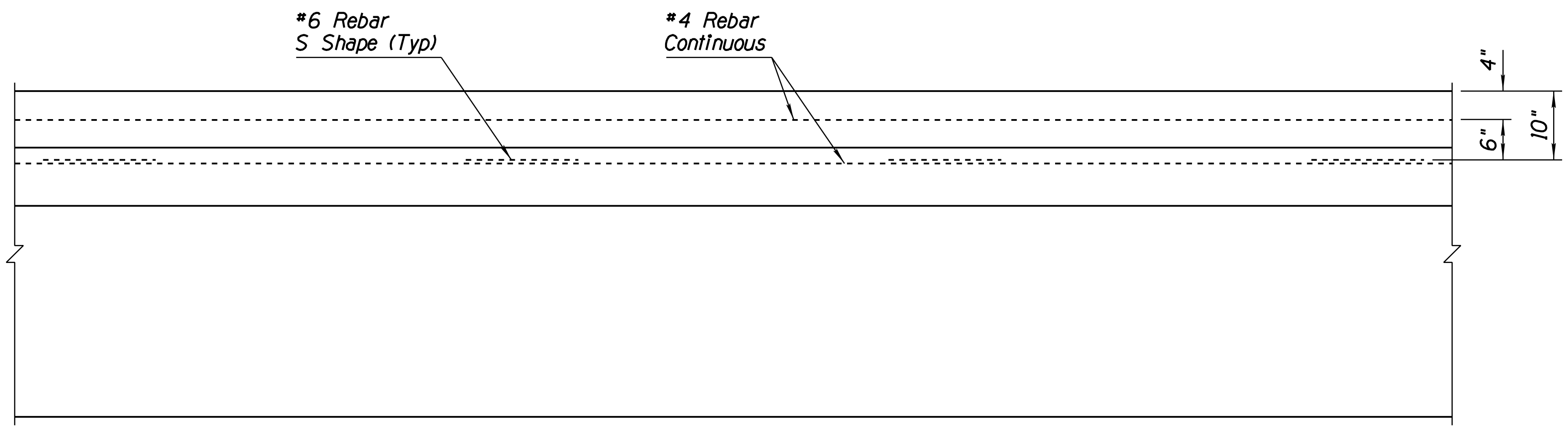
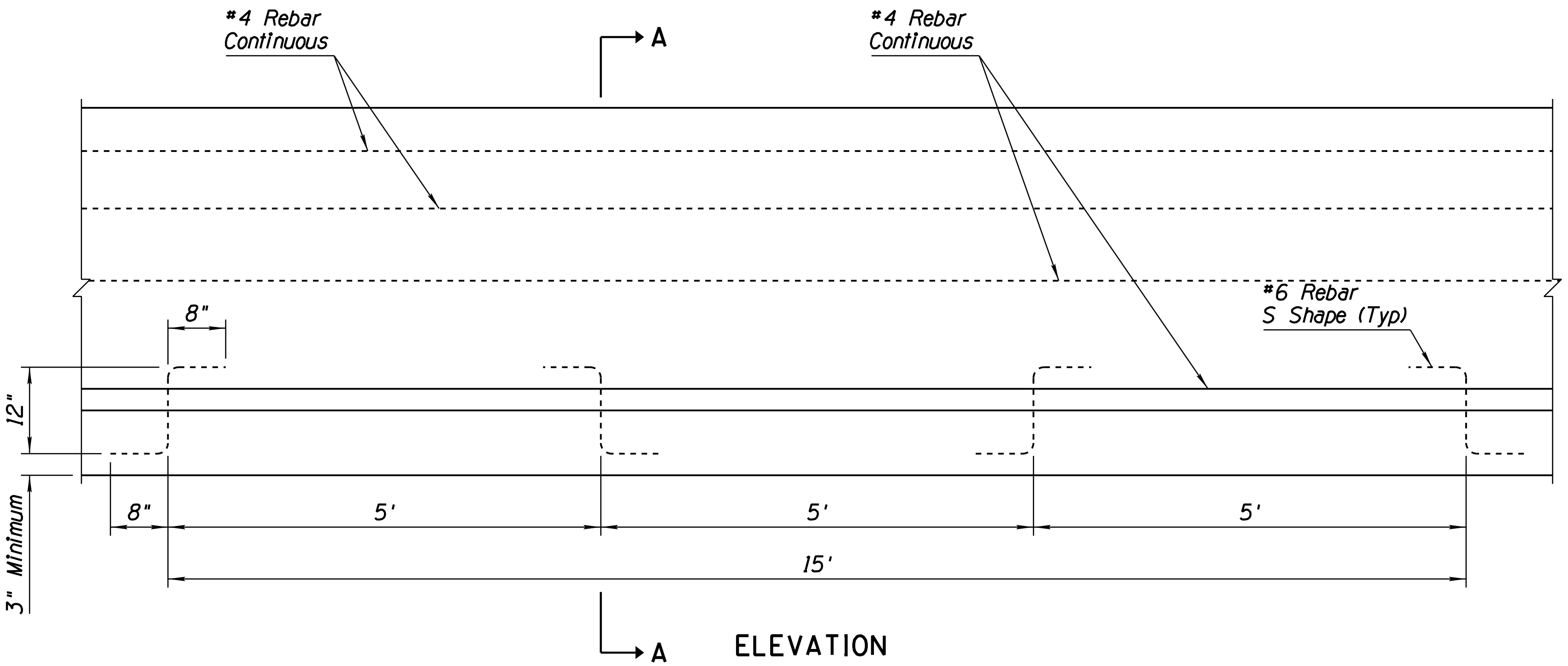
GENERAL NOTES

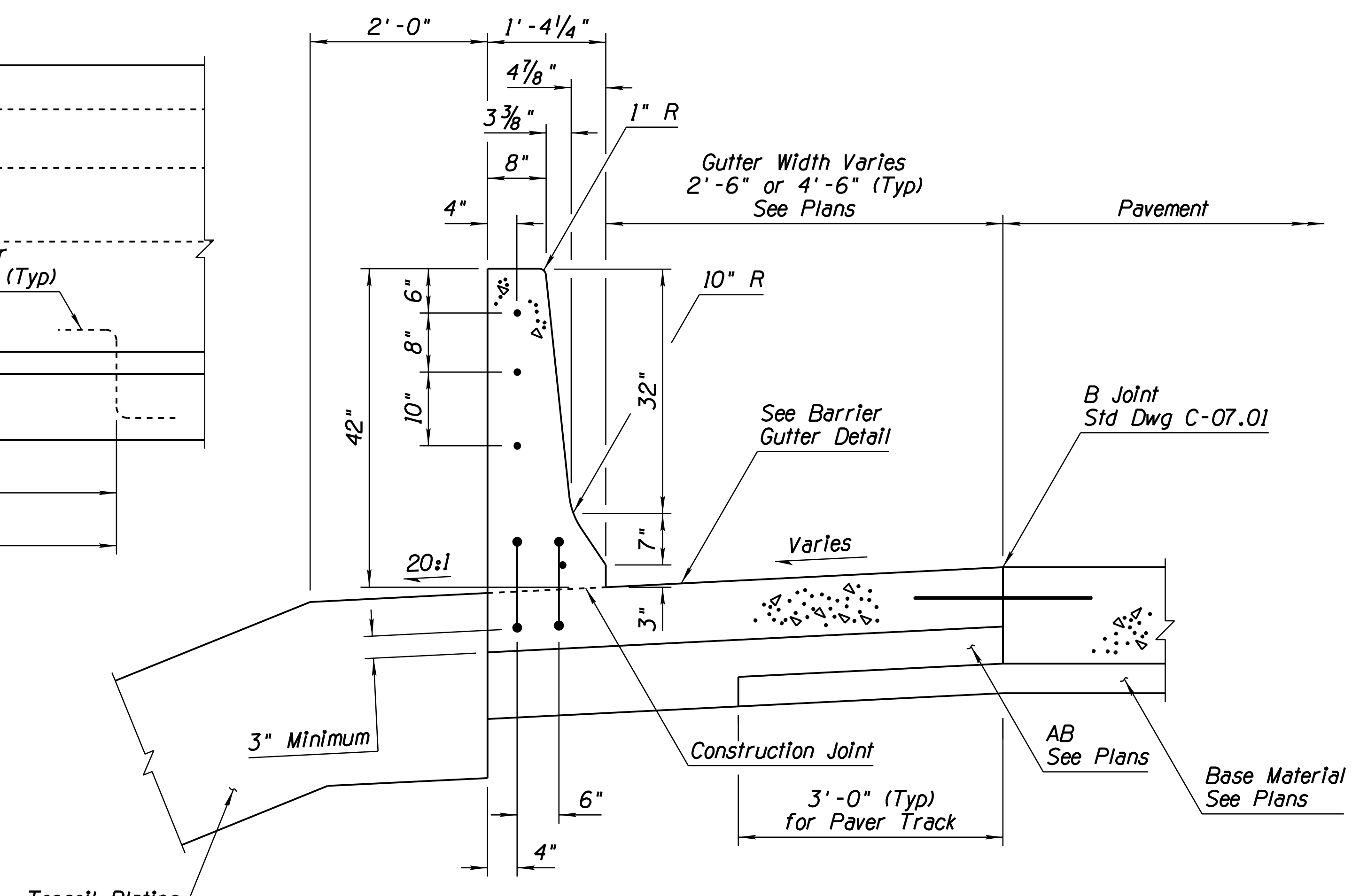
1. Half barrier shall be constructed by the slip or fixed form method.
2. When obstacles prevent the use of slip form equipment, stationary forms shall be used.
3. Barrier concrete shall be Class S, f'_c=4500 PSI.
4. Rebar shall be Grade 60.
5. #4 rebar shall extend 12" past the construction joint at 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 indicated on the plans.



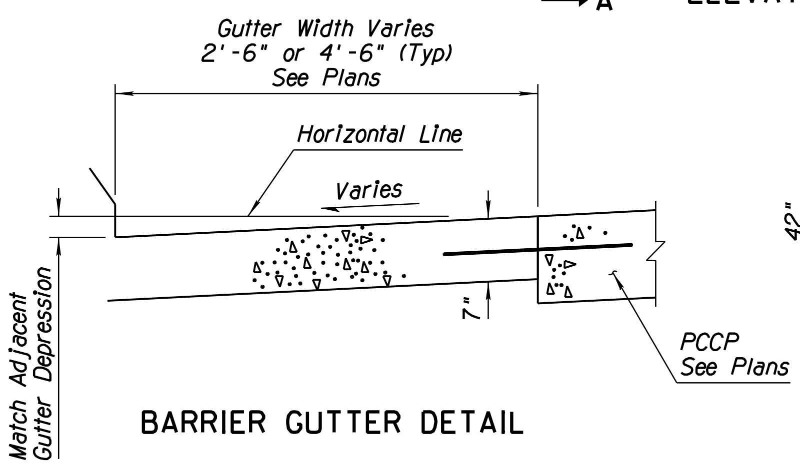
PLAN



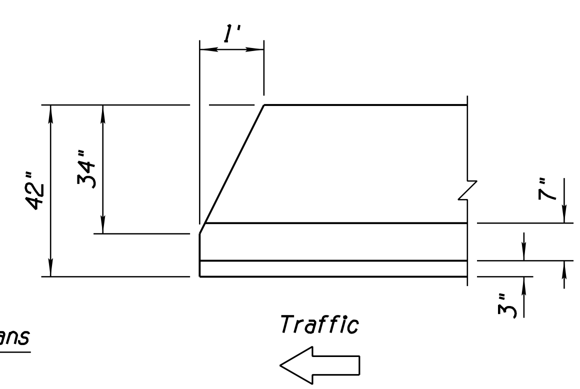
ELEVATION



SECTION A-A



BARRIER GUTTER DETAIL



ELEVATION
DEPARTURE TERMINATION WITHOUT GUARDRAIL

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

STANDARDS ENGINEER J. C. COOPER RECOMMENDED FOR APPROVAL	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION **ROADWAY GROUP STANDARD DRAWING**	
GROUP MANAGER D. R. HENRY APPROVED	CONCRETE HALF BARRIER 42" TYPE 'F' WITH GUTTER	DRAWING NO. C-10.53
STANDARDS COMMITTEE APPROVED FOR DISTRIBUTION 12/17 DATE		