


NOTES :

1. BAR SPACINGS AND POSITIONS SHOWN ARE SIMILAR FOR ALL SIZES OF HEADWALLS IN THIS STANDARD.
2. FOR HEADWALL DIMENSIONS AND BAR SPACING SEE DRAWING PWH 0-1-12.
3. TOP TRANSVERSE APRON BARS ARE REFERENCED APPROXIMATELY 4" FROM THE BACK OF THE PARAPET FOR ALL HEADWALLS.

LATEST REVISION DATE <i>Norman E. M. D...ell</i> APPROVED BY BRIDGE ENGINEER	 Iowa Department of Transportation Highway Division	
	STANDARD DESIGN - SINGLE REINFORCED CONCRETE BOX CULVERTS PARALLEL WING HEADWALLS APRIL, 2012	
PARAPET REINFORCING & TOP APRON REINFORCING 0° SKEW		PWH 0-4-12