

## Michigan Department of Transportation

### PA 63 of 2011 Section 602

If the department uses manufactured pipe for road construction drainage, the department shall require that pipe used under certain load-bearing conditions beneath the roadway meet the standards established by the American society for testing and materials (ASTM) or American association of state highway and transportation officials (AASHTO). The department may also use the mandrel test for manufactured pipe 60 days after installation provide a summary of the results of these inspections to the house of representatives and senate appropriations subcommittees on transportation and house and senate fiscal agencies.

## MICHIGAN DEPARTMENT OF TRANSPORTATION

### FY 2012 Corrugated Polyethylene (CPE) and Corrugated Polyvinyl Chloride (CPV) Pipe Quantities and Mandrel Test Results

CS-JN	Pipe Size (in.)	Pipe Type	Installed Length (ft.)	Tested Length (ft.)	% Length Tested	% Passed	% Failed	Comments
23072-102646	8	CPE	1547	1547	100	100	0	
	12	CPE	220	220	100	100	0	
	18	CPE	274	274	100	100	0	
	24	CPE	385	385	100	100	0	
	30	CPE	264	264	100	100	0	
	36	CPE	715	715	100	100	0	
80159-114142	12	CPV	192	192	100	100	0	
03111-89309	12	CPE	6398	3249	51	100	0	
	15	CPE	302	216	72	100	0	
	18	CPE	505	330	65	100	0	
29042-M41276	15	CPE	3578					Note 1
77111-86951A	12	CPE	20	0	0			Note 2
35032-90192A	18	CPE	104	60	58	100	0	
47041-M61201	12	CPE	275	275	100	100	0	

**Comments:** MDOT specifications require at least 50% of the installed length of each size of corrugated polyethylene (CPE) and corrugated polyvinyl chloride (CPV) pipe be subject to mandrel testing.

**Note 1:** Mandrel testing not complete at the time report was generated.

**Note 2:** CPE used for fire hydrant access driveway culvert. The pipe was visually inspected for acceptance and not mandrel tested.