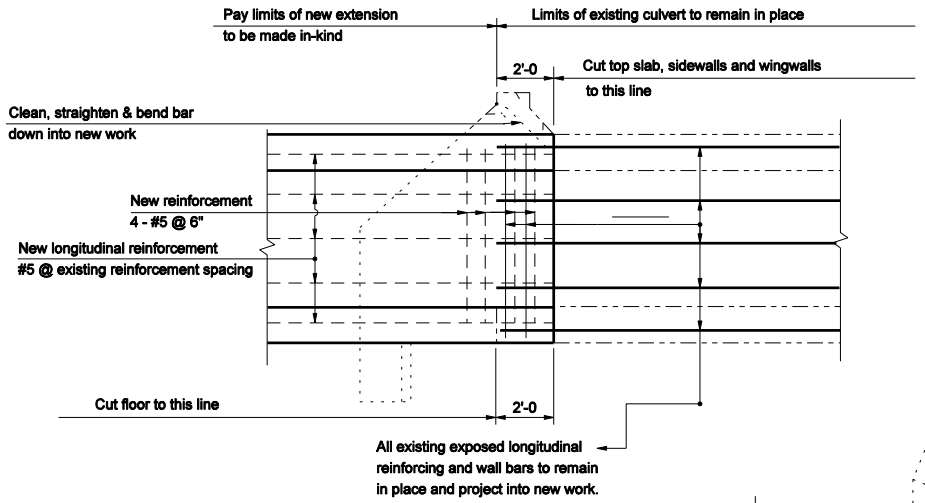
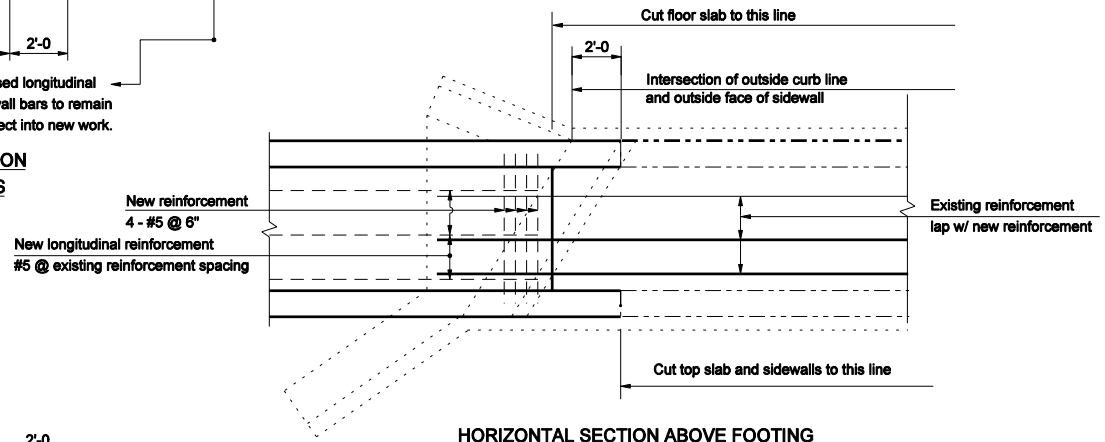


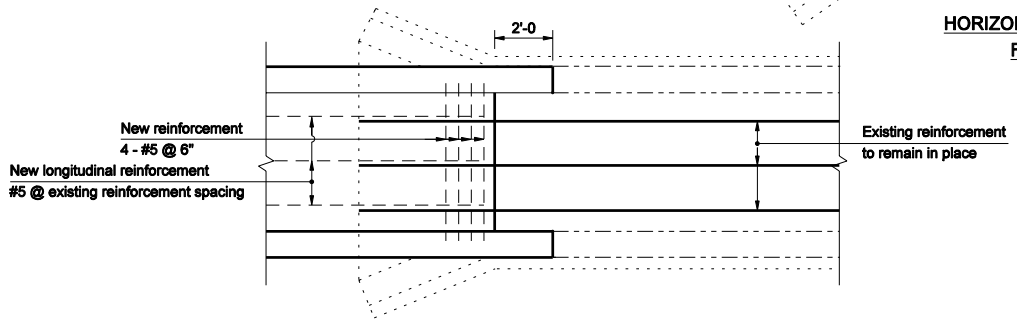
LONGITUDINAL SECTION
FOR ALL CULVERTS

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 1".
2. New horizontal reinforcement (4 - #5 @ 6") should be anchored in culvert walls with bar hooks.



HORIZONTAL SECTION ABOVE FOOTING
FOR SKEWED CULVERTS



HORIZONTAL SECTION ABOVE FOOTING
FOR SQUARE CULVERTS

INDIANA DEPARTMENT OF TRANSPORTATION

EXTENSION IN-KIND FOR BOX CULVERT

MARCH 2004

STANDARD DRAWING NO. E 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