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.

The North Region continues to provide quality transportation services for Michigan's highly successful year-round tourism industry. Preservation of the existing system remains a high priority. The effective passing relief lane program will be continued through 2008, with more than 25 miles of passing relief lanes planned for the next four years.

MDOT continues a strategy to address operational issues and the removal of congestion points, wherever possible, to ensure the smooth flow of traffic. The department also continues to address recreational and daily congestion problems in specific locations such as Alpena, Cadillac, Gaylord, Grayling, Petoskey, and Traverse City.

2004 Accomplishments

The North Region awarded 66 projects in 2004, worth more than $82 million in road and safety funds. Since the year 2001, $138 million dollars were awarded in road and bridge funds. This translates to 163 miles of roadway rehabilitated, 18 miles of passing relief lanes constructed, and 10 bridges upgraded in the past three years. Highlights of the 2004 construction program include**:**

US-23 Bascule Bridge in the city of Cheboygan
This mechanical lift bridge carries US-23 traffic over the Cheboygan River, part of the inland waterway Chain-of-Lakes system. The project involved replacing the deck, repairing the substructure and mechanical work, and painting the bridge elements to preserve the life of the structure. A new operator's house is now in place and the old operator's house was preserved with decorative bridge railings to maintain the historic significance of this bridge. The work was completed in the winter and spring in order to minimize the impact on the users of the navigable waterway and US-23 vehicular traffic.

Non-motorized corridor in Crawford County
Transportation Enhancement funding was used to complete two new sections of non-motorized pathway in Crawford County and a streetscape along the business loop in the city of Grayling. With the completion of the 2005 segment, bicyclists and other non-motorized travelers will be able to travel from Camp Grayling all the way to Hartwick Pines State Park on a designated pathway.

Continuing focus on the US-131 corridor
Nine miles of northbound US-131 freeway in Osceola County were preserved to continue the corridor approach to upgrading surface condition and service life of this busy stretch of highway. The corresponding southbound section is scheduled for the upcoming 2005 construction season, as well as work in Antrim County on eight miles of the same corridor in the non-freeway section of US-131.

Completion of the M-65 Bridge over the Au Sable River and approach roadway realignment
On M-65, in Iosco County, a new 760-foot span was constructed over the Au Sable River and over one mile of roadway realigned at a cost of $7.3 million to greatly improve the M-65 corridor. The goal of these improvements, to enhance safety for commercial and recreational traffic heading in and out of northeast Michigan, is being realized as the road was opened to traffic one month ahead of schedule and within budget.

M-88 in Antrim County from Mancelona to Bellaire
This busy tourist corridor was preserved with the crushing and shaping of the existing bituminous roadway which was then utilized as the base for new hot mix asphalt placed to rejuvenate this stretch of road. Detailed schedules and timing allowed this work to be completed with minimal disruption to vacation and seasonal travelers in the area.

Five Year Road & Bridge Program

The projects identified in this *2005* to *2009* Five Year Road and Bridge Program for the North Region total approximately *$166* million. Investments are allocated in the following manner:

	Amount in Millions of Dollars		
North Region	**Other Funding**	**Preserve First Funds**	**Total 2005-2009**
Road Preservation	$148	$4	$152
Bridge Preservation	$14	$0	$14
Total 2005-2009	*$162*	*$4*	**$166**

(Amounts are rounded to the nearest million dollars)

The North Region's upcoming road rehabilitation and reconstruction program will upgrade more than *448* miles of the region's 1,977 mile system over the next five years, and includes approximately 25 miles of new passing relief lanes**.** The bridge program will address *43 (nine percent)* of the region's 453 structures. Additionally, Capital Preventive Maintenance (CPM) funds are programmed annually for a significant number of projects designed to preserve the condition of the region's roads and extend their pavement life.

North Region	Miles of Road	Number of Bridges
Total in Region	1,977	453
Scheduled to be Worked on	448	43
Percentage of Region	23 %	9 %

Public Involvement

Two listening sessions were held in North Region. One was held on January 13th in Traverse City and the other was held on January 14th in Alpena. A brief summary follows.

There were a total of six written comments and 16 verbal comments between the two sessions. Comments included increasing safety and options for non-motorized travel. There is an interest in increasing east/west access across the region through increasing passing relief lanes and the possibility of an east/west freeway in northern Michigan. The need and benefits of increasing the gas tax as a method of improving service and solving funding for projects was also suggested. Appreciation of MDOT and the listening sessions were also included in the comments.

Corridor Improvement Strategies

Corridor improvement strategies are being developed and implemented as individual projects. Targeted corridors are M-72, US-23, M-65, and M-115 as well as the major north-south routes of I-75 and US-131. Access management planning, reconstruction, and passing relief lanes are being used to improve the heavily traveled M-72 corridor between Traverse City (US-31) and Grayling (I-75).

During this past construction season, the M-65 corridor strategy included replacement of the bridge over the Au Sable River to eliminate truck restrictions at this location and to provide an alternative commercial route to US-23.

The strategy for the US-131 corridor includes the construction of a limited-access transition from the end of the new freeway, south of the Manistee River to north of M-113. Construction is scheduled to begin in 2005. The work will be completed without the Manistee River Bridge being widened.

2005-2009 ROAD & BRIDGE PROGRAM

NORTH BRIDGE - REPLACEMENT AND REHABILITATION

COUNTY	ROUTE(COMMON NAME)	P.F.	LOCATION	TYPE OF WORK	LENGTH	2005	2006	2007	2008	2009
CHARLEVOIX	M-75 (S East Street)		M-75 OVER BOYNE RIVER	OVERLAY - DEEP	0.002	CON				
CHEBOYGAN	M-27		M-27 OVER MULLETT CREEK	BRIDGE REPLACEMENT	0.000	CON				
CRAWFORD	I-75		I-75 SB OVER US-127 NB	SUBSTRUCTURE PATCHING	0.002	CON				
CRAWFORD	I-75		I-75 BUSINESS LOOP NB OVER I-75 SB	JOINT REPLACEMENT	0.002	CON				
CRAWFORD	I-75		4 MILE ROAD OVER I-75	SUBSTRUCTURE PATCHING	0.002	CON				
EMMET	I-75		I-75 OVER D&M RAILROAD (ABANDONED)	PAINTING COMPLETE	0.031		CON			
EMMET	I-75		I-75 OVER CENTRAL STREET	DECK REPLACEMENT	0.000		CON			
IOSCO	US-23		US-23 OVER PRIVATE RAILROAD (ABANDONED)	SUPERSTRUCTURE REPLACEMENT	0.001			CON		
IOSCO	US-23		US-23 OVER AU SABLE RIVER	OVERLAY - DEEP	0.100	CON				
LEELANAU	M-22		M-22 OVER GLEN LAKE NARROWS	BRIDGE REPLACEMENT	0.000				CON	
LEELANAU	M-22		M-22 OVER CEDAR CREEK	BRIDGE REPLACEMENT	0.000			CON		
MANISTEE	M-115		M-115 OVER CSX RAILROAD (ABANDONED)	BRIDGE REMOVAL	0.310		CON			
MISSAUKEE	M-66		M-66 OVER CLAM RIVER	OVERLAY - DEEP	0.100	CON				
MONTMORENCY	M-33	PF	M-33 OVER THUNDER BAY CREEK	OVERLAY - DEEP	0.000	CON				
OGEMAW	I-75		I-75 SB OVER SKI PARK ROAD	SUPERSTRUCTURE REPAIR	3.295	CON				
OGEMAW	I-75		I-75 NB OVER SKI PARK ROAD	SUPERSTRUCTURE REPAIR	3.295	CON				
OGEMAW	I-75		I-75 NB OVER M-30	PAINTING - ZONE	3.295	CON				
OGEMAW	I-75		I-75 SB OVER M-30	PAINTING - ZONE	3.295	CON				
OSCEOLA	M-66		M-66 OVER MIDDLE BRANCH RIVER	OVERLAY - DEEP	0.100	CON				
OSCEOLA	US-131		US-131 SB OVER PENASHA ROAD (9 MILE ROAD)	CONCRETE SEALING	0.002	CON				
OSCEOLA	US-131		US-131 SB OVER GRAND AVENUE (7 MILE ROAD)	MINOR CONCRETE PATCHING	0.002	CON				
OSCEOLA	US-131		ASHTON ROAD OVER US-131	MINOR CONCRETE PATCHING	0.002	CON				
OSCEOLA	US-131		US-131 NB OVER 9 MILE ROAD (PENASHA ROAD)	OVERLAY - EPOXY	0.002	CON				
OSCEOLA	US-131		US-131 SB OVER EAST BRANCH HERSEY CREEK	CONCRETE SEALING	0.002	CON				
OSCEOLA	US-131		US-131 SB OVER HERSEY CREEK	CONCRETE SEALING	0.002	CON				
OSCEOLA	US-131		US-131 NB OVER HERSEY CREEK	CONCRETE SEALING	0.002	CON				
OSCEOLA	US-131		20 MILE ROAD (MARION) OVER US-131 NB	JOINT REPLACEMENT	0.002	CON				
OSCEOLA	US-131		20 MILE ROAD (MARION) OVER US-131 SB	JOINT REPLACEMENT	0.002	CON				
OSCEOLA	US-131		18 MILE ROAD (ROSE LAKE) OVER US-131	CONCRETE SEALING	0.002	CON				
OSCEOLA	US-131		US-131 NB OVER GRAND AVENUE (7 MILE ROAD)	CONCRETE SEALING	0.002	CON				
OSCEOLA	US-131		LEROY ROAD OVER US-131	JOINT REPLACEMENT	0.002	CON				
OSCEOLA	US-131		LUTHER ROAD OVER US-131	JOINT REPLACEMENT	0.002	CON				
WEXFORD	M-37, M-115		M-37, M-115 OVER MDOT RAILROAD	DECK REPLACEMENT	0.000					CON
WEXFORD	US-131 (Mackinaw Trail)		NO. 36 ROAD OVER US-131	SUBSTRUCTURE PATCHING	0.001	CON				
WEXFORD	US-131 (Mackinaw Trail)		CROSBY ROAD (RELOCATION) OVER US-131	SUBSTRUCTURE PATCHING	0.001	CON				
WEXFORD	US-131 (Mackinaw Trail)		M-55 OVER US-131	SUBSTRUCTURE PATCHING	0.001	CON				
WEXFORD	US-131 (Mackinaw Trail)		OLD US-131 OVER US-131	PAINTING COMPLETE	0.001	CON				
WEXFORD	US-131		US-131 NB OVER 50 MILE ROAD	JOINT REPLACEMENT	0.002	CON				

2005-2009 ROAD & BRIDGE PROGRAM

NORTH BRIDGE - REPLACEMENT AND REHABILITATION

COUNTY	ROUTE(COMMON NAME)	P.F.	LOCATION	TYPE OF WORK	LENGTH	2005	2006	2007	2008	2009
WEXFORD	US-131		US-131 NB OVER M-115	CONCRETE SEALING	0.002	CON				
WEXFORD	US-131		US-131 SB OVER M-115	CONCRETE SEALING	0.002	CON				
WEXFORD	US-131		US-131 SB OVER 50 MILE ROAD	JOINT REPLACEMENT	0.002	CON				
WEXFORD	US-131		US-131 NB OVER MDOT RAILROAD (ABANDONED)	CONCRETE SEALING	0.002	CON				
WEXFORD	US-131		US-131 SB OVER MDOT RAILROAD (ABANDONED)	CONCRETE SEALING	0.002	CON				
					3.946					

2005-2009 ROAD & BRIDGE PROGRAM

NORTH PASSING RELIEF LANES

COUNTY	ROUTE(COMMON NAME)	P.F.	LOCATION	TYPE OF WORK	LENGTH	2005	2006	2007	2008	2009
GRAND TRAVERSE	M-37		SOUTH OF VANCE ROAD TO NORTH OF US-31	MINOR WIDENING	1.802	CON				
MISSAUKEE	M-55		8 MILE ROAD TO STEVENS ROAD	MINOR WIDENING	1.766	CON				
OSCODA	M-33		CURTISVILLE ROAD TO ZIMOWSKI ROAD	MAJOR WIDENING	1.307	CON				
					4.875					

2005-2009 ROAD & BRIDGE PROGRAM

NORTH REPAIR AND REBUILD ROADS

COUNTY	ROUTE(COMMON NAME)	P.F.	LOCATION	TYPE OF WORK	LENGTH	2005	2006	2007	2008	2009
ALCONA	M-72		ODONNELL ROAD EAST TO F-41	RESTORATION AND REHABILITATION	11.191			CON		
ALCONA	M-72		US-23 TO F-41	RESURFACE	6.227	CON				
ALCONA	US-23		EVERETT ROAD TO BLACK RIVER ROAD	RESTORATION AND REHABILITATION	4.889					CON
ALCONA	US-23		NORTH OF GREENBUSH TO SOUTH OF M-72 IN HARRISVILLE	RESTORATION AND REHABILITATION	3.840		CON			
ALPENA	M-32		INTERSECTION AT RIPLEY STREET IN ALPENA	RECONSTRUCTION	0.456				CON	
ALPENA	M-65		SOUTH OF VANWAGNER ROAD TO M-32	RESURFACE	16.221			CON		
ALPENA	M-65		M-32 TO GRAND LAKE HIGHWAY	RESURFACE	14.976		CON			
ALPENA	US-23		THUNDER BAY RIVER BRIDGE TO HAMILTON ROAD	RECONSTRUCTION	2.390				CON	
ALPENA	US-23		HAMILTON ROAD TO PRESQUE ISLE COUNTY LINE	RESURFACE	8.019			CON		
ANTRIM	M-88		SOUTH OF ECKHARDT ROAD TO SOUTH CENTRAL LAKE	RESURFACE	1.400		CON			
ANTRIM	M-88		BELLAIRE TO ECKHARDT ROAD	RESTORATION AND REHABILITATION	5.480				CON	
ANTRIM	US-131		FROM ELDER ROAD NORTH TO M-66	RECONSTRUCTION	2.314					CON
ANTRIM	US-131		ALBA ROAD TO THE NORTH M-32 JUNCTION	RESURFACE	8.140	CON				
BENZIE	M-115		FROM BRIDGE STREET EAST 4 MILES	RESTORATION AND REHABILITATION	3.469					CON
BENZIE	M-115		MANISTEE COUNTY LINE TO US-31	RESURFACE	10.941		CON			
BENZIE	M-22		SOUTHSHORE DRIVE TO NORTH CRYSTAL DRIVE	RESTORATION AND REHABILITATION	4.440	CON				
BENZIE	M-22		MANISTEE COUNTY LINE TO ELBERTA	RESURFACE	8.120			CON		
CHARLEVOIX	M-32		JORDAN RIVER BRIDGE EAST TO THIRD STREET	RECONSTRUCTION	0.281		CON			
CHEBOYGAN	I-75		TOPINABEE ROAD TO RIGGSVILLE ROAD	RESTORATION AND REHABILITATION	5.547				CON	
CHEBOYGAN	I-75		FROM INDIAN RIVER TO TOPINABEE	RESTORATION AND REHABILITATION	4.690			CON		
CHEBOYGAN	I-75		FROM RIGGSVILLE ROAD TO LEVERING ROAD	RESTORATION AND REHABILITATION	4.332	CON				
CHEBOYGAN	I-75	PF	LEVERING ROAD TO HEBRON TOWN HALL ROAD	RESTORATION AND REHABILITATION	4.262	CON				
CHEBOYGAN	I-75 NB		FROM US-31 NORTH TO M-108	RESURFACE	1.990			CON		
CHEBOYGAN	I-75 SB		NORTH OF US-31 TO SOUTH OF M-108	RESURFACE	1.990		CON			
CHEBOYGAN	M-27		FROM LINCOLN ST TO US-23	RECONSTRUCTION	0.992					CON
CHEBOYGAN	US-23		FROM CHEBOYGAN EAST COUNTY LINE TO GARFIELD	RESTORATION AND REHABILITATION	13.780					CON
CRAWFORD	I-75		FROM CRAWFORD SOUTH COUNTY LINE TO US-127	RESURFACE	5.927		CON			
CRAWFORD	I-75 BL		FROM M-72 EAST TO M-72 WEST	RECONSTRUCTION	0.688					CON
CRAWFORD	M-18		FROM ROSCOMMON COUNTY LINE TO OSCODA COUNTY LINE	RESURFACE	8.673	CON				
CRAWFORD	M-93		CAMP GRAYLING NORTH 2 MILES	RESURFACE	2.385	CON				
GRAND TRAVERSE	US-31		ACME NORTHERLY TO THE ANTRIM COUNTY LINE	RESURFACE	7.140		CON			
IOSCO	M-65		FROM THE AU SABLE RIVER NORTH TO KINGSCORNER ROAD	RESTORATION AND REHABILITATION	3.593					CON
KALKASKA	M-66		FROM MISSAUKE COUNTY TO M-72	RESURFACE	13.753	CON				
KALKASKA	US-131		KALKASKA TO VILLAGE OF ANTRIM	RESTORATION AND REHABILITATION	11.273			CON		
LAKE	M-37		US-10 (NORTH JUNCTION) TO 7 MILE ROAD	RESURFACE	10.478			CON		
LEELANAU	M-204		FROM GOODHARBOR BAY TO SUTTTONS BAY	RESURFACE	7.810		CON			
LEELANAU	M-22		FROM M-72 NORTH TO CEDAR CREEK	RESURFACE	1.600			CON		
LEELANAU	M-22		COUNTY ROAD 675 TO M-204	RESURFACE	15.530			CON		

2005-2009 ROAD & BRIDGE PROGRAM

NORTH REPAIR AND REBUILD ROADS

COUNTY	ROUTE(COMMON NAME)	P.F.	LOCATION	TYPE OF WORK	LENGTH	2005	2006	2007	2008	2009
LEELANAU	M-22		FROM EMPIRE TO COUNTY ROAD 616	RESURFACE	3.810		CON			
MANISTEE	M-115		NORTH MANISTEE COUNTY LINE TO EAST MANISTEE COUNTY	RESURFACE	9.776		CON			
MANISTEE	US-31		BETWEEN MANISTEE AND BEAR LAKE	RECONSTRUCTION	5.227			CON		
MISSAUKEE	M-55		M-66 TO 8 MILE ROAD	RESTORATION AND REHABILITATION	8.125				CON	
MISSAUKEE	M-66		RANDELL ROAD TO M-42	RESTORATION AND REHABILITATION	1.676				CON	
MISSAUKEE	M-66		IN MISSAUKEE COUNTY	RESURFACE	14.080	CON				
MONTMORENCY	M-33		M-32 IN ATLANTA NORTH TO PRESQUE ISLE COUNTY LINE	RESTORATION AND REHABILITATION	14.292		CON			
OGEMAW	M-30		FROM THE GLADWIN COUNTY LINE TO M-55	RESURFACE	8.179			CON		
OGEMAW	M-55		HENDERSON LAKE ROAD TO SAGE LAKE ROAD	RESURFACE	4.729			CON		
OSCEOLA	M-115		M-61 TO CLARE COUNTY LINE	RESTORATION AND REHABILITATION	5.821					CON
OSCEOLA	M-115		50TH AVENUE TO 19 MILE ROAD	RECONSTRUCTION	3.140				CON	
OSCEOLA	US-10		200TH AVENUE TO WEST OF 175TH AVENUE	RECONSTRUCTION	2.320		CON			
OSCEOLA	US-131 NB		NORTH OF LUTHER ROAD TO M-115	RESURFACE	15.386			CON		
OSCEOLA	US-131 SB		SOUTH OF LUTHER ROAD TO WHITE PINE TRAIL	RESURFACE	12.148		CON			
OSCEOLA	US-131 SB		NORTH OF US-10 TO SOUTH OF LUTHER ROAD	RESTORATION AND REHABILITATION	7.860	CON				
OSCODA	M-33		M-72 TO NORTH OF MCKINLEY ROAD	RESTORATION AND REHABILITATION	0.661	CON				
OSCODA	M-33		NORTH OF BORDEN ROAD TO FOURTEENTH STREET IN MIO	RESTORATION AND REHABILITATION	12.456	CON				
OSCODA	M-72		WEST OSCODA COUNTY LINE EAST TO M-33 IN MIO	RESURFACE	13.447	CON				
OTSEGO	I-75		RAMPS AT OLD 27	RESTORATION AND REHABILITATION	0.710				CON	
PRESQUE ISLE	M-68		CURTIS ROAD TO US-23	RESURFACE	7.090			CON		
PRESQUE ISLE	US-23		ALPENA COUNTY LINE TO COUNTY ROAD 638	RESURFACE	11.350		CON			
ROSCOMMON	M- 55 OLD (West Branch Road)		FROM M-55 TO I-75	RESURFACE	12.003		CON			
ROSCOMMON	US-127 SB		AT THE HIGGINS LAKE REST AREA	ROADSIDE FACILITIES - PRESERVE	1.193					CON
WEXFORD	M-115		MACKINAW TRAIL TO 46 ROAD	RESURFACE	1.009				CON	
WEXFORD	M-115		39 ROAD TO 48 ROAD	RECONSTRUCTION	2.139	CON				
WEXFORD	M-115		SUNNYSIDE DRIVE TO 39 ROAD	RECONSTRUCTION	0.852		CON			
WEXFORD	M-37		M-55 TO 30 ROAD	RESURFACE	11.831			CON		
WEXFORD	M-37		NORTH OF 30 ROAD TO M-115	RESURFACE	7.598		CON			
WEXFORD	US-131		6 1/2 ROAD TO NORTH OF M-113	RESTORATION AND REHABILITATION	3.725	CON				
WEXFORD	US-131 BR (Mitchell Street)		PEARL STREET TO CHAPIN STREET	RECONSTRUCTION	0.912					CON
WEXFORD	US-131 NB		AT THE CADILLAC REST AREA	ROADSIDE FACILITIES - PRESERVE	0.460	CON				
					443.232					