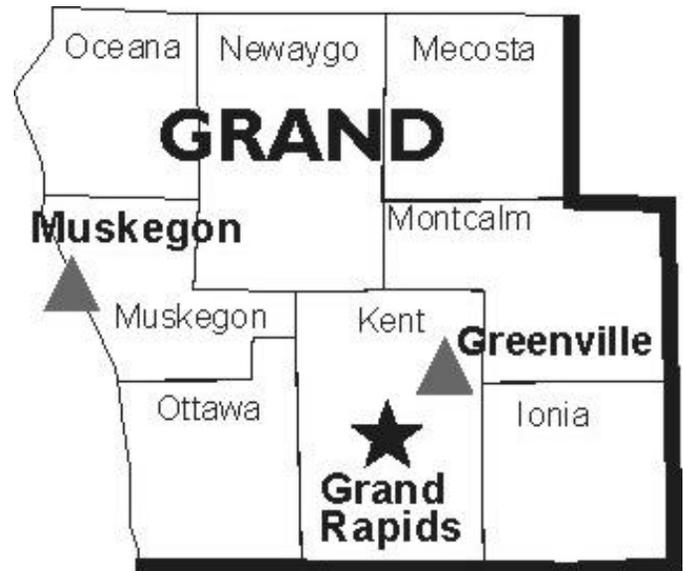


GRAND REGION

The Grand Region serves eight counties in the western part of Michigan. These include Ionia, Kent, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, and Ottawa Counties. Major state trunklines include: I-96, I-196, US- 31, US-131 and the future M-6 freeway.

The Grand Region is continuing to experience significant economic and residential development. Project selection strategies focus on upgrading the system with an emphasis on freeway modernization, safety, and operational improvements. Economic expansion, and the resulting traffic growth, in this area has required that MDOT address system continuity needs of the freeway system by constructing the Grand Rapids South Beltline (M-6), designated as the **Paul B. Henry** freeway. M-6 is planned for completion by 2005.



Under the Preserve First policy, the Grand Region will continue to address system preservation needs along the major trunkline routes, to address the travel needs and support the economy of this region. MDOT will continue to complete the environmental clearance phases for major projects like: US-31 between Holland and Grand Haven in Ottawa County, I-196 at Chicago Drive/Baldwin St. in Ottawa and Kent Counties, and I-196 in the City of Grand Rapids, to address future trunkline needs in the Grand Region.

Past Accomplishments

The Grand Region's construction program over the last five years included a record level of over \$871 million in construction contracts. Over 385 miles of road were resurfaced or reconstructed, and 106 bridges were upgraded over this period. As a result, surface condition improved from 70% good in 1997 to 80% good in 2001. In addition, fifteen new bridges and five miles of new roadway were completed when the segment of M-6 between I-96 and M-37 south of Grand Rapids was opened. These surface improvements, and capacity improvements to address congestion problems, have resulted in improved ride quality and reduced congestion and travel times in this region.

- **M-6 (Paul B. Henry Freeway):** Work continues as this project moves toward its scheduled 2005 opening. Construction began in 2001 on the US-131 / M-6 interchange. This vital interchange will serve significant traffic as it connects M-6 with one of the Grand Region's busiest freeways. Improvements were made to the US-131 interchanges at 68th and 76th Streets to improve freeway

operations near the M-6 alignment. Work on the northbound lanes was completed in 2002. Additional work on the southbound lanes of US-131 in the interchange area will continue and be completed in 2003.

- **I-196 (Gerald R. Ford Freeway) Bridges in Grand Rapids:** In 2002, work was completed on four bridges west of US-131. This project addressed structural issues on the bridges and improved traffic operations along I-196, between Lane Avenue and US-131.
- **US-31 Business Route, Southern Avenue to the I-96/US-31 interchange, in Muskegon:** This six-mile long project improved the condition of this key business route by completing concrete joint repairs, bituminous resurfacing, and additional concrete median barrier (between Grand Haven Road to Getty Street), along with several intersection improvements designed to help traffic operation.
- **M-45 (Lake Michigan Drive), from 68th Avenue to the East Ottawa County Line.** Construction work continued on this major widening project in Ottawa County, in Allendale Charter Township, Tallmadge Township and near Grand Valley State University. The boulevard segment of this project, between 14th and 68th Avenues was completed in 2002. A five-lane section was also opened to traffic from 14th Avenue to the East Ottawa County line in 2002.
- **M-37, in Newaygo County:** This resurfacing project along four miles of M-37 from White Cloud north to Three Mile Road was completed in 2002. This is one of three phases of resurfacing. The other two phases will be completed in 2003.
- **US-131 from Cannonsville Road to M-46 in Montcalm County:** Construction was completed in 2002 on this five and one-half mile freeway capital preventive maintenance project in Montcalm County. This project included diamond grinding and concrete pavement repairs.
- **I-196 at 44th Street:** Interchange improvements included an eastbound loop ramp to the I-196 freeway from 44th Street which eliminates left-turns and improves traffic flow in the city of Grandville.
- **M-11 (28th Street) at M-37 (Broadmoor Avenue):** This major trunkline intersection in the cities of Grand Rapids and Kentwood was improved through the addition of dual left-turn lanes in all directions. The reconstructed concrete intersection provides capacity, safety, and pavement condition improvements for this high-impact intersection. The project was completed two weeks early and culminated with a media event that helped inform the public of the project's completion.

- **M-120 over the Muskegon River (the Causeway/Veterans Memorial Highway):** M-120 is a commuter corridor connecting North Muskegon with the Muskegon downtown area. The completion of this two-year project in 2002, included replacement of the structure and approaches to this major river crossing in the Muskegon area.
- **M-20 from US-131 to McKinley Road in the City of Big Rapids and Mecosta County.** In 2002, over three miles of M-20 were resurfaced from US-131 to 3rd Avenue in the City of Big Rapids, and over four miles of M-20 was rehabilitated from the east city limits of Big Rapids to McKinley Road in Mecosta County. M-20 is the primary trunkline link between Ferris State University in Big Rapids and Central Michigan University in Mt. Pleasant.
- **US-31 at Sherman Boulevard in Muskegon:** Interchange improvements included providing additional US-31 southbound off-ramp storage capacity. The completed right turn lane for eastbound Sherman Boulevard will also provide enhanced access to US-31 southbound.

Five Year Road and Bridge Program

The projects identified in this 2003 to 2007 Five Year Road and Bridge Program for the Grand Region total approximately \$329 million. Investments are allocated in the following manner:

Preserve First	\$ 20 Million
Road & Bridge Preservation	\$244 Million
Capacity Improvements & New Roads	
Construction	\$ 43 Million
Design & Pre-Construction Activities	\$ 22 Million

There are 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.

The Grand Region's Five-Year preservation and capital preventive maintenance program will upgrade over 250 additional miles (about 20%) of the Grand Region's 1,270 miles of state trunklines during the next five years. Of the 730 bridges in the Grand Region, 50 (more than 7%) are currently programmed for improvements during this time period. Major freeway work is programmed for the US-131 freeway north and south of Grand Rapids, I-96 in Kent and Ottawa Counties, and I-196 bridges in the city of Grand Rapids. Pavement rehabilitation is planned for the existing US-31 corridor and US-31 Business Route in the Holland area.

Major new projects in the 2003 to 2007 program include:

- **I-196 (Gerald R. Ford Freeway) Bridges in Grand Rapids:** Major rehabilitation and improvements are planned to several bridges along I-196 in Grand Rapids east of US-131 in 2005. I-196 is nearly 40 years old in this area and has the second highest traffic volumes in the Grand Region. These projects will address structural issues on the bridges and improve traffic operations along this core urban freeway. This freeway provides access to the downtown area and its related major redevelopment projects, such as the new convention-entertainment complex.
- **I-96 Freeway between Coopersville and M-37 (Alpine Avenue) in Ottawa and Kent Counties:** The Coopersville to Marne project is being accelerated with work on crossovers and joint repairs beginning in 2003. In 2004, bridge work and major rehabilitation on this eight mile section of interstate freeway will be completed. In 2006, similar work is planned for the five mile segment between Marne and M-37 (Alpine Avenue) in Kent County. The I-96 freeway in this area links Grand Rapids and Muskegon.
- **US-131 Freeway, north of Grand Rapids:** Reconstruction of this major freeway corridor in the Grand Rapids metro area begins in 2005 along the two mile segment between Ann Street and I-96, on the southbound lanes. Traffic flow improvements are also being considered. Reconstruction of the northbound lanes, Ann Street to I-96, is scheduled for 2007.

Other work scheduled for this corridor north of Grand Rapids includes: the North Park Street to 6 Mile Road pavement rehabilitation project scheduled for 2005 construction, and a rehabilitation and concrete joint repair project from 6 Mile Road to 10 Mile Road in 2007.

- **M-37, in Newaygo County:** In 2003, resurfacing is scheduled from 3 Mile Road north to the northern county line. Additional joint repairs and resurfacing will be constructed along ten miles of M-37 from the city of Newaygo, south to Bailey in Muskegon county. M-37 is a tourist and commuter route between northern Michigan and Grand Rapids.
- **M-120 (Holton Rd.), from Lake Avenue in North Muskegon to US-31, and from east of US-31 to Marvin Road in Muskegon County:** These two projects scheduled for 2003 and 2004 include joint repairs and resurfacing of over 13 miles of this major trunkline highway in Muskegon County. Also included with the projects are a center left-turn lane between Getty Street and Roberts Road, and a new loop ramp from westbound M-120 to southbound US-31.
- **M-45 (Lake Michigan Drive), in Kent County:** In 2004, from Manzana Drive in Walker to I-196 in Grand Rapids, three miles of M-45 will be resurfaced, with intersection improvements in the area of Oakleigh and Maynard Avenues. Also,

a center left turn lane in the City of Walker will be completed, jointly funded by MDOT and the City.

- **US-31 in Holland, between 8th Street and 32nd Street:** Resurfacing and joint repairs are planned for 2004 along this two mile segment of US-31. US-31 is a major interstate trunkline as well as an urban commuter route along the coast of Lake Michigan which passes through the city of Holland.
- **M-44 in Ionia County:** In 2003, just under one mile of M-44, from the Flat River bridge to Ionia Street in the City of Belding, will be reconstructed to three lanes including concrete curb and gutter with intersection improvements. In 2006, additional resurfacing and joint repairs are planned on M-44, east of Belding to M-66. M-44 is an east/west highway linking I-96 and M-66.
- **US-31 in Muskegon and Oceana Counties:** Resurfacing from Polk Road to Monroe Road was completed in 2002. Work will continue on this route in both counties with resurfacing projects from, Fruitvale Road to Winston Road in 2005, and from Shelby Road to Polk Road and Monroe Road to the north Oceana County Line in 2007.
- **I-96 from US-31 to M-104:** This important east/west freeway route will be resurfaced in 2003.
- **US-31 at Third Street:** The southbound off-ramp will be extended on this interchange in Ferrysburg / Ottawa County.
- **M-82 at Stone Road:** In 2003 this intersection will be improved with the addition of a center left turn lane along the north leg of Stone Road.
- **M-46 Corridor in Montcalm County:** Major rehabilitation work continues on this important agricultural corridor following completion of the Edmore to Vestaburg section in 2002. In 2003, work will continue from Vestaburg to the eastern Montcalm County Line.

In 2005, the segments from the M-66 west junction to the M-66 east junction and 2nd Street to Lewis Street in Edmore will be completed.

- **M-20 in Mecosta County:** Over 11 miles of M-20 will be rehabilitated in Mecosta County during this five year time period, as a continuation of work which began in 2002 to improve the M-20 corridor between Big Rapids and Mt. Pleasant. In 2003, M-20 will be improved from McKinley Road to South of 13 Mile Road, as well as the M-20/ M-66 intersection in Remus; and in 2007, M-20 will be rehabilitated from 13 mile Road to 80th Street.
- **M-11 (28th Street) in Grand Rapids:** Two intersections are being reconstructed (at Kalamazoo Avenue and Breton Avenue), in coordination with work on the two cross streets by the City, in 2003 and 2004; and in 2005, the Division Avenue

intersection will be reconstructed. These concrete reconstructions will improve the condition of these three major intersections along this busy commercial corridor.

In addition, Capital Preventive Maintenance (CPM) projects, programmed annually, will be undertaken to improve the condition and extend the life of bridges and highway surfaces, as well as Traffic-Safety projects to improve traffic operations in the Grand Region. Several Congestion Mitigation/Air Quality (CMAQ) projects are also planned for trunklines in Kent, Ottawa, and Muskegon counties. Some of the major CMAQ, Traffic-Safety, and CPM projects include:

- **US-31 at M-120:** Adding a loop ramp from westbound M-120 to the southbound US-31 freeway to eliminate left-turns and improve traffic flow in the Muskegon area.
- **I-96 at East Beltline Interchange:** On the eastbound off-ramp, three ramp turning lanes will be extended to provide additional storage and improve freeway operations.
- **US-31 at Sherman Boulevard in Muskegon:** The US-31 northbound off-ramp will be widened from one to three lanes to improve freeway operations.
- **I-96 in Metropolitan Grand Rapids:** A two phase CPM project will provide resurfacing to one of the Grand Rapids area's busiest routes. The segment from Monroe Avenue to Cascade Road is planned for late 2003, and in 2004 from Cascade Road to 28th Street (M-11).
- **US-31 from 3rd Street to Hile Road:** In 2003, this major north / south corridor in Muskegon and Ottawa Counties will be resurfaced.
- **M-11 (Wilson Avenue):** Two major Traffic/Safety intersection improvements are planned for this corridor: at River Bend Drive in 2003; and at Burton Street in 2004.
- **US-131 at I-196 BL:** In 2003 and 2004 deck patching, joint and beam repairs in order to improve the condition of this bridge will be completed on a route vital to travel in the Holland area.

Capacity Improvements and New Roads

M-6 (Paul B. Henry Freeway), I-96 to I-196, Kent County.

The construction of a 20-mile limited access freeway connecting I-96 and I-196 across the southern Grand Rapids metropolitan area is currently underway. The eastern segment from the I-96 interchange to M-37 was completed and opened to traffic in 2001. Construction of the remaining segments from M-37 to I-196 is ongoing and will be open to traffic in 2005. A major component of this project is the widening of US-131

from 76th Street to 44th Street. The anticipated completion of the US-131 project is late 2003.

I-96/36th Street Interchange (I-96 Airport Area Access), Kent County.

A Final Environmental Impact Statement has been approved for a new I-96 interchange connecting to the 36th Street extension in Kent County near the Gerald R. Ford International Airport in southeastern metropolitan Grand Rapids. A Record of Decision was granted by the Federal Highway Administration in April 2003. The design and right of way acquisition phases will proceed. The construction letting is scheduled for 2005.

US-31, Holland to Grand Haven, Ottawa County.

A Final Environmental Impact Statement (FEIS) will be submitted to the Federal Highway Administration (FHWA) in 2004. The recommended alternative includes a new freeway east of the current alignment and some improvements to the existing roadway in Grand Haven and Holland. A land use study of Ottawa County was included as a part of the FEIS to highlight the opportunity for local land use coordination which could help manage current and projected growth in the County along the corridor. Design activities will be deferred to a future Five Year Plan.

I-196 / Chicago Drive, Interchange Modification (Baldwin Road Connector), Kent and Ottawa Counties.

A study is underway to provide additional I-196 access to the Jenison area of Georgetown Township. The environmental clearance activities for this interchange modification have been initiated and are planned for completion in 2004. Following the completion of an environmental document, the design phase will proceed and is expected to be completed in 2006. Right-of-way acquisition and construction activities will be included in future Five Year Road and Bridge Programs.

I-196/I-96 Corridor Improvement Study, Grand Rapids, Kent County.

A corridor master plan for I-196 from Market Street to I-96 and the segment of I-96 from Leonard Street to M-21 is completed. The purpose of this study is to identify needed mainline and interchange improvements along the corridor. The data gathered and input solicited from local officials during this study will be used in decisions regarding future corridor preservation work and freeway modernization activities. An Environmental Assessment (EA) for the corridor was initiated in 2003.

I-96, East of the Thornapple River, Kent County.

A joint effort between MDOT and the Kent County Road Commission is underway to study the need for additional access to I-96 in the area between the Thornapple River and M-50 in Kent County. MDOT is working with the Grand Valley Metro Council to model the impact of recent and planned improvements (such as M-6, the 36th Street Extension and interchange at I-96) in the study area to determine if additional and/or modified freeway access is warranted. The environmental clearance phase for this proposed project will be deferred to a future Five Year Plan.

FIVE YEAR HIGHWAY AND BRIDGE PROGRAM
Repair and Rebuild Roads

COUNTY	ROUTE (COMMON NAME)	BM III	LOCATION	TYPE OF WORK	LENGTH	2003	2004	2005	2006	2007
IONIA	M-21 (BLUE WATER HIGHWAY)		HAYNOR STREET TO M-66 (EAST JUNCTION)	ROAD - RECONSTRUCTION	0.797			CON		
IONIA	M-21 (LINCOLN STREET)		M-66 (EAST JUNCTION) TO LOVELL STREET	ROAD - RESURFACE, MILL AND PULVERIZE	1.350					CON
IONIA	M-21 (BLUE WATER HIGHWAY)		OVER STONEY CREEK	BRIDGE - APPROACH WORK	0.000				CON	
IONIA	M-21 (BLUE WATER HIGHWAY)		M-21 OVER STONEY CREEK	BRIDGE - OVERLAY - DEEP	0.000				CON	
IONIA	M-21 (BLUE WATER HIGHWAY)		MUIR WEST VILLAGE LIMIT COOK ROAD	ROAD - RESURFACE, MILL AND PULVERIZE	4.179				CON	
IONIA	M-21 (BLUE WATER HIGHWAY)		HILLCREST ROAD TO MUIR WESR VILLAGE LIMIT	ROAD - RESURFACE, MILL AND PULVERIZE	3.229					CON
IONIA	M-21 (BLUE WATER HIGHWAY)		OVER MAPLE RIVER	BRIDGE - APPROACH WORK	0.000				CON	
IONIA	M-21 (BLUE WATER HIGHWAY)		M-21 OVER MAPLE RIVER	BRIDGE - OVERLAY - DEEP	0.000				CON	
IONIA	M-44 (BELDING ROAD)		FLAT RIVER BRIDGE TO IONIA STREET	ROAD - RECONSTRUCTION	0.695	CON				
IONIA	M-44 (BELDING ROAD)		IONIA STREET TO CANFIELD ROAD; FLANNIGAN ROAD TO M	ROAD - RESURFACE, MILL AND PULVERIZE	5.234	CON				
IONIA	M-50		LAKE ODESSA WEST VILLAGE LIMIT TO SOUTH COUNTY LI	ROAD - RESURFACE, MILL AND PULVERIZE	1.330		CON			
IONIA	M-50		OVER TUPPER RIVER	BRIDGE - APPROACH WORK	0.000		CON			
IONIA	M-50		M-50 OVER TUPPER RIVER	BRIDGE - SUPERSTRUCTURE REPAIR	0.000		CON			
IONIA	M-50 (NASH HIGHWAY)		M-50 OVER DUCK CREEK	BRIDGE - BRIDGE REPLACEMENT	0.000	CON				
IONIA	M-66 (STATE ROAD)		M-21 TO APPLE TREE LANE, IONIA	ROAD - RECONSTRUCTION	0.700				CON	
IONIA	M-66 (STATE ROAD)		PORTLAND ROAD TO GRAND RIVER AVENUE	ROAD - RESURFACE, MILL AND PULVERIZE	0.864				CON	
KENT	I-196 (GERALD R FORD FREEWAY)		I-196, M-21 EB OVER CONRAIL RAILROAD (ABANDONED)	BRIDGE - PREVENTIVE MAINTENANCE	0.000					CON
KENT	I-196 (GERALD R FORD FREEWAY)		I-196, M-21 WB OVER CONRAIL RAILROAD (ABANDONED)	BRIDGE - PREVENTIVE MAINTENANCE	0.000					CON
KENT	I-196 (GERALD R FORD FREEWAY)		I-196, M-21 EB OVER BUTTERWORTH STREET	BRIDGE - PREVENTIVE MAINTENANCE	0.000					CON
KENT	I-196 (GERALD R FORD FREEWAY)		I-196, M-21 WB OVER BUTTERWORTH STREET	BRIDGE - PREVENTIVE MAINTENANCE	0.000					CON
KENT	I-196 (GERALD R FORD FREEWAY)		I-196, M-21 WB OVER BRIDGE STREET	BRIDGE - SUPERSTRUCTURE REPLACEMENT						CON
KENT	I-196 (GERALD R FORD FREEWAY)		I-196, M-21 EB OVER BRIDGE STREET	BRIDGE - SUPERSTRUCTURE REPLACEMENT						CON
KENT	I-196		FOUR BRIDGES ON I-196, GRAND RAPIDS	BRIDGE - APPROACH WORK	0.000			CON		
KENT	I-196		I-196 M-21 EB OVER OTTAWA AVENUE AND RAMP A	BRIDGE - SUPERSTRUCTURE REPLACEMENT	0.000			CON		
KENT	I-196		I-196 M-21 WB OVER OTTAWA AVENUE AND RAMP A	BRIDGE - WIDEN, REPLACE SUPERSTRUCTURE, AI	0.000			CON		
KENT	I-196		I-196 M-21 EB OVER US-131 BR AND IONIA	BRIDGE - SUPERSTRUCTURE REPLACEMENT	0.000			CON		
KENT	I-196		I-196 M-21 WB OVER US-131 BR AND IONIA	BRIDGE - WIDEN, REPLACE SUPERSTRUCTURE, AI	0.000			CON		
KENT	I-196 EB (GERALD R FORD FREEWA		I-196 EB OVER GTW RAILROAD	BRIDGE - APPROACH WORK	0.000			CON		
KENT	I-196 (GERALD R FORD FREEWAY)		EB RAMP OVER M-21 BR (CHICAGO DRIVE)	BRIDGE - APPROACH WORK	0.000		CON			
KENT	I-196 (GERALD R FORD FREEWAY)		I-196 RAMP A, M-21 OVER M-21 BR (CHICAGO DRIVE)	BRIDGE - PREVENTIVE MAINTENANCE	0.000		CON			
KENT	I-196 (GERALD R FORD FREEWAY)		TWO BRIDGES ON I-196, GRAND RAPIDS	BRIDGE - APPROACH WORK	0.000			CON		
KENT	I-196 (GERALD R FORD FREEWAY)		I-196 EB M-21 OVER MONROE	BRIDGE - DECK REPLACEMENT	0.000			CON		
KENT	I-196 (GERALD R FORD FREEWAY)		I-196 OFF RAMP OVER US-131 BR AND IONIA	BRIDGE - DECK REPLACEMENT	0.000			CON		
KENT	I-196 (GERALD R FORD FREEWAY)		TWO RAMP BRIDGES, GRAND RAPIDS	BRIDGE - APPROACH WORK	0.000			CON		
KENT	I-196 (GERALD R FORD FREEWAY)		I-196 WB RAMP OVER OTTAWA AVENUE AND RAMP A	BRIDGE - DECK REPLACEMENT	0.000			CON		

**FIVE YEAR HIGHWAY AND BRIDGE PROGRAM
Repair and Rebuild Roads**

COUNTY	ROUTE (COMMON NAME)	BM III	LOCATION	TYPE OF WORK	LENGTH	2003	2004	2005	2006	2007
KENT	I-196 (GERALD R FORD FREEWAY)		I-196 WB OFF RAMP OVER DANLY MACHINE BUILDING	BRIDGE - DECK REPLACEMENT	0.000			CON		
KENT	I-196 WB (GERALD R FORD FREEWA		OVER LANE AVENUE, GRAND RAPIDS	BRIDGE - APPROACH WORK	0.000					CON
KENT	I-196		I-196 WB OVER GRAND RIVER/US131	BRIDGE - JOINT REPLACEMENT	0.000	CON				
KENT	I-196 EB		UNDER RAMP M-21 BR	BRIDGE - APPROACH WORK	0.000	CON				
KENT	I-196 WB (GERALD R FORD FREEWA		M-45 LAKE MICHIGAN DRIVE OVER I-196 WB	BRIDGE - PREVENTIVE MAINTENANCE	0.000		CON			
KENT	I-196 EB (GERALD R FORD FREEWAY)		RAMP B (I-196 BR) OVER I-196 EB	BRIDGE - SPECIAL NEEDS	0.000	CON				
KENT	I-196 (GERALD R FORD FREEWAY)		I-196, M-21 EB OVER CSX RAILROAD (ABANDONED)	BRIDGE - PREVENTIVE MAINTENANCE						CON
KENT	I-196 EB (GERALD R FORD FREEWA		I-196 M-21 EB OVER GTW RAILROAD	BRIDGE - WIDEN, REPLACE SUPERSTRUCTER, AD	0.000			CON		
KENT	I-196 WB		OVER GT&W RAILROAD, GRAND RAPIDS	BRIDGE - APPROACH WORK	0.000			CON		
KENT	I-196 WB		I-196 WB M-21 WB OVER GT&W RAILROAD	BRIDGE - WIDEN, REPLACE SUPERSTRUCTURE, AD	0.000			CON		
KENT	I-196 WB (GERALD R FORD FREEWA		I-196, M-21 WB OVER LANE AVENUE	BRIDGE - WIDEN, REPLACE DECK, ADD LANES	0.000					CON
KENT	I-196 EB (GERALD R FORD FREEWA		RAMP B, M-21 BR I-196 OVER I-196 EB	BRIDGE - JOINT REPLACEMENT	0.000	CON				
KENT	I-196 EB (GERALD R FORD FREEWA		I-196 EB OVER M-45 EB RAMP TO I-196 WB	BRIDGE - SUBSTRUCTURE REPAIR	0.000		CON			
KENT	I-96		16TH AVENUE TO BRISTOL AVENUE	ROAD - MAJOR REHABILITATION	6.348				CON	
KENT	I-96		M-11 TO THORNAPPLE RIVER DRIVE	ROAD - RECONSTRUCTION	1.886			CON		
KENT	I-96 EB		UNDER I-196(WB)	BRIDGE - APPROACH WORK	0.000	CON				
KENT	I-96 EB		I-96 EB OVER I-196 WB AND M-21	BRIDGE - PREVENTIVE MAINTENANCE	0.000	CON				
KENT	I-96 EB		OVER GTW RAILROAD	BRIDGE - APPROACH WORK	0.000				CON	
KENT	I-96 EB		I-96, M-21 EB OVER GTW RAILROAD	BRIDGE - SUPERSTRUCTURE REPLACEMENT	0.000				CON	
KENT	I-96 WB		OVER GTW RAILROAD	BRIDGE - APPROACH WORK	0.000				CON	
KENT	I-96 WB		I-96, M-21 WB OVER GTW RAILROAD	BRIDGE - DECK REPLACEMENT	0.000				CON	
KENT	M-11 (28TH STREET)		AT KALAMAZOO AVENUE AND AT BRETON AVENUE	ROAD - RECONSTRUCTION	0.400	CON				
KENT	M-11 (28TH STREET)		AT DIVISION AVENUE	ROAD - RECONSTRUCTION	0.072			CON		
KENT	M-37 (BROADMOOR AVENUE)		32ND STREET OVER M-37	BRIDGE - SUBSTRUCTURE REPAIR	0.000	CON				
KENT	M-45 (LAKE MICHIGAN DRIVE)		MANZANA DRIVE EAST TO I-196	ROAD - RESURFACE, MILL AND PULVERIZE	2.861		CON			
KENT	M-46 (17 MILE ROAD)		OVER DUKE CREEK	BRIDGE - APPROACH WORK	0.000			CON		
KENT	M-46 (17 MILE ROAD)		M-46 OVER DUKE CREEK	BRIDGE - BRIDGE REPLACEMENT	0.000			CON		
KENT	US 131 NB		ANN STREET TO NORTH PARK STREET	ROAD - RECONSTRUCTION	2.460					CON
KENT	US-131		NORTH PARK STREET TO SIX MILE ROAD	ROAD - PAVEMENT REPAIR AND DIAMOND GRINDIN	2.310			CON		
KENT	US-131		SIX MILE ROAD N TO TEN MILE ROAD	ROAD - PAVEMENT REPAIR AND DIAMOND GRINDIN	5.340					CON
KENT	US-131		UNDER 44TH STREET	BRIDGE - APPROACH WORK	0.000					CON
KENT	US-131		44TH STREET OVER US-131	BRIDGE - OVERLAY - SHALLOW	0.000					CON
KENT	US-131		OVER CONRAIL RAILROAD AND PLASTER CREEK	BRIDGE - APPROACH WORK	0.000			CON		
KENT	US-131		US-131 OVER CONRAIL RAILROAD AND PLASTER CREEK (A	BRIDGE - DECK REPLACEMENT	0.000			CON		
KENT	US-131		UNDER 28TH STREET IN WYOMING	BRIDGE - APPROACH WORK	0.000		CON			

**FIVE YEAR HIGHWAY AND BRIDGE PROGRAM
Repair and Rebuild Roads**

COUNTY	ROUTE (COMMON NAME)	BM III	LOCATION	TYPE OF WORK	LENGTH	2003	2004	2005	2006	2007
KENT	US-131		M-11 OVER US-131	BRIDGE - SUPERSTRUCTURE REPLACEMENT	0.000		CON			
KENT	US-131 SB		ROCKFORD REST AREA	REST AREA - BUILDING REPLACEMENT				CON		
KENT	US-131		UNDER 14 MILE ROAD (M-57)	BRIDGE - APPROACH WORK	0.000		CON			
KENT	US-131		14 MILE ROAD (M-57) OVER US-131	BRIDGE - PREVENTIVE MAINTENANCE	0.000		CON			
KENT	US-131		I-196 BR (FRANKLIN) OVER CSX RAILROAD AND US-131/I-196	BRIDGE - SUBSTRUCTURE REPAIR	0.000	CON				
KENT	US-131		US-131 OVER US-131 BR (LEONARD)	BRIDGE - SUBSTRUCTURE REPAIR	0.000	CON				
KENT	US-131		US 131 OVER RICHMOND STREET	BRIDGE - SUBSTRUCTURE REPAIR	0.000	CON				
KENT	US-131		PAINTING OF 11 BRIDGES IN THREE REGIONS	BRIDGE - PREVENTIVE MAINTENANCE PAINTING	0.000	CON				
KENT	US-131		US-131 OVER BRIDGE STREET	BRIDGE - APPROACH WORK	0.000	CON				
KENT	US-131		US-131 SB OVER BRIDGE STREET	BRIDGE - JOINT REPLACEMENT	0.000	CON				
KENT	US-131		US-131 NB OVER US-131 SB	BRIDGE - JOINT REPLACEMENT	0.000	CON				
KENT	US-131 SB		ANN STREET NORTH TO NORTH PARK STREET	ROAD - RECONSTRUCT AND ADD WEAVE/MERGE L	2.510			CON		
KENT	US-131 SB		US-131 OVER BRIDGE STREET	BRIDGE - SUBSTRUCTURE PATCHING	0.000	CON				
KENT	US-131		US-131 OVER ANN STREET	BRIDGE - SUBSTRUCTURE REPAIR	0.000	CON				
KENT	US-131		US-131 OVER US-131 BR (LEONARD)	BRIDGE - JOINT REPLACEMENT	0.000			CON		
KENT	US-131		US-131 OVER RICHMOND STREET	BRIDGE - JOINT REPLACEMENT	0.000			CON		
KENT	US-131		US-131 OVER ANN STREET	BRIDGE - JOINT REPLACEMENT	0.000			CON		
MECOSTA	M-20 (MCKINLEY ROAD)		MCKINLEY ROAD TO 13 MILE ROAD	ROAD - RESURFACE, MILL AND PULVERIZE	5.307	CON				
MECOSTA	M-20 (11 MILE ROAD)		13 MILE ROAD TO 80TH AVENUE	ROAD - CRUSH, SHAPE AND RESURFACE	5.880					CON
MECOSTA	M-20 (WHEATLAND AVENUE)		AT M-66, REMUS	ROAD - RECONSTRUCT EXISTING, NO WIDENING	0.541	CON				
MECOSTA	M-20 (EIGHT MILE ROAD)		OVER MUSKEGON RIVER	BRIDGE - APPROACH WORK	0.000		CON			
MECOSTA	M-20 (EIGHT MILE ROAD)		M-20 (EIGHT MILE ROAD) OVER MUSKEGON RIVER	BRIDGE - MISCELLANEOUS BRIDGE	0.000		CON			
MECOSTA	M-66 (30TH AVENUE)		M-20 NORTH TO 17 MILE ROAD	ROAD - RESURFACE, MILL AND PULVERIZE	7.790			CON		
MECOSTA	US-131 OLD (NORTHLAND DRIVE)		OVER MITCHELL CREEK IN BIG RAPIDS	BRIDGE - APPROACH WORK	0.000		CON			
MECOSTA	US-131 OLD (NORTHLAND DRIVE)		US-131 BUSINESS LOOP OVER MITCHELL CREEK	BRIDGE - DECK REPLACEMENT	0.000		CON			
MECOSTA	US-131 OLD (NORTH LAND DRIVE)		14 MILE ROAD TO PERRY STREET	ROAD - RESURFACE, MILL AND PULVERIZE	1.347	CON				
MONTCALM	M-46 (HOWARD CITY-EDMORE ROAD)		VESTABURG ROAD EAST TO EAST COUNTY LINE	ROAD - RESURFACE, MILL AND PULVERIZE	4.470	CON				
MONTCALM	M-46 (HOWARD CITY-EDMORE ROAD)		MILES ROAD TO M-66 (EAST JUNCTION)	ROAD - RESURFACE, MILL AND PULVERIZE	4.648			CON		
MONTCALM	M-646 (MAIN STREET)		SECOND STREET TO LEWIS STREET	ROAD - RESURFACE, MILL AND PULVERIZE	0.243			CON		
MONTCALM	M-46 (HOWARD CITY-EDMORE ROAD)		OVER TAMARACK CREEK, WINFIELD TOWNSHIP	BRIDGE - APPROACH WORK	0.000		CON			
MONTCALM	M-46 (HOWARD CITY-EDMORE ROAD)		M-46 OVER TAMARACK CREEK	BRIDGE - SUPERSTRUCTURE REPAIR	0.000		CON			
MONTCALM	M-91 (GREENVILLE ROAD)		SNOWS LAKE ROAD TO BENTON STREET	ROAD - RESURFACE	2.800	CON				
MUSKEGON	M-120 (HOLTON ROAD)		LAKE AVENUE TO US-31	ROAD - RESURFACE, MILL AND PULVERIZE	2.670	CON				
MUSKEGON	M-120 (HOLTON ROAD)		OLD ORCHARD ROAD TO MARVIN ROAD	ROAD - RESURFACE, MILL AND PULVERIZE	10.724	CON				
MUSKEGON	US-31		FRUITVALE ROAD TO WINSTON ROAD	ROAD - RESURFACE	5.466			CON		

**FIVE YEAR HIGHWAY AND BRIDGE PROGRAM
Repair and Rebuild Roads**

COUNTY	ROUTE (COMMON NAME)	BM III	LOCATION	TYPE OF WORK	LENGTH	2003	2004	2005	2006	2007
MUSKEGON	US-31 SB		MUSKEGON REST AREA	REST AREA - BUILDING REPLACEMENT		CON				
MUSKEGON	US-31 BR WB (SEAWAY DRIVE)		OVER SOUTH BRANCH OF MUSKEGON RIVER, MUSKEGON	BRIDGE - SUPERSTRUCTURE REPLACEMENT	0.000				CON	
MUSKEGON	US-31 OLD (WHITEHALL ROAD)		FRUITVALE ROAD TO NORTH COUNTY LINE	ROAD - JURISDICTIONAL TRANSFER	1.957	CON				
NEWAYGO	M-20 (BASELINE ROAD)		M-37 TO WEBSTER ROAD	ROAD - RECONSTRUCTION	0.711		CON			
NEWAYGO	M-20 (NEWCOSTA ROAD)		BEECH ROAD TO EAST OF NEWCOSTA ROAD	ROAD - RECONSTRUCTION	0.797			CON		
NEWAYGO	M-37 (MASON ROAD)		SMITH ROAD TO GRANT NORTH VILLAGE LIMIT	ROAD - RESURFACE, MILL AND PULVERIZE	4.577	CON				
NEWAYGO	M-37 (MASON ROAD)		GRANT NORTH VILLAGE LIMIT TO MUSKEGON RIVER	ROAD - RESURFACE, MILL AND PULVERIZE	6.215	CON				
OCEANA	M-20 (HAYES ROAD)		OLD US-31 EAST TO 144TH STREET	ROAD - RESURFACE, MILL AND PULVERIZE	8.000		CON			
OCEANA	M-20 (HAYES ROAD)		US-31 TO OLD US-31; 144TH AVENUE TO WINTER STREET	ROAD - RESURFACE, MILL AND PULVERIZE	8.889	CON				
OCEANA	US-31		SHELBY ROAD TO POLK ROAD; MONOE ROAD TO OCEANA	ROAD - RESURFACE	9.987					CON
OCEANA	US-31		NB AND SB OVER CSX RAILROAD (ABANDONED)	BRIDGE - APPROACH WORK	0.000		CON			
OCEANA	US-31 SB		US-31 SB OVER LOG ROAD AND CSX RAILROAD (ABANDON	BRIDGE - JOINT REPLACEMENT	0.000		CON			
OCEANA	US-31 NB		US-31 NB OVER LOG ROAD AND CSX RAILROAD (ABANDON	BRIDGE - JOINT REPLACEMENT	0.000		CON			
OCEANA	US-31		HILE ROAD OVER US-31	BRIDGE - OVERLAY - DEEP						CON
OCEANA	US-31		POLK ROAD NORTH TO MONROE ROAD	ROAD - RESURFACE, MILL AND PULVERIZE	5.125	CON				
OCEANA	US-31 OLD (OCEANA DRIVE)		HARRISON ROAD TO MONROE ROAD	ROAD - JURISDICTIONAL TRANSFER	3.041			CON		
OTTAWA	I-196 BL (CHICAGO DRIVE)		96TH AVENUE TO I-196	ROAD - PAVEMENT REPAIR AND DIAMOND GRINDIN	2.294					CON
OTTAWA	I-96		68TH AVENUE EAST TO 16TH AVENUE	ROAD - MAJOR REHABILITATION	9.188	CON				
OTTAWA	I-96		68TH AVENUE OVER I-96	BRIDGE - MAJOR REHABILITATION	0.000	CON				
OTTAWA	I-96		16TH AVENUE OVER I-96	BRIDGE - OVERLAY - DEEP	0.000	CON				
OTTAWA	I-96		OVER DEER CREEK, OTTAWA COUNTY	BRIDGE - APPROACH WORK	0.000	CON				
OTTAWA	I-96 EB		I-96 EB OVER DEER CREEK	BRIDGE - OVERLAY - DEEP	0.000	CON				
OTTAWA	I-96 WB		I-96 WB OVER DEER CREEK	BRIDGE - OVERLAY - DEEP	0.000	CON				
OTTAWA	I-96		EB AND WB OVER 24TH AVENUE	BRIDGE - APPROACH WORK	0.000	CON				
OTTAWA	I-96 EB		I-96 EB OVER 24TH AVENUE	BRIDGE - OVERLAY - DEEP	0.000	CON				
OTTAWA	I-96 WB		I-96 WB OVER 24TH AVENUE	BRIDGE - OVERLAY - DEEP	0.000	CON				
OTTAWA	I-96		EB AND WB OVER SAND CREEK	BRIDGE - APPROACH WORK	0.000	CON				
OTTAWA	I-96 WB		I-96 WB OVER SAND CREEK	BRIDGE - OVERLAY - DEEP	0.000	CON				
OTTAWA	I-96 WB		FRUITPORT REST AREA	REST AREA - BUILDING REPLACEMENT		CON				
OTTAWA	I-96		68TH AVENUE TO 16TH AVENUE	ROAD - TEMPORARY CROSS-OVERS, DITCHES, JO	9.188	CON				
OTTAWA	I-96		48TH AVENUE OVER I-96	BRIDGE - OVERLAY - DEEP	0.000	CON				
OTTAWA	I-96 EB		I-96 EB OVER SAND CREEK	BRIDGE - OVERLAY - DEEP	0.000	CON				
OTTAWA	M-104 (SAVIDGE ROAD)		BUCHANAN STREET TO LAKE STREET	ROAD - PAVEMENT REPAIR AND DIAMOND GRINDIN	0.580			CON		
OTTAWA	M-104 (SAVIDGE ROAD)		EASTBOUND AT SCHOOL STREET	ROAD - RIGHT TURN LANE	0.079		CON			

**FIVE YEAR HIGHWAY AND BRIDGE PROGRAM
Repair and Rebuild Roads**

COUNTY	ROUTE (COMMON NAME)	BM III	LOCATION	TYPE OF WORK	LENGTH	2003	2004	2005	2006	2007
OTTAWA	M-21 OLD (CHICAGO DRIVE)		OVER BLACK CREEK, ZEELAND TOWNSHIP	BRIDGE - APPROACH WORK	0.000		CON			
OTTAWA	M-21 OLD (CHICAGO DRIVE)		OLD M-21 WB OVER BLACK CREEK	BRIDGE - BRIDGE REPLACEMENT	0.000		CON			
OTTAWA	M-21 OLD (CHICAGO DRIVE)		HUDSONVILLE EAST CITY LIMITS EAST TO 12TH AVENUE	ROAD - RESURFACE, MILL AND PULVERIZE	2.074					CON
OTTAWA	M-21 OLD (CHICAGO DRIVE)		12TH AVENUE TO SCHOOL STREET	ROAD - RESURFACE, MILL AND PULVERIZE	1.070					CON
OTTAWA	US-31		SOUTH COUNTY LINE TO EIGHTH AND US-31 BR INTERCHA	ROAD - RESURFACE, MILL AND PULVERIZE	2.148		CON			
OTTAWA	US-31		OVER I-196 BL, HOLLAND	BRIDGE - APPROACH WORK	0.000	CON				
OTTAWA	US-31		US-31 OVER I-196 BL	BRIDGE - JOINT REPLACEMENT	0.000	CON				
OTTAWA	US-31 SB		SB OFF RAMP TO THIRD STREET	ROAD - EXTEND OFF RAMP	0.324	CON				
OTTAWA	US-31		OVER I-196 BL	BRIDGE - SPECIAL NEEDS	0.000	CON				
OTTAWA	US-31		US-31 NB OVER CSX RAILROAD	BRIDGE - SUBSTRUCTURE REPAIR	0.000	CON				
OTTAWA	US-31		US-31 SB OVER CSX RAILROAD	BRIDGE - SUBSTRUCTURE REPAIR	0.000	CON				
OTTAWA	US-31 BR (RIVER STREET)		28TH STREET NORTH TO NINTH STREET	ROAD - RECONSTRUCTION	1.238			CON		

**FIVE YEAR HIGHWAY AND BRIDGE PROGRAM
Repair and Rebuild Roads**

COUNTY	ROUTE (NAME)	BM III	LOCATION	TYPE OF WORK	LENGTH	2003	2004	2005	2006	2007
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New Roads

KENT	M-6		EASTERN AVENUE TO PATTERSON AVENUE	CONSTRUCT NEW FREEWAY	5.456	PE,CON	CON	CON		
KENT	M-6		EASTERN AVENUE TO PATTERSON AVENUE	SIGNS AND GUARD RAIL	11.106	PE,CON	CON	CON		
KENT	M-6		EAST OF JACKSON TO EAST OF BURLINGAME	PAVING	4.547	PE,CON	CON	CON		
KENT	M-6		EAST OF JACKSON TO EAST OF BURLINGAME	GUARDRAIL AND SIGNS	6.094	PE,CON	CON	CON		
KENT	M-6		BURLINGAME TO EASTERN AVENUE AND US-131 INTERCHA	CONSTRUCT NEW FREEWAY	2.330	ROW,CON	CON			
OTTAWA	M-6		I-196 TO EAST OF ANGLING ROAD	CONSTRUCT NEW FREEWAY	2.716	ROW,CON	CON			
OTTAWA	US-31		HOLLAND TO GRAND HAVEN	NEW FREEWAY AND IMPROVE EXISTING	13.190	EPE	EPE			

Capacity Improvements

KENT	I-196 AT CHICAGO DRIVE (BALDWIN STREET	BALDWIN ROAD INTERCHANGE MODIFICATION	CONNECTOR STUDY	2.000	EPE	EPE,PE	PE	PE		
KENT	I-96	36TH STREET INTERCHANGE	NEW INTERCHANGE CONSTRUCTION	0.500	EPE,PE	PE,ROW	CON			
KENT	I-196 AND I-96	I-196 MARKET TO I-96, I-96 LEONARD TO M-21	WIDEN FREEWAY	4.206	EPE	EPE	EPE			
KENT	I-96	EAST OF THORNAPPLE RIVER	NEW INTERCHANGE	0.250	EPE					

EPE - early preliminary engineering; PE - preliminary engineering; ROW - acquisition of right of way; CON - construction