


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 45-2-21.
6. For reinforcing in curtain wall see Curtain Wall Details on Sheet TRFWH 45-5-21.

LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER	 Standard Design - Triple Reinforced Concrete Box Culverts	
		Flared Wing Headwalls February, 2021	
		Bottom Apron Detail 45° Skew	TRFWH 45-4-21