

BRIDGE REPORT SUMMARY

The bridge report provides quality data on the current condition of the bridges in Genesee County, and from this data, forecasts the future condition of bridges into the year 2035. Currently in Genesee County, there are 369 total bridges. Of the total, 180 (49%) bridges are deficient. Deficient bridges are either structurally deficient or functionally obsolete. Structurally deficient (SD) refers to those bridges that are in poor condition, while functionally obsolete (FO) refers to those bridges that are not built to the current standards.

Percent of Deficient Bridges

Genesee County Bridge Deficiencies				
Owner	SD	FO	% Deficient	Total Bridges
MDOT	23	66	47%	191
Genesee County Road Commi	41	12	44%	120
City of Burton	3	4	78%	9
City of Clio	0	1	100%	1
City of Fenton	2	0	33%	6
City of Flint	10	13	72%	32
City of Flushing	0	1	100%	1
City of Grand Blanc	0	1	33%	3
City of Linden	0	1	50%	2
City of Swartz Creek	0	1	50%	2
Village of Goodrich	1	0	50%	2
TOTAL	80	100	49%	369

SD = Structurally Deficient

FO = Functionally Obsolete

Service Life of Bridges

With an older stock of bridges in the County, the number of those classified as deficient is expected to grow considerably by the year 2035. Assuming an average bridge service life of 50 years, 329 (90%) of the existing bridges in Genesee County will need to be replaced by 2035, as they will have reached an age of 50 years or more. To provide the necessary improvements through 2035, roughly \$1.5 billion (with 5% compounded annually for anticipated cost increases) will be needed.

Bridge Funding

Over the past five years, Genesee County has received approximately \$11.5 million a year in local and state bridge funding. If this figure is forecasted out to 2035, it would equal roughly \$310 million in revenue for bridge projects in Genesee County. Unfortunately, even with this optimistic revenue estimate, the bridge funding projection falls severely short of the estimated \$1.5 billion needed in improvement costs through 2035.

