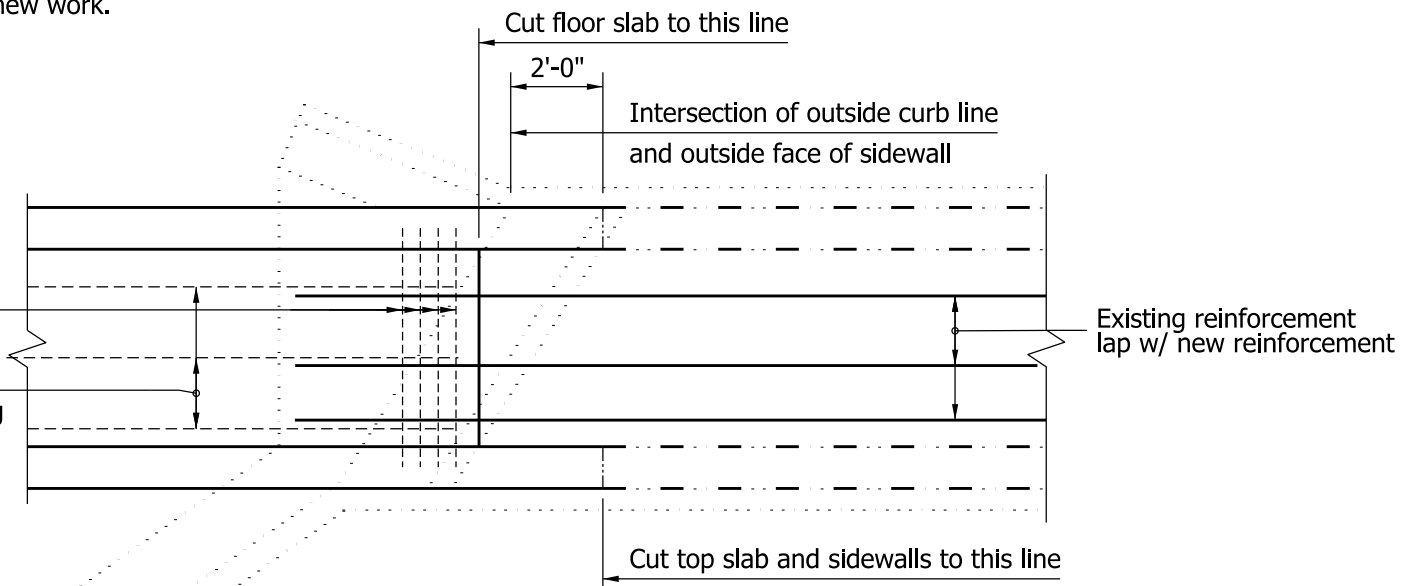
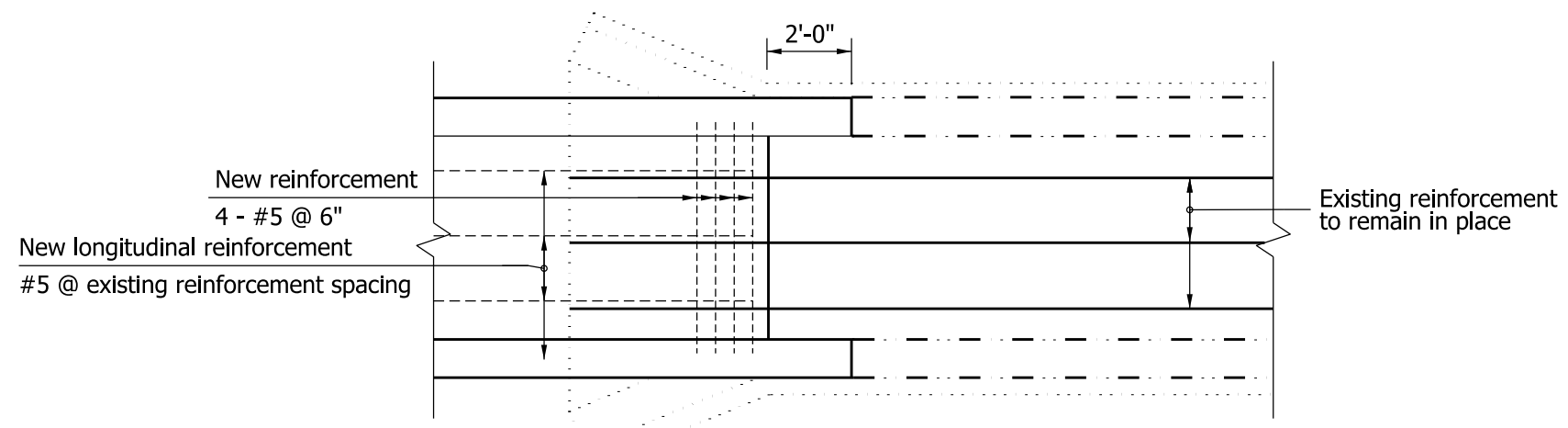


**LONGITUDINAL SECTION
FOR ALL CULVERTS**

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



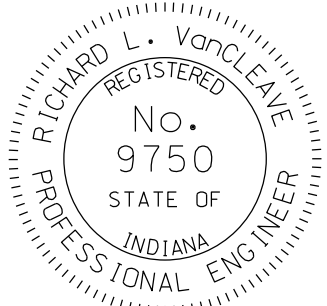
**HORIZONTAL SECTION ABOVE FOOTING
FOR SKEWED CULVERTS**



**HORIZONTAL SECTION ABOVE FOOTING
FOR SQUARE CULVERTS**

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.

INDIANA DEPARTMENT OF TRANSPORTATION									
CAST-IN-PLACE BOX-CULVERT EXTENSION									
SEPTEMBER 2010									
STANDARD DRAWING NO. E 714-BCEX-02									
	<table style="width: 100%; border: none;"> <tr> <td style="border: none;"><i>/s/ Richard L. VanCleave</i></td> <td style="border: none; text-align: right;">09/01/10</td> </tr> <tr> <td style="border: none; font-size: small;">DESIGN STANDARDS ENGINEER</td> <td style="border: none; text-align: right; font-size: small;">DATE</td> </tr> <tr> <td style="border: none;"><i>/s/ Mark A. Miller</i></td> <td style="border: none; text-align: right;">09/01/10</td> </tr> <tr> <td style="border: none; font-size: small;">CHIEF HIGHWAY ENGINEER</td> <td style="border: none; text-align: right; font-size: small;">DATE</td> </tr> </table>	<i>/s/ Richard L. VanCleave</i>	09/01/10	DESIGN STANDARDS ENGINEER	DATE	<i>/s/ Mark A. Miller</i>	09/01/10	CHIEF HIGHWAY ENGINEER	DATE
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