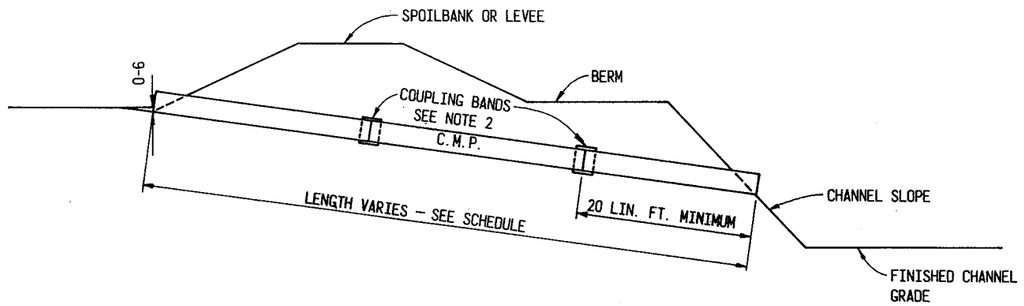
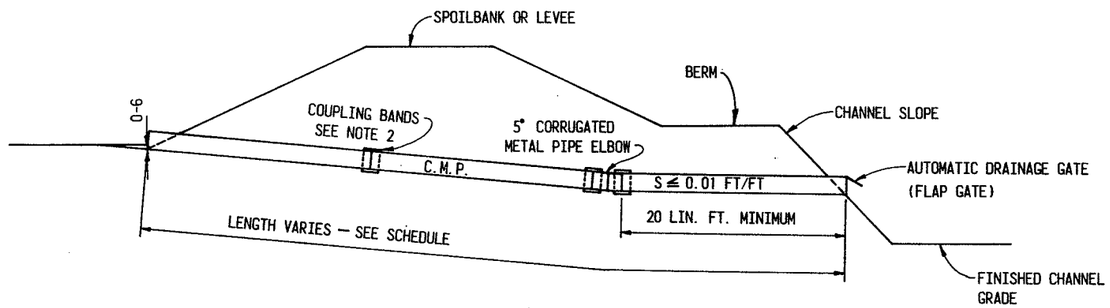
SCHEDULE FOR SURFACE WATER INLET PIPES

Structure No.	Station	Bank	C. M. Pipe Diam.	C. M. Pipe Length	Drainage Gate required	Outlet Invert elev.	



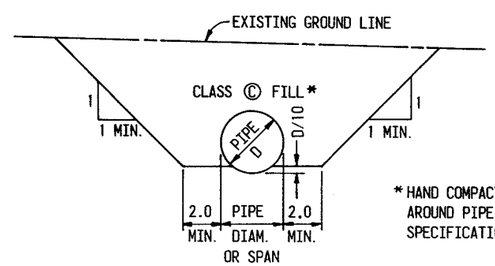
TYPICAL SECTION WITHOUT FLAP GATE



TYPICAL SECTION WITH FLAP GATE

NOTES

1. FINAL LOCATION, ALIGNMENT, INLET CHANNEL GRADE, AND PIPE INVERT ELEVATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. COUPLING BANDS SHALL HAVE A MINIMUM WIDTH OF 12 INCHES.
3. CORRUGATED METAL PIPE SHALL BE MADE OF ALUMINUM OR ZINC COATED IRON OR STEEL. COUPLING BANDS AND DRAINAGE GATES SHALL BE OF THE SAME MATERIAL AS THE PIPE.
4. SURFACE WATER INLETS THAT REQUIRE DRAINAGE GATES SHALL BE SHAPE 1, CLASS I OR CLASS II CORRUGATED METAL PIPE.
5. SURFACE WATER INLETS THAT DO NOT REQUIRE DRAINAGE GATES SHALL BE SHAPE 1 OR 3, CLASS I OR II CORRUGATED METAL PIPE. SHAPE 3 PIPE MUST PROVIDE A CROSS SECTIONAL AREA EQUAL TO OR GREATER THAN THE CROSS SECTIONAL AREA PROVIDED BY THE SPECIFIED DIAMETER SHAPE 1 PIPE.



* HAND COMPACTION REQUIRED AROUND PIPE. SEE SPECIFICATIONS

TYPICAL EXCAVATION AND BACKFILL FOR PIPE INSTALLATION

DETAILS OF SURFACE WATER INLETS

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed ____ Date ____ Approved by ____ Title ____
Drawn ____ Title ____
Traced ____ Sheet No. ____ of ____ Drawing No. ____
Checked ____

MICHIGAN ENGINEERING DESIGN SECTION
MICH. STANDARD DRAWING NO. SO-E-0050
SHEET 1 OF 1 DATE: 2/19/75.