

Dimensions shown are calculated for bridges with normal crown and S.E. = 0.02 ft./ft.

BRIDGE PLANS ID SHEET NO.

XXXXXX—BXX

LEGEND:
F.S. = Far Side
N.S. = Near Side
S.E. = Superelevation

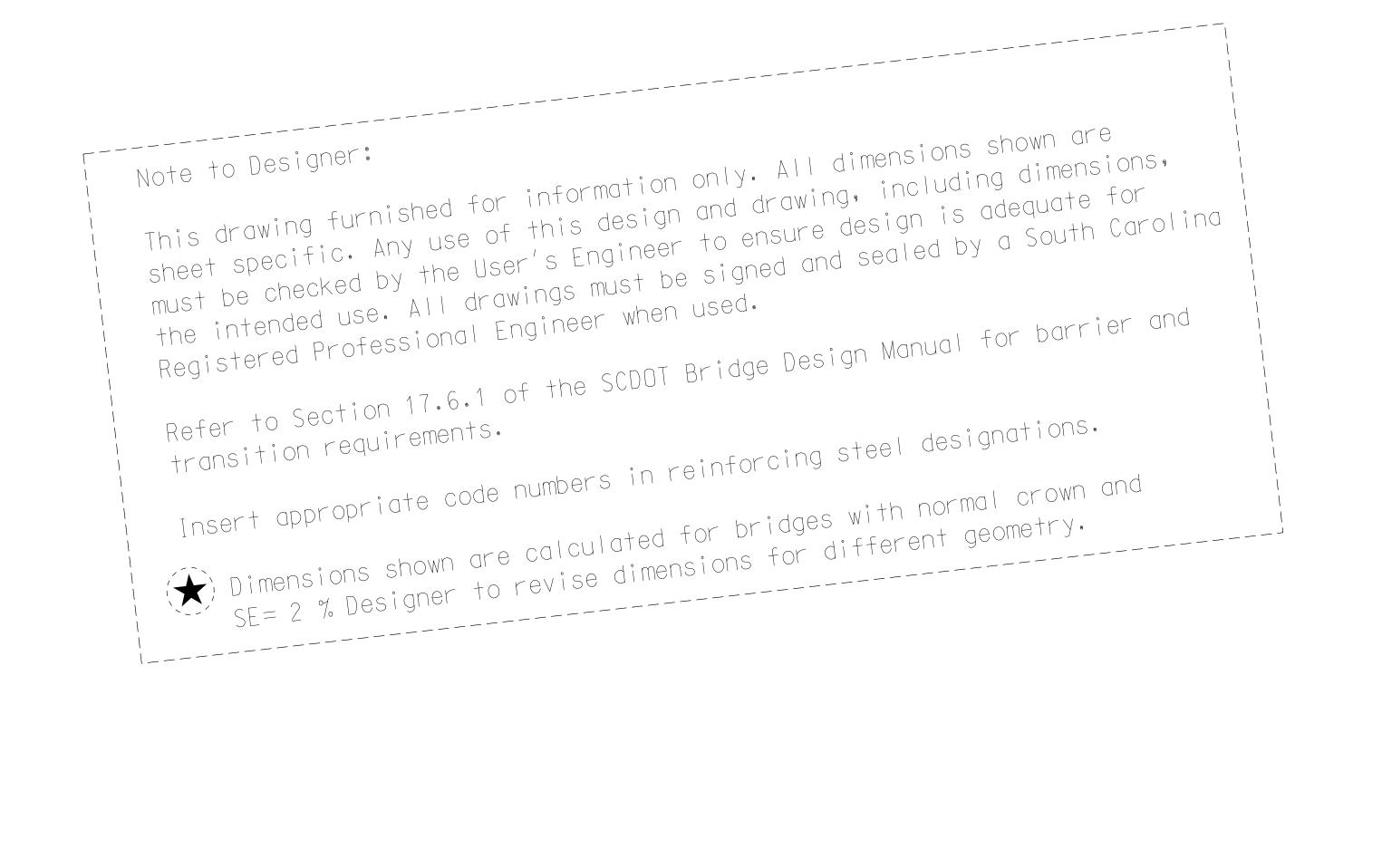
REV.	XXX	XXX	XX-XX	
REV.	XXX	XXX	$\times \times - \times \times$	
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QUAN.	XXX	XXX	XX-XX	
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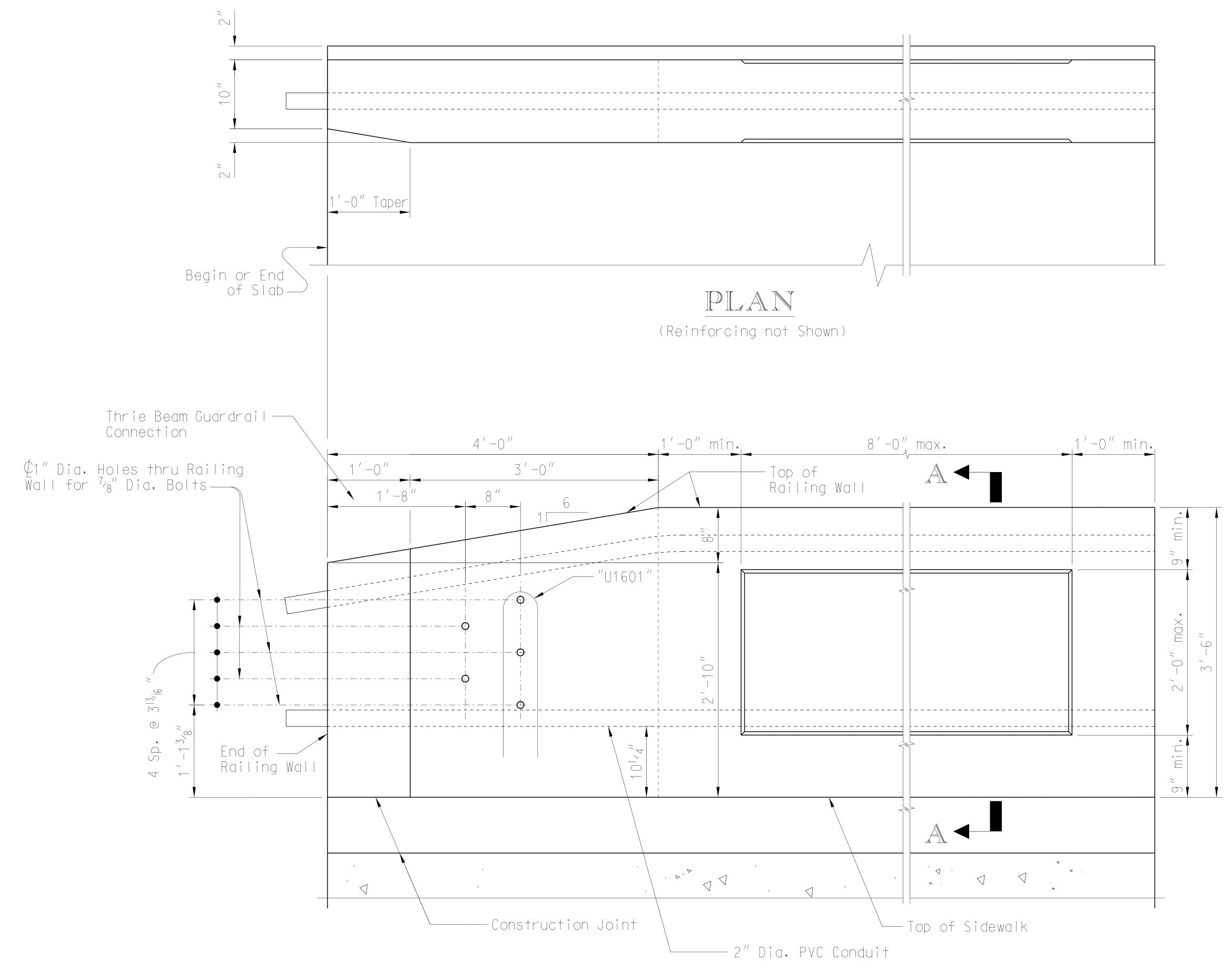
SOUTH CAROLINA

| XXX | XXX | XXX | XX-XX | DEPARTMENT OF TRANSPORTATION |

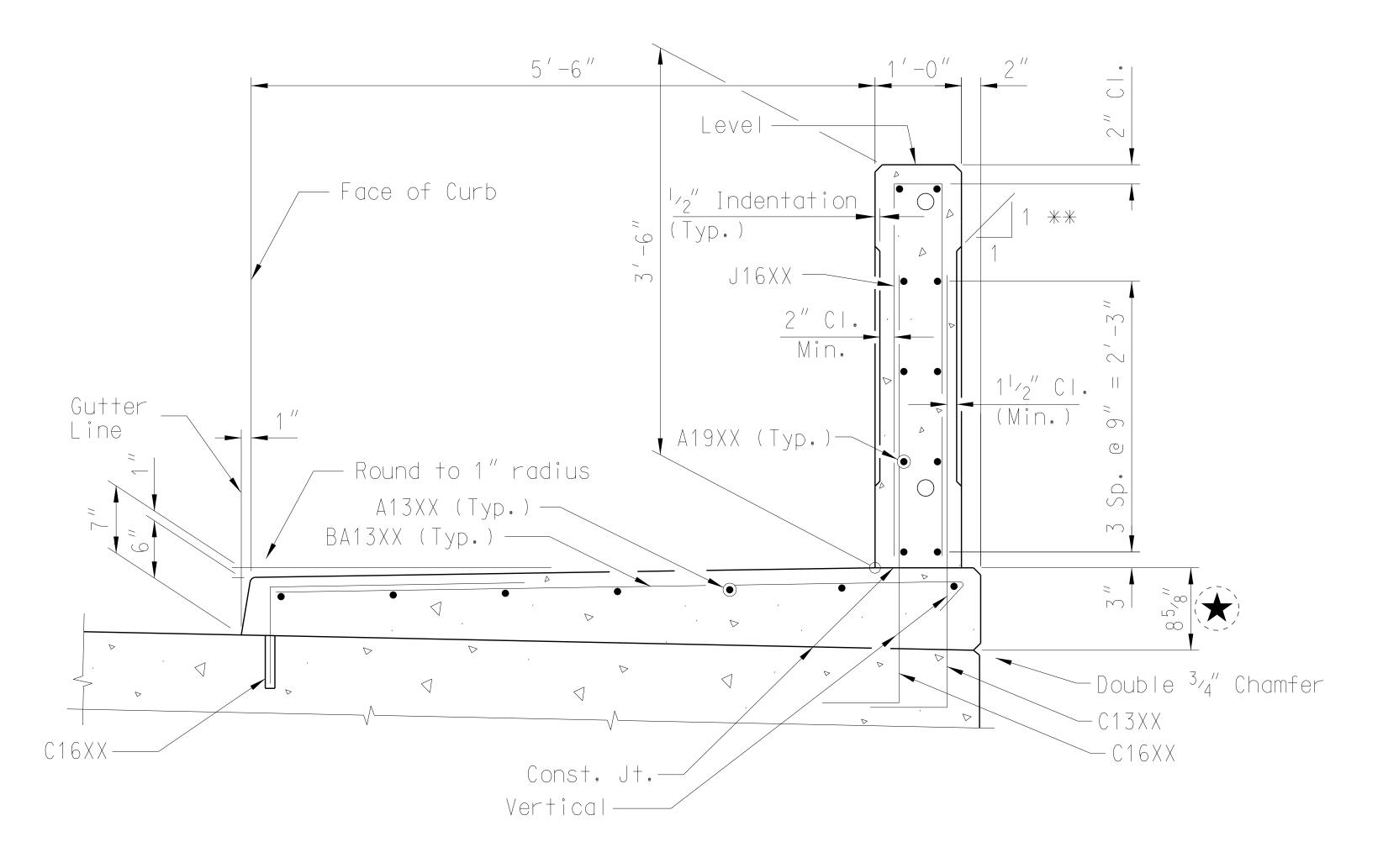
MASH BARRIER 2 OF 2

XX - XXX





PEDESTRIAN RAILING WALL WITH TRANSITION DETAILS (Reinforcing not Shown)

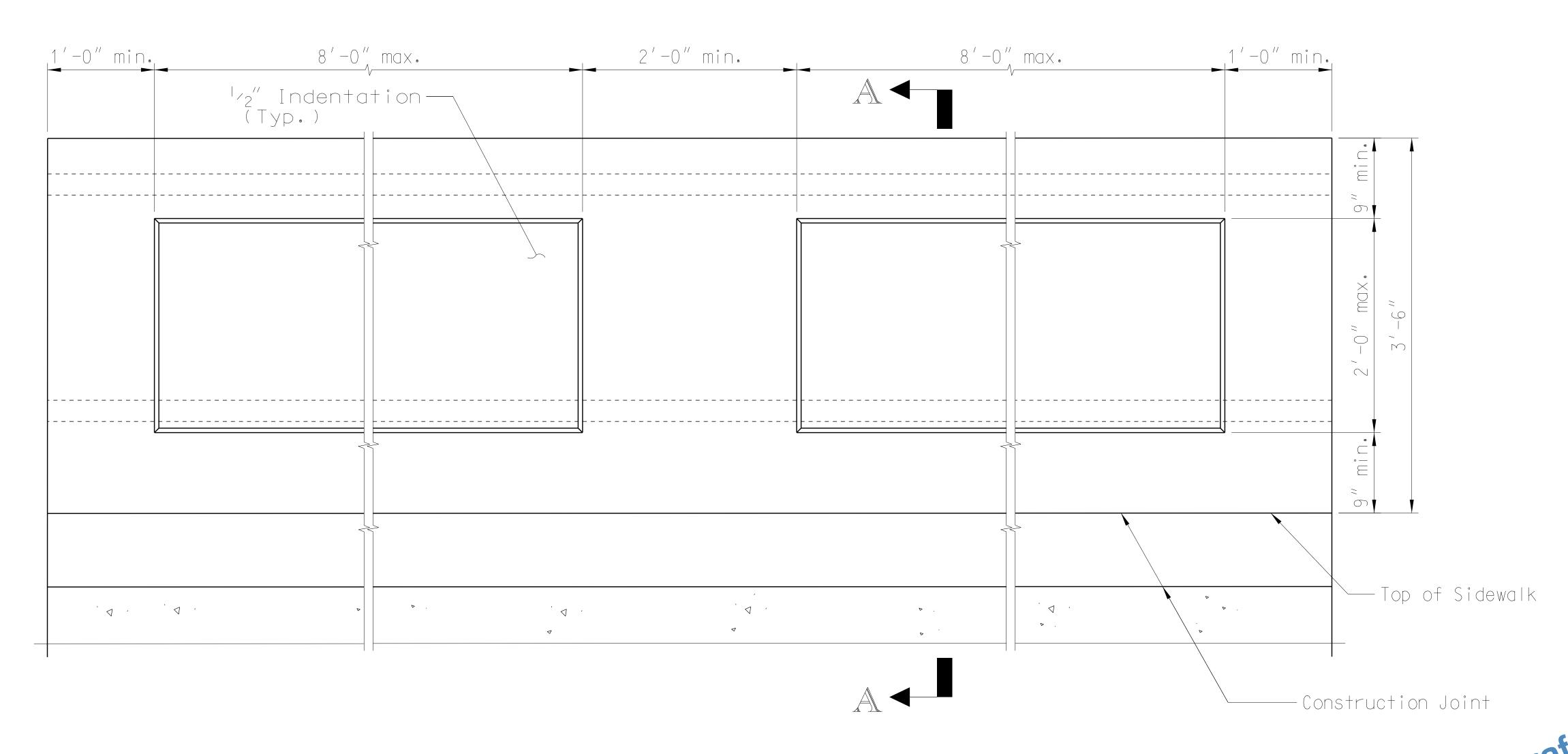


SECTION A-A (Slab Reinforcing not Shown)

*
Adhesively bonded dowel bars, conforming to the requirements of the Supplemental Specifications.

** Typical at all locations where transitioning from indentation to full width of railing wall.

PEDESTRIAN RAILING WALL DETAILS

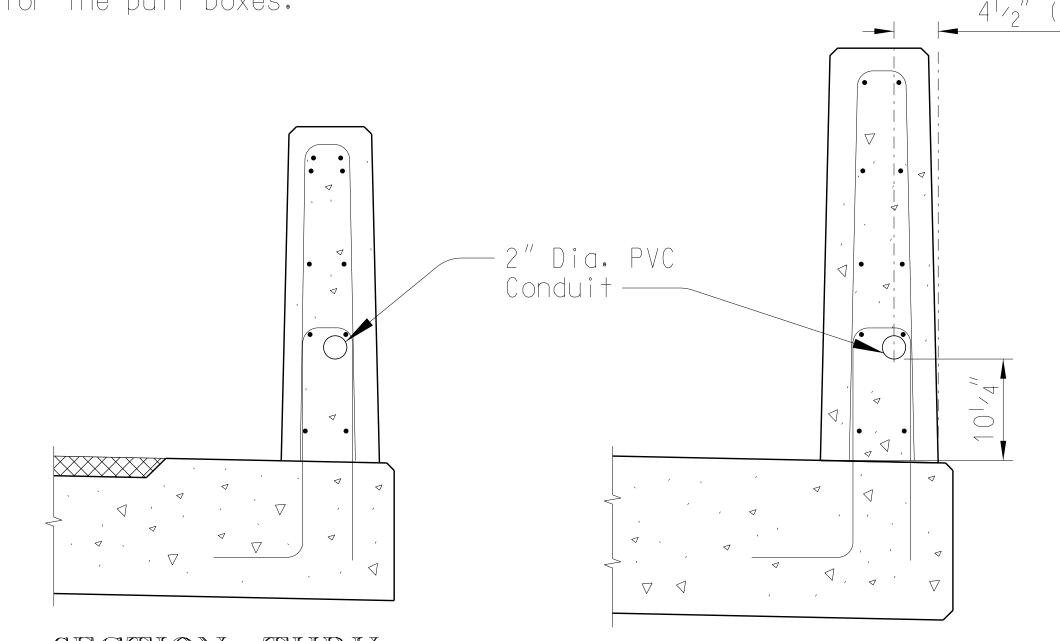


PEDESTRIAN RAILING WALL DETAILS

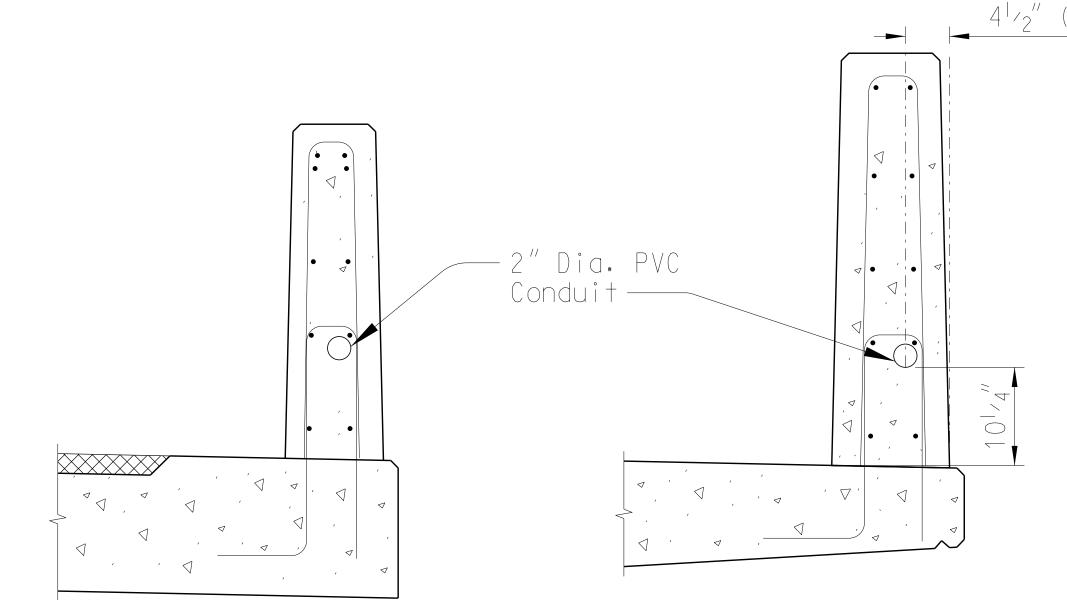
(Reinforcing not Shown)

Furnish Schedule 80 PVC rigid nonmetallic conduits in accordance with NEMA TC-2 and UL Standard 651 and furnish fittings in accordance with NEMA TC-3 and UL Standard 514B. Furnish conduit and fittings with UL labels: conduit - on each 10 foot length; fittings - stamped or molded on each fitting. Connect conduit and fittings using solvent cement in accordance with manufacturer's recommendations.

Furnish and install NEMA Type 4X non-metallic or galvanized steel pull boxes sized in accordance with NEC requirements and the maximum limits shown. Provide gasketed weatherproof covers for the pull boxes.



SECTION THRU SECTION THRU BARRIER TRANSITION BARRIER PARAPET



SECTION THRU BARRIER TRANSITION

SECTION THRU BARRIER PARAPET

DETAILS OF CONDUIT BARRIER PARAPET

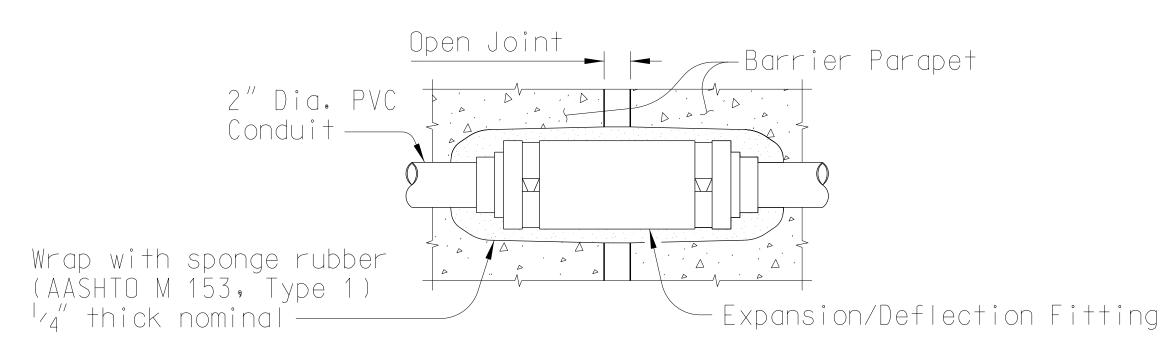
(Typ. ea. side of bridge)

Use Schedule 80 PVC nonmetallic pipe for conduit.

Extend conduits 6 inches beyond each end of the barrier parapet transition and cap with watertight covers.

Provide expansion fittings and/or expansion/deflection fittings at all open joints in the barrier parapet. \sim

Include all costs for furnishing and installing conduit, expansion/deflection and/or expansion fittings, and any incidentals required in the unit price bid for 2.0'' Schedule $\sqrt{\text{pes}^{3}}$ 80 PVC Conduit.



EXPANSION / DEFLECTION FITTING DETAIL

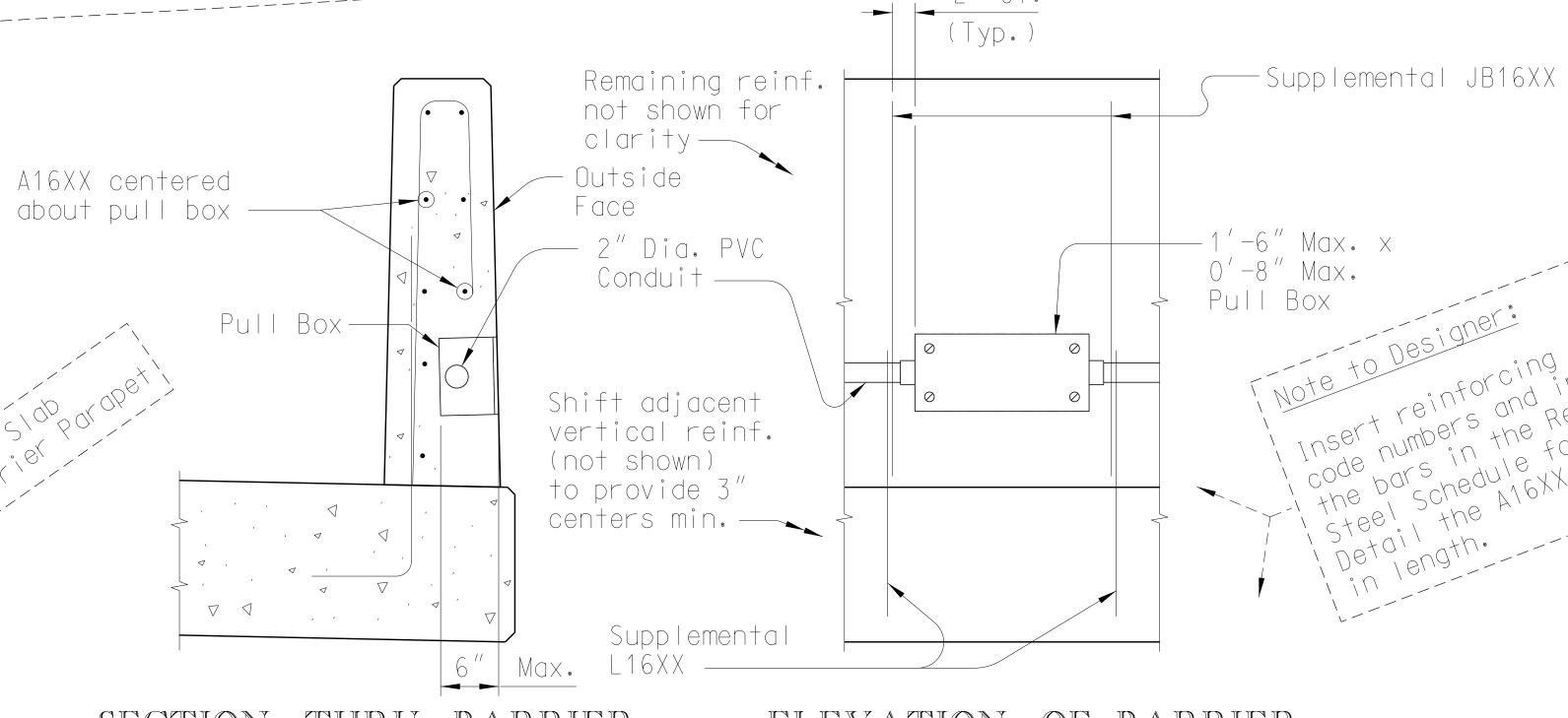
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Incorporate into the set of Bridge Plans the appropriate details for two separate 2" diameter Schedule 80 PVC | conduit in all concrete bridge barrier parapets and concrete railing walls. Include the applicable | Consumer the applicable notes. | Expansion | Expansion | Expansion | Deflection | Fitting detail and the applicable notes. | Expansion | | Expunsion/Deriociton | Interior bents of bridges with tangent alignments where little or | Fittings should be detailed for open joints at interior bents of bridges and detailed for open joints at interior bents of bridges with tangent alignments where little or |

no transverse movement is expected. Expansion/Deflection Fittings should be detailed for open expansion joints of bridges with curved alignments and for open joints at end bents where transverse movement or rotation is expected. At openings where either type of fitting is acceptable, the Expansion Fitting should be detailed. LAPOUTOU. AT OPOITINGS WHOLD CLINICE TYPE OF TITTING TO ACCEPTUDIE, THE LAPOHOLOUIT TITTING SHOULD BE METULIFED.

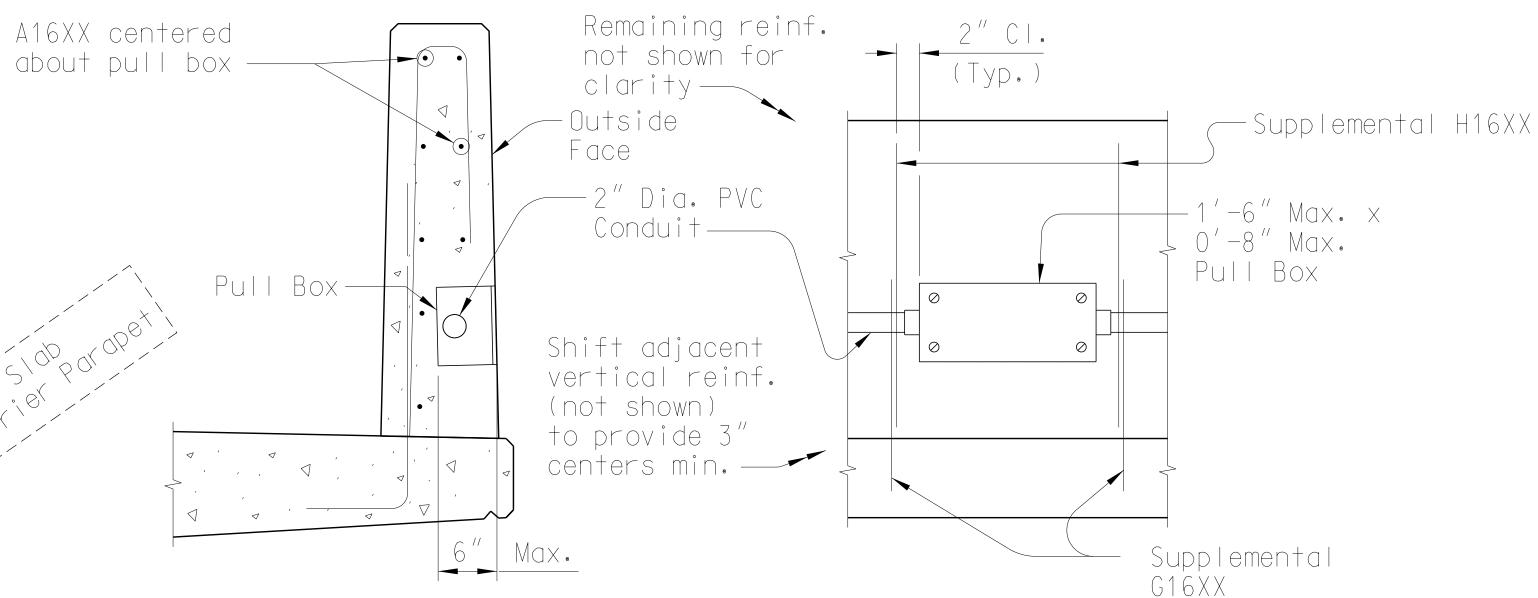
If both Expansion Fittings and Expansion/Deflection Fittings are detailed, identify which type of fitting is

required at each open joint in the concrete bridge barrier parapet or concrete railing wall. For any conduit lengths in excess of 300', detail pull boxes. If Dais Constant Cabadala Cara the acceptance of the constant of numbers in the drawing and include the bars in the Reinforcing Steel Schedule for the superstructure.



SECTION THRU BARRIER PARAPET AT PULL BOX

ELEVATION OF BARRIER PARAPET AT PULL BOX



SECTION THRU BARRIER PARAPET AT PULL BOX

ELEVATION OF BARRIER PARAPET AT PULL BOX

CONDUIT PULL BOX DETAILS

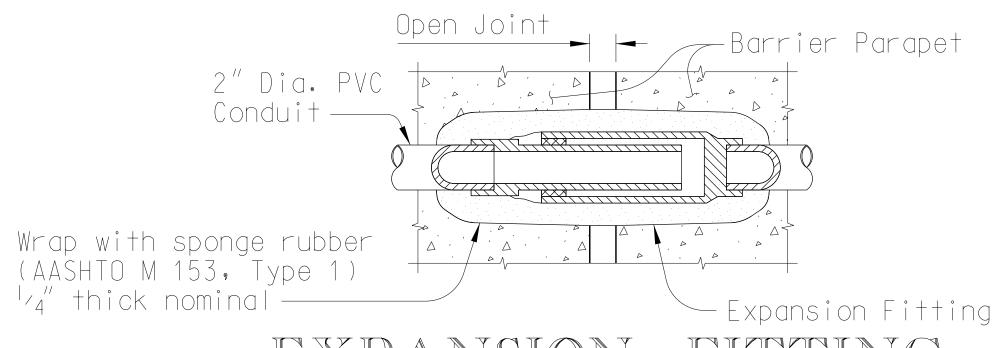
Mount nonmetallic or galvanized steel pull boxes flush with the outside face of the barrier parapet.

Space pull boxes at no more than 300 feet and a minimum of 10 feet from an open joint in the barrier parapet. Do not locate pull box within the barrier parapet transition.

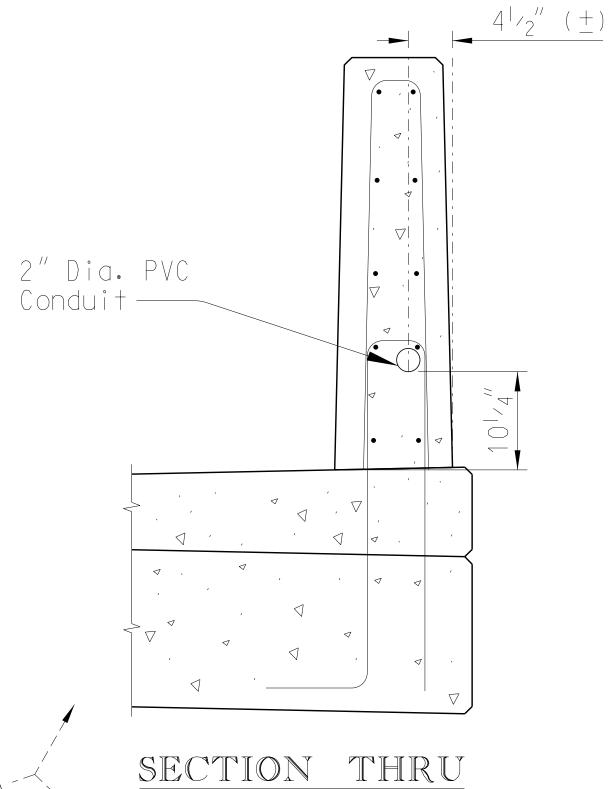
Provide pull boxes with gasketed weatherproof covers.

Field cut and/or bend barrier reinforcing along outside face around the pull boxes as necessary to provide 2 inch clearance between the reinforcing and the pull boxes.

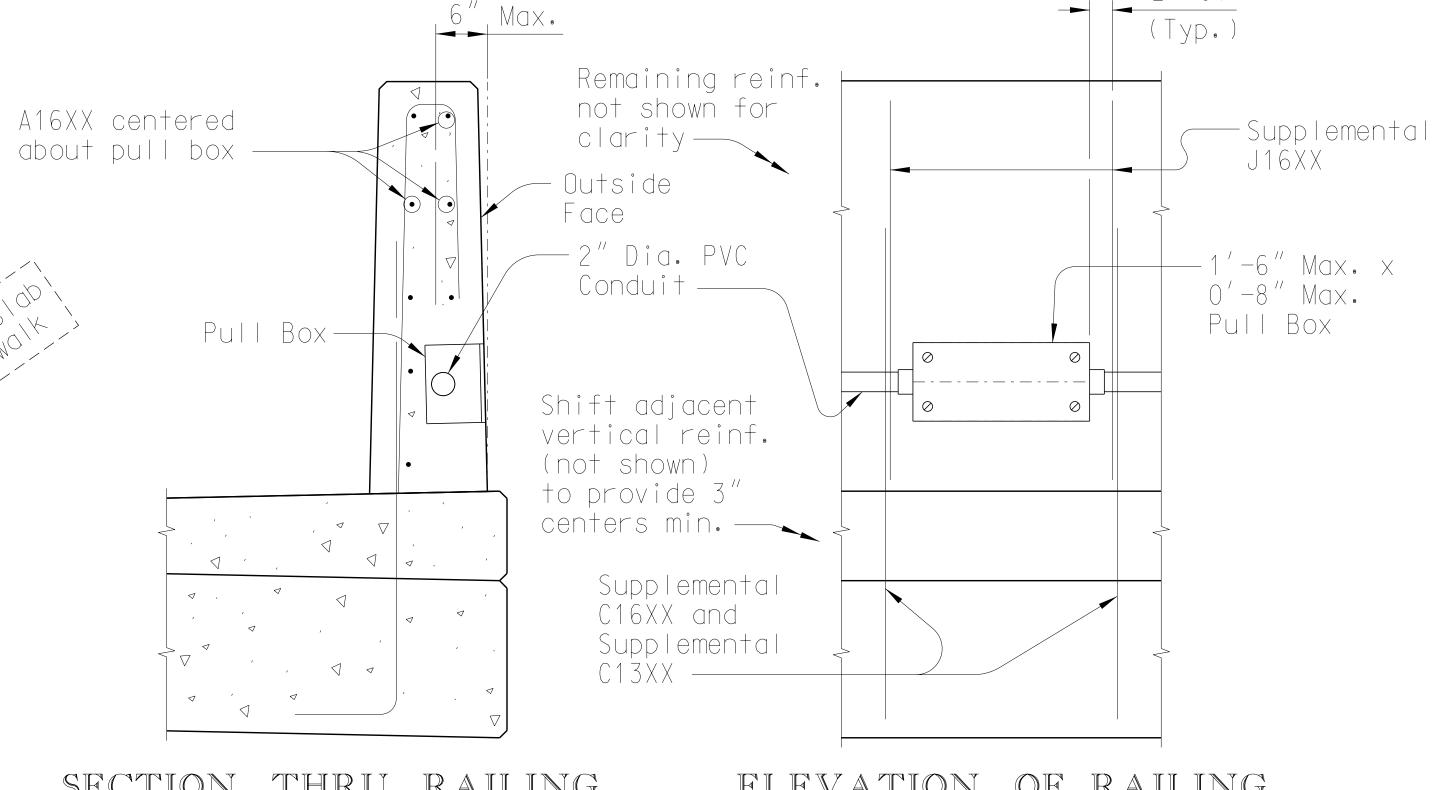
Include all costs for furnishing and installing pull boxes and any incidentals required in the unit price bid for 2.0" Schedule 80 PVC Conduit. Supplemental pull box reinforcement is included in the Superstructure Reinforcing Steel Schedule.



DETAIL

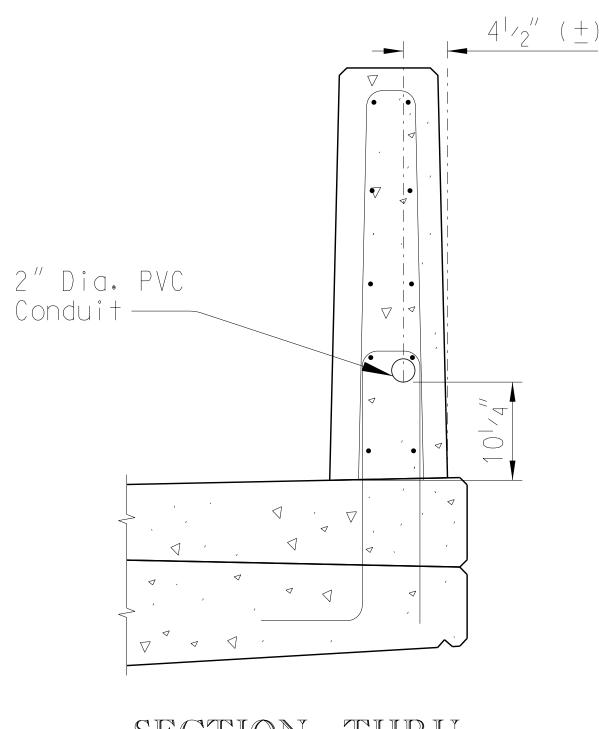


RAILING WALL



SECTION THRU RAILING WALL AT PULL BOX

ELEVATION OF RAILING WALL AT PULL BOX



SECTION THRU RAILING WALL

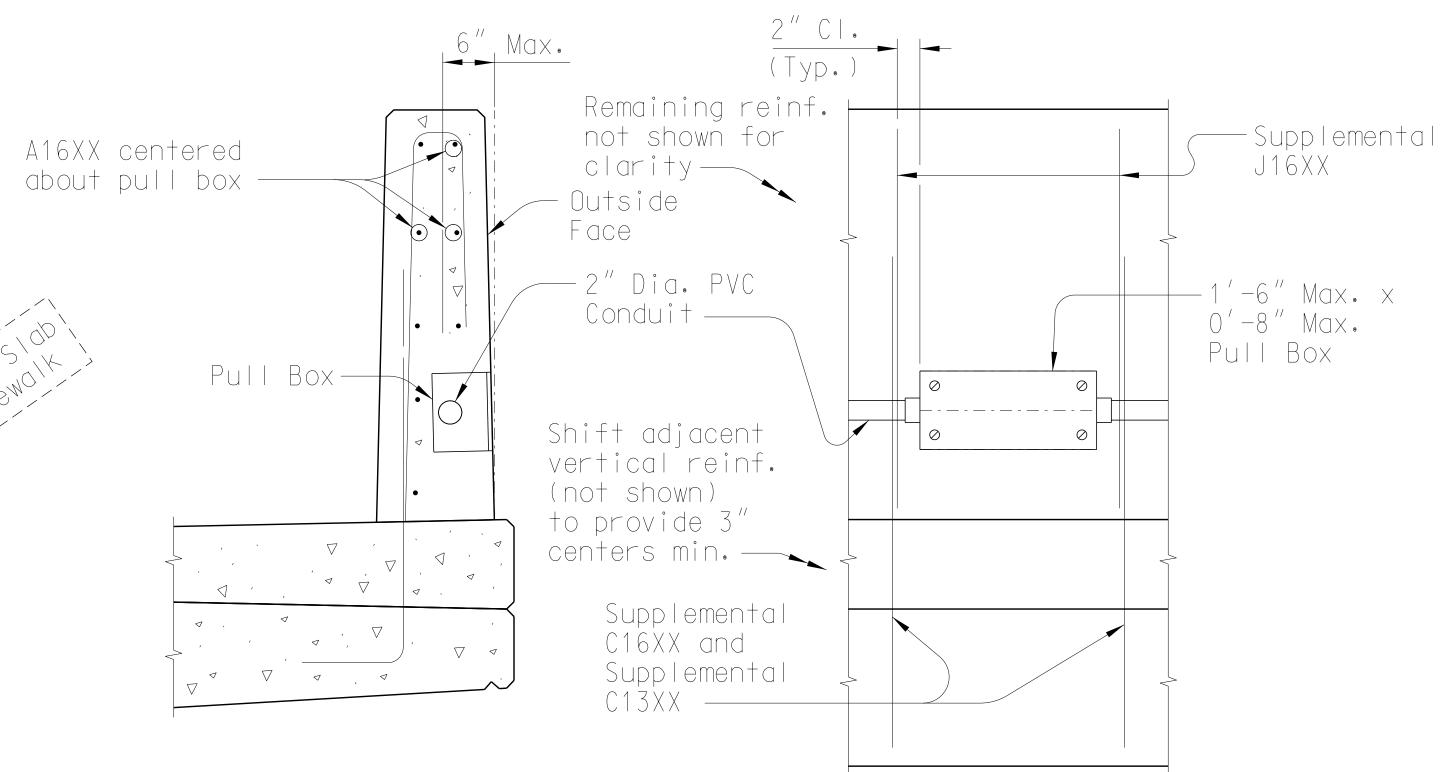
DETAILS OF CONDUIT RAILING WALL

(Typ. ea. side of bridge) Use Schedule 80 PVC nonmetallic pipe for conduit.

Extend conduits 6 inches beyond each end of the barrier parapet transition and cap with watertight covers.

Provide expansion fittings and/or expansion/deflection 🖊 fittings at all open joints in the railing wall.

Include all costs for furnishing and installing conduit, expansion/deflection and/or expansion fittings, and any incidentals required in the unit price bid for 2.0" Schedule 80 PVC Conduit.



SECTION THRU RAILING WALL AT PULL BOX

ELEVATION OF RAILING WALL AT PULL BOX

CONDUIT PULL BOX DETAILS

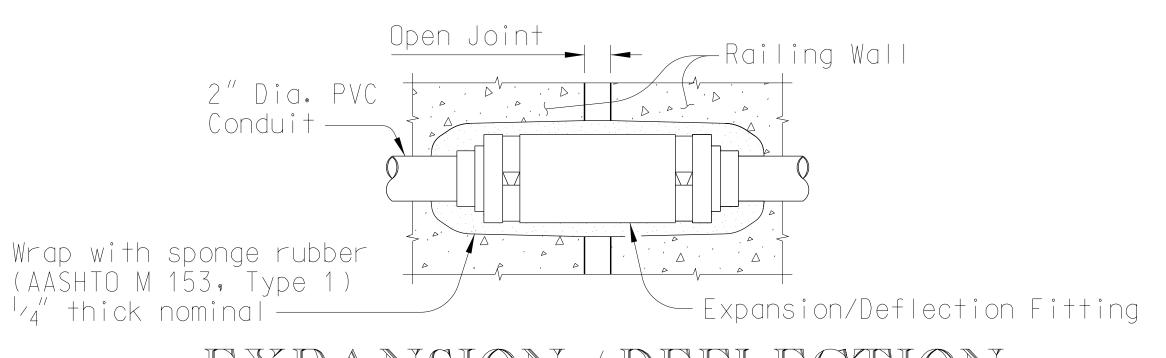
Mount nonmetallic or galvanized steel pull boxes flush with the outside face of the railing wall.

Space pull boxes at no more than 300 feet and a minimum of 10 feet from an open joint in the railing wall.

Provide pull boxes with gasketed weatherproof covers.

Field cut and/or bend railing wall reinforcing along outside face around the pull boxes as necessary to provide 2 inch clearance between the reinforcing and the pull boxes.

Include all costs for furnishing and installing pull boxes and any incidentals required in the unit price bid for 2.0" Schedule 80 PVC Conduit. Supplemental pull box reinforcement is included in the Superstructure Reinforcing Steel Schedule.



FITTING DETAIL

