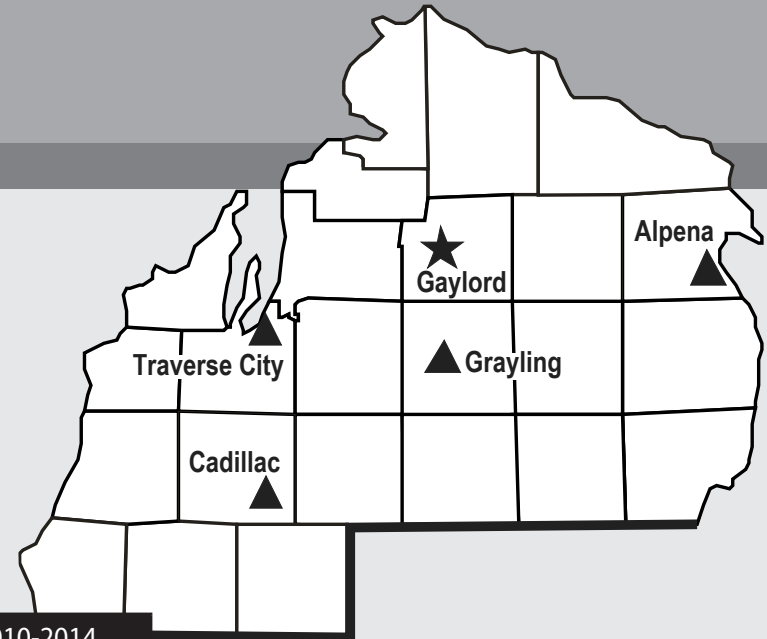


NORTH REGION

The North Region is comprised of the 24 northernmost counties of the Lower Peninsula, which are: Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Iosco, Kalkaska, Lake, Leelanau, Manistee, Mason, Missaukee, Montmorency, Ogemaw, Osceola, Oscoda, Otsego, Presque Isle, Roscommon, and Wexford. Major routes include I-75, US-127, US-23, US-131, and US-31.

Five-Year Road and Bridge Program

The road and bridge preservation projects identified in this 2010 to 2014 Five-Year Transportation Program for the North Region total approximately \$186 million. Investment is allocated in the following manner:



NORTH REGION	TOTAL 2010-2014
ROAD PRESERVATION	\$112 MILLION
BRIDGE PRESERVATION	\$9 MILLION
ROAD AND BRIDGE CPM	\$65 MILLION
TOTAL 2010-2014	\$186 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.

NORTH REGION	Route Miles OF Road	Number of Bridges and Structures
TOTAL IN REGION	1,962	461
SCHEDULED WORK	94	7
PERCENTAGE OF REGION	5%	2%

The 2010-2014 program for road preservation work reflects approximately 94 (five percent) of the North Region's more than 1,962 route miles of state trunklines during the next five years. The 2009-2013 program for bridge preservation work will address seven (two percent) of the region's 461 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. Below is a brief description of major preservation projects that are currently planned for the 2010-2014 program.

2010

Replacement of the US-131 Bridge over the Manistee River in Wexford County. This work began in 2009 as part of the ARRA program, with a full detour to be in place over the winter of 2009/2010. The new bridge will provide the correct width at this juncture between the ending of the US-131 freeway section and the "Super-Two" section which transitions traffic into a traditional 2-lane/2-way roadway.

Reconstruction of 1.38 miles of M-68 in the City of Onaway, Presque Isle County. This project includes coordination with the city's watermain construction grant and loan project. The total reconstruction work includes new storm sewer, new pavement, curb and gutter, sidewalks, and slope restoration.

Reconstruction of the entire length (0.953 mile) of M-168 (Frankfort Avenue) in the Village of Elberta, Benzie County. Drainage work, removal of unsuitable soils, safety, and streetscaping enhancement items are included in this project.

Reconstruction and turnback of 1.069 miles of M-108 in Mackinaw City, Cheboygan County. The work will include crushing and shaping, hot mix asphalt resurfacing, and geometric improvements.

2011

Resurfacing on 6.5 miles of **US-31, from south of Coates Highway to Maidens Road, in Manistee County.**

Deck replacements on the **M-37 Bridge over the Pine River, and US-131 over the Clam River, both in Wexford County.**

2012

Reconstruction of 1.85 miles on **US-23, from the AuSable River Bridge to F-41 in Iosco County.**

I-75BL from I-75 to Woodland Drive in West Branch in Ogemaw County, 1.4 miles of resurfacing.

2013

Replacement of the **M-65 bridge over the North Branch of the Thunder Bay River in Alpena County.**

Reconstruction of 7.01 miles on **I-75 from Maple Valley Road to Nine Mile Hill Road, Roscommon county.**

2014

Replacement of the **M-22 Bridge over the Platte River, in Benzie County.**

US-131 SB, from the south county line to North of US-10, in Osceola County, 5.63 miles of pavement resurfacing.

CAPACITY IMPROVEMENTS AND NEW ROADS

US-131 over the Manistee River. This project will replace the existing bridge over the Manistee River in Wexford County with a wider bridge to meet the road cross section leading to and from the bridge. An innovative road design was used in this area to allow for a smooth transition from a 70 mile per hour limited access freeway to a 55 mile per hour two-lane free access road. The project is using American Recovery and Reinvestment Act, SAFETEA-LU, and TEA-21 funds. The construction will be completed in late 2010.

2010-2014 ROAD & BRIDGE PROGRAM

Repair and Rebuild - Roads and Bridges

NORTH Bridge - Replacement and Rehabilitation

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2010	2011	2012	2013	2014
ALPENA	M-65		M-65 OVER NORTH BRANCH THUNDER BAY RIVER	BRIDGE REPLACEMENT	0.493				CON	
BENZIE	M-22		M-22 OVER PLATTE RIVER	BRIDGE REPLACEMENT	0.069					CON
EMMET	M-68		M-68 OVER CROOKED RIVER	DECK REPLACEMENT	0.263			CON		
OGEMAW	I-75		I-75 NB OVER BRANCH LAPORTE CREEK	CULVERT REPLACEMENT	1.204		CON			
OGEMAW	I-75		I-75 SB OVER BRANCH LAPORTE CREEK	CULVERT REPLACEMENT	0.100			CON		
WEXFORD	M-37		M-37 OVER PINE RIVER	DECK REPLACEMENT	1.204		CON			
WEXFORD	US-131 BR		US-131 OVER CLAM RIVER	DECK REPLACEMENT	0.292		CON			
					3.625					

NORTH Repair and Rebuild Roads

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2010	2011	2012	2013	2014
ALPENA	M-32		INTERSECTION AT RIPLEY STREET IN ALPENA	RECONSTRUCTION	0.456		CON			
ANTRIM	M-88		BELLAIRE TO CENTRAL LAKE	RESTORATION AND REHABILITATION	5.540				CON	
ANTRIM	US-31		FROM ELK RAPIDS TO CAMPBELL ROAD	RESTORATION AND REHABILITATION	4.697		CON			
BENZIE	M-168 (Frankfort Ave)		ENTIRE LENGTH OF M-168	RECONSTRUCTION	0.953	CON				
BENZIE	US-31		FROM BEULAH BRIDGE TO M-115	RESURFACE	0.607			CON		
CHARLEVOIX	M-32		M-32 FROM EAST JORDAN SOUTHERLY TO ROGERS ROAD	RESTORATION AND REHABILITATION	1.890		CON			
CHEBOYGAN	M-108		BETWEEN I-75 RAMPS AND OLD 31 TO END OF ROUTE	RESURFACE	1.069	CON				
CHEBOYGAN	US-23		FROM CHEBOYGAN EAST COUNTY LINE TO CORDWOOD	RESTORATION AND REHABILITATION	6.837		CON			
CRAWFORD	I-75		AT THE HARTWICK PINES REST AREA	ROADSIDE FACILITIES - IMPROVE	0.481		CON			
EMMET	US-31		US-31 FROM WEST OF DIVISION TO MANVEL AND M-119	TRAFFIC OPERATIONS OR SAFETY WORK	1.217		CON			
EMMET	US-31		PARADISE TR TO I-75	RESTORATION AND REHABILITATION	5.117			CON		
GRAND TRAVERSE	M-113		N. OF M-186 SOUTH TO US-131	RESTORATION AND REHABILITATION	5.088					CON
GRAND TRAVERSE	US-31		AT TOBECO CREEK	RECONSTRUCTION	0.114			CON		
IOSCO	M65		TURTLE RD TO 1200' NORTH OF SHERMAN STREET	RESTORATION AND REHABILITATION	3.213				CON	
IOSCO	US-23 (US-23)		AUSABLE RIVER BRIDGE TO F-41	RECONSTRUCTION	1.850			CON		
IOSCO	US-23		CRESENT DR. TO AU SABLE RIVER BRIDGE	RESTORATION AND REHABILITATION	4.700					CON
LAKE	US-10		DEPOT STREET TO WEST OF SADDLER ROAD	RESURFACE	1.764			CON		
LAKE	US-10		WEST OF WAVERLY ROAD TO BROADWAY	RESURFACE	0.950	CON				

2010-2014 ROAD & BRIDGE PROGRAM

Repair and Rebuild - Roads and Bridges

NORTH Repair and Rebuild Roads (continued)

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2010	2011	2012	2013	2014
LEELANAU	M-22 (South Leelanau Highway)		FROM COUNTY LINE TO EMPIRE	RESTORATION AND REHABILITATION	2.687	CON				
LEELANAU	M-22 (West Bay Shore Drive)		FROM M-201 TO OMENA	RESTORATION AND REHABILITATION	5.043					CON
LEELANAU	M-22		FROM M-204 NORTH APPROX. .82 MILES	RESTORATION AND REHABILITATION	0.816				CON	
MANISTEE	US-31 (S US 31)		US-31 AT MEMORIAL DRIVE	TRAFFIC OPERATIONS OR SAFETY WORK	0.119			CON		
MANISTEE	US-31 (Chippewa Hwy)		SOUTH OF COATES HIGHWAY TO MAIDENS ROAD	RESURFACE	6.498		CON			
OGE MAW	I-75 BL		I-75 TO WOODLAND DR	RESTORATION AND REHABILITATION	2.080			CON		
OSCEOLA	US-10	FES	WEST COUNTY LINE TO US-131 INTERCHANGE	RESURFACE	1.890	CON				
OSCEOLA	US-131 SB		SOUTH COUNTY LINE TO NORTH OF US-10	RESTORATION AND REHABILITATION	5.630					CON
PRESQUE ISLE	M68 (M-68)		IN THE CITY OF ONAWAY	RECONSTRUCTION	1.380	CON				
ROSCOMMON	I-75		FROM MAPLE VALLEY ROAD TO NINE MILE HILL ROAD	RESTORATION AND REHABILITATION	7.010				CON	
ROSCOMMON	M-55		ROSCOMMON CO WCL TO US-127	RESTORATION AND REHABILITATION	2.213		CON			
ROSCOMMON	US-127 (US-127)		MUSKEGON RIVER NORTH	RESTORATION AND REHABILITATION	3.748					CON
ROSCOMMON	US-127 NB		AT HOUGHTON LAKE REST AREA	ROADSIDE FACILITIES - PRESERVE	0.335					CON
ROSCOMMON	US-127 SB		AT THE HIGGINS LAKE REST AREA	ROADSIDE FACILITIES - PRESERVE	0.514					CON
WEXFORD	M-115		45 ROAD TO WEST OF 48 1/2 ROAD	RECONSTRUCTION	1.400			CON		
WEXFORD	M-37 (M-37)		M-115 TO NORTH OF 10 ROAD	RESURFACE	3.995				CON	
WEXFORD	US-131BR (Mitchell St)		RIVER STREET TO NORTH OF BOON ROAD	RECONSTRUCTION	2.120		CON			
					94.021					

2010-2014 ROAD & BRIDGE PROGRAM

Capacity Improvement

NORTH US-131 Rel, S/ Cadillac to Manistee River

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2010	2011	2012	2013	2014
WEXFORD	US-131		OVER THE MANISTEE RIVER	BRIDGE REPLACEMENT	2.213	CON	CON			
WEXFORD	US-131	FES	OVER THE MANISTEE RIVER	BIT RESURF & MINOR WIDENING	1.110	CON	CON			
					3.323					