



Plan View - Bottom of Apron Reinforcing

* - See Note 3
 Δ - See Note 4

Notes:

1. Bar spacings and positions shown are similar for all sizes of headwalls in this standard.
2. Wingwall bars consistently referenced from end of wing for all headwalls.
3. There are no 6c13 bars in the 4' & 5' height headwalls.
4. 4c3 & 4c4 bars used only in the 9', 10', 11' & 12' height headwalls.
5. For dimension table see Sheet TRFWH 15-2-21.
6. For reinforcing in curtain wall see Curtain Wall Details on Sheet TRFWH 15-5-21.

LATEST REVISION DATE APPROVED BY BRIDGE ENGINEER	Standard Design - Triple Reinforced Concrete Box Culverts
	Flared Wing Headwalls February, 2021
	<div style="text-align: center;"> Bottom Apron Detail 15° Skew </div> <div style="text-align: center;"> TRFWH 15-4-21 </div>