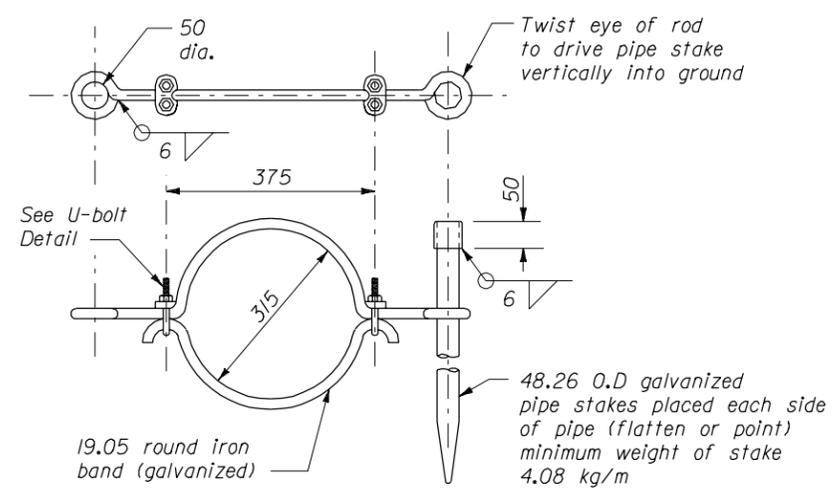
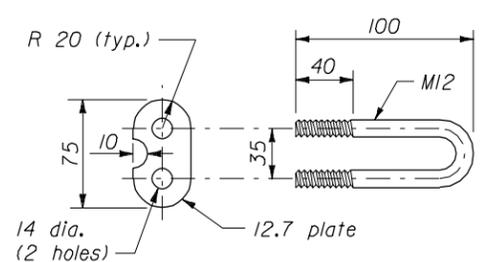


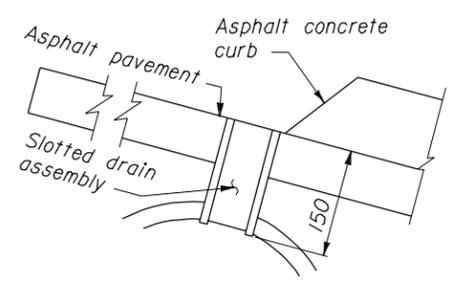
ALTERNATE 1



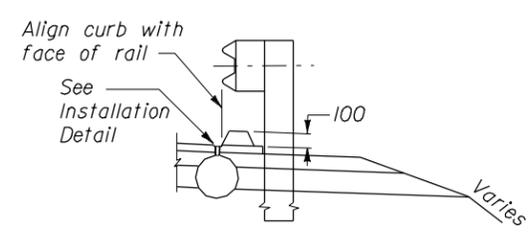
ALTERNATE 2



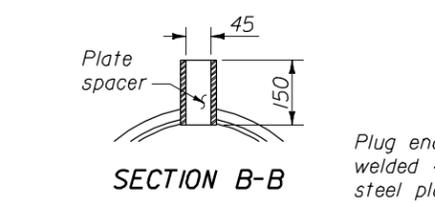
U-BOLT DETAIL



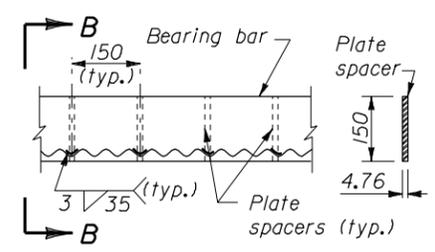
INSTALLATION DETAIL



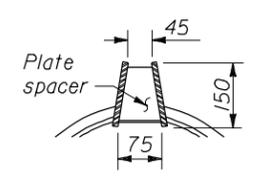
TYPICAL PLACEMENT AT GUARDRAIL



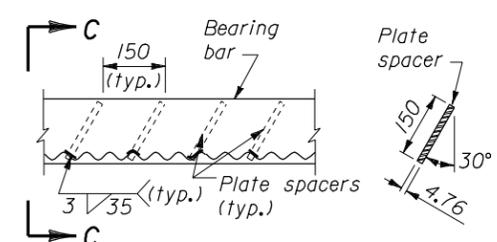
SECTION B-B



GRATE SLOT

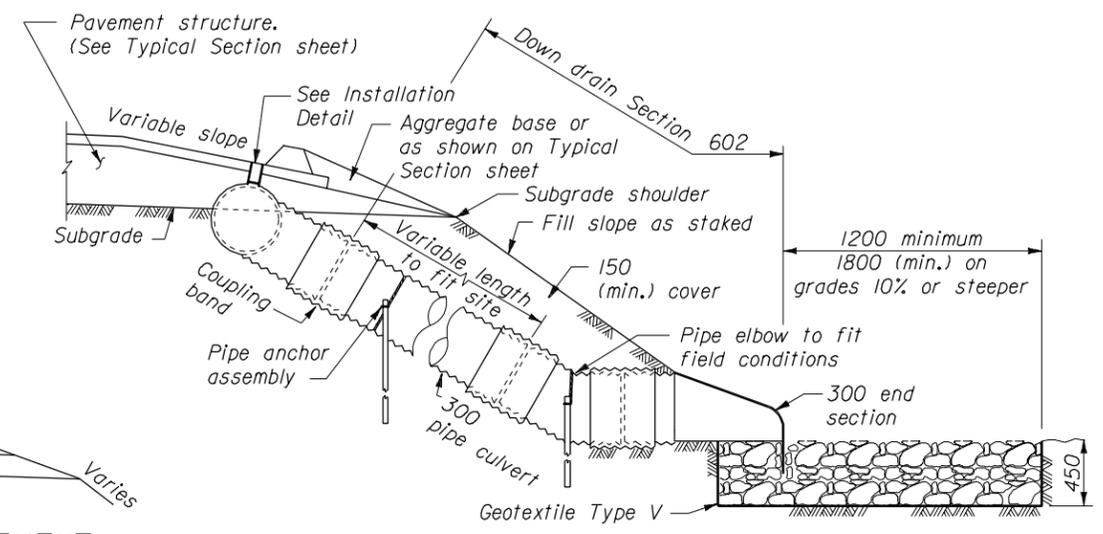


SECTION C-C

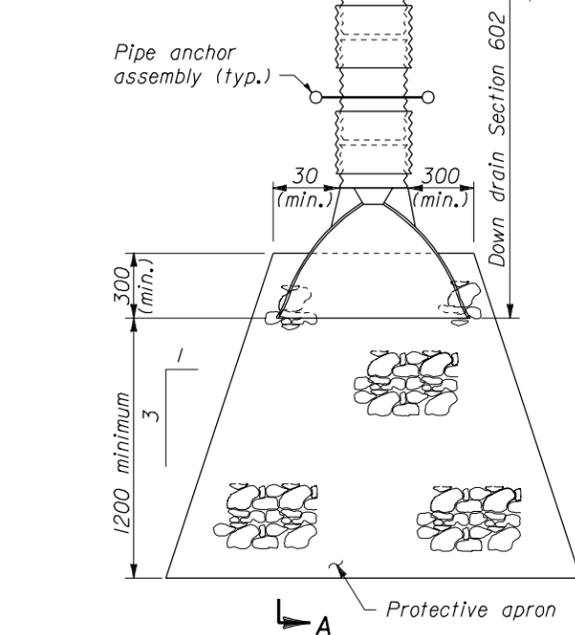
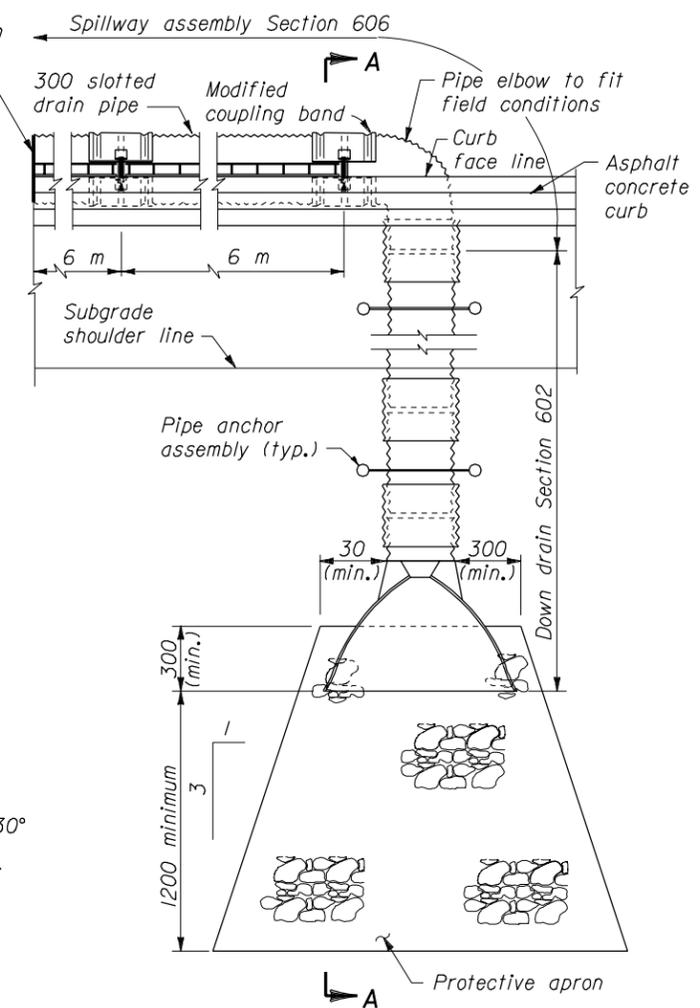


ANGLE SLOT

SLOTTED DRAIN ASSEMBLY

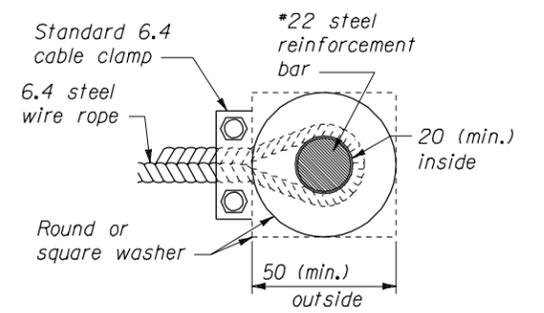


SECTION A-A



NOTES:

1. Unless otherwise shown, dimensions are in millimeters.
2. Fabricate slotted drain pipe, down drain pipe culvert, elbows, end section, and coupling bands from sheets 1.62 mm thickness.
3. Grate slot assembly and plate end plug conform to AASHTO M 183.
4. Galvanize grate slot assembly, plate end plug, and all hardware according to AASHTO M III.
5. Approved alternate pipe anchor assemblies may be used.
6. Place Class 2 riprap conforming to Section 251 for protective apron.
7. Place pipe anchor assemblies approximately 6 meter intervals along down drain pipe culvert.
8. For installations at sag vertical curves, use a tee connection instead of an elbow and a minimum of two 6 meter slotted drain pipe sections.
9. Make all band connections watertight by placing gaskets or O-rings under the bands before tightening.
10. Use either the grate slot or the angle slot slotted drain assembly.
11. Provide hardware in the metric sizes shown. Equivalent imperial sizes may be used when metric sizes are not available.



DETAIL A

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 FEDERAL LANDS HIGHWAY

METRIC STANDARD

SLOTTED DRAIN SPILLWAY ASSEMBLY

STANDARD APPROVED FOR USE --/----

REVISOR: 07/98

STANDARD M606-01

NO SCALE