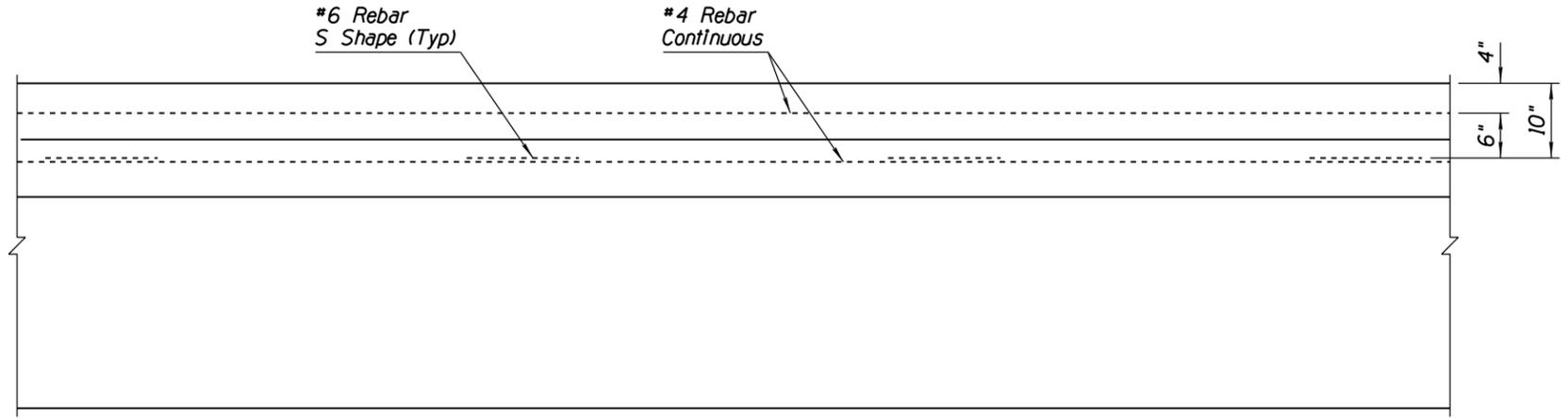


Note to Designer: The information presented in this Standard Drawing has been prepared in accordance with recognized engineering principles and is for general use. It should not be used for specific application without competent professional examination and verification of its suitability and applicability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

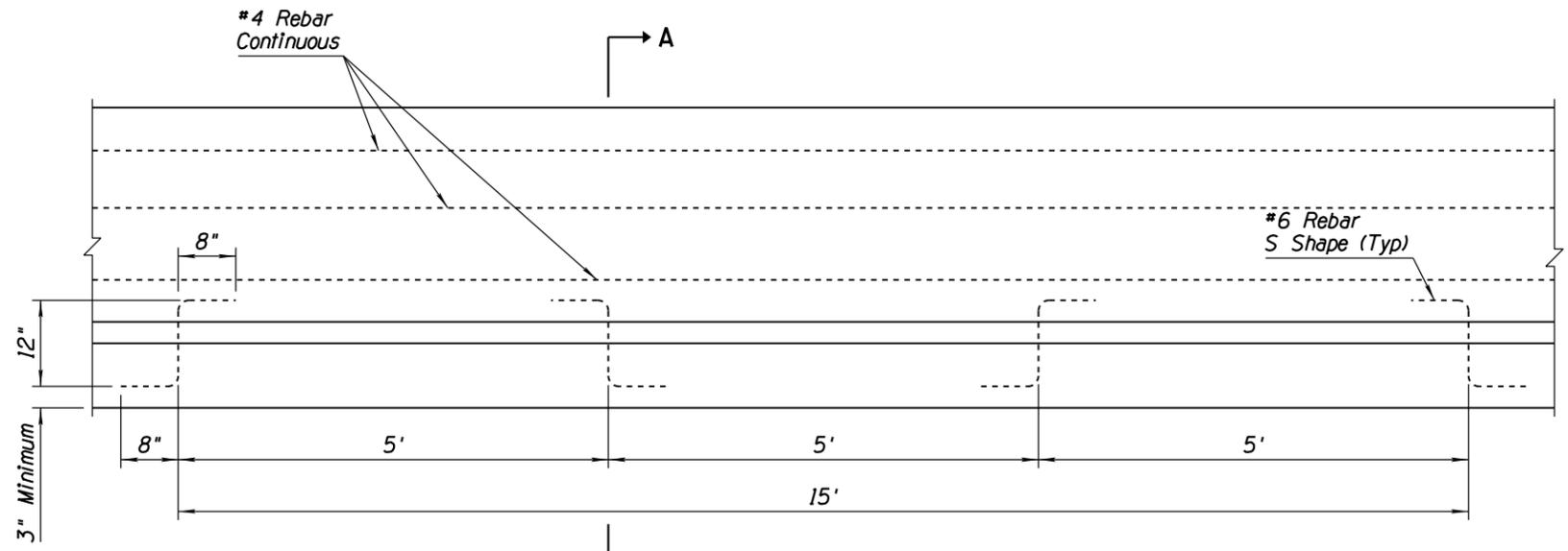
PRIOR DISTRIBUTION DATE 05/12

GENERAL NOTES

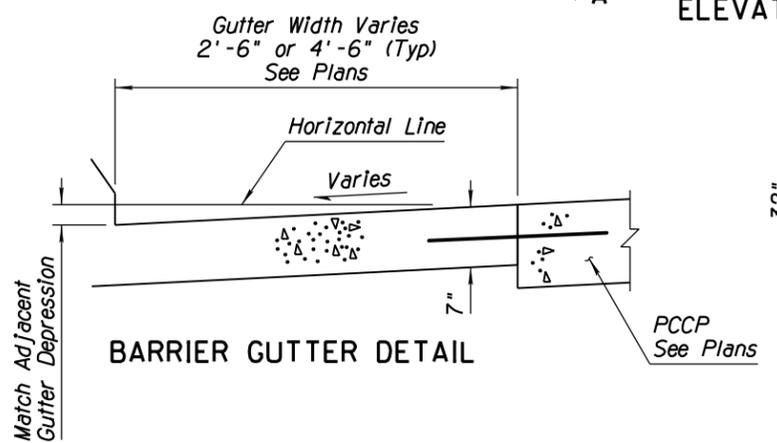
1. Half Barrier shall be constructed by the slip or fixed form method.
2. When obstacles prevent the use of slip form equipment, stationary forms shall be used.
3. Barrier concrete shall be Class S, $f'_c=4500$ PSI.
4. Rebar shall be Grade 60.
5. #4 rebar shall extend 12" past the construction joint at the completion of the day's pour.
6. Gutter thickness can be adjusted to match the PCCP thickness, as approved by the Engineer.
7. When the pavement section slopes away from the gutter, the slope of the gutter shall match the pavement cross slope. Therefore, the 2" gutter depression is not applicable.
8. At bridges, the cross slope of the gutter shall transition to match the cross-slope of the bridge. Length of the transition is 15'.
9. Two-inch deep contraction joints shall be placed in the gutter at locations which match the joints in adjacent PCCP. Joints shall be hand-tooled or sawn.
10. Whenever Half Barrier is backfilled, see Std Dwg C-10.50 for weep hole details, unless otherwise specified on the plans.



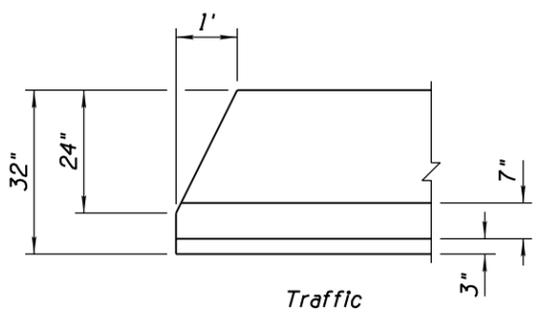
PLAN



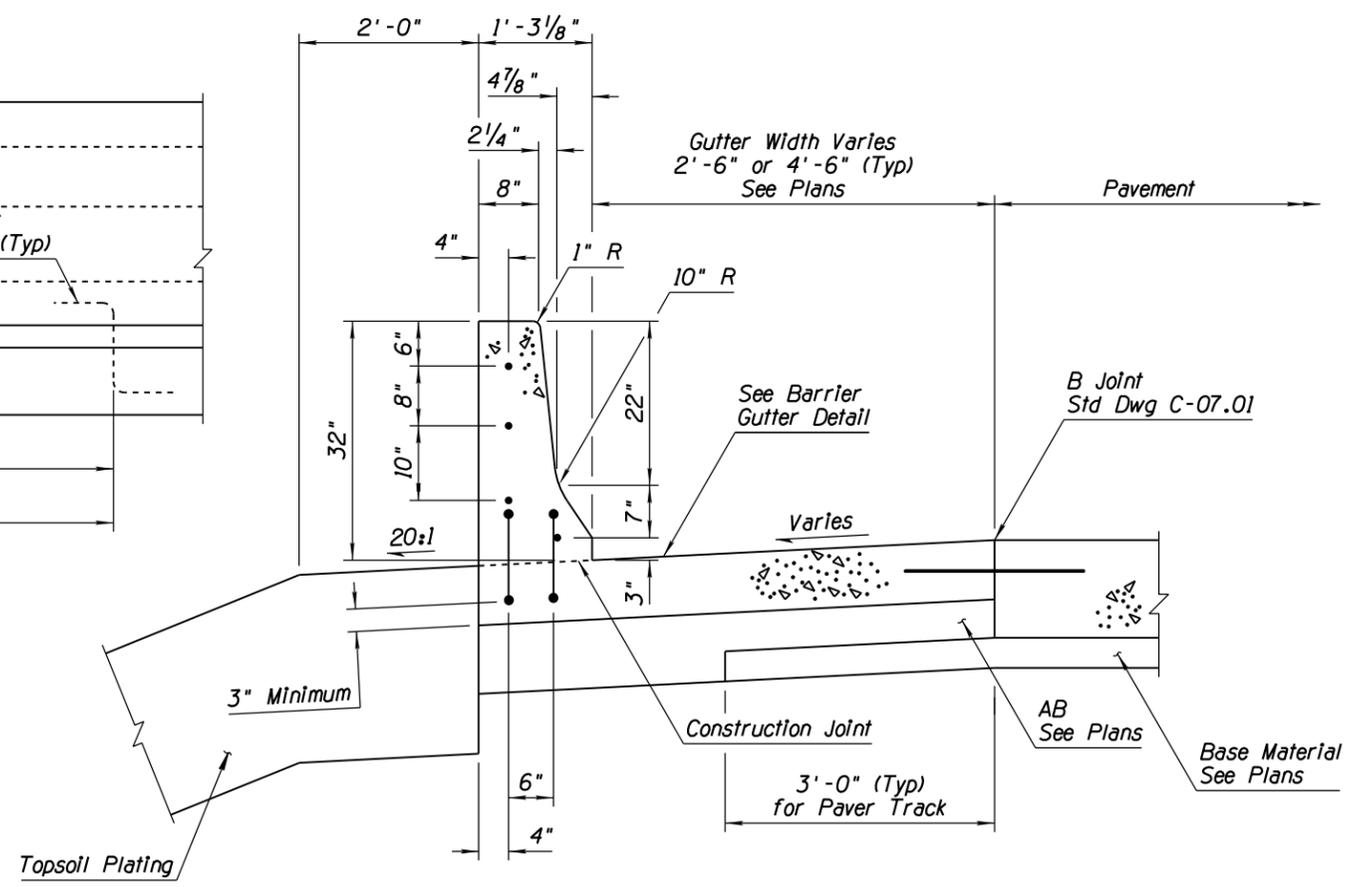
ELEVATION



BARRIER GUTTER DETAIL



ELEVATION DEPARTURE TERMINATION WITHOUT GUARDRAIL



SECTION A-A

STANDARDS ENGINEER J. C. COOPER	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP STANDARD DRAWING	
RECOMMENDED FOR APPROVAL		
GROUP MANAGER D. R. HENRY		
APPROVED		
STANDARDS COMMITTEE APPROVED FOR DISTRIBUTION	12/17 DATE	DRAWING NO. C-10.52
CONCRETE HALF BARRIER 32" TYPE 'F' WITH GUTTER		