

## HIGHWAY PLAN: PROJECTS AND PROGRAMS

The Highway Plan, as developed and presented, is the result of model (deficiency) analysis and the transportation management systems. These two system analysis tools were directly used in the project selection process and resulted in the selection of over 90% of the specific projects. Since the majority of the highway projects are directed at system preservation, the implemented Pavement Management System (PMS) was an invaluable project selection tool.

The projects and programs that collectively constitute the Highway Plan total over 184 specific projects and 14 groups of project types where the specific projects have not been determined or identified. Table K-15 is a list of the Plan projects by project year or project period. This table includes highways/roadway enhancement, safety, and operating projects only. These projects total \$938,443,992, using a 2000 base year construction cost for estimating.<sup>5</sup> The project details provided well defines the project location and scope.

Section I (Identification of System Deficiencies) shows that the network performance degrades between the base condition of 1998 traffic assigned to the existing plus committed network and 2025 traffic on either the existing plus committed network or the Plan network. The Plan network did show some improvement over the “do nothing” scenario in vehicle hours of traffic. Freeways, Principal Arterials, and Minor Arterials all had more segments where the 24-hour volume to 24-hour capacity ratio exceeded 1.25. More improvements were not shown due to the inability to identify revenue for several major projects, and the intentional omission of projects on facilities which while over capacity, have right-of-way and adjacent land use issues that make it impractical to add lanes to reduce congestion.

The traffic assignment model identified road segments that have higher projected 24-hour traffic volumes than the segments 24-hour estimated capacity. During the analysis of system

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<sup>5</sup> Project cost estimates are at planning scale. Although direct construction costs can be estimated with reasonable accuracy, right-of-way costs and other variables may impact the estimates.

deficiencies and the identifying of projects that would be included in the 2025 Plan, it was apparent that some deficiencies could not be realistically addressed by adding traffic lanes.

Examples of segments that are not included in the 2025 Plan for expansion or improvement include Oakland Drive, Stadium Drive, West Main (M-43) and Westnedge Avenue (in the City of Kalamazoo). With these segments, the available right-of-way and roadside environment made it unlikely that additional lanes would be constructed. Therefore, systems management, operational improvements, public transit, non-motorized use, and Intelligent Transportation Systems (ITS) techniques must be used (in combination) to attempt to address these deficiencies.

There are deficiencies on I-94 and on US-131 (north of I-94) that are included as illustrative projects because there is no funding identified to complete these projects.

Summaries by Project Type clearly show the metropolitan area emphasis on preservation of the existing system (81% of total Highway Plan cost). The contrast between the cities of Kalamazoo and Portage in the Improve and Preserve categories represents the relative maturity of the two cities.<sup>6</sup> The percentile of preserve projects in the City of Kalamazoo, on the county road system, and on the trunkline system is significantly higher than in the City of Portage (Table K-14).

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<sup>6</sup> Improve projects are those projects that are new roadways or additional through traffic lanes that have been proposed. Preserve projects cover all remaining projects.

Table K-14  
Jurisdiction Comparison  
Improve and Preserve

Jurisdiction	Improve		Preserve	
	\$(000)	%	\$(000)	%
City of Kalamazoo	\$19,509	19%	\$80,785	81%
City of Portage	\$85,008	78%	\$23,949	22%
Kalamazoo County Road Commission	\$32,926	15%	\$181,121	85%
MDOT	\$44,359	9%	\$470,690	91%

In addition to the emphasis on Preserve projects, each of the major road agencies directs a significant portion of their non-maintenance budgets to safety and operations projects.

Table K-16 through K-19 provides a summary of the projects for each major roadway agency. A comparison of these costs to forecasted revenues is presented in Table J-12 (Section J: Financial Plan). This table provides both the agency and total program comparisons. The total Plan construction cost, estimated at \$938,443,992, meets the fiscal constraint criteria required by the Intermodal Surface Transportation Efficiency Act (ISTEA) and continued with the Transportation Equity Act for the 21<sup>st</sup> Century (TEA-21). The total proposed transportation investments in the highway plan are limited to revenues that are based on a financial plan that demonstrates consistency with already available revenue sources.

Other projects summary information is provided by the following Tables:

- Cost by Project Category<sup>7</sup>
  - All Agencies 2002 - 2025 Table K-15
  - City of Kalamazoo 2002 - 2025 Table K-16
  - City of Portage 2002 - 2025 Table K-17
  - Road Commission 2002 - 2025 Table K-18
  - Michigan Department of Transportation 2002 - 2025 Table K-19

These tables show the variation in program emphasis among the implementation agencies.

#### Expand Projects

While system emphasis is on Preserve and Safety/Operations expenditures, that does not diminish the importance of solutions to network locations where there are capacity limitations and/or current or expected congestion problems. The expand projects represent those plan proposals that will add capacity to the transportation system by the addition of travel lanes.

As a part of the Plan development process, all areas where an expand project was proposed were evaluated for potential measurable and realistic improvements in levels of service by alternative means. Among alternatives examined were:

- Operational Improvements - would actions like improve signalization, signal system interconnection to improve laminar flow, accommodating turning movements (turn lanes), restriction of turning movements, or similar operational considerations have a significant enough impact to eliminate the need for the expansion improvement.

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<sup>7</sup> Project category detail is not available for the small Cities and Villages, as a part of the Transportation Plan.

- Public Transportation Alternatives - what level of ridership would be required to divert sufficient person trips to eliminate the need for facility expansion. Was the possibility of achieving the necessary diversion reasonable to expect (?), feasible to implement (?), and/or affordable (?).
- Increases in Vehicle Occupancy - could vehicle occupancy be increased (resulting in fewer vehicle trips) by the increased promotion of ridesharing to the level that the project would not have to be built?<sup>8</sup>

Only if these evaluations did not indicate that any of these alternatives would represent a plausible solution was the project included in the Plan.

Only one new roadway is included in the 2025 Plan:

- An urban collector street to service a large vacant parcel of property now owned by Western Michigan University in the City of Kalamazoo.

In addition, there are two projects where capacity is proposed to be increased by the removal of parking:

- Portage Road from Washington Street to Vine Street
- Whites Road from Oakland Drive to Westnedge Avenue

The remainder of the projects propose the addition of lanes to existing facilities to achieve the needed capacity. Many of these projects are expected to include provisions for non-motorized facilities in addition to their added capacity. Based on their relative system importance, these projects are detailed further in this 2025 Plan document. The specifics of each project is presented separately (narrative and graphically) in the following pages. In addition, a larger scale map showing the location of all expand projects is included in a “pocket” attached to the back cover of this report.

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<sup>8</sup> The Kalamazoo Area Transportation Study is the recipient of the State of Michigan (MDOT) Ridesharing funds by the way of a Pass Through Agreement with Kalamazoo Metro Transit. The program is designed to promote ridesharing (carpools, vanpools, public transportation) of the work trip and thereby reduce system capacity demand during the critical peak periods of travel. This program is being reviewed to determine whether Kalamazoo Area Transportation Study or Kalamazoo Metro Transit can better promote and support this and other transportation providing services.

Table K-15  
Road/Highway Projects by Year, Agency, and Type

Year	Project	Project Costs		Agency
		Improve/ Expand	Preserve and Other	
2002	Year Total: \$32,165,100	\$13,112,300	\$19,052,800	
	Drake Road from KL Avenue to Stadium Drive: Mill and resurface; add center turn lane where missing		\$450,000	City of Kalamazoo
	Whites Road from Oakland Drive to Westnedge Avenue: Remove parking, mill and resurface, mark as 4 lanes	\$480,000		City of Kalamazoo
	Oakland Drive from South Street to Howard Street: Mill and resurface; add bike lanes		\$260,000	City of Kalamazoo
	I-94 Engineering: City Portion	\$120,000		City of Kalamazoo
	Various Locations: Mill and resurface		\$150,000	City of Kalamazoo
	Michigan Avenue at Howard Street Intersection: Improvement		\$860,000	City of Kalamazoo
	Traffic Signal Upgrades		\$190,000	City of Kalamazoo
	E. Milham Avenue from Lovers Lane to Portage Road: Widen from 2 lanes to a 4 lane blvd with wide outside lanes and a separate trailway	\$2,837,000		City of Portage
	E. Centre Avenue from Portage Road to Sprinkle Road (2003 Advance Construct): Widen from 2 lanes to 4 lane blvd with wide outside lanes and separate trailway	\$0		City of Portage
	W. Milham Road from Oakland Drive to Westnedge Avenue: Widen from 4 to 5 lanes from Oakland Drive to Constitution Blvd; reconstruct 5 lanes Constitution Blvd to Westnedge Ave; add left and right turn lanes at South Westnedge	\$1,887,800	\$1,887,800	City of Portage
	Romence Road/Constitution Boulevard Intersection: Add westbound right turn lane		\$450,000	City of Portage
	Traffic Signal Upgrades		\$400,000	City of Portage
	Access Management		\$200,000	City of Portage
	Utility Upgrades		\$200,000	City of Portage
	Zylman Avenue from Portage Road to West of Cox Drive: Reconstruct		\$153,000	City of Portage
	Centre Avenue from Oakland Drive to Shaver Road: 2003 Advance Construct; mill and resurface		\$0	City of Portage

Year	Project	Project Costs		Agency
		Improve/ Expand	Preserve and Other	
	Centre Avenue from Angling Road to Oakland Drive: Mill and resurface		\$270,000	City of Portage
	Stadium Drive from 6 <sup>th</sup> Street to 8 <sup>th</sup> Street: Widen to 5 lanes	\$1,500,000		Road Commission
	Sprinkle Road Kalamazoo River Bridge: Bridge replacement		\$3,000,000	Road Commission
	U Avenue from 2 <sup>nd</sup> Street to 12 <sup>th</sup> Street: Reconstruct		\$1,379,000	Road Commission
	S Avenue from Sprinkle Road to 26 <sup>th</sup> Street: Reconstruct to all-season		\$450,000	Road Commission
	11 <sup>th</sup> Street from Stadium Drive to Parkview Avenue: Reconstruct to all-season		\$438,000	Road Commission
	U Avenue from 12 <sup>th</sup> Street to US-131: 3" AC Overlay		\$179,000	Road Commission
	Traffic Signals		\$125,000	Road Commission
	Spot Safety Project		\$150,000	Road Commission
	29 <sup>th</sup> Street from S Avenue to Q Avenue: Reconstruct to all-season		\$970,000	Road Commission
	Sprinkle Road Bridge over the Norfolk Southern Railroad: Bridge replacement		\$1,700,000	Road Commission
	Sprinkle Road Bridge over M-96: Bridge replacement		\$1,700,000	Road Commission
	US-131 from Schoolcraft to Three Rivers: Purchase access rights		\$150,000	MDOT
	I-94 from west of 12 <sup>th</sup> Street to Sprinkle Road: Early Preliminary and Preliminary Engineering for adding lanes	\$6,187,500		MDOT
	Capital Preventive Maintenance Roads		\$1,000,000	MDOT
	Trunkline Railroad Crossings: Improvements		\$100,000	MDOT
	Highway Safety Projects		\$915,000	MDOT
	Gull Road (M-43) from 28 <sup>th</sup> Street to DE Avenue: Non-motorized Path		\$431,000	MDOT
	US-131/US-131BR Corridor Improvement Study with KATS	\$100,000		MDOT
	Preliminary Engineering		\$350,000	MDOT

Year	Project	Project Costs		Agency
		Improve/ Expand	Preserve and Other	
	Local Safety Projects on the non-trunkline system		\$250,000	MDOT
	Local Railroad Projects on the non-trunkline system		\$167,000	MDOT
	Enhancement Projects		\$128,000	MDOT
<b>2003</b>	<b>Year Total: \$31,860,682</b>	<b>\$11,525,000</b>	<b>\$20,335,682</b>	
	Kilgore Road from Oakland Drive to Westnedge Avenue: Improve road; add center turn lane (where possible), grading, bike lanes, sidewalks	\$1,550,000		City of Kalamazoo
	Cork Street/Portage Road Intersection: Reconstruct		\$75,000	City of Kalamazoo
	Various Locations: Mill and resurface		\$150,000	City of Kalamazoo
	I-94 Engineering: City Portion	\$125,000		City of Kalamazoo
	Miller Road from Portage Road to east City Limits: Mill and resurface		\$789,000	City of Kalamazoo
	Drake Road from Canterbury Avenue to Grand Prairie Road: Mill and resurface; add center turn lane		\$717,000	City of Kalamazoo
	Michigan Avenue from KL Avenue to 400 feet east of Pine Terrace: Add center turn lane; mill and resurface	\$500,000		City of Kalamazoo
	Traffic Signal Upgrades		\$190,000	City of Kalamazoo
	Crosstown Parkway from Burdick Street to Peeler Street: Mill and resurface		\$540,000	City of Kalamazoo
	Lovell Street from Rose Street to Pitcher Street: Mill and resurface		\$251,000	City of Kalamazoo
	Oakland Drive from I-94 to Milham Road: Widen from 4 lanes to 5 lanes and extend southbound right turn lane at Milham	\$1,300,000		City of Portage
	Traffic Signal Upgrades		\$1,300,000	City of Portage
	Centre Avenue from Oakland Drive to Shaver Road: See 2002		\$300,000	City of Portage
	E. Centre Avenue from Portage Road to Sprinkle Road: See 2002	\$3,600,000		City of Portage
	Centre Avenue/Oakland Drive Intersection		\$220,000	City of Portage
	Nazareth Road from M-43 to G Avenue: Reconstruct		\$750,000	Road Commission

Year	Project	Project Costs		Agency
		Improve/ Expand	Preserve and Other	
	Q Avenue at 8 <sup>th</sup> Street: Left turn lanes, radii improvements, paved shoulder		\$675,000	Road Commission
	D Avenue Bridge over the Kalamazoo River: Bridge replacement		\$2,600,000	Road Commission
	East Main Street from 26 <sup>th</sup> Street to 33 <sup>rd</sup> Street: 2.5" AC Overlay		\$227,000	Road Commission
	Douglas Avenue from G Avenue to Kalamazoo City Limit: Curbing, 3" AC Overlay		\$140,000	Road Commission
	26 <sup>th</sup> Street from H Avenue to East Main Street: 2.5" AC Overlay		\$103,000	Road Commission
	24 <sup>th</sup> Street from Sprinkle Road to R Avenue: 2.5" AC Overlay		\$47,000	Road Commission
	28 <sup>th</sup> Street from F Avenue to Gull Road: 2.5" AC Overlay		\$32,000	Road Commission
	25 <sup>th</sup> Street from R Avenue to QR Avenue: 2.5" AC Overlay		\$28,000	Road Commission
	Traffic Signals		\$125,000	Road Commission
	Spot Safety Project		\$150,000	Road Commission
	34 <sup>th</sup> Street from N Avenue to Q Avenue: Reconstruct to all-season		\$675,000	Road Commission
	36 <sup>th</sup> Street from O Avenue to PQ Avenue: Reconstruct		\$650,000	Road Commission
	42 <sup>nd</sup> Street from W Avenue to Z Avenue: Reconstruct to all-season		\$500,000	Road Commission
	C Avenue from 40 <sup>th</sup> Street to 48 <sup>th</sup> Street: 2.5" AC Overlay		\$299,000	Road Commission
	28 <sup>th</sup> Street from D Avenue to E Avenue: 2.5" AC Overlay		\$225,000	Road Commission
	38 <sup>th</sup> Street from W Avenue to Z Avenue: 2.5" AC Overlay		\$222,000	Road Commission
	35 <sup>th</sup> Street from G Avenue to Galesburg: 2.5" AC Overlay		\$180,000	Road Commission
	Miller Road from 35 <sup>th</sup> Street to 38 <sup>th</sup> Street: 2.5" AC Overlay		\$99,000	Road Commission
	U Avenue from VanKal Avenue to 2 <sup>nd</sup> Street: 2.5" AC Overlay		\$69,000	Road Commission
	48 <sup>th</sup> Street from C Avenue to 1 mile south: 2.5" AC Overlay		\$67,000	Road Commission

Year	Project	Project Costs		Agency
		Improve/ Expand	Preserve and Other	
	I-94 from west of 12 <sup>th</sup> Street to Sprinkle Road: Preliminary Engineering for adding lanes	\$3,750,000		MDOT
	Capital Preventive Maintenance Roads		\$1,200,000	MDOT
	Trunkline Railroad Crossings: Improvements		\$100,000	MDOT
	Highway Safety Projects		\$915,000	MDOT
	Gull Road (M-43) from DE Avenue to M-89 and M-89 to east Richland Village Limit: Non-motorized Path		\$220,000	MDOT
	M-89/M-43 from M-43 to 42 <sup>nd</sup> Street: Widen and resurface		\$3,800,000	MDOT
	M-89 over Gull Lake inlet: Resurface		\$80,000	MDOT
	Preliminary Engineering		\$350,000	MDOT
	Local Safety Projects on the non-trunkline system		\$250,000	MDOT
	Local Railroad Projects on the non-trunkline system		\$167,000	MDOT
	Western Gateway: Michigan Avenue from Academy Street to Lovell Street		\$489,000	City of Kalamazoo
	Kilgore Road: Non-motorized path		\$109,410	MDOT
	Westnedge Avenue: Adjacent to the Nature Center Beautification		\$90,272	Road Commission
	Edison Neighborhood Main Street Project: Streetscape Master Plan		\$60,000	City of Kalamazoo
	Stadium Drive from Drake Road to Michigan Avenue: Non-Motorized Path design		\$60,000	MDOT
	KATS MAB Planning		\$50,000	MDOT
	US-131/US-131BR Corridor Improvement Study with KATS	\$700,000		MDOT
<b>2004</b>	<b>Year Total: \$43,918,400</b>	<b>\$4,412,000</b>	<b>\$39,506,400</b>	
	Howard Street from north City Limit to Michigan Avenue: Mill and resurface		\$723,000	City of Kalamazoo
	East Main Street from Michigan Avenue to Wallace Avenue: Mill and resurface		\$700,000	City of Kalamazoo

Year	Project	Project Costs		Agency
		Improve/ Expand	Preserve and Other	
	Various Locations: Mill and resurface		\$150,000	City of Kalamazoo
	Pitcher Street from Sheldon Street to Portage Creek: Mill and resurface		\$700,000	City of Kalamazoo
	Porter Street from Kalamazoo Avenue to Frank Street: Reconstruct		\$360,000	City of Kalamazoo
	Rose Street from Academy Street to Water Street: Mill and resurface		\$251,000	City of Kalamazoo
	Miller Road from Glendenning Street to RR: Mill and resurface		\$73,000	City of Kalamazoo
	South Street from Michigan Avenue to Pitcher Street: Reconstruct		\$1,029,000	City of Kalamazoo
	Traffic Signal Upgrades		\$190,000	City of Kalamazoo
	Enhancement Project: Local Share		\$9,100	City of Kalamazoo
	Local Safety Project: Local Share		\$16,700	City of Kalamazoo
	Oakland Drive from Milham Road to Romence Road: Widen from 2 lanes to 3 lanes with bicycle lanes both sides	\$2,600,000		City of Portage
	Major Street Paving: Various locations		\$635,000	City of Portage
	Kilgore Road at Portage Creek Bridge: Bridge replacement		\$370,000	City of Portage
	Schuring Road from Timbercreek Court to Oakland Drive: Reconstruct, drainage improvements, sidewalks		\$312,000	City of Portage
	Kilgore Road/Burdick Street Intersection		\$125,000	City of Portage
	Enhancement Project: Local Share		\$9,100	City of Portage
	Local Safety Project: Local Share		\$16,700	City of Portage
	Sprinkle Road from Milham Avenue to Centre Avenue: Widen 4 to 5 lanes (Centre to Bishop); reconstruct 5 lanes north of Bishop	\$900,000	\$500,000	Road Commission
	Sprinkle Road at Lake Street: Realign intersection, add NB and SB right turn lanes		\$825,000	Road Commission
	ML Avenue from 26 <sup>th</sup> Street to 35 <sup>th</sup> Street: 2.5" AC Overlay		\$513,000	Road Commission
	Ravine Road from F Avenue to Drake Road: Rehabilitation to all-season standards		\$225,000	Road Commission

Year	Project	Project Costs		Agency
		Improve/ Expand	Preserve and Other	
	Michigan Avenue from City Limit to Sprinkle Road: 2.5" AC Overlay		\$218,000	Road Commission
	8 <sup>th</sup> Street from Texas Drive to O Avenue: 2.5" AC Overlay		\$125,000	Road Commission
	Lake Street from I-94BL to Olmstead Road: 2.5" AC Overlay		\$58,000	Road Commission
	Squires Drive from Ravine Road to Drake Road: 2.5" AC Overlay		\$24,000	Road Commission
	Michigan Avenue from River Street to King Highway: 2.5" AC Overlay		\$19,000	Road Commission
	37 <sup>th</sup> Street from M-89 to D Avenue: 2.5" AC Overlay		\$11,000	Road Commission
	Traffic Signals		\$125,000	Road Commission
	Spot Safety Project		\$150,000	Road Commission
	33 <sup>rd</sup> Street from G Avenue to Michigan Avenue: Reconstruction		\$1,600,000	Road Commission
	37 <sup>th</sup> Street from G Avenue to M-89: Reconstruct to all-season		\$950,000	Road Commission
	43 <sup>rd</sup> Street from R Avenue to TS Avenue: Reconstruct to all-season		\$700,000	Road Commission
	S Avenue from 29 <sup>th</sup> Street to 32 <sup>nd</sup> Street: Reconstruct to all-season		\$700,000	Road Commission
	36 <sup>th</sup> Street from MN Avenue to O Avenue: Reconstruct to all-season		\$650,000	Road Commission
	40 <sup>th</sup> Street from L Avenue to MN Avenue: Reconstruct to all-season		\$650,000	Road Commission
	W Avenue from 2 <sup>nd</sup> Street to 4 <sup>th</sup> Street: 2.5" AC Overlay		\$67,000	Road Commission
	28 <sup>th</sup> Street from ML Avenue to MN Avenue: 2.5" AC Overlay		\$64,000	Road Commission
	38 <sup>th</sup> Street from MN Avenue to Climax: Reconstruct to all-season		\$1,350,000	Road Commission
	12 <sup>th</sup> Street from Baseline Road to D Avenue: Upgrade to all-season		\$900,000	Road Commission
	6 <sup>th</sup> Street from G Avenue to West Main Street: Reduce hill and bituminous overlay		\$550,000	Road Commission
	32 <sup>nd</sup> Street/X Avenue/31st Street from W Avenue to County Line: 3" AC Overlay		\$296,000	Road Commission

Year	Project	Project Costs		Agency
		Improve/ Expand	Preserve and Other	
	O Avenue from 6 <sup>th</sup> Street to 8 <sup>th</sup> Street: Reconstruct to all-season		\$275,000	Road Commission
	U Avenue from 34 <sup>th</sup> Street to 36 <sup>th</sup> Street: 3" AC Overlay		\$58,000	Road Commission
	Portage Road Culvert at Barton/Howard Lakes: Replacement		\$350,000	Road Commission
	Enhancement Project: Local Share		\$9,100	Road Commission
	Local Safety Project: Local Share		\$16,700	Road Commission
	US-131 from north of West Main (M-43) to north of M-89: Rehabilitation		\$17,742,000	MDOT
	US-131 Bridge under Parkview Avenue Bridge: Deck Overlay		\$500,000	MDOT
	I-94 from west of 12 <sup>th</sup> Street to Sprinkle Road: Preliminary Engineering for adding lanes	\$212,000		MDOT
	Capital Preventive Maintenance Roads		\$1,200,000	MDOT
	Trunkline Railroad Crossings: Improvements		\$100,000	MDOT
	Highway Safety Projects		\$915,000	MDOT
	Stadium Drive (I-94BL) from Drake Road to Michigan Avenue: Non-motorized Path		\$500,000	MDOT
	Preliminary Engineering		\$350,000	MDOT
	Local Safety Projects on the non-trunkline system		\$200,000	MDOT
	Local Railroad Projects on the non-trunkline system		\$167,000	MDOT
	Enhancement Projects		\$134,000	MDOT
	US-131/US-131BR Corridor Improvement Study with KATS	\$700,000		MDOT
	KATS MAB Planning		\$50,000	MDOT
2005	Year Total: \$37,944,810	\$2,729,000	\$35,215,810	
	Lovers Lane from Sunnock Avenue to Portage Road: Mill and resurface		\$201,000	City of Kalamazoo

Year	Project	Project Costs		Agency
		Improve/ Expand	Preserve and Other	
	Water Street from Kalamazoo Mall to Kalamazoo Avenue: Mill and resurface		\$275,000	City of Kalamazoo
	Cork Street from Burdick Street to St. Mary Street: Mill and resurface		\$291,000	City of Kalamazoo
	Paterson Street from Westnedge Avenue to Pitcher Street: Mill and resurface		\$782,000	City of Kalamazoo
	Pitcher Street from Paterson Street to Prouty Street: Mill and resurface		\$200,000	City of Kalamazoo
	Various Locations: Mill and resurface		\$150,000	City of Kalamazoo
	Other Preserve		\$2,000,000	City of Kalamazoo
	Enhancement Project: Local Share		\$9,100	City of Kalamazoo
	Local Safety Project: Local Share		\$16,700	City of Kalamazoo
	Oakland Drive from Romence Road to Centre Avenue: Widen from 2 lanes to 3 lanes with bicycle lanes both sides and turn lanes at Romence and at Centre	\$2,600,000		City of Portage
	Enhancement Project: Local Share		\$9,100	City of Portage
	Local Safety Project: Local Share		\$16,700	City of Portage
	Other Preserve		\$1,974,200	City of Portage
	36 <sup>th</sup> Street from O Avenue to PQ Avenue: Reconstruct		\$700,000	Road Commission
	S Avenue from 32 <sup>nd</sup> Street to 36 <sup>th</sup> Street: Reconstruct to all-season		\$900,000	Road Commission
	43 <sup>rd</sup> Street/Q Avenue/42nd Street from R Avenue to Village of Climax south limit: Reconstruct		\$1,600,000	Road Commission
	Q Avenue from 29 <sup>th</sup> Street to 34 <sup>th</sup> Street: Reconstruct to all-season		\$950,000	Road Commission
	29 <sup>th</sup> Street from MN Avenue to N Avenue: Reconstruct		\$350,000	Road Commission
	MN Avenue from 28 <sup>th</sup> Street to 29 <sup>th</sup> Street: Reconstruct		\$350,000	Road Commission
	Traffic Signals		\$125,000	Road Commission
	Spot Safety Project		\$150,000	Road Commission

Year	Project	Project Costs		Agency
		Improve/ Expand	Preserve and Other	
	34 <sup>th</sup> Street and MN Avenue from N Avenue to 35 <sup>th</sup> Street: 2.5" AC Overlay		\$63,044	Road Commission
	24 <sup>th</sup> Street and V Avenue from Vicksburg north Village Limit to Sprinkle Road: 2.5" AC Overlay		\$38,208	Road Commission
	Lake Street from Kalamazoo East City Limit to BL-94: Curb reveal and 2" AC Overlay		\$28,031	Road Commission
	42 <sup>nd</sup> Street from North Augusta Limits to M-89: 2.5" AC Overlay		\$201,391	Road Commission
	Cork Street from Sprinkle Road to 26 <sup>th</sup> Street: 2.5" AC Overlay		\$156,224	Road Commission
	W Avenue from 8 <sup>th</sup> Street to Schoolcraft Township Line: 2.5" AC Overlay		\$140,098	Road Commission
	12 <sup>th</sup> Street from U Avenue to Prairie Ronde Township Line: 2.5" AC Overlay		\$80,556	Road Commission
	27 <sup>th</sup> Street from M-89 to D Avenue: 2.5" AC Overlay		\$98,706	Road Commission
	Douglas Avenue from Mosel Avenue /Barney Road to North County Line: 2.5" AC Overlay		\$625,000	Road Commission
	U Avenue from Oakland Drive to Portage Road: 2.5" AC Overlay		\$143,700	Road Commission
	Burdick Street from Mosel Avenue to Kalamazoo North City Limit: Curb reveal and 2" AC Overlay		\$236,282	Road Commission
	Sprinkle Road from UV Avenue to V Avenue: 2.5" AC Overlay		\$197,412	Road Commission
	G Avenue from Riverview Drive to Sprinkle Road: 2.5" AC Overlay		\$212,558	Road Commission
	Enhancement Project: Local Share		\$9,100	Road Commission
	Local Safety Project: Local Share		\$16,700	Road Commission
	Local Safety Projects on the non-trunkline system		\$250,000	MDOT
	Local Railroad Projects on the non-trunkline system		\$167,000	MDOT
	Enhancement Projects		\$560,000	MDOT
	KATS MAB Planning		\$50,000	MDOT
	Capital Preventive Maintenance Highway		\$1,200,000	MDOT

Year	Project	Project Costs		Agency
		Improve/ Expand	Preserve and Other	
	Capital Preventive Maintenance Bridge		\$500,000	MDOT
	Preliminary Engineering		\$350,000	MDOT
	Trunkline Rail Crossings		\$100,000	MDOT
	Highway Safety		\$1,000,000	MDOT
	Preserve		\$17,742,000	MDOT
	Capacity	\$129,000		MDOT
2006 - 2025	Total of Years: \$792,555,000	\$150,023,000	\$642,532,000	
	Preserve and other various locations		\$67,300,000	City of Kalamazoo
	Arboretum from Drake Road to Kendall Avenue: New 3 lane road	\$1,500,000		City of Kalamazoo
	Crosstown Parkway from Vine Street to King Highway: Remove parking, widen to 4 lanes	\$1,363,000		City of Kalamazoo
	John Street/Burdick Street from Walnut Street to Vine Street: Complete 4 lane road	\$350,000		City of Kalamazoo
	Michigan Avenue from KL Avenue to Knollwood Avenue: Widen to 5 lanes	\$1,391,000		City of Kalamazoo
	Portage Street from Washington Street to Vine Street: Remove parking; widen to 5 lanes	\$500,000		City of Kalamazoo
	Drake Road from Canterbury Avenue to Grand Prairie Road: Widen to 3 lanes	\$1,149,000		City of Kalamazoo
	Porter Street from Frank Street to Paterson Street: Mill and resurface		\$220,000	City of Kalamazoo
	Enhancement Project: Local Share		\$182,000	City of Kalamazoo
	Local Safety Project: Local Share		\$334,000	City of Kalamazoo
	Components for the US-131/US-131 BR Study			Various Agencies
	Pitcher Street/Porter Street Connector from Paterson Street to Michigan Avenue: Widen to 4 lanes	\$1,337,000		City of Kalamazoo

Year	Project	Project Costs		Agency
		Improve/ Expand	Preserve and Other	
	Riverview Drive from north of Paterson Street to Mills Street: Add southbound through lane and bridge over railroad	\$2,553,000		City of Kalamazoo
	Components being studied for the City of Kalamazoo CBD Study			Various Agencies
	West Main Street from Douglas Avenue to Michigan Avenue: Two-way	\$500,000		City of Kalamazoo
	Michikal Avenue from West Main Street to Westnedge Avenue: Two-way	\$300,000		City of Kalamazoo
	Michigan Avenue from West Main Street to Kalamazoo Avenue: Two-way	\$1,220,000		City of Kalamazoo
	Kalamazoo Avenue from Michigan Avenue to West Main Street: Two-way	\$1,761,000		City of Kalamazoo
	Lovell Street from Michigan Avenue to Portage Street: Two-way	\$570,000		City of Kalamazoo
	South Street from Michigan Avenue to Portage Street: Two-way	\$710,000		City of Kalamazoo
	Kalamazoo Avenue from Douglas Avenue to Westnedge Avenue: Two-way	\$850,000		City of Kalamazoo
	Edwards Street from North Street to South Street: Two-way	\$550,000		City of Kalamazoo
	Douglas Avenue from West Main Street to Kalamazoo Avenue: Two-way	\$130,000		
	Preserve and other projects: Various locations		\$14,584,000	City of Portage
	Enhancement Project: Local Share		\$182,000	City of Portage
	Local Safety Project: Local Share		\$334,000	City of Portage
	Lovers Lane from Kilgore Road to Milham Avenue: Widen from 2 and 4 lanes to 4 lane boulevard with wide outside lanes and separate bike path	\$2,750,000		City of Portage
	Kilgore Road from Lovers Lane to west of Portage Road: Widen from 2 lanes to 3 lanes with bicycle lanes both sides	\$1,000,000		City of Portage
	Milham Road from 12 <sup>th</sup> Street to Oakland Drive: Widen from 2 lanes to 3 lanes with bicycle lanes both sides	\$3,150,000		City of Portage
	Mall Drive from Constitution Boulevard to J.C. Penney Drive: Widen from 3 lanes to 5 lanes	\$1,200,000		City of Portage
	Westnedge Avenue from Andy Avenue to Idaho Avenue: Widen to 7 and 8 lanes	\$7,211,000		City of Portage
	Shaver Road from Vanderbilt Avenue to south City Limit: Widen from 2 lanes to 3 lanes with bicycle lanes both sides	\$5,100,000		City of Portage

Year	Project	Project Costs		Agency
		Improve/ Expand	Preserve and Other	
	Westnedge Avenue from Idaho Avenue to Romence Road and from Kilgore Road to Andy Avenue: Widen northbound turn only from 2 lanes to 3 lanes	\$11,371,000		City of Portage
	Westnedge Avenue from Kilgore Road to Marketplace: Widen southbound only from 2 lanes to 3 lanes.	\$2,219,000		City of Portage
	Romence Road from Angling Road to Oakland Drive: Widen from 2 lanes to 3 lanes with bicycle lanes	\$952,000		City of Portage
	Portage Road from Lakeview Drive to Osterhout Road: Widen from 4 lanes to 5 lanes with bicycle lanes both sides	\$1,792,000		City of Portage
	Portage Road from Milham Avenue to Centre Avenue: Widen from 4 lanes to 5 lanes	\$2,650,000		City of Portage
	Romence Road from Portage Road to Sprinkle Road: Widen from 2 lanes to a 4 lane Blvd with wide outside lanes and bike path	\$2,300,000		City of Portage
	Oakland Drive from Kilgore Road to I-94: Widen from 4 lanes to 5 lanes	\$1,400,000		City of Portage
	Schuring Road from Oakland Drive to Westnedge Avenue: Widen from 2 lanes to 3 lanes with bicycle lanes both sides	\$1,848,000		City of Portage
	Westnedge Avenue/Shaver Road from Romence Road to Centre Avenue: Widen from 5 lanes to 7 lanes	\$16,940,000		City of Portage
	Zylman Avenue from Portage Road to Sprinkle Road: Widen from 2 lanes to 4 lane blvd with wide outside lanes and bike path	\$3,050,000		City of Portage
	Newport Avenue Extension from Gladys Street to Romence Road: Construct new 4 lane blvd with wide outside lanes and a bike path	\$1,850,000		City of Portage
	Lovers Lane from Milham Avenue to Centre Avenue: Widen from 4 lanes to 5 lanes	\$2,625,000		City of Portage
	Kilgore Road from Old Kilgore Road to Lovers Lane: Widen from 4 lanes to 5 lanes	\$775,000		City of Portage
	Preserve various locations		\$117,484,000	Road Commission
	Enhancement Project: Local Share		\$182,000	Road Commission
	Local Safety Project: Local Share		\$334,000	Road Commission
	35 <sup>th</sup> Street from I-94 to Battle Creek Road: Widen to 4 lanes; new structure	\$2,006,000		Road Commission

Year	Project	Project Costs		Agency
		Improve/ Expand	Preserve and Other	
	9 <sup>th</sup> Street from West Main Street to Stadium Drive: Widen to 5 lanes	\$5,300,000		Road Commission
	KL Avenue from 9 <sup>th</sup> Street to Drake Road: Widen to 5 lanes	\$2,500,000		Road Commission
	N Avenue from Sprinkle Road to 29 <sup>th</sup> Street: Widen to 4 lanes	\$4,300,000		Road Commission
	Nichols Road from Alamo Avenue to Barney Road: Widen to 4 lanes	\$1,275,000		Road Commission
	Sprinkle Road from Cork Street to Miller Road: Add southbound lane	\$1,000,000		Road Commission
	Sprinkle Road from Centre Avenue to TU Avenue: Widen to 5 lanes	\$6,517,000		Road Commission
	Stadium Drive from County Line to 6 <sup>th</sup> Street: Widen to 5 lanes	\$6,275,000		Road Commission
	Components of the US-131/US-131BR Study		Unknown	Various Agencies
	Westnedge Avenue from US-131BR to Westnedge Avenue: Widen and add signals	\$365,000		Road Commission
	Mosel Avenue from Douglas Avenue to Westnedge Avenue: Widen to 4 lanes	\$988,000		Road Commission
	Local Safety Projects on the non-trunkline system		\$5,000,000	MDOT
	Local Railroad Projects on the non-trunkline system		\$3,340,000	MDOT
	Enhancement Projects		\$11,200,000	MDOT
	KATS MAB Planning		\$1,000,000	MDOT
	Capital Preventive Maintenance Highway		\$24,000,000	MDOT
	Capital Preventive Maintenance Bridge		\$15,500,000	MDOT
	Preliminary Engineering		\$7,000,000	MDOT
	Trunkline Rail Crossings		\$2,000,000	MDOT
	Highway Safety		\$20,000,000	MDOT
	Preserve		\$354,840,000	MDOT
	I-94 from 12 <sup>th</sup> Street to east of US-131: Improve interchange and widen from 4 lanes to 6 lanes	\$27,580,000		MDOT
	I-94 Bridge under Lovers Lane: Reconstruct structure and approaches	\$5,000,000		MDOT
<b>Plan Total</b>	<b>\$938,443,992</b>	<b>\$181,801,300</b>	<b>\$756,642,692</b>	