

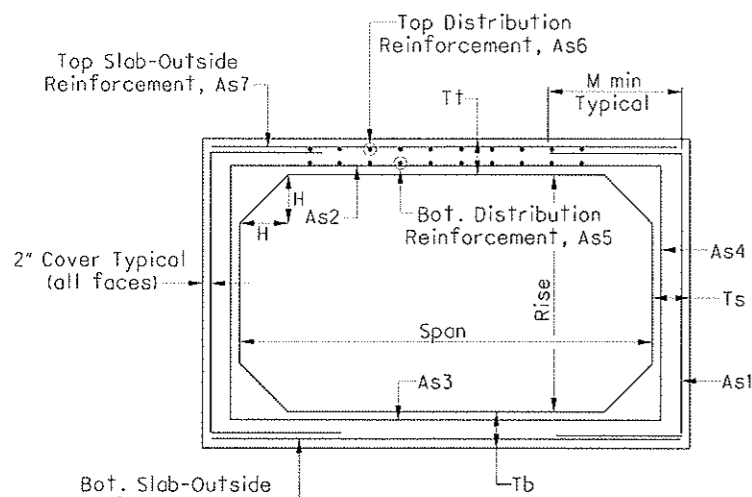
CULVERT & WINGWALL LAYOUT

Ohio Department of Transportation
 Item 603 - 16' x 5' Conduit Type A, 706.05, As Per Plan
 All Requirements of 706.05 Shall Be Met Except As Detailed Herein:

Loading: HL93
 Depth of Cover <= 2'
 FWS = 60 psf

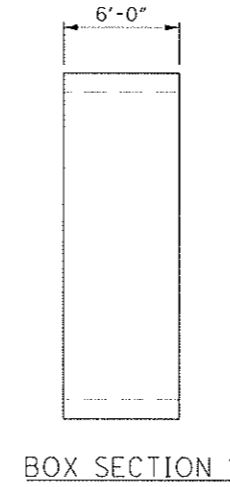
- Span 16'
- Rise 5'
- Tt Note: 13"
- Tb 12"
- Ts 12"
- H 12"
- As1 0.9
- As2 0.9
- As3 0.9
- As4 0.29
- As5 0.31
- As6 0.31
- As7 0.31
- As8 0.31
- M min 78"

Maximum spacing of the circumferential reinforcing shall be 4".
 Minimum yield strength for reinforcing shall be 60 ksi.
 Minimum concrete compressive strength shall be 5000 psi.
 As min = 0.002 X Gross Section Area
 Reinforcing units of sq in/ft



CULVERT REINFORCING DETAIL

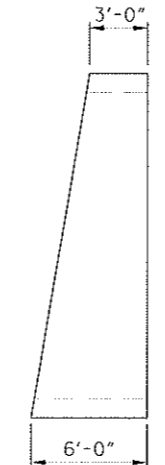
Bridge No. HOC-328-0593
 Structure File No. 3703681



BOX SECTION 1



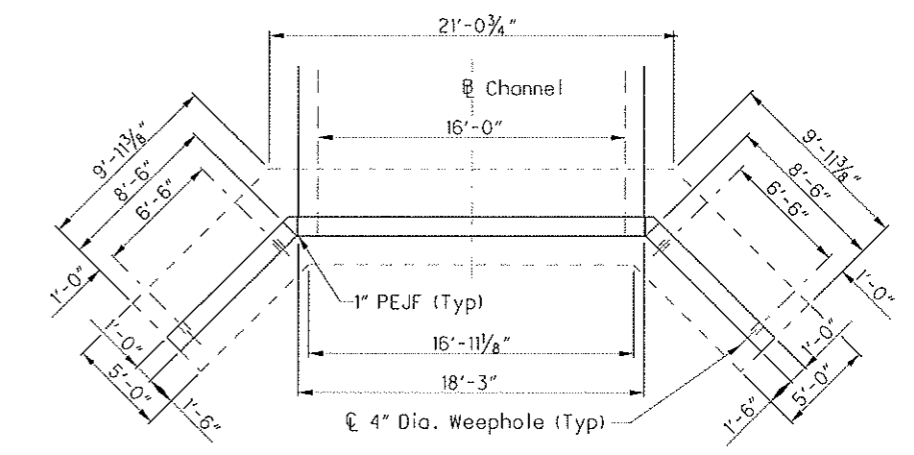
BOX SECTION 2



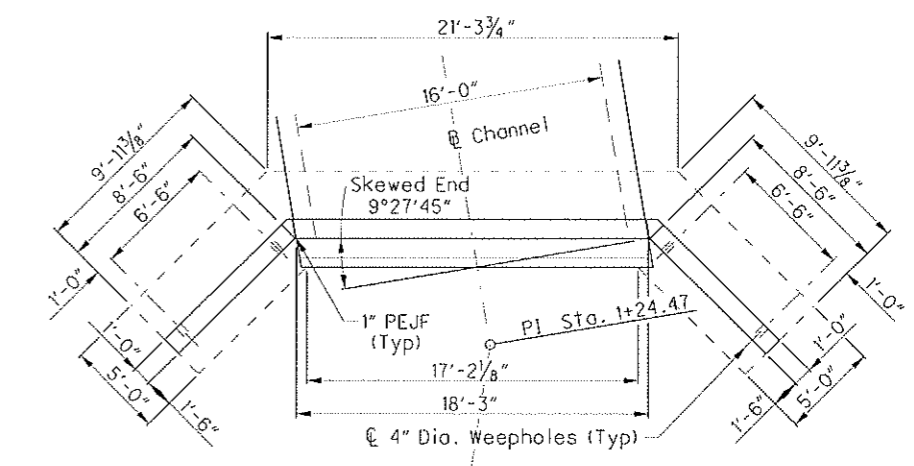
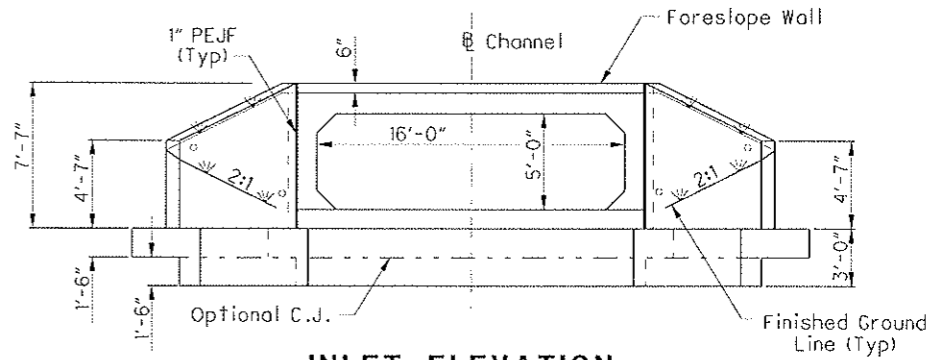
BOX SECTION 3



BOX SECTION 4



INLET ELEVATION
 Inlet Elev. @ 764.36



OUTLET ELEVATION
 Outlet Elev. @ 764.16

