

Appendix 5-D

Culvert Design Tables

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If you require assistance accessing this information or require it in an alternative format, contact the Michigan Department of Transportation's (MDOT) Americans with disabilities Act (ADA) coordinator at [Michigan.gov/MDOT-ADA](https://www.michigan.gov/MDOT-ADA).

Table 5-D-1. Location Information

ITEM	VALUE
STRUCTURE NUMBER	XXX
CONTROL SECTION	XXX
JOB NUMBER	XXX
LOCATION	XXX
WATERCOURSE	XXX
TOWNSHIP	XXX
COUNTY	XXX

Table 5-D-2. Design Discharges

AEP EVENT	DISCHARGE (CFS)
10% AEP (10-YEAR)	XXX
2% AEP (50-YEAR)	XXX
1% AEP (100-YEAR)	XXX
0.2% AEP (500-YEAR)	XXX

Table 5-D-3. Additional Information

ITEM	VALUE
DRAINAGE AREA	XXX
METHOD OF ANALYSIS	XXX

Table 5-D-4. Existing and Proposed Culvert Comparison

PARAMETER	EXISTING (ft)	PROPOSED (ft)	CHANGE (ft)
CULVERT TYPE	XXX	XXX	N/A
SPAN	XXX	XXX	XXX
RISE	XXX	XXX	XXX
LENGTH	XXX	XXX	XXX
ENTRANCE TYPE	XXX	XXX	N/A
U/S INVERT ELEV	XXX	XXX	N/A
D/S INVERT ELEV	XXX	XXX	N/A
U/S FLOWLINE	XXX	XXX	N/A
D/S FLOWLINE	XXX	XXX	N/A
K _e :	XXX	XXX	N/A
10% AEP (10-YEAR) VELOCITY AT OUTLET	XXX	XXX	N/A
10% AEP (10-YEAR) HEADWATER	XXX	XXX	XXX
2% AEP (50-YEAR) VELOCITY AT OUTLET	XXX	XXX	N/A
2% AEP (50-YEAR) HEADWATER	XXX	XXX	XXX
1% AEP (100-YEAR) VELOCITY AT OUTLET	XXX	XXX	N/A
1% AEP (100-YEAR) HEADWATER	XXX	XXX	XXX
0.2% AEP (500-YEAR) VELOCITY AT OUTLET	XXX	XXX	N/A
0.2% AEP (500-YEAR) HEADWATER	XXX	XXX	XXX

Notes:

1. Flood elevations are for comparison only.
2. N/A (not applicable)