NOTES

1. MATERIALS: Armo Slotted Drain consisting of welded Heli-Cor pipe and fabricated steel grate assembly.
   (a) Pipe - 2" diameter, 14 gauge, meets applicable portions of AASHTO Designation M-56. Available in 20' lengths.
   (b) Grate - Welded structural steel to form slot width of 1/4" and slot height of 8" with 1/2" web spacers on 4" centers for full depth of slot. Hot-Dip Galvanized per ASTM Designation A-123. Grate assembly extends to within 1' of each end of pipe.
   (c) Joists & Couplers - Hugger type bracket trimmed to butt against grating with single 1/4" diameter carriage bolt and nut.

2. INSTALLATION: Place in trench contoured to diameter of pipe with invert of pipe 6" below top of black top. Backfill with coarse grade black top as necessary to provide uniform foundation and side support. Ends of pipe to meet drainage system each side of highway or adjacent to track.

3. BLACK TOPPING: 4" black top to consist of 2" of coarse grade black top properly rolled and 2" of surface grade black top properly rolled over the entire area.


5. USE: Slotted drain is to be used only with Black Top Highway Grade Crossings in unpaved roads where grade slopes down toward track. Purpose is to avoid debris from washing into track area from roadway.

6. ORDERING:
   (a) Pipe, Corrugated Steel, Slotted Drain, 12" Dia., 14 Gauge, 20' Fl. Lengths
      Reference Number: 03-36497
   (b) Coupler, Bond, complete with 3/4" Dia. Carriage Bolt and Nut for use with 12" Dia., 14 Gauge, Corrugated, Slotted Drain Pipe
      Reference Number: 03-255052