

MUSKEGON COUNTY ROAD COMMISSION

TYPICAL DETAIL FOR DRIVEWAY CULVERT

NOTE:

1) THE CULVERT TO BE PLACED AS DIRECTED BY THE COMMISSION FOR DIAMETER, LENGTH, AND END SECTIONS, AS NOTED ON THE APPLICANTS RESIDENTIAL DRIVEWAY PERMIT.

2) ALL CULVERTS SHALL BE CLASS A AS LISTED IN TABLE 401-I, OF MDOT STANDARD SPECIFICATION FOR CONSTRUCTION AND AS LISTED BELOW.

- A) REINFORCED CONCRETE PIPE
- B) CORRUGATED STEEL PIPE, POLYMER COATED
- C) CORRUGATED PLASTIC PIPE (SMOOTH LINED ONLY)

NOTE: MINIMUM COVER OVER CORRUGATED PLASTIC PIPE REQUIRES (1FT) OF MATERIAL FOR PIPE SIZES UP TO (24IN); SIZES GREATER THAN (24IN) REQUIRE (2FT) OF MINIMUM COVER.

3) ALL CULVERTS 18 INCH DIAMETER AND LARGER SHALL HAVE FLARED END SECTIONS REQUIRED.

4) CULVERT AND DRIVEWAY APPROACH FUTURE MAINTENANCE IS THE RESPONSIBILITY OF THE PROPERTY OWNER.

5) CONSTRUCTION OF HEADWALLS AT CULVERT ENDS IS PROHIBITED.

6) THE "RANGE" IN DIMENSIONS INDICATES THE WORKING VALUES FOR EACH DESIGN FEATURE. THE "STANDARD" DIMENSION SHALL BE USED UNLESS THE PERMIT DEPARTMENT SPECIFIES, OR THE APPLICANT SHOWS CAUSE FOR, A DIFFERENT VALUE. ANY VARIATION MUST BE APPROVED BY THE COUNTY HIGHWAY ENGINEER.

PERMIT NO. _____,

PROPERTY OWNER: _____,

CONTRACTOR: _____,

DATE: _____,

RESIDENTIAL DRIVEWAY - CULVERT			
DESIGN FEATURES		STANDARDS	RANGE
FILL SLOPE	A	1:3	1:3 TO 1:4
END SECTION	B	0	0 TO 6'
DRIVEWAY WIDTH	W	14'±	8 TO 20
CUVLERT LENGTH	R	30'± FEET	20 TO 50

