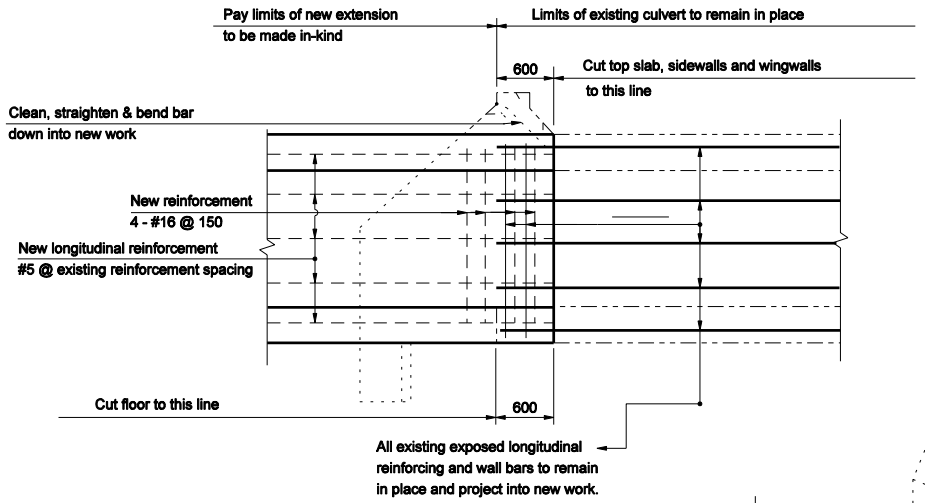
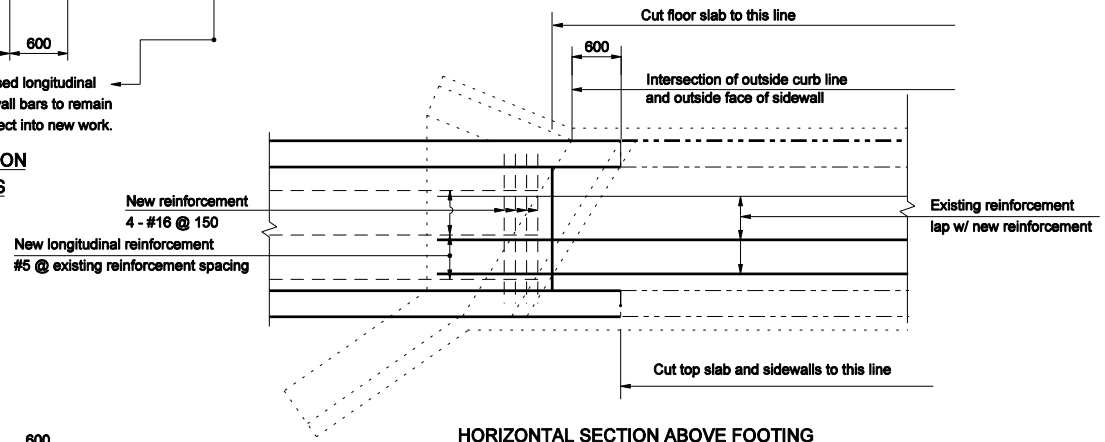


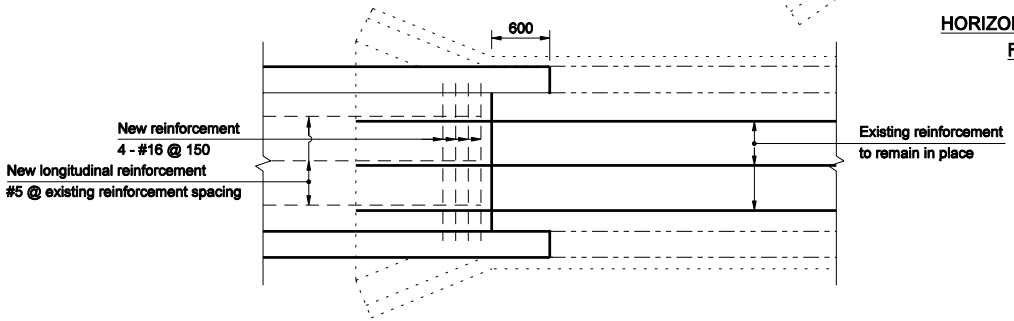
LONGITUDINAL SECTION
FOR ALL CULVERTS

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.



HORIZONTAL SECTION ABOVE FOOTING
FOR SKEWED CULVERTS



HORIZONTAL SECTION ABOVE FOOTING
FOR SQUARE CULVERTS

All Dimension are in mm unless otherwise specfied

INDIANA DEPARTMENT OF TRANSPORTATION

EXTENSION IN-KIND FOR BOX CULVERT

MARCH 2004

STANDARD DRAWING NO. 714-BCEX-02

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 3-01-04
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 3-01-04
CHIEF HIGHWAY ENGINEER DATE