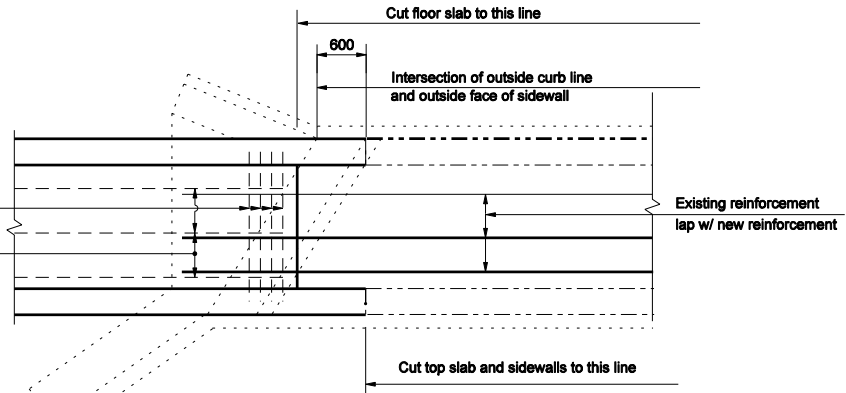
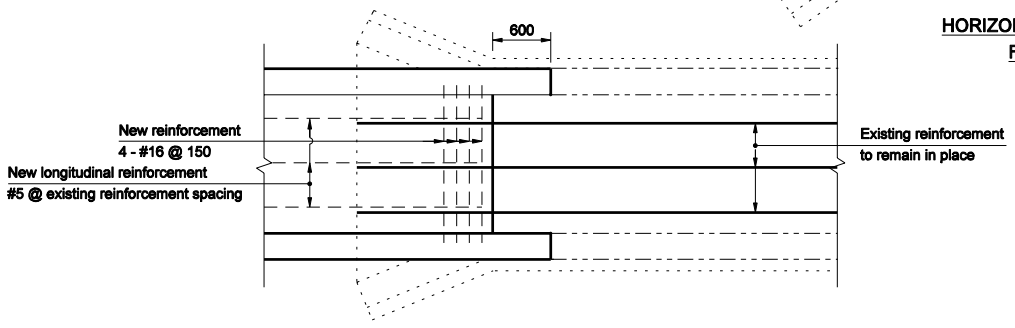


**LONGITUDINAL SECTION
FOR ALL CULVERTS**



**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 25 mm.
2. New horizontal reinforcement (4 - #16 @ 150) should be anchored in culvert walls with bar hooks.



All Dimension are in mm unless otherwise specified

INDIANA DEPARTMENT OF TRANSPORTATION

**EXTENSION IN-KIND
FOR BOX CULVERT**

MARCH 2004

STANDARD DRAWING NO. 714-BCEX-02

	/s/ Richard L. VanCleave 3-01-04 DESIGN STANDARDS ENGINEER DATE
	/s/ Richard K. Smutzer 3-01-04 CHIEF HIGHWAY ENGINEER DATE

DESIGN STANDARDS ENGINEER