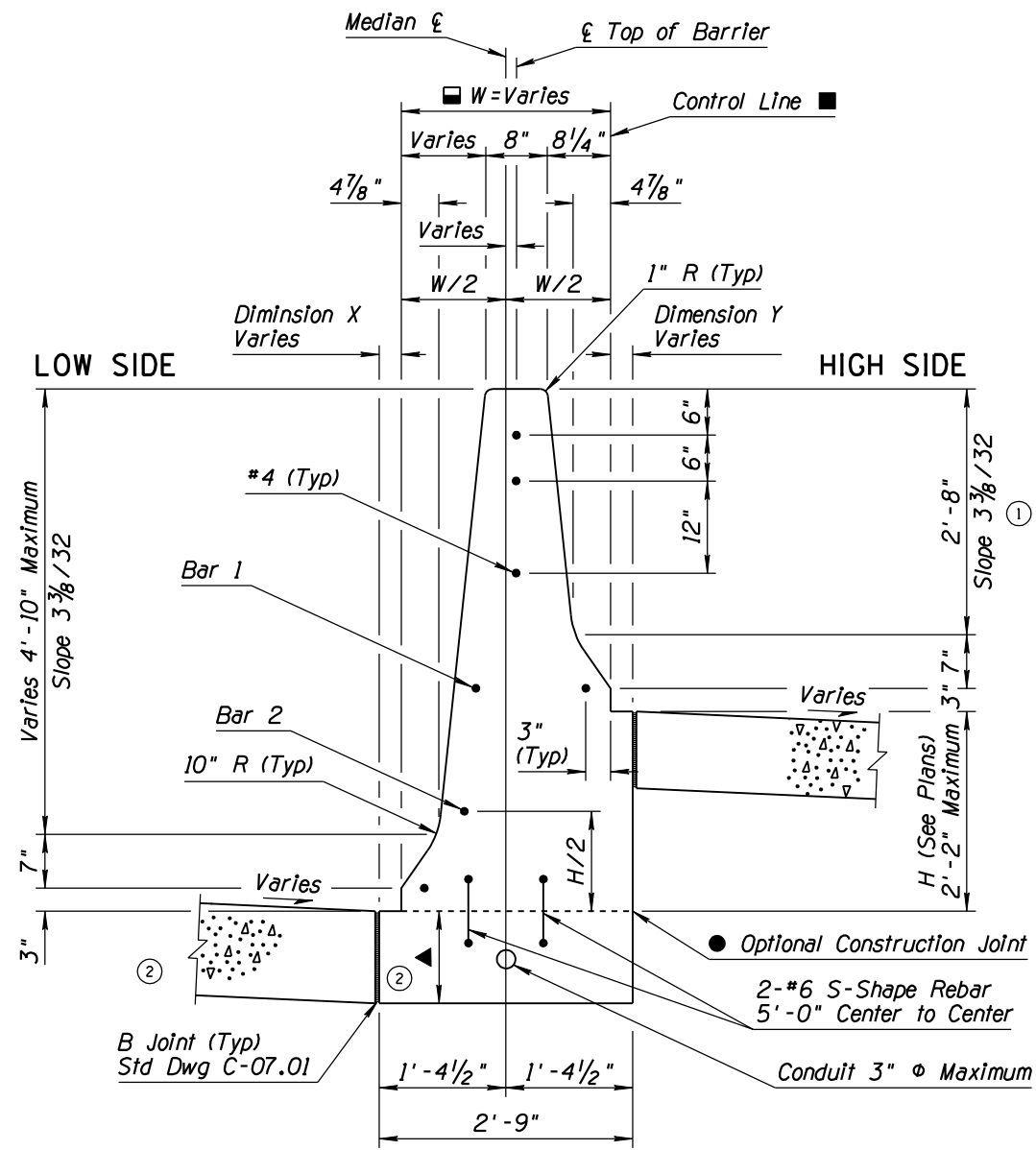


Date: 12/06/10

Note to Designer: The information presented in this Roadway Plans Detail is for general use. Designers should satisfy themselves that their project site conditions are appropriate for use of this drawing. Contents within the inner border shall not be altered, except for the addition of the Detail designation.



SLOPED FACE ALTERNATIVE SECTION

Height (H)	Bar 1	Bar 2
0" to 6"		
6" to 1'-0"	X	
1'-0" to 2'-2"	X	X

X - Indicates #4 Rebar To Be Included

GENERAL NOTES

1. Construction Specifications - Arizona Department of Transportation Standard Specifications for Road and Bridge Construction, Current Edition.
 2. Design is consistent with FHWA Memorandum - NCHRP 350 Nonproprietary Guardrails and Median Barriers.
 3. All concrete shall be Class 'S' ($f'_c=4000$ PSI).
 4. Rebar shall conform to ASTM Specification A615/A615M. All rebar shall be Grade 60.
 5. 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.
 6. All rebar shall have 2-inch clear cover unless noted otherwise.
 7. Longitudinal rebar shall extend 12" past the construction joint at the end of each incremental pour.
 8. Median Barrier shall be constructed by the slip form or formed cast-in-place methods only.
 9. Where obstacles prevent slip forming, stationary forms shall be used.
 10. 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.
 11. Backfilling and/or embankment placement on the High Side shall not commence until the PCCP is constructed on the Low Side.
 12. 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 (in) = $24\frac{1}{2}$ (in) + $3\frac{3}{8}/32 * H$ (in)
Dimension X = Dimension Y = $1'-4\frac{1}{2}" - W/2$
 $W/2$ - Bottom faces of Median Barrier shall be equidistant from Median ξ .
- ② ▲ Footing depth shall match adjacent PCCP thickness and shall consist of either
- a) full-depth concrete (as shown), or
 - b) 8" concrete over compacted AB (Class 2).
- See Special Provisions for measurement and payment.

DETAIL

Sheet 2 of 2
MEDIAN BARRIER 42" TYPE 'F'
WITH VARIABLE HEIGHT SIDES
H = 0 to 2'-2"

DESIGN APPROVED J.C. Cooper		ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION Mary Vigarina			
ROUTE	LOCATION	SHEET	OF
TRACS NO.		___ OF ___	

NO	DESCRIPTION OF REVISIONS	DATE
1	ADDED SLOPE VALUE	12/01/08
2	REVISED SECTION VIEW AND NOTE	12/06/10
3		
4		