

$$f'_c = 3 \text{ ksi}$$

$$f_y = 60 \text{ ksi}$$

CLASS B TENSION SPLICE LENGTH FOR CULVERT REINFORCING STEEL $1.3 \times \ell_d$		
BAR SIZE	OTHER BAR	TOP BAR
#4	1'-10"	2'-5"
#5	2'-4"	3'-0"
#6	2'-9"	3'-7"
#7	3'-2"	4'-2"
#8	3'-8"	4'-9"
#9	4'-1"	5'-4"
#10	4'-7"	6'-0"
#11	5'-1"	6'-8"

NOTES:

THESE SPLICE LENGTHS MAY BE USED IF THE MINIMUM CLEARANCE AND SPACING REQUIREMENTS ARE SATISFIED. OTHERWISE, THESE SPLICE LENGTHS SHOULD BE MODIFIED. SEE SECTION 10.4.3 OF DESIGN MANUAL FOR MINIMUM REQUIREMENTS AND MODIFICATIONS.

USE SPLICE LENGTH FOR "TOP BAR" FOR LONGITUDINAL STEEL IN SLABS AND WALLS (C1 BARS).

USE APPROPRIATE SPLICE LENGTH FOR "OTHER BAR" OR "TOP BAR" FOR TRANSVERSE STEEL IN TOP AND BOTTOM LAYERS OF TOP AND BOTTOM SLABS (A100, A200, A300, AND A400 BARS).

USE SPLICE LENGTH FOR "OTHER BAR" FOR VERTICAL STEEL IN WALLS (B1 AND B3 BARS).

CULVERT SPLICE LENGTHS

FIGURE 10 - 13