

Construction Notes:
Precast box culvert end sections shall be constructed in accordance with details and notes, as shown below
Reinforcing for precast end sections \& curtain walls shall be welded wire reinforcing (WWR) meeting the requirements of AASHTO LRFD Section 5. The concrete cover over the
reinforcing steel shall not be less than 1.5 inches or greater than 2.0 inches.
Refer to sheets PRCB G1-20 \& PRCB G2-20 for additional notes and details.
Refer to "Fabric Layer Detail" on sheet PRCB G2-20 for multiple wWR layers.
(1) Use tongue on inlet end section and groove on outlet end section.
(2) Fill holes with grout. Grout shall consist of 1 part cement and 2 parts sand. Use air
(3) Floor thickness (Tb) shall be, $\mathrm{Tb}=8 \mathrm{in}$. for 6 foot span, $\mathrm{Tb}=10 \mathrm{in}$. for all other spans.
(4) Joint "Option A": Provide joint in walls and floor. Terminate joint at haunch. See "Detail A
on Sheet PES
$1-20-\mathrm{T3}$.
(5) Joint "Option B": Provide continuous joint in walls, floor and haunch
(6) Haunch dimension to match barrel haunch size.
(7) Minimum longitudinal reinforcement shall be 0.06 sq. inches per peripheral foot on all faces
ere
(8) Lap splices shall be Class B and shall be designed according to the AASHTO LRFD Bridge

Design Specifications, Section 5 .
(9) Optional eyebolts shall conform to ASTM A307. Eyebolts and nuts shall be galvanized in
accordance with ASTM A153. The eye of the eyebolt shall be cast flush with the concrete surface.

Dowel Setting Note (Fence Anchor):
The 5 fa bars or eyebolt may be set as dowels in drilled holes Holes shall be drilled to the depth required to achieve bar embedment as shown in the "Side Elevation" or "Detail C". Th
dowels shall be installed in accordance with the Manufacturer's dowels shall be installed in accordance with the Manufacturer's
recommendations. Either of the following systems may be used
as a bonding agent:
A. Polymer grout system shall be in accordance with Article
2301.03, E, of the Standard Specifications
B. Hydraulic cement grout systems. Drilled holes are to be $2^{1 / 2}$ times the dowel diameter and are to be blown clean with
compressed air immediately prior to placing grout. The compressed air immediately prior to placing grout. The
hydraulic cement grout shall be one of those approved in
Materials I.M. 491.13 .


