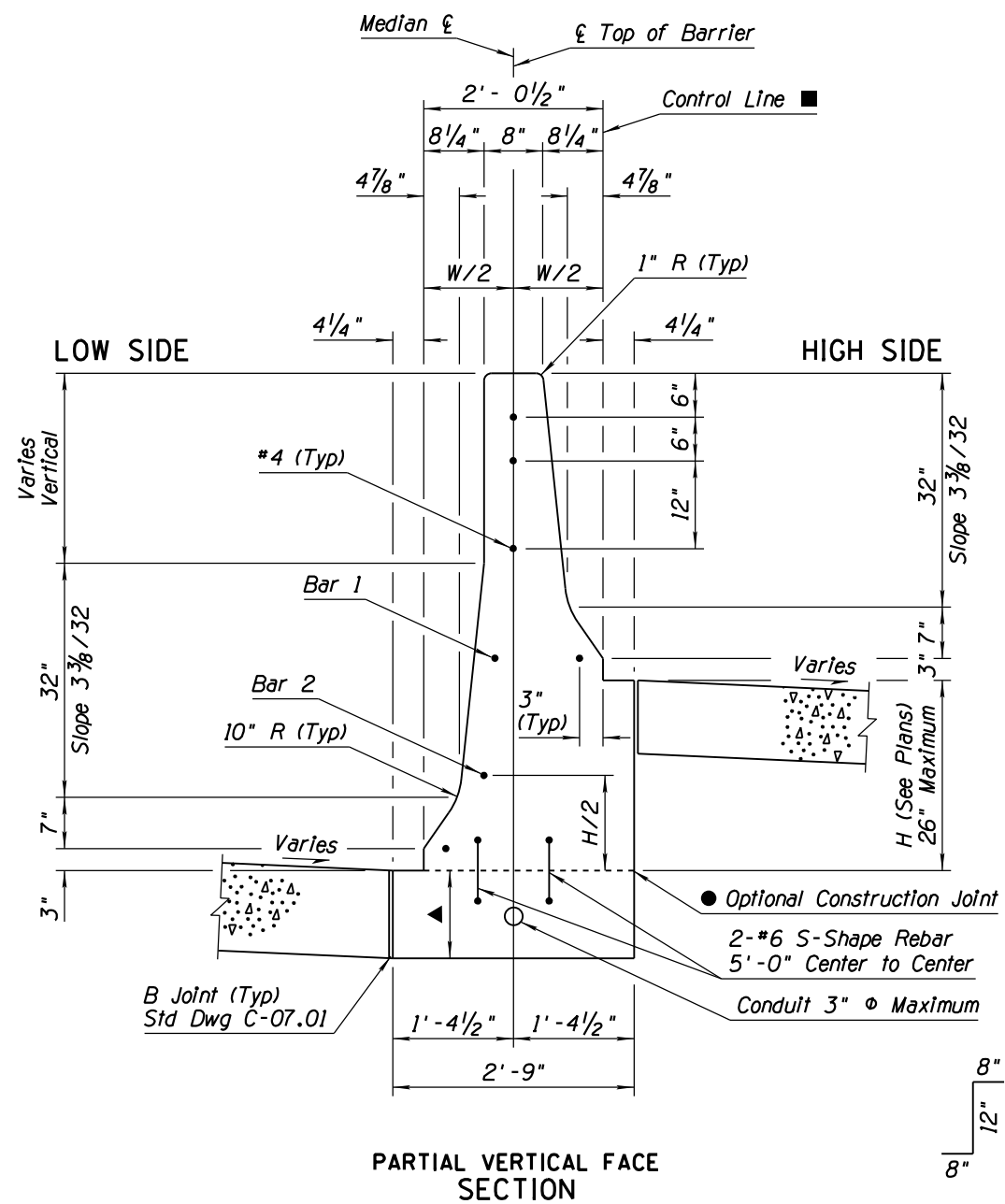


Note to Designer: The information presented in this Standard Drawing has been prepared in accordance with recognized engineering principles and is for general use. It should not be used for specific application without competent professional examination and verification of its suitability and applicability by a licensed professional engineer. Contents within the inner border line shall not be altered.

PRIOR DISTRIBUTION DATE



Height (H)	Bar 1	Bar 2
0" to 6"		
6" to 12"	X	
12" to 26"	X	X

X - Indicates #4 Rebar To Be Included

GENERAL NOTES

- Design Specifications- AASHTO LRFD Design Specifications, 4th Edition, 2007.
- Barrier concrete shall be Class S, $f'_c=4500$ PSI.
- All rebar shall be Grade 60.
- All bends and hooks shall meet the requirements of AASHTO LRFD Article 5.10. All bend dimensions for rebar shall be out-to-out of bars. All placement dimensions shall be to center of bars unless noted otherwise.
- All rebar shall have 2-inch clear cover unless noted otherwise.
- Longitudinal rebar shall extend 12" past the construction joint at the completion of each incremental pour.
- Median Barrier shall be constructed by the slip form or formed cast-in-place methods only.
- Where obstacles prevent slip forming, stationary forms shall be used.
- The terminology 'Low Side' and 'High Side' are used for reference purposes only. The barrier details shall be mirrored if required by the adjacent pavement elevations.
- Backfilling and/or embankment placement on the High Side shall not commence until the PCCP is constructed on the Low Side.
- The Median Barrier has been designed to accommodate a maximum of 2 - 3" ϕ conduits. Locate conduits as required to make connection to pull boxes and appurtenances.
 - If footing and barrier are constructed monolithically, #6 S-Shape rebar is not required.
 - The contractor shall provide Control Line offsets to the Engineer prior to construction of the Median Barrier. The offsets shall be provided at sufficient intervals to control the location of the barrier construction equipment and forms.
 - W/2 - Bottom faces of Median Barrier shall be equidistant from Median ξ .
 - ▲ Footing depth shall match adjacent PCCP thickness and shall consist of either:
 - full-depth concrete (as shown), or
 - 8" concrete over compacted AB (Class 2).
 See Special Provisions for measurement and payment.

STANDARDS ENGINEER
J. C. COOPER
 RECOMMENDED FOR APPROVAL
 GROUP MANAGER
D. R. HENRY
 APPROVED
 STANDARDS COMMITTEE APPROVED FOR DISTRIBUTION 12/17
 DATE

ARIZONA DEPARTMENT OF TRANSPORTATION
 INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
ROADWAY GROUP STANDARD DRAWING

CONCRETE MEDIAN BARRIER
 42" TYPE "F" WITH VARIABLE
 HEIGHT SIDES H = 0" TO 26"

DRAWING NO.
C-10.44
 Sheet 1 of 2