

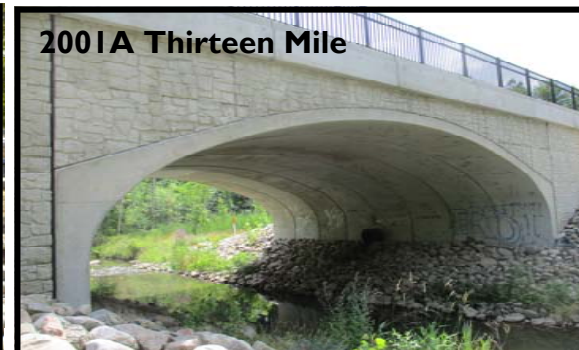
BRIDGE PHOTOS



1407A Orion



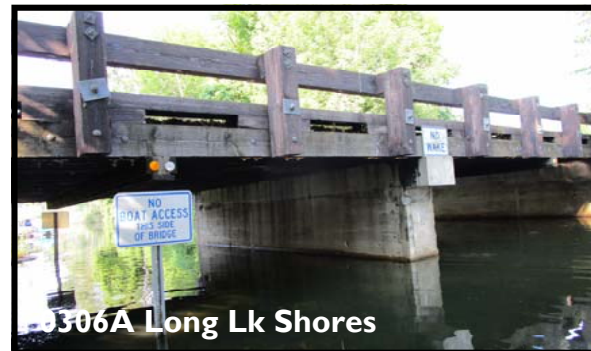
0801A Chevron



2001A Thirteen Mile



2314A Pontiac Lake



0306A Long Lk Shores



0508A Wixom

LOAD POSTED 'A' BRIDGES

Facility	Over	RCOC ID	Township	Load Posting	Frequency	Next Inspection	Sufficiency Rating	Condition
LONG LK SHORES DR	LONG LAKE CANAL	0306A	BLOOMFIELD	42/64/77	24	8/23/2018	83.5	FAIR
SEYMOUR LAKE ROAD	PAINT CREEK	0407A	BRANDON	34/58/66	12	7/26/2018	33.4	CRITICAL
WIXOM RD	HURON RIVER	0508A	COMMERCE	29/57/69	12	3/8/2017	7.0	CRITICAL
FARR STREET	HURON RIVER	0510A	COMMERCE	18/49/57	12	6/29/2017	48.9	CRITICAL
CHEVRON ST	DUCK LAKE	0801A	HIGHLAND	41/57/65	24	6/2/2018	81.6	GOOD
SASHABAW RD	CLINTON RIVER	1006A	INDEPENDENCE	42/69/77	12	3/8/2017	32.3	CRITICAL
SPALDING	NOVI-LYON DRAIN	1105A	LYON	16/48/55	12	6/8/2017	40.9	CRITICAL
TWELVE MILE	NOVI-LYON DRAIN	1106A	LYON	20/51/51	12	6/8/2017	39.8	CRITICAL
MARTINDALE	NOVI-LYON DRAIN	1107A	LYON	22/46/53	12	6/8/2017	39.8	CRITICAL
11 MILE RD	NOVI-LYON DRAIN	1108A	LYON	15/45/52	12	6/8/2017	38.3	CRITICAL
BUNO RD	HURON RIVER	1208A	MILFORD	24/28/36	24	6/2/2018	73.8	GOOD
GUNN	PAINT CREEK	1405A	OAKLAND	27/39/54	12	3/8/2017	27.3	CRITICAL
SILVER BELL	PAINT CREEK	1409A	OAKLAND	42/59/70	12	9/9/2017	60.4	POOR
MALONEY STREET	CLEAR-LONG LAKE	1603A	OXFORD	42/62/77	12	7/7/2017	30.1	CRITICAL
12 MILE RD (EAST)	ROUGE RIVER	2002A	SOUTHFIELD	42/63/64	24	7/5/2018	70.1	FAIR
12 MILE RD (WEST)	ROUGE RIVER	2003A	SOUTHFIELD	42/63/64	24	7/5/2018	69.0	FAIR
JOHN R ROAD	GIBSON DRAIN	2202A	TROY	42/57/69	12	8/30/2017	66.3	CRITICAL
HATCHERY ROAD	CLINTON RIVER	2303A	WATERFORD	42/58/71	12	3/8/2017	12.7	CRITICAL
WARNER STREET	GREEN LAKE CANAL	2401A	WEST BLOOMFIELD	37/47/52	24	6/2/2018	51.7	FAIR

19 Posted Structures; *Red = Posting Recommended Structures; *Green = Funded Structures

LOAD RATING PRIORITY LIST

	Facility	Over	RCOC ID	Township	Posting
1	AVON RD	CLINTON RIVER	0208A	ROCHESTER	NOT POSTED
2	MEADOWOOD RD	DEVONSHIRE DRAIN	0309A	BLOOMFIELD	NOT POSTED
3	OPDYKE RD	CLINTON RIVER	1702A	PONTIAC	NOT POSTED
4	PONTIAC LAKE RD	CLINTON RIVER	2314A	WATERFORD	NOT POSTED
5	ADAMS RD	ROUGE RIVER	0302A	BLOOMFIELD	NOT POSTED
6	BENSTEIN RD	HURON RIVER	0507A	COMMERCE	NOT POSTED
7	NEWMAN RD	PAINT CREEK	1503A	ORION	NOT POSTED
8	10 MILE RD	PEBBLE CREEK	2013A	SOUTHFIELD	NOT POSTED
9	LONG LAKE RD	GIBSON DRAIN	2203A	TROY	NOT POSTED
10	LONG LAKE RD	ROUGE RIVER	2217A	TROY	NOT POSTED
11	CASS LAKE RD	CLINTON RIVER	2310A	WATERFORD	NOT POSTED

Load Ratings

- Structures #1-4 require load ratings after field inspections were completed. These bridges have changes in condition that may result in a reduction in capacity.

- Structures #5-11 fall into MDOT's Tier 3 category for load ratings. These bridges will have their load rating calculations updated by Dec. 31, 2016.

- MDOT has provided guidance for the load rating of corrugated metal pipes. Culvert load rating calculations will be completed as needed.

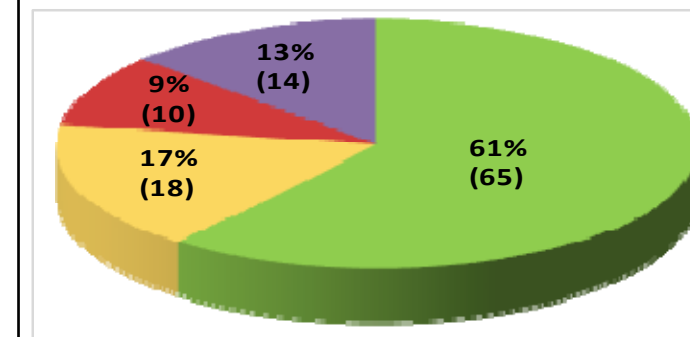
Bridge Load Rating provides a basis for determining the safe load capacity of a bridge. Load ratings are based on information in the bridge files, including existing plans, and the results of a recent field inspection. Load ratings reflect any relevant changes in condition or loading noted during the inspection.

'A' BRIDGE CONDITION SUMMARY

Road Commission for Oakland County

Condition of 'A' Bridges

- Good (6-9 Rating)
- Fair (5 Rating)
- Poor (4 Rating)
- Critical (0-3 Rating)



Data taken from Michigan Bridge Reporting System (MiBridge)

'A' Bridges

- A bridge is defined as a structure with total clear span of 20 feet, measured along the centerline of the roadway over a stream, watercourse, or opening.
- RCOC currently maintains 107 bridges that meet these criteria and are identified as 'A' Bridges.
- 'A' Bridges are eligible for MDOT Local Bridge Program funds.
- Inspectors rate Michigan's bridges using the National Bridge Inventory (NBI) 0 to 9 rating scale.

MISCELLANEOUS INFO

- Grand River Avenue over the Huron River (Kent Lake) RCOC# 1101A had an underwater inspection performed in 2015. This is based upon MDOT's Michigan Structure Inspection Manual (MSIM) due to the water depths at substructure units.
- Three bridges are added; one bridge is removed from the NBI structure inventory
 - Added: Putnam Rd over Walnut Lake Canal - (2412A)
 - Added: Brewer Rd over Stoney Creek - (0102A)
 - Added: Farr Rd over Huron River - (0510A)
 - Removed: Big Beaver Rd over Rouge River - (0310A)



RCOC 'A' BRIDGE SAFETY INSPECTIONS - SUMMARY REPORT

GLEG JOB NUMBER: 1016-2-392

Report Date: 9/30/2016

