

GRAND REGION

The Grand Region serves eight counties in west Michigan. These include Ionia, Kent, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, and Ottawa counties. Located within the Grand Region are the metropolitan areas of Grand Rapids, Holland, and Muskegon, which make up one of the largest economies in the upper Midwest. Major economic sectors in the Grand Region include manufacturing, retail, health care, agriculture, and tourism. Major state trunklines include: I-96, I-196, US-31, US-131, and the M-6 freeway.

Five-Year Road and Bridge Program

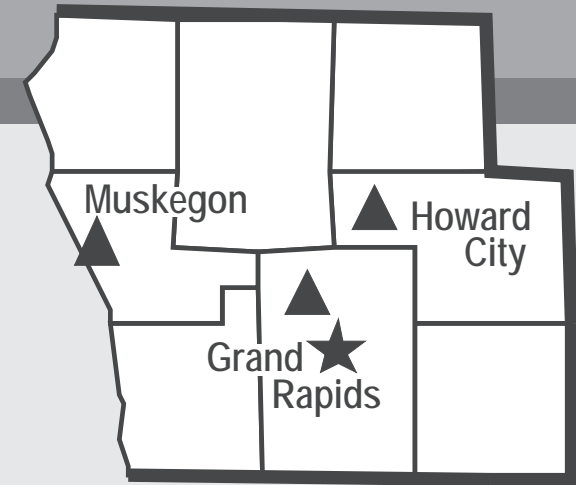
The road and bridge preservation projects identified in this 2009 to 2013 Five-Year Transportation Program for the Grand Region total approximately \$223 million. Investment is allocated in the following manner:

GRAND REGION	Total 2009-2013
Road Preservation	\$110 million
Bridge Preservation	\$42 million
Road and Bridge CPM	\$71 million
Total 2009-2013	\$223 million

*(Amounts are rounded to the nearest million dollars)
(Road Preservation includes Roadside Facilities)*

Capital Preventive Maintenance (CPM) projects are planned for a significant number of pavements and structures that do not require extensive repairs during this Five-Year Transportation Program period. CPM projects are short-term fixes, adding from five to 10 years of life to a pavement or maintaining the existing structure condition.

GRAND REGION	Route Miles of Road	Number of Bridges and Structures
Total in Region	937	744
Scheduled Work	89	26
Percentage of Region	9%	4%



The 2009-2013 program for road preservation work reflects approximately 89 (nine percent) of the Grand Region's more than 937 route miles of state trunklines during the next five years. The 2009-2013 program for bridge preservation work will address 26 (four percent) of the region's 744 trunkline bridges and structures.

There are also a number of programs that are selected based on statewide priorities or where project identification is completed throughout the year. These investments are not reflected above, but are included in the statewide investment strategy.

2009-2013 ROAD & BRIDGE PROGRAM

Repair and Rebuild - Roads and Bridges

GRAND Bridge - Replacement and Rehabilitation

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2009	2010	2011	2012	2013
IONIA	I-96		I-96 EB OVER CSX RAILROAD (ABANDONED)	BRIDGE REMOVAL	0.028					CON
IONIA	I-96		I-96 WB OVER CSX RAILROAD (ABANDONED)	BRIDGE REMOVAL	0.028					CON
IONIA	I-96		I-96 OVER PORTLAND TRAIL	NEW STRC-EXTG RTE	0.028					CON
KENT	I-196		I-196 UNDER COIT AVENUE	BRIDGE REPLACEMENT	0.000		CON			
KENT	I-196		I-196, M-21 EB OVER LAFAYETTE AVENUE	BRIDGE REPLACEMENT	0.000		CON			
KENT	I-196		I-196, M-21 WB OVER LAFAYETTE AVENUE	BRIDGE REPLACEMENT	0.000		CON			
KENT	M-21		M-21 OVER FLAT RIVER	SUPERSTRUCTURE REPLACEMENT	0.000		CON			
KENT	M-21		M-21 OVER FLAT RIVER	SUPERSTRUCTURE REPLACEMENT	0.000		CON			
KENT	M-21		M-21 OVER GRAND RIVER	BRIDGE REPLACEMENT	0.000	CON				
KENT	M-21		M-21 OVER GTW RAILROAD	SUPERSTRUCTURE REPLACEMENT	0.087					CON
KENT	US-131		I-196 BS (FRANKLIN) OVER CSX RR & US-131, I-196 BS	DECK REPLACEMENT	0.000			CON		
KENT	US-131		BURTON STREET OVER US-131	DECK REPLACEMENT	0.000			CON		
KENT	US-131		HALL STREET OVER US-131 AND CENTURY AVENUE	DECK REPLACEMENT	0.000			CON		
KENT	US-131		36TH STREET OVER US-131	BRIDGE REPLACEMENT	0.000			CON		
KENT	US-131		US-131 OVER CSX RAILROAD	OVERLAY - DEEP	0.231				CON	
KENT	US-131		32ND STREET OVER US-131	MISCELLANEOUS REPLACE	0.000			CON		
KENT	US-131		POST ROAD OVER US-131	OVERLAY - DEEP	0.400			CON		
MONTCALM	US-131		US-131 NB OVER TAMARACK CREEK	DECK REPLACEMENT	0.687				CON	
MUSKEGON	I-96		RUSSELL ROAD OVER US-31	OVERLAY - DEEP	0.000		CON			
MUSKEGON	I-96		FRUITPORT ROAD OVER I-96	OVERLAY - DEEP	0.000		CON			
MUSKEGON	US-31 BR		US-31 BR WB OVER SOUTH BRANCH MUSKEGON RIVER	OVERLAY - DEEP	0.000		CON			
MUSKEGON	US-31BR (Colby Street)		US-31 BR OVER CSX RAILROAD (ABANDONED)	SUPERSTRUCTURE REPLACEMENT	0.000			CON		
MUSKEGON	US-BR-31		US-31 BR EB OVER SOUTH BRANCH MUSKEGON RIVER	OVERLAY - DEEP	0.000				CON	
MUSKEGON	US-BR-31		US-31 BR EB OVER MUSKEGON RIVER	BRIDGE REPLACEMENT	0.000				CON	
NEWAYGO	M-20		M-20 OVER WHITE RIVER	OVERLAY - DEEP	1.665	CON				
					3.098					

2009-2013 ROAD & BRIDGE PROGRAM

Repair and Rebuild - Roads and Bridges

GRAND Repair and Rebuild Roads

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2009	2010	2011	2012	2013
IONIA	I-96 EB		AT THE SARANAC REST AREA #532	ROADSIDE FACILITIES - IMPROVE	0.540				CON	
IONIA	M-21 (BLUE WATER HIGHWAY)		HAWLEY HIGHWAY EAST TO DETMERS	RESURFACE	4.112	CON				
IONIA	M-21 (BLUE WATER HIGHWAY)		KENT COUNTY LINE EAST TO PINCKNEY ROAD	RESURFACE	2.648			CON		
IONIA	M-21 (BLUE WATER HIGHWAY)		PINCKNEY ROAD EAST TO HAWLEY HIGHWAY	RESURFACE	2.426		CON			
IONIA	M-21 (BLUE WATER HIGHWAY)		DETMERS ROAD EAST TO LINCOLN AVENUE	RESURFACE	3.174			CON		
IONIA	M-21 (Lincoln Avenue)		M-66 (DEXTER STREET) EAST TO LOVELL STREET	RESURFACE	1.338		CON			
IONIA	M-66		S. IONIA CO. LINE TO 238' N OF PORTLAND RD.	RECONSTRUCTION	6.994					CON
IONIA	M-66 (Dexter Street)		SOUTH OF GRE RR NORTH TO M-21	RECONSTRUCTION	0.520			CON		
IONIA	M-91		M-44 TO ELLIS ROAD	RESTORATION AND REHABILITATION	1.195			CON		
KENT	I-196 (GERALD R FORD FREEWAY)		THE GRAND RIVER EAST TO FULLER AVENUE	RECONSTRUCTION	1.739		CON			
KENT	M-11 (28TH STREET)		DIVISION AVENUE EAST TO KALAMAZOO AVENUE	RESURFACE	1.849			CON		
MECOSTA	M-20 (9 Mile Road)		EAST BRANCH LITTLE MUSKEGON RIVER TO MAPLE STREET	RESTORATION AND REHABILITATION	5.630	CON				
MECOSTA	US-131 OLD (Northland Drive)		19 MILE TO MECOSTA/OSCEOLA COUNTY LINE	RESURFACE	5.040				CON	
MONTCALM	M-91 (Greenville Road)		GIBSON ST NORTH TO WISE RD	RESURFACE	1.579	CON				
MONTCALM	M-91 (Greenville Road)		ELLIS ROAD TO SNOWS LAKE ROAD	RESURFACE	2.163			CON		
MONTCALM	US-131 (US-131)		PIERSON ROAD NORTH TO CUTLER ROAD	MISCELLANEOUS	9.733			CON		
MONTCALM	US-131 NB (US 131 NB)		NORTH OF CANNONSVILLE RD TO SOUTH OF M-46	RESTORATION AND REHABILITATION	5.448				CON	
MONTCALM	US-131 SB (US-131 SB)		NORTH OF CANNONSVILLE ROAD TO SOUTH OF M-46	RESTORATION AND REHABILITATION	5.390				CON	
MUSKEGON	M-37 (NEWAYGO ROAD)		M37: M46 TO MOON RD; M46:1200 FT WEST OF M-37	RESTORATION AND REHABILITATION	1.725		CON			
MUSKEGON	US-31 BR (Colby Street)		HALL STREET TO DIVISION STREET	RECONSTRUCTION	0.758			CON		
OCEANA	US-31 (US-31 NB)		POLK RD TO THE N. BRANCH OF THE PENTWATER RIVER	RESURFACE	5.889					CON
OCEANA	US-31 NB		AT THE ROTHBURY REST AREA #529	ROADSIDE FACILITIES - IMPROVE	0.647					CON
OCEANA	US-31 OLD (Oceana Drive)		M20 TO S BRANCH PENTWATER RIVER (GAP SHELBY)	RESURFACE	8.141	CON				
OTTAWA	M-121 (Chicago Drive)		40TH AVENUE EAST TO RUSH CREEK	RESURFACE	2.012		CON			
OTTAWA	M-121 (Chicago Drive)		80TH AVENUE TO 40TH AVENUE	RESURFACE	5.916			CON		
OTTAWA	M-121 (Chicago Drive)		M-121 EB OVER BLACK CREEK	OVERLAY - EPOXY	5.916			CON		
OTTAWA	M-121 (Chicago Drive)		MAIN ST (ZEELAND) EAST TO 80TH AVE	RECONSTRUCTION	1.169			CON		
OTTAWA	US-31 (US-31)		LAKEWOOD BLVD TO QUINCY ST	RECONSTRUCTION	2.787					CON
					90.562					

2009-2013 ROAD & BRIDGE PROGRAM

Capacity Improvement

GRAND I-196 AT BALDWIN ROAD INTERCHANGE

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2009	2010	2011	2012	2013
KENT	I-196 (Gerald R Ford Freeway)	JT	AT CHICAGO DRIVE INTERCHANGE	INTERCHANGE REDESIGN & UPGRADING	2.066	CON	CON			
KENT	I-196		EB AND WB OVER CSX RAILROAD	INTERCHANGE REDESIGN & UPGRADING	0.000	CON	CON			

GRAND I-96 AT US-31 AND STERNBERG ROAD

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2009	2010	2011	2012	2013
MUSKEGON	I-96		AT US-31 AND STERNBERG ROAD VICINITY	INTERCHANGE REDESIGN & UPGRADING	0.000		CON	CON	CON	CON
MUSKEGON	I-96		AT US-31 AND STERNBERG ROAD VICINITY	INTERCHANGE REDESIGN & UPGRADING		ROW	ROW			
MUSKEGON	I-96		AT US-31 AND STERNBERG ROAD VICINITY	INTERCHANGE REDESIGN & UPGRADING		PE	PE			

GRAND US-131 AT 44TH STREET, CITY OF WYOMING

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2009	2010	2011	2012	2013
KENT	US-131		UNDER 44TH STREET	REPLACE BRIDGE, ADD LANES	0.000	CON	CON			
KENT	US-131		UNDER 44TH STREET	REPLACE BRIDGE, ADD LANES		ROW				

GRAND US-31, HOLLAND TO GRAND HAVEN

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2009	2010	2011	2012	2013
OTTAWA	US-31		LAKWOOD BLVD NORTH TO QUINCY ST	RECONSTRUCT AND ADD LANE(S) OVER 0.5 M	2.787					CON
OTTAWA	US-31		LAKWOOD BLVD NORTH TO QUINCY ST	RECONSTRUCT AND ADD LANE(S) OVER 0.5 M		PE	PE	PE	PE	PE
					4.853					

2009-2013 ROAD & BRIDGE PROGRAM

New Roads

GRAND US-31, HOLLAND TO GRAND HAVEN

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2009	2010	2011	2012	2013
OTTAWA	M-231 (US-31 Bypass)		M-45 NORTH TO I-96/M-104	NEW ROUTES		ROW	ROW	ROW	ROW	ROW
OTTAWA	M-231		FROM M-45 TO THE GRAND RIVER	NEW ROUTES	4.500					CON
OTTAWA	M-231		FROM M-45 TO THE GRAND RIVER	NEW ROUTES		PE	PE	PE	PE	PE
OTTAWA	M-231		M-231 (NEW ROUTE) OVER THE GRAND RIVER	NEW STRUCTURE ON NEW ROUTE	0.001		CON	CON	CON	CON
OTTAWA	M-231		M-231 (NEW ROUTE) OVER THE GRAND RIVER	NEW STRUCTURE ON NEW ROUTE	0.001			CON	CON	
OTTAWA	M-231		FROM THE GRAND RIVER TO I-96	NEW ROUTES	2.501				CON	CON
OTTAWA	M-231		FROM THE GRAND RIVER TO I-96	NEW ROUTES		PE	PE	PE	PE	
OTTAWA	I-96		OVER ABANDONED GTW RAILROAD	BRIDGE REMOVAL	1.393				CON	CON
OTTAWA	I-96		OVER ABANDONED GTW RAILROAD	BRIDGE REMOVAL		PE	PE	PE		
OTTAWA	M-231		OVER LEONARD STREET	NEW STRUCTURE ON NEW ROUTE	0.018				CON	CON
OTTAWA	I-96		OVER M-231 RAMP	NEW STRC-EXTG RTE	0.000				CON	CON
OTTAWA	I-96		UNDER 112TH AVE	REPLACE BRIDGE, ADD LANES	0.000				CON	CON
					8.414					