GENERAL NOTES

1. See Std Dwg C-15.91 for dimensions, sizes and details not shown for construction of catch basin.
2. See Std Dwg C-10.52 and C-10.53 for dimensions, sizes and details not shown for construction of barrier.
3. See Std Dwg C-13.60 for dimensions, sizes and details not shown for construction of slotted drain.
4. Only longitudinal reinforcing steel shall be placed in half barrier within 1' of catch basin frame. S-shape bars shall not be placed in the rear wall of the catch basin.
   - 1"-3" for 18" diameter slotted drain
   - 1"-6" for 24" diameter slotted drain
   - Angle varies, approximately 45°
   - Variations in increased height over catch basin and slotted drain inlet depression
   - Depressed elevation.
   - Normal pavement or gutter flow line elevation.
   - Match adjacent gutter depression. Additional inlet depression as specified
   - Straight grade with downward slope.

NOTE TO DESIGNERS

Grate design shown is not suitable for locations subject to bicycle traffic. Use Std Dwg C-15.92 grate with Std Dwg C-15.92 frame (Sheet 2 of 2) for locations with bicycle traffic.

ELEVATION

Inlet Depression
Concrete Half Barrier and Catch Basin with Slotted Drain
(18" CMP and 32° Concrete Barrier Shown)

HALF BARRIER INSTALLATION
AT SLOTTED DRAIN LOCATIONS

CATCH BASIN WITH HALF BARRIER

GUTTER DEPRESSION
AT SLOTTED DRAIN LOCATIONS

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
ROADWAY STANDARD DRAWINGS
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