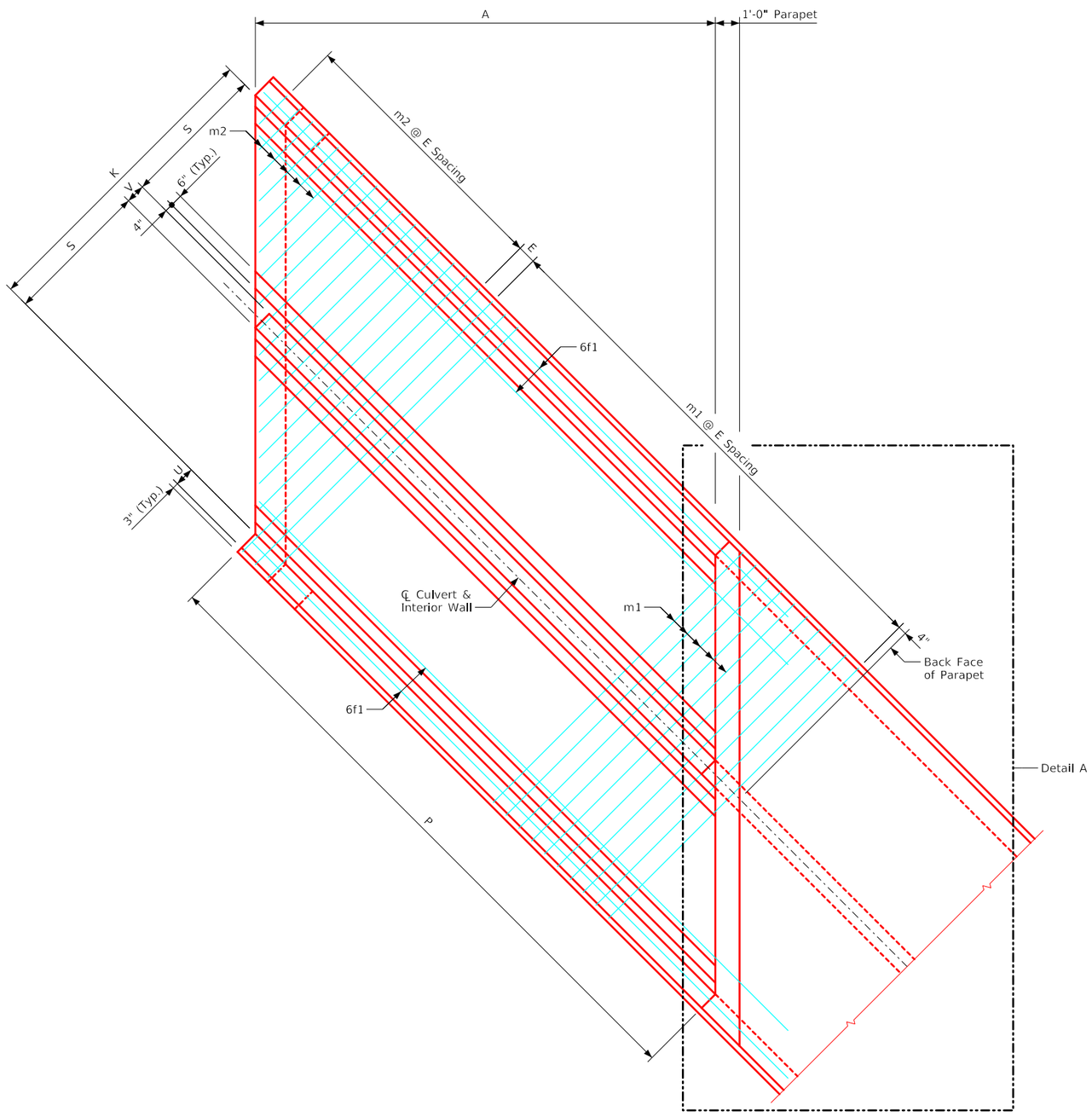
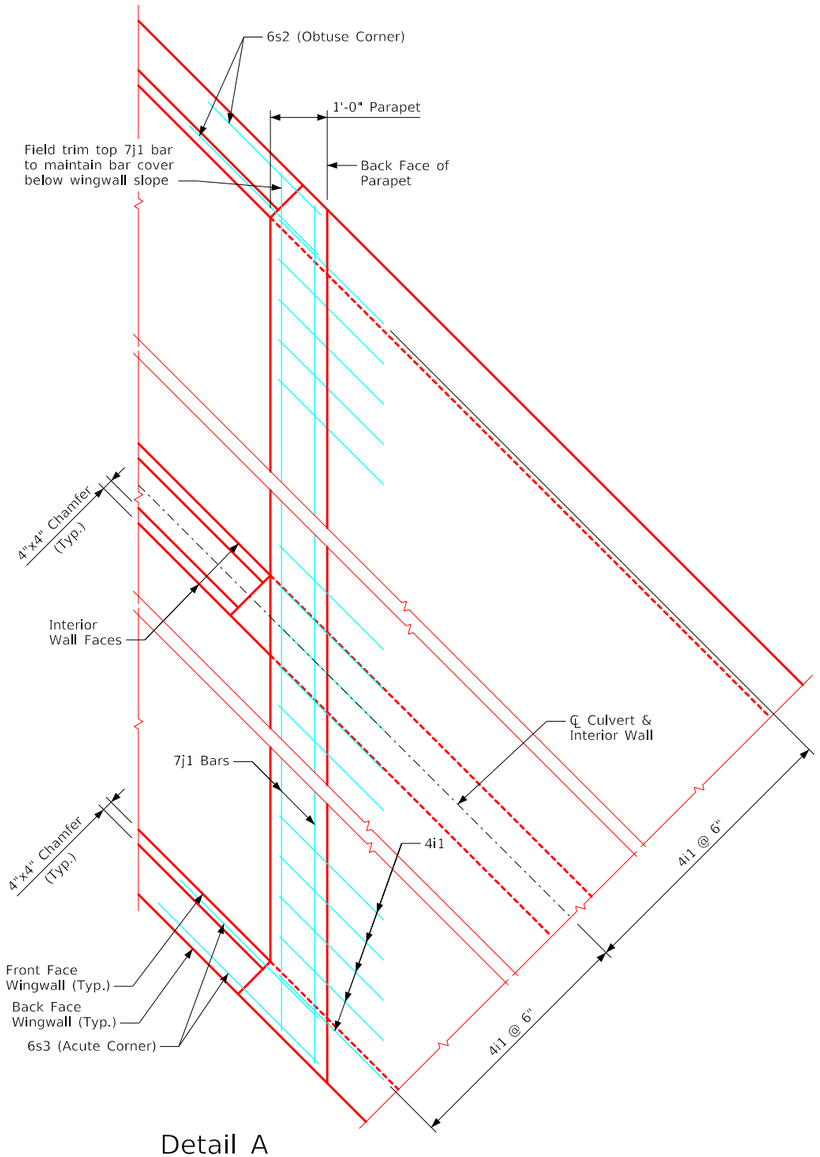


Plan View - Top Apron Reinforcing

(Wall Reinforcing not shown for clarity)



Detail A

(Showing parapet bars only)

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 Sheet TWPWH 45-2-20.
3. Top transverse apron bars are referenced approximately 4" from the back of the parapet for all headwalls.

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

IOWA DOT

Standard Design - Twin Reinforced Concrete Box Culverts

Parallel Wing Headwalls

July, 2020

Parapet Reinforcing & Top Apron Reinforcing 45° Skew

TWPWH 45-6-20

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