

9 THE STATE'S DECISION-MAKING PROCESS

This section includes information on how the state conducted outreach to stakeholders and the public, and project prioritization methodology.

STAKEHOLDER ENGAGEMENT AND PUBLIC INVOLVEMENT

Public and stakeholder involvement played an important role in the development of the Michigan Freight Plan. Plan development relied extensively on the freight-related goals, language, and data included in the 2035 MITP. Completed in 2012, the updated long-range plan implemented an engagement strategy that included face-to-face meetings, Webinars, Internet postings, social media, e-mail communications, and other activities designed to engage the public early and continuously. The technical reports, which highlighted Michigan's freight assets, needs, and issues, helped lay the necessary groundwork for the Michigan Freight Plan.

Shortly after the passage of MAP-21, MDOT began a detailed analysis of the potential impacts of the bill on Michigan. MDOT concluded that proceeding with the creation of a state freight plan would be in the best interest of the department and the citizens of Michigan by maximizing the impacts of planned and programmed transportation projects that support the movement of freight and the state's economy.

In September 2012, MDOT developed a strategy for ensuring compliance with the guidelines outlined in MAP-21 for the creation of a state freight plan. This included identifying data elements that the current 2035 MITP was lacking that needed to be compiled for the Freight Plan. In December 2012, a timeline was developed for the completion of the Freight Plan, which included periodic progress reports to department leadership, STC, and the Freight Coordination Group.

In January 2013, MDOT developed a *Public and Stakeholder Involvement Process for the Freight Plan* and received approval from FHWA Michigan Division. Shortly thereafter, information recapped from *MAP-21 Guidance on State Freight Plans and State Freight Advisory Committees* was presented to the Michigan Transportation Planning Association (MTPA), a collection of Metropolitan Planning Organizations throughout the state. In April 2013, MTPA was provided with updated information regarding project selection criteria.

Upon completion of the draft plan, MDOT implemented a public involvement strategy for notifying and soliciting comments from key stakeholders and the general public during a 30-day review and comment period. MDOT issued a news release on July 9 announcing the availability of the document at MDOT region and Transportation Service Center (TSC) offices, and promoted a July 24 Webinar for discussing it in more detail. The department posted the document to its long-range plan Web site and shared it through the social networking sites Twitter and Facebook. E-blasts were sent to key stakeholder groups, including state legislators, airports, chambers of commerce, shipping firms, economic development agencies, trade associations, and other state and federal entities interested in advancing freight transportation in Michigan. MDOT notified the 12 federally recognized sovereign tribal governments whose lands are located within the state. In addition, the public also was invited to enter comments through [MDOT's Web site](#).

DISCUSSION OF PROJECT PRIORITIZATION

In order to identify projects that would benefit the movement of freight in Michigan, MDOT developed a set of project-selection criteria based on readily available data that is in line with guidance from MAP-21. Data measures were selected that could be used to demonstrate the significance of each project for the movement of freight. Freight projects - including air, highway, marine, and rail - were identified within the following documents:

- [MDOT 2013-2017 Five-Year Transportation Program](#);
- [Michigan State Rail Plan](#);
- [Office of Aeronautics Airport Capital Improvements Five-Year Plan 2013-2017](#);
- [State Transportation Improvement Program \(STIP\) 2011-2014](#);
- [2035 MI Transportation Plan: Moving Michigan Forward](#);
- [Metropolitan Planning Organization \(MPO\) Transportation Improvement Programs](#);
- [Rural Task Force \(RTF\) projects](#);
- [U.S. Army Corps of Engineers Authorized Capital Projects](#).

Due to the fact that the Michigan Freight Plan is intended to be a multi-modal document, and given the limitations of project eligibility as defined by Title 23 for highway funding, MDOT developed a tiered approach to the project list that followed FHWA's top priorities for freight and eligible project types. Information was gathered from the [Interim Guidance on State Freight Plans and State Freight Advisory Committees](#), as well as subsequent guidance released on the [Prioritization of Projects to Improve Freight Movement Guidance](#), associated [question and answer documentation](#), related [fact sheets](#), and [Webinars](#) hosted by FHWA.

9 THE STATE'S DECISION-MAKING PROCESS

MDOT established a set of “base criteria” in order to develop the freight project list. A project must satisfy the following requirements in order to be contained on Tier 1 or Tier 2 of the project list:

- Must be contained within the STIP or the MDOT Five-Year Transportation Program;
- Must be located on a COHS or within the 20-mile band;
- Must be located on the NHS.¹³

In order to maintain consistency with the guidelines established in MAP-21, MDOT used the eligible project-types listed in the bill:

- Construction, rehabilitation, reconstruction, or operational improvements;
- ITS or other technology;
- Efforts to reduce environmental impacts;
- Railway-highway grade separation;
- Truck-only lanes;
- Climbing and runaway truck lanes;
- Truck parking facilities;
- Real-time traffic, parking, condition, and multi-modal information systems.

Since funding sources and responsibilities vary significantly among the modes, freight projects are listed by mode of transportation. Highway projects are divided into three tiers. Tier 1 projects must satisfy the base criteria, be an eligible project-type as defined by MAP-21, and be identified as one of the following federal priorities for freight:

- Improvements to [intermodal connectors](#).
- Improvements to freight and truck bottlenecks ([Freight Performance Measures \(FPM\) Initiative: Congestion Monitoring at 250 Freight Significant Highway Locations](#)).
- Projects for a public rail facility or private rail facility providing benefit for highway users.
- Projects or groups of projects along a Major Freight Corridor.

Tier 2 projects are defined as those that satisfy the base criteria and are eligible project-types as defined within MAP-21, but are not one of the top federal priorities for freight.

Tier 3 projects are identified as eligible projects types, but do not satisfy the “base criteria” used to refine the Freight Project List.

The remainder of the Freight Project List is devoted to projects not on the highway system, and, therefore, not required to be included to satisfy MAP-21 state freight plan requirements. These projects have been identified as critical to the movement of freight throughout Michigan and are essential for the state’s economic vitality and competitiveness in the global marketplace. The marine, aviation, and rail projects contained in Tables 23-25 have been previously identified in a variety of planning documents, including the 2030 MITP, the 2035 MITP, the Michigan State Rail Plan, the MASP 2008, and local transportation plans.

In order to develop project justifications for eligible projects submitted to FHWA for approval for the increased federal share, MDOT identified the following data measures to calculate the impact of a project on the movement of freight and the economy in Michigan:

- Commercial Average Daily Traffic (CADT);
- Percent (%CADT);
- Commodity by Value;
- Commodity by Tonnage;
- Project Cost;
- Remaining Service Life (RSL);
- Level of Service (LOS);
- Project located within an ACT 51-participating community;
- Projects with a local match;
- Project contains a location considered to have “excess commercial vehicle crashes.”

These measures will assist MDOT in evaluating all projects and determine their impact on freight movement in Michigan.

¹³ Once the National Freight Network is established by FHWA, the NFN will be considered as a base criteria for project selection.

10 FREIGHT PROJECT LIST

FREIGHT PROJECT LIST

The following series of tables represents the freight project list by mode and tier as defined in Section 9. Projects submitted to FHWA for approval for the increased federal share will be determined through detailed financial analysis performed by the MDOT Office of Finance. The map on page 89 depicts Tier 1 highway projects, all of which are located on the state's trunkline system. For additional technical information, see Appendix A, which includes a very detailed description of the process followed in the creation of the Freight Project List. Projects are sorted by fiscal year (FY) and then alphabetically by MDOT Region (Region)

Table 20 - Freight Project List: Highway (Tier 1)

FY	Tier	Region	Route	Location	Work Description	COHS Type	Intermodal Connector	ATRI Bottleneck	Major Freight Corridor	Est. Total Funding
2014	1	Bay	I-69	M-54 TO CENTER ROAD	Concrete Reconstruct	NATIONAL			Y	\$15,048,504
2014	1	Bay	I-75	OAKLAND COL TO I-475 N JUNCTION	Mill & HMA Overlay	NATIONAL			Y	\$12,569,050
2014	1	Bay	I-69	I-69 OVER M-54 (DORT HWY) AND CENTER RD	Widening, PCI Beam Repair, Substructure Repair	NATIONAL			Y	\$6,747,075
2014	1	Bay	I-69	I-69 OVER CSX RR AND AVERILL AVE	Widening with Paint and Epoxy Overlay	NATIONAL			Y	\$5,665,875
2014	1	Bay	I-69	SAFETY UPGRADE OF SIGNALS	Safety upgrade of signals	NATIONAL			Y	\$552,000
2014	1	Grand	I-196	1 MI WEST OF MARKET AVE EAST TO MARKET AVE	Median Cable Barrier	NATIONAL			Y	\$457,207
2014	1	Grand	I-196	CHICAGO DRIVE EAST TO MARKET AVENUE	Extend Guardrail	NATIONAL			Y	\$451,528
2014	1	Metro	I-94	M-3 OVER I-94, WAYNE COUNTY	Bridge Replacement	STATEWIDE			Y	\$16,191,722
2014	1	Metro	I-96	MELVIN TO US-24	Reconstruct	NATIONAL			Y	\$79,889,700
2014	1	Metro	I-96	NEWBURGH ROAD TO MIDDLEBELT ROAD	Reconstruct	NATIONAL			Y	\$65,704,100
2014	1	Metro	I-96	6 BRIDGES OVER I-96, WAYNE COUNTY	Deck Rpl's, Deep Ovlys	NATIONAL			Y	\$8,950,000
2014	1	Metro	I-94	HANNAN RD TO I-275	Install Type T Guardrail	NATIONAL			Y	\$440,824
2014	1	Metro	N I-75/W M-102 RAMP	NB I-75 RAMP TO WB M-102	Attenuator and Concrete Barrier	NATIONAL			Y	\$286,815

FY	Tier	Region	Route	Location	Work Description	COHS Type	Intermodal Connector	ATRI Bottleneck	Major Freight Corridor	Est. Total Funding
2014	1	Metro	I-94/I-69	I-94/I-69 FREEWAY	New Welcome Center	NATIONAL		Y	Y	\$5,764,350
2014	1	North	US-10	US-10 (LUDINGTON) @ JACKSON ST	Radio Interconnect & Modernization	LOCAL	Y			\$170,000
2014	1	Southwest	I-94	BERRIEN COUNTY LINE TO 0.8 MILES EAST OF CR 681	Repair Existing and Multiple Course HMA Overlay	NATIONAL			Y	\$11,000,000
2014	1	Southwest	I-94	PUETZ ROAD TO I-196	Median Cable Barrier	NATIONAL			Y	\$2,771,000
2014	1	Southwest	I-94	I-94 EB OVER PINE CREEK, HARTFORD, VAN BUREN CO.	Shallow overlay, Widening, Beam repair, Railing	NATIONAL			Y	\$303,591
2014	1	Southwest	I-196 NB	AT I-196 BL (PHOENIX RD EXIT 20)	New exit loop ramp from I-196 NB to I-196 BL WB	NATIONAL			Y	\$530,000
2014	1	University	EB I-94	I-94 EB NEAR KALMBACH ROAD	Install De-icing system	NATIONAL			Y	\$398,203
2015	1	Bay	I-69	UNDER LAKE NEPESSING ROAD	Deck Replacement, approaches	NATIONAL			Y	\$1,305,115
2015	1	Bay	I-69	UNDER BLACKS CORNERS ROAD	Railing replace, Full Paint, Steel repair, Approaches	NATIONAL			Y	\$754,453
2015	1	Grand	I-196 EB	I-196 EB OVER M-45	Shallow ovrvly, substr repr	NATIONAL			Y	\$1,117,725
2015	1	Grand	I-196	I-196 EB OVER M-45 WB RAMP	Shallow ovrvly, beam rprs	NATIONAL			Y	\$1,206,000
2015	1	Grand	I-196	I-196 WB OVER GRAND RIVER, US-131, LOCAL STREETS	Deep overlay, partial paint, steel repair, substructure repair	STATEWIDE			Y	\$6,667,680
2015	1	Metro	I-69	TAYLOR RD. TO WALES CENTER-EB ONLY	Reconstruct	NATIONAL			Y	\$22,678,425
2015	1	Metro	I-94	I-94 COUNTY LINE TO WAYNE RD	Rumble Strips - Shoulders	NATIONAL			Y	\$462,179
2015	1	Metro	I-96	UNDER GLENDALE AVENUE	Pier and Abutment Replacements, Abutment Repair	NATIONAL			Y	\$1,734,152
2015	1	Metro	M-8 EAST S RAMP	OVER GTW RAILROAD	Deep Overlay, Rail Repair, Pier Repair	STATEWIDE			Y	\$472,614
2015	1	Metro	I-75	UNDER JOHN R SOUTHBOUND TURNAROUND RAMP	Steel Beam End Repairs, Diaphragm Replacements	NATIONAL			Y	\$224,275
2015	1	Metro	I-69 WB	I-69; I-94/I-69 INTERCHANGE	MITs Expansion	NATIONAL		Y	Y	\$6,600,000
2015	1	Metro	I-75	AND RAMP UNDER I-94 WEST - SOUTH RAMP	Beam End Repairs, Abutment Repair, Zone Painting	NATIONAL		Y	Y	\$119,516

FY	Tier	Region	Route	Location	Work Description	COHS Type	Intermodal Connector	ATRI Bottleneck	Major Freight Corridor	Est. Total Funding
2015	1	Southwest	I-196	SB ONLY 130TH AVENUE NORTH TO US-31	Major Rehabilitation	NATIONAL			Y	\$15,374,620
2015	1	Southwest	I-94	3 STRUCTURES ON I-94, BENTON HARBOR AREA	Shallow ovly, Bm repair	NATIONAL			Y	\$1,790,660
2015	1	Southwest	I-94	UNDER SPRINKLE ROAD IN KALAMAZOO	Bridge Removal and Replacement	NATIONAL			Y	\$28,161,000
2015	1	Southwest	I-94	UNDER CORK STREET IN KALAMAZOO AREA	Bridge Removal	NATIONAL			Y	\$290,000
2015	1	Southwest	I-94	4 BRIDGES ON I-94, VAN BUREN COUNTY	Shallow Overlay	NATIONAL			Y	\$2,975,200
2015	1	Southwest	I-196 & US-31 SB	OVER OLD ALLEGAN ROAD	Deep overlay, Pier repair, Approaches	NATIONAL			Y	\$397,088
2015	1	Southwest	I-94	I-94 BL (MLK) OVER I-94	Bridge Replacement	NATIONAL			Y	\$8,240,199
2015	1	Southwest	I-94	I-94 EB & WB OVER EAST BRANCH OF PAW PAW RIVER	Superstructure Repl, Widening, Scour Protection	NATIONAL			Y	\$2,799,728
2015	1	University	I-94	3 BRIDGES ON I-94, JACKSON COUNTY	Shallow and deep overlays	NATIONAL			Y	\$2,758,238
2015	1	University	I-75	I-75 FROM DIXIE HIGHWAY TO 0.58 MILES N OF HURD RD	Reconstruct	NATIONAL			Y	\$70,000,000
2015	1	University	I-75	4 BRIDGE LOCATIONS ON I-75 IN MONROE COUNTY	1 replacement, 3 widenings.	NATIONAL			Y	\$13,386,376
2015	1	University	I-75	I-75 NB & SB OVER STONY CREEK	Bridge Replacement (2 Bridges)	NATIONAL			Y	\$6,175,944
2016	1	Bay	I-69	I-69 UNDER LAPEER ROAD	Deck Replacement	NATIONAL			Y	\$3,499,588
2016	1	Metro	E I-69	WALES CENTER TO M-19 (EB ONLY)	Reconstruct	NATIONAL			Y	\$17,600,000
2016	1	Metro	I-275	AND I-96 FROM M-153 TO 5 MILE ROAD	Mill and Resurface	NATIONAL			Y	\$18,700,000
2016	1	Metro	I-94	STEPHENS TO 11 MILE	Reconstruct	NATIONAL			Y	\$26,070,000
2016	1	Metro	I-696	EB I-696 TO NB I-75	Construct truss over freeway showing lane assignments	NATIONAL			Y	\$453,666
2016	1	Southwest	I-94 WB	RED ARROW HIGHWAY (EXIT 16) TO I-94 BL (EXIT 23)	Mill Existing and Multiple Course HMA Overlay	NATIONAL			Y	\$12,950,000
2016	1	Southwest	I-94	17 1/2 MILE ROAD TO 21 1/2 MILE ROAD	Cable Median Barrier	NATIONAL			Y	\$1,440,000

FY	Tier	Region	Route	Location	Work Description	COHS Type	Intermodal Connector	ATRI Bottleneck	Major Freight Corridor	Est. Total Funding
2016	1	University	I-94	I-94 OVER CONRAIL AND THE GRAND RIVER	Realign and replace structure	NATIONAL			Y	\$20,176,820
2016	1	University	I-94	M-106 NB & SB (COOPER ST) OVER I-94	Bridge replacement and associated road work	NATIONAL			Y	\$14,077,201
2017	1	Bay	I-69	BALLENGER HIGHWAY TO FENTON ROAD	Reconstruct	NATIONAL			Y	\$18,025,000
2017	1	Bay	I-69	OVER HAMMERBERG ROAD	Widening, Epoxy Overlay, Paint, Steel Repairs	NATIONAL			Y	\$3,170,326
2017	1	Metro	BLUE WATER BRIDGE PLAZA	BLUE WATER BRIDGE PLAZA	BWB Plaza Expansion	NATIONAL			Y	\$147,800,000
2017	1	Metro	I-275	US-12 TO M-153	Mill and Resurface	NATIONAL			Y	\$15,317,000
2017	1	Metro	I-94	I-94 WB OVER WAYNE ROAD, WAYNE COUNTY	Epoxy Overlay, Substructure Repair	NATIONAL			Y	\$274,521
2017	1	Metro	I-94	I-94 WB OVER ECORSE ROAD, WAYNE CO.	Bridge Replacement	NATIONAL			Y	\$5,625,552
2017	1	Metro	I-94	I-94, DETROIT, WAYNE COUNTY	Shallow concrete overlay, partial paint, substructure repair	STATEWIDE			Y	\$2,595,152
2017	1	Metro	I-69	WALES CENTER TO M-19 (WB ONLY)	Reconstruct	NATIONAL			Y	\$18,595,000
2017	1	Metro	I-75	I-75 OVER FORT STREET	Deck Replacement	NATIONAL			Y	\$8,233,300
2017	1	Metro	I-75	I-75 OVER ROUGE RIVER	Deck Replacement				Y	\$77,358,309
2017	1	Metro	I-94	3 BRIDGES UNDER CSX, CONRAIL, AND GTW RAILROADS	Substructure Repair, Beam End Repair	NATIONAL		Y	Y	\$2,216,594
2017	1	Metro	I-94	TRUMBULL AVE OVER I-94, DETROIT, WAYNE COUNTY	Bridge Replacement	NATIONAL		Y	Y	\$4,241,232
2017	1	Metro	I-75	NORTH OF CANFIELD STREET TO SOUTH OF PIQUETTE	Cold milling and 3-1/2" of HMA Overlay	NATIONAL		Y	Y	\$1,654,470
2017	1	Southwest	I-94	17 1/2 TO 21 1/2 MILE ROAD	Multiple Course HMA Overlay	NATIONAL			Y	\$15,210,000
2017	1	Southwest	I-196	M-63 OVER I-196	Bridge Replacement	NATIONAL			Y	\$4,595,223
2017	1	Southwest	I-94	WESTBOUND I-94 FROM MILLER TO 40TH STREET	Widen Shoulder	NATIONAL			Y	\$1,571,724
2017	1	University	I-69	VERMONTVILLE HWY TO I-96	Reconstruct	NATIONAL			Y	\$37,620,000

FY	Tier	Region	Route	Location	Work Description	COHS Type	Intermodal Connector	ATRI Bottleneck	Major Freight Corridor	Est. Total Funding
2018	1	Metro	M-25/ PINE GROVE AVENUE	M-25/PINE GROVE AVENUE	Relocation of M-25	NATIONAL			Y	\$30,800,000
2018	1	Metro	BLUE WATER BRIDGE PLAZA	BLUE WATER BRIDGE PLAZA	New MDOT Facility Duty Free Occupy	NATIONAL			Y	\$5,750,000
2018	1	Metro	M-10	GRISWOLD ST TO NORTH OF M-3	Mill and Resurface	NATIONAL			Y	\$15,745,566
2018	1	Metro	I-696	I-696 AND M-3 (GRATIOT)	Ramp Reconstruct	NATIONAL			Y	\$2,661,201
2018	1	Southwest	I-94	FROM I-196 TO HENNESEY ROAD	Multiple Course Hot Mix Asphalt Overlay	NATIONAL			Y	\$18,500,000
2018	1	Southwest	I-94	SHAFTER RD (35TH) OVER I-94, 4 MILES E OF I-94 BL	Railing Replacement, Epoxy Overlay	NATIONAL			Y	\$498,094
2018	1	University	I-69	AINGER ROAD OVER I-69	Deep Overlay	NATIONAL			Y	\$887,625
TBD	1	Metro	NITC	I-75 TO HWY 401 (CANADA), WAYNE COUNTY	Const of new international crossing, incl. bridge, connect to I-75, and inspection plaza	NATIONAL			Y	\$3,540,000,000
TBD	1	Metro	I-75	NORTH OF M-102 TO SOUTH OF M-59, OAKLAND COUNTY	Widening and reconstruction	NATIONAL			Y	\$851,000,000
TBD	1	Metro	I-94	I-96 TO CONNOR, WAYNE COUNTY	Widening and reconstruction	NATIONAL			Y	\$1,800,000,000

Table 21 - Freight Project List: Highway (Tier 2)

FY	Tier	Region	Route	Location	Work Description	COHS Type	Est. Total Funding
2014	2	Bay	N M-47/W US-10 RAMP	US-10 & M-47	Ramp & Interchange Improvement	STATEWIDE	\$1,363,800
2014	2	Bay	US-10 BR	SUNSET AVENUE EASTERLY TO US-10 RAMPS.	Mill and HMA Overlay	STATEWIDE	\$2,155,903
2014	2	Bay	US-10	M-47 NB AND SB OVER US-10	Bridge Removal and Replacement	REGIONAL	\$4,345,546
2014	2	Bay	US-10	US-10 OVER HOPPLER CREEK	Block Floor	STATEWIDE	\$90,000
2014	2	Bay	US-23	US-23 OVER RIFLE RIVER	Deep Overlay	STATEWIDE	\$831,315
2014	2	Bay	M-53	AT BOWERS RD	Add Center Left-Turn Lane	REGIONAL	\$439,500
2014	2	Bay	M-24	I-69 TO NEPESSING STREET, LAPEER	HMA Reconstruct	STATEWIDE	\$10,914,500
2014	2	Bay	M-20	AT PATRICK ROAD CROSSOVER	Roundabout Construction	REGIONAL	\$1,169,320
2014	2	Bay	M-46	VASSAR ROAD TO SHERIDAN ROAD	Two-Course HMA Overlay	REGIONAL	\$3,213,735
2014	2	Bay	I-75	PINCONNING ROAD TO BAY/ ARENAC COL	Concrete Overlay	NATIONAL	\$12,452,596
2014	2	Grand	US-31	NB ON-RAMP & SB OFF-RAMP @ M-120	Extend Accel/Decel Lanes	STATEWIDE	\$901,000

Fiscal Year	Tier	Region	Route	Location	Work Description	COHS Type	Est. Total Funding
2014	2	Grand	US-31 NB	AT M-46	Ramp Alignment Modification/ Extension	STATEWIDE	\$900,000
2014	2	Grand	M-44 CONN	AIRWAY ST TO M-44	2 Course HMA Mill & Resurface	REGIONAL	\$2,748,500
2014	2	Grand	US-131	S MECOSTA CO LINE TO 6 MILE RD	Coldmill, C&S, HMA Resurface	STATEWIDE	\$12,992,000
2014	2	Grand	US-131	NB AND SB OVER 3 MILE ROAD	Superstructure Replacement	STATEWIDE	\$4,044,996
2014	2	Grand	US-131	US-131 OVER MUSKEGON RIVER	Epoxy Overlay, joint replacement	STATEWIDE	\$9,189,270
2014	2	Grand	I-96	AT THREE LOCATIONS IN KENT COUNTY	PHASE II -GVMC Area Deployment	NATIONAL	\$4,973,730
2014	2	Grand	M-231	M-45 TO LITTLE ROBINSON CREEK	Construct two lane roadway	REGIONAL	\$19,598,237
2014	2	Grand	US-31	AT TAYLOR STREET	Indirect Left-Turn Lanes	STATEWIDE	\$500,000
2014	2	Grand	M-37	52ND ST NORTH TO 44TH ST	Conc Pvmnt Rprs & Dmnd Grnd	STATEWIDE	\$2,075,000
2014	2	Grand	US-131 SB	US-131 SB OVER BRIDGE STREET	Deep ovrlly, substr repr, z-pnt	STATEWIDE	\$1,778,000
2014	2	Grand	I-96	EB AND WB OVER THE GRAND RIVER AND MARKET ROAD	Pier replacement, deck patch, healer sealer	NATIONAL	\$972,868
2014	2	Grand	I-96	AT M-50	Add Center Left-Turn Lane/Extend EB Off Ramp	NATIONAL	\$2,250,000
2014	2	Grand	I-96	UNDER M-50	Bridge Replacement	NATIONAL	\$4,119,389
2014	2	Grand	I-96	IONIA W CO LINE EAST TO M-66	Median Cable Barrier	NATIONAL	\$1,380,129
2014	2	Metro	N M-10/ DAVISON RAMP	NB M-10 TO WB M-8	Attenuator and Concrete	STATEWIDE	\$82,855
2014	2	Metro	M-5	FROM MAPLE ROAD TO W. BLOOMFIELD TR	Construct nonmotorized path	REGIONAL	\$800,000
2014	2	Metro	M-3	COMMON ROAD TO 14 MILE ROAD	Reconstruct roadway	STATEWIDE	\$17,050,000
2014	2	Metro	M-85	OVER CONRAIL (ABANDONED)	Bridge Replacement	LOCAL	\$4,351,181
2014	2	Metro	M-8	AT ZUSSMAN PLAYGROUND AND AT ATLAS MARKET	Pedestrian Hybrid Beacons	NATIONAL	\$772,862
2014	2	Metro	M-53	HELEN STREET TO RED RUN DRAIN	Mill and Resurface	STATEWIDE	\$13,200,000
2014	2	Metro	I-75	FROM AUBURN HILLS TO GENESEE COUNTY LINE	ITS Design of DMS's & CCTV's	NATIONAL	\$8,400,000
2014	2	Metro	M-1	CHANDLER TO ADAMS	Reconstruct	REGIONAL	\$20,000,000
2014	2	North	US-23	E. POINT ROAD TO AU SABLE RIVER BRIDGE	HMA Reconstruction	STATEWIDE	\$5,923,964
2014	2	North	US-127	MUSKEGON RIVER NORTH	Cold milling; crush and shape	STATEWIDE	\$6,381,794
2014	2	North	US-131	SOUTH COUNTY LINE TO SOUTH OF US-10	Crush & Shape, Resurface	STATEWIDE	\$3,704,754
2014	2	Southwest	I-194	AT SOUTHBOUND EXIT RAMP ONTO M-96	Widen terminal ending to create a right-turn lane	REGIONAL	\$94,000
2014	2	Southwest	I-94 BL	29 MILE ROAD/CLARK STREET TO I-94	Multiple course HMA Overlay	LOCAL	\$4,102,225
2014	2	Southwest	I-94 BL	AT SENECA LANE	Safety upgrade to signal	REGIONAL	\$115,000
2014	2	Southwest	I-94 BL	AT THE DRAKE ROAD INTERSECTION	Add dual Left-Turn lanes	REGIONAL	\$2,211,000

FY	Tier	Region	Route	Location	Work Description	COHS Type	Est. Total Funding
2014	2	Southwest	M-66	GLEN CROSS ROAD TO I-94	Cold Milling and 3.5 inch HMA Overlay	REGIONAL	\$2,517,840
2014	2	Southwest	I-94 BL	11TH STREET TO SENECA LANE, KALAMAZOO	Road Reconstruction	STATEWIDE	\$14,738,000
2014	2	Southwest	US-131	I-94 BL (STADIUM DRIVE) OVER US-131	Bridge Replacement	STATEWIDE	\$8,890,700
2014	2	Southwest	I-94 BL	WHEATFIELD PARKWAY TO WATTLES ROAD	Add Center Turn Lane	REGIONAL	\$1,419,600
2014	2	Southwest	I-94 BL	I-94 TO COLUMBIA AVENUE	HMA overlay & minor widening	REGIONAL	\$3,955,125
2014	2	Superior	US-2	TOURIST PARK RD TO CURRY STREET	Pavement reconstruction	REGIONAL	\$4,653,263
2014	2	Superior	I-75	STA 966+00 AND STA 1012+00	Replace 2 Culverts on I-75	NATIONAL	\$2,164,468
2014	2	Superior	M-35	M-35 AT COUNTY ROAD 521	Addition of Left-Turn passing Flare	NATIONAL	\$95,256
2014	2	Superior	M-35	JIMTOWN ROAD SOUTH 9.42 MILES	Coldmilling and Resurfacing	NATIONAL	\$5,465,273
2014	2	University	US-12	AT SPRINGVILLE HIGHWAY, LENEWEE COUNTY	Add Passing Flare	STATEWIDE	\$250,000
2014	2	University	US-127	PARNELL ROAD TO HENRY ROAD	Unbonded Conc Overlay	STATEWIDE	\$19,573,450
2014	2	University	US-24	US-24 FROM GRAFTON TO BUHL	Widen for CLTL	REGIONAL	\$1,979,017
2014	2	University	M-59	M-59 AT HACKER RD	Construct center Left-Turn lane	REGIONAL	\$613,732
2014	2	University	I-96	US-23 NB OVER I-96 WB	Bridge Replacement	STATEWIDE	\$1,635,576
2014	2	University	US-23	AT 6 MILE, BARKER, M-36 AND M-14	Extend ramp acceleration tapers	STATEWIDE	\$4,100,000
2014	2	University	I-96	5 STRUCTURES IN THE I-96 / US-23 INTERCHANGE	Bridge Replacement	STATEWIDE	\$9,073,776
2014	2	University	I-96	I-96 & US-23 INTERCHANGE	Reconstruct Interchange	NATIONAL	\$32,878,720
2015	2	Bay	M-30	AT INTERSECTION WITH WESTBOUND US-10 RAMPS	Roundabout construction	LOCAL	\$1,251,200
2015	2	Bay	US-127	UNDER BEAL CITY ROAD, UNDER ROSEBUSH ROAD	Deep Ovly, Epoxy Ovly, FD patch, beam repairs	STATEWIDE	\$826,263
2015	2	Bay	US-127	UNDER BASELINE ROAD, ISABELLA COUNTY	Deep Overlay, PCI Beam Repair, Joints	STATEWIDE	\$321,842
2015	2	Bay	M-25	BAY PARK ROAD TO THE HURON COUNTY LINE	HMA Mill and Overlay	LOCAL	\$4,250,584
2015	2	Bay	M-46	EB & WB M-46 IN SAGINAW COUNTY	Indirect Left-Turns/remove median crossover	REGIONAL	\$922,039
2015	2	Bay	M-46	M-46 EB AND WB OVER SWAN CREEK	Deep Overlay (EB) and Shallow Overlay (WB)	REGIONAL	\$1,180,767
2015	2	Bay	WB M-58	TWO LOCATIONS ON WB M-58; CITY OF SAGINAW	Pavement Grooving	REGIONAL	\$208,000
2015	2	Bay	US-10	US-10 UNDER NINE MILE ROAD, BAY COUNTY	Bridge Replacement	STATEWIDE	\$3,708,450
2015	2	Bay	I-75	I-75 UNDER M-54 & M-83	Substr rpr, FD Patch, Epoxy, Pnt Brngs, Jts	NATIONAL	\$1,104,597
2015	2	Bay	I-75	TWO BRIDGES IN SAGINAW COUNTY ALONG I-75	Bridge Replacement	NATIONAL	\$7,153,031
2015	2	Bay	I-75	I-75 UNDER BAKER ROAD IN SAGINAW COUNTY	Bridge Replacement	NATIONAL	\$3,583,065
2015	2	Bay	I-75	DIXIE HIGHWAY TO HESS	Reconstruct	NATIONAL	\$36,000,000
2015	2	Grand	M-21	OVER THE GTW RAILROAD	Superstructure Replacement	REGIONAL	\$2,512,000

FY	Tier	Region	Route	Location	Work Description	COHS Type	Est. Total Funding
2015	2	Grand	M-11	HAYES ST TO WILSON AVE	Mill, Det 8 Repairs, HMA Resurfacing	REGIONAL	\$2,528,000
2015	2	Grand	M-11	AT REMEMBRANCE ROAD	Construct Roundabout	REGIONAL	\$980,000
2015	2	Grand	US-31 BR	US-31 NORTH TO SHORELINE DRIVE	Mill, Joints, HMA Resurface	LOCAL	\$8,890,025
2015	2	Grand	M-11	REMEMBRANCE RD TO M-45	Mill, Det 8 Joints, HMA Resurfacing	REGIONAL	\$2,095,000
2015	2	Grand	M-11	M-45 SOUTH TO THE GRAND RIVER	Mill, Det 8 Joint Repairs, HMA Resurface	REGIONAL	\$3,328,000
2015	2	Grand	I-96	I-96 UNDER CASCADE ROAD	Deck replc, substr repr, widen	NATIONAL	\$5,412,000
2015	2	Metro	M-10 SB / M-39 SB RAMP	RAMP AT INTERCHANGE, OAKLAND COUNTY	Fiber Install on MITS network	STATEWIDE	\$3,000,000
2015	2	Metro	US-12	9 LOCATIONS IN WAYNE COUNTY	Traffic Signal Modernization	STATEWIDE	\$1,800,000
2015	2	Metro	Old M-14	OLD M-14 OVER THE MIDDLE ROUGE RIVER, WAYNE COUNTY	Bridge Replacement	LOCAL	\$2,398,777
2015	2	Metro	Old M-14	NEWBURGH TO MARKET STREET	Reconstruct	LOCAL	\$7,425,000
2015	2	Metro	Old M-14	HINES DRIVE OVER OLD M-14, WAYNE COUNTY	Bridge Replacement	LOCAL	\$2,784,303
2015	2	Metro	M-53	15 MILE ROAD TO 18 MILE ROAD	Reconstruction	STATEWIDE	\$31,800,000
2015	2	Metro	M-24	M-24 @ HARMON ROAD	Traffic Signal, Indirect Left	STATEWIDE	\$1,387,386
2015	2	Metro	M-24	HARMON ROAD TO GOLDENGATE	Mill and Resurface	STATEWIDE	\$25,674,000
2015	2	North	US-10	AT BRYE ROAD	Radio Interconnect & Modernization	STATEWIDE	\$100,000
2015	2	North	US-31	TOWNSEND TO EPPLER	Widening for center left-turn lane	STATEWIDE	\$3,501,946
2015	2	North	US-23	US-23 (MACKINAW AVE) OVER LITTLE BLACK RIVER	Bridge Replacement	STATEWIDE	\$990,025
2015	2	North	US-23	AUELICH ROAD TO KIRKLAND DRIVE	ASCRL with two-course HMA Overlay	STATEWIDE	\$5,031,136
2015	2	North	US-31	AT JOYFIELD ROAD	Construct right-turn lane	STATEWIDE	\$122,500
2015	2	North	US-31	3 MILE ROAD TO HOLIDAY HILLS ROAD	Remove pavement and replace with HMA	STATEWIDE	\$8,579,400
2015	2	North	US-31	TOWNSEND TO US-131	Crush and Shaping	STATEWIDE	\$5,141,092
2015	2	North	US-131	SOUTH OF US-10 INTERCHANGE TO NORTH OF US-10	Crush and Shape, HMA Resurface	STATEWIDE	\$3,817,500
2015	2	Southwest	US-131	UNDER M-222	Bridge Replacement	REGIONAL	\$4,272,171
2015	2	Superior	US-45	OVER THE EAST BRANCH BALTIMORE RIVER	Culvert Replacement	LOCAL	\$599,321
2015	2	Superior	I-75	I-75 BL OVER I-75	Deep Overlay	LOCAL	\$495,278
2015	2	Superior	US-41	US-41/M-28, CITY OF MARQUETTE, MARQUETTE COUNTY	Add Shoulders and HMA Overlay	STATEWIDE	\$1,182,049
2015	2	Superior	US-2	US-2 FROM URBAN STREET TO COUNTY ROAD 424	Agg lift and HMA surfacing	LOCAL	\$2,888,900
2015	2	Superior	US-41 / M-28	US-41/M-28 MARQUETTE COUNTY	Add HMA Shoulders and Resurface	STATEWIDE	\$1,709,025
2015	2	Superior	US-2	US-2 (CLOVERLAND) AT JACKSON ST	Signal Modernization with road	REGIONAL	\$103,000

FY	Tier	Region	Route	Location	Work Description	COHS Type	Est. Total Funding
2015	2	Superior	US-2	CURRY STREET TO ROOSEVELT ROAD	Pavement reconstruction	REGIONAL	\$4,218,208
2015	2	Superior	US-2 & M-28	AT GARDEN, SEENEY & NAUBINWAY REST AREAS	Placement of Escanaba Travelor Information Kiosks	NATIONAL	\$407,000
2015	2	Superior	US-2	OVER THE OGONTZ RIVER	Bridge Replacement	NATIONAL	\$971,848
2015	2	Superior	M-35	NCL OF MENOMINEE NORTH 6 MILES	HMA Coldmilling and Resurface	NATIONAL	\$5,076,004
2015	2	University	US-23 NB	AT N. TERRITORIAL, 6 MILE, 8 MILE & M-36	Extend ramp acceleration tapers	STATEWIDE	\$3,300,000
2015	2	University	I-96	6 BRIDGES ON I-96, LANSING	railing and bearing replace	NATIONAL	\$1,908,152
2015	2	University	US-23	NB & SB US-23 AT THE WEST TRI-LEVEL	Extend ramp/merge/weave acceleration tapers	STATEWIDE	\$3,100,000
2015	2	University	I-96	2 BRIDGE LOCATIONS ALONG I-96	Deep overlay	NATIONAL	\$1,414,948
2015	2	University	I-96	EB & WB OVER CEDAR STREET, LANSING	Joint replace, steel repairs	NATIONAL	\$1,233,400
2015	2	University	US-23	2 BRIDGES ON US-23 IN WASHTENAW COUNTY	Bridge replacement	STATEWIDE	\$6,666,952
2016	2	Bay	I-75	BRISTOL RD AT I-75 NB RAMPS	Install Roundabout	NATIONAL	\$1,055,000
2016	2	Bay	I-75	BRISTOL RD AT I-75 NB RAMPS	Install Roundabout	NATIONAL	\$1,267,055
2016	2	Bay	M-25	M-25 OVER MILL CREEK	Bridge Replacement	LOCAL	\$1,873,360
2016	2	Bay	I-475	2 BRIDGES ON I-475, FLINT	Bm End Rprs, Substr Rprs, App work, Brgs	STATEWIDE	\$1,462,060
2016	2	Bay	US-10	WB OVER US-127	Deep Concrete Overlay & Substructure Repairs	STATEWIDE	\$716,368
2016	2	Bay	US-127	WASHINGTON ROAD TO POLK ROAD	Two-Course HMA Overlay	STATEWIDE	\$7,150,740
2016	2	Bay	US-27	US-127 NB AND SB OVER TOWNLINE CREEK	Deep ovly, Apps, Full Paint, CSC	STATEWIDE	\$500,361
2016	2	Bay	M-15	M-15 OVER PADDISON CO DRAIN	Culvert Replacement	REGIONAL	\$457,774
2016	2	Bay	M-15	0.3 MILES N OF BRISTOL RD	Add Center Left-Turn Lane	REGIONAL	\$566,206
2016	2	Bay	M-53	M-53 OVER GREENMAN CREEK	Shallow Overlay	REGIONAL	\$247,135
2016	2	Bay	US-23	OVER AU GRES RIVER	Deep Overlay, Steel Repairs, Substructure Patching	STATEWIDE	\$474,312
2016	2	Bay	M-46	M-46 OVER MIDDLE BRANCH OF CASS RIVER	Culvert Replacement	REGIONAL	\$1,539,302
2016	2	Bay	I-475	SAGINAW STREET TO CLIO ROAD	Rubbilize & Resurface	STATEWIDE	\$10,265,000
2016	2	Bay	US-127	POLK ROAD TO VAN BUREN ROAD	Two-Course HMA Overlay	STATEWIDE	\$7,243,200
2016	2	Bay	US-10	US-10 OVER CHIPPEWA CREEK	Bridge Replacement	REGIONAL	\$765,832
2016	2	Bay	I-75	I-675 NORTH JUNCTION TO SAGINAW/BAY COL	Concrete Reconstruct	NATIONAL	\$24,306,671
2016	2	Bay	I-75	NB & SB OVER KOCHVILLE DRAIN	Deck Replacement	NATIONAL	\$1,053,313
2016	2	Grand	M-21	AT CARL DRIVE	Extension of Left-Turn lane	REGIONAL	\$170,397
2016	2	Grand	US-31	FRUITVALE ROAD NORTH TO WINSTON ROAD	Cold Mill, Joint Repairs, HMA Resurfacing	STATEWIDE	\$8,403,000

FY	Tier	Region	Route	Location	Work Description	COHS Type	Est. Total Funding
2016	2	Grand	US-131 NB	6 MILE ROAD NORTH TO 13 MILE ROAD	Coldmill, C&S, HMA Resurface	STATEWIDE	\$6,485,000
2016	2	Grand	US-31	US-31 OVER THE BARRMAN DRAIN	Culvert Replacement	STATEWIDE	\$816,000
2016	2	Grand	US-31	8TH ST TO LAKEWOOD BLVD	Reconstruction	STATEWIDE	\$7,705,000
2016	2	Grand	M-46	EAST OF US-131 NB OFF-RAMP TO EAST OF EDGAR RD	Widening for center left-turn lane	REGIONAL	\$1,340,119
2016	2	Grand	US-31	LAKWOOD BLVD TO QUINCY ST	Reconstruction	STATEWIDE	\$6,993,000
2016	2	Grand	US-31	LAKWOOD BLVD NORTH TO QUINCY ST	Reconstruct and widen	STATEWIDE	\$16,560,000
2016	2	Grand	I-96	I-96 UNDER CHENEY AVENUE	Deck replc, P/H, substr rpr	NATIONAL	\$1,552,000
2016	2	Metro	M-25	SANBORN TO HOLLAND	Bump Out	LOCAL	\$206,070
2016	2	Metro	M-59	OAKLAND WEST CTY LINE TO MILFORD	Mill and Resurface	STATEWIDE	\$15,400,000
2016	2	Metro	M-59	ELIZABETH LAKE ROAD TO US-24	Reconstruction	STATEWIDE	\$12,100,000
2016	2	North	US-23	SOUTH OF KIRKLAND DRIVE TO NORTH OF POINT ROAD	Passing Lane Rehabilitation	STATEWIDE	\$3,635,654
2016	2	North	US-127	M-55 TO MUSKEGON RIVER BRIDGE	Crush and shape and resurface and cold milling	STATEWIDE	\$10,324,244
2016	2	North	US-131	NORTH JUNCTION OF M-32 TO SOUTH OF BOYNE FALLS	Crack Relief Layer with Two-Course HMA overlay	STATEWIDE	\$5,900,000
2016	2	Southwest	US-12	OVER MICHIGAN SOUTHERN RAILROAD	Bridge Replacement	REGIONAL	\$3,054,532
2016	2	Southwest	US-12	US-12 OVER SWAN CREEK	Bridge replacement	REGIONAL	\$1,149,410
2016	2	Southwest	I-94 BL	SENNECA TO RAMBLING ROAD	Roadway Reconstruction	REGIONAL	\$5,530,140
2016	2	Southwest	I-94 BL	COLUMBIA AVE TO DICKMAN RD & AT SKYLINE DR	Rehabilitation	REGIONAL	\$4,361,760
2016	2	Southwest	US-31	I-196 NORTH TO NORTH OF WASHINGTON AVENUE	Roadway Reconstruction	STATEWIDE	\$10,332,125
2016	2	Superior	US-41	US-41/M-28, ISHPEMING, MARQUETTE COUNTY	Roundabout Construction	STATEWIDE	\$2,261,013
2016	2	Superior	US-2	US-2 FROM DAWN'S LAKE ROAD TO BALER ROAD	Pavt Rem, HMA reconstruct, Drainage improvements	REGIONAL	\$3,400,000
2016	2	Superior	US-2	EAST OF DELTA / SCHOOLCRAFT LINE EAST TO M-149	Coldmill and HMA overlay	NATIONAL	\$3,801,972
2016	2	University	US-27 BR	AT STOLL RD	Center Left-Turn Lane	REGIONAL	\$552,000
2017	2	Bay	US-127 BR	US-127 BR AT N MISSION ROAD (MT PLEASANT)	Roundabout Construction	REGIONAL	\$1,364,821
2017	2	Bay	M-46	BRENNAN ROAD TO M-52	Two-Course HMA Overlay with Drainage Improvements	REGIONAL	\$4,516,999
2017	2	Bay	US-127	VAN BUREN ROAD TO BEGOLE ROAD	Two-Course HMA Overlay	STATEWIDE	\$6,910,657
2017	2	Bay	M-13	ZILWAUKEE BRIDGE TO BAY CITY SOUTH CITY LIMITS	Mill and Two-Course HMA Overlay	LOCAL	\$6,900,000
2017	2	Bay	I-75	COTTAGE GROVE ROAD TO LINWOOD ROAD	Major Rehabilitation	NATIONAL	\$10,800,000
2017	2	Bay	I-75	I-75 AT HOLLY RD	Construct Loop Ramp to NB I-75	NATIONAL	\$3,973,410
2017	2	Grand	US-31 BR	HALL STREET TO DIVISION STREET	HMA Resurface; HMA Reconstruction	LOCAL	\$1,593,500

FY	Tier	Region	Route	Location	Work Description	COHS Type	Est. Total Funding
2017	2	Grand	US-131	KENT SOUTH COUNTY LINE TO 76TH STREET	Reconstruction	STATEWIDE	\$19,908,000
2017	2	Grand	I-96	AT M-44 CONNECTOR (PLAINFIELD AVENUE)	Widen and extend WB on ramp	REGIONAL	\$1,499,213
2017	2	Metro	M-153	M-153 @ HAGGERTY	TBD - Road Safety Audit will determine fix	STATEWIDE	\$3,124,044
2017	2	Metro	M-24	HARRIET TO DAVISON LAKE ROAD	Mill and Resurface	STATEWIDE	\$11,810,000
2017	2	Metro	M-97	M-3 (GRATIOT RD) TO M-102 (8 MILE RD)	Mill and Resurface pavement	LOCAL	\$8,780,000
2017	2	Metro	M-59	M-53 TO ROMEO PLANK ROAD	Reconstruct	STATEWIDE	\$23,504,000
2017	2	North	US-31	US-31 (E. GRANDVIEW PKWY) OVER THE BOARDMAN RIVER.	Deep Overlay, Complete Paint, Align Rockers	STATEWIDE	\$823,245
2017	2	North	US-23	TAWAS BEACH ROAD TO AULERICH ROAD	HMA Reconstruction	STATEWIDE	\$5,356,224
2017	2	North	M-72	KALKASKA COUNTY LINE TO M-93 INTERSECTION	Crush and shape and resurface	REGIONAL	\$4,978,023
2017	2	North	M-115	M-115 AT 20 MILE RD	Intersection improvement	REGIONAL	\$2,268,415
2017	2	Southwest	I-196 BL	SOUTH JCT I-196BL AND BLUE STAR HIGHWAY	Center Left-Turn and Right/Thru on I-196 BL	LOCAL	\$475,000
2017	2	Southwest	US-131	FROM BROADWAY ROAD TO COON HOLLOW ROAD	Reconstruct existing, no widening	STATEWIDE	\$7,722,000
2017	2	Superior	US-41	US-41, MARQUETTE COUNTY	Resurfacing & Restoration	STATEWIDE	\$5,630,525
2017	2	Superior	US-2	US-2 FROM OSS ROAD EASTERLY TO CRYSTAL FALLS	HMA mill and resurface, joint reprs, drainage	REGIONAL	\$4,640,000
2017	2	Superior	US-2	AT ESCANABA RIVER (B01) BRIDGE	Escanaba River Bridge Anti-Icing Application	NATIONAL	\$550,000
2017	2	Superior	US-2	OVER THE ESCANABA RIVER	Bridge Replacement	NATIONAL	\$19,400,391
2017	2	University	US-24	US-24 FROM N OF BUHL TO NEWPORT	Construct center Left-Turn lane	REGIONAL	\$1,703,425
2017	2	University	M-43	PARK LAKE RD TO DOBIE RD	HMA Cold Mill and Resurface	REGIONAL	\$4,111,000
2017	2	University	I-94 BL	I-94 BL, BROWN TO LOUIS GLICK	HMA Reconstruction	REGIONAL	\$7,003,137
2018	2	Grand	US-31	FRANKLIN STREET NORTH TO JACKSON STREET	Reconstruct and widen	STATEWIDE	\$8,400,000
2018	2	Grand	US-31	SLAYTON STREET TO SOUTH CHANNEL BRIDGE	Reconstruction	STATEWIDE	\$6,134,000
2018	2	Grand	I-96	I-96 UNDER CUTLER ROAD	Bridge Replacement	NATIONAL	\$3,824,878
2018	2	Metro	US-12	OUTER DRIVE TO WEST OF EVERGREEN	Reconstruction	STATEWIDE	\$3,923,000
2018	2	North	I-75	UNDER M-18	Deep overlay, Paint, P&H	NATIONAL	\$2,154,560
2018	2	Southwest	M-99	M-99 (SUPERIOR STREET)	Brick Paver Reconstruction.	LOCAL	\$5,877,287
2018	2	Southwest	US-131	FROM MILHAM AVE TO SHAVER ROAD	Multi-course HMA overlay	STATEWIDE	\$5,730,000
2018	2	University	M-17 / US-12 BR	M-17, US-12 BR	Mill & resurface; Concrete patches	REGIONAL	\$3,652,580
2018	2	University	US-23 BR	US-23 BR FROM I-94 BL TO M-14	Two-Course HMA mill & resurface	REGIONAL	\$6,071,475
2018	2	University	US-12	US-12 FROM B01 TO MAPLE ROAD	Reconstruct	STATEWIDE	\$10,328,000
2018	2	University	US-23	SUMMERFIELD ROAD OVER US-23	Bridge Replacement	STATEWIDE	\$6,065,439

Table 22 - Freight Project List: Highway (Tier 3)

FY	Tier	Region	Route	Location	Work Description	Jurisdiction	COHS Type	Est. Total Funding
2014	3	Grand	44th Street	FROM STAFFORD AVE TO DIVISION AVE	RECONSTRUCT ROADWAY	City of Wyoming	REGIONAL	\$2,100,000
2014	3	Grand	4 Mile Road	FROM OLD ORCHARD/ ALPINE AVE TO WALKER AVE	RECONSTRUCT ROADWAY, ADD CENTER LANE	Kent County Road Commission	REGIONAL	\$2,735,000
2014	3	Grand	44th Street	FROM 8TH AVE TO KENOWA AVE	RESURFACE	Ottawa County Road Commission	REGIONAL	\$651,000
2014	3	Metro	Dequindre Road	FROM LONG LAKE TO AUBURN	WIDEN FROM 2 TO 5 LANES	Road Commission for Oakland County (RCOC)	REGIONAL	\$4,800,000
2014	3	Metro	Dequindre Road	FROM LONG LAKE TO AUBURN	WIDEN FROM 2 TO 5 LANES	Road Commission for Oakland County (RCOC)	REGIONAL	\$4,800,000
2014	3	Metro	Beck Road	WARREN ROAD TO ANN ARBOR ROAD	ADD CENTER LEFT TURN LANE	Wayne County Dept Public Service	REGIONAL	\$4,063,000
2014	3	University	Carpenter Road	FROM PACKARD TO WASHTENAW	RECONSTRUCT ROADWAY	Washtenaw County Road Commission	REGIONAL	\$1,758,795
2014	3	University	Carpenter Road	FROM PACKARD TO WASHTENAW	RECONSTRUCT ROADWAY	Washtenaw County Road Commission	REGIONAL	\$1,758,795
2014	3	University	Ellsworth Road	FROM GOLFSIDE TO HEWITT	REHABILITATE ROADWAY	Washtenaw County Road Commission	REGIONAL	\$625,000
2015	3	Metro	Metropolitan Parkway	GROESBECK HWY TO GRATIOT HWY	WIDEN FROM 4 TO 6 LANE BOULEVARD	Macomb Dept of Roads	REGIONAL	\$12,000,000
2015	3	University	Carpenter Road	FROM PACKARD TO WASHTENAW	RECONSTRUCT ROADWAY	Washtenaw County Road Commission	REGIONAL	\$409,550
2015	3	University	Carpenter Road	FROM PACKARD TO WASHTENAW	RECONSTRUCT ROADWAY	Washtenaw County Road Commission	REGIONAL	\$409,550
2016	3	Metro	Dequindre Road	FROM LONG LAKE TO AUBURN	WIDEN FROM 2 TO 5 LANES	Road Commission for Oakland County (RCOC)	REGIONAL	\$15,000,000
2016	3	Metro	Dequindre Road	FROM LONG LAKE TO AUBURN	WIDEN FROM 2 TO 5 LANES	Road Commission for Oakland County (RCOC)	REGIONAL	\$15,000,000
2016	3	Metro	23 Mile Road	NORTH AVENUE TO FAIRCHILD	WIDEN FROM 2 TO 5 LANES	Macomb Dept of Roads	REGIONAL	\$6,000,000
2016	3	Metro	Farmington Road	FIVE MILE TO SIX MILE	REHABILITATE ROADWAY	Wayne County Dept Public Service	REGIONAL	\$321,000
2016	3	University	Stadium Blvd	FROM HUTCHINS TO KIPKIE	RECONSTRUCT ROADWAY	City of Ann Arbor	REGIONAL	\$5,832,000
2016	3	University	Stadium Blvd	FROM HUTCHINS TO KIPKIE	RECONSTRUCT ROADWAY	City of Ann Arbor	REGIONAL	\$5,832,000
2017	3	University	Stadium Blvd	FROM HUTCHINS TO KIPKIE	RECONSTRUCT ROADWAY	City of Ann Arbor	REGIONAL	\$1,000,000
2017	3	University	Stadium Blvd	FROM HUTCHINS TO KIPKIE	RECONSTRUCT ROADWAY	City of Ann Arbor	REGIONAL	\$1,000,000

Table 23 - Freight Project List: Rail

Project	Rail Lines	Estimated Cost
Capital Maintenance Project: Grade crossing repair, including signal infrastructure improvements/maintenance	LSI	\$1,000,000
Install security measures at interchange points in Lenawee, Wayne and Lapeer counties	A&B, LI, DCON	\$1,250,000
Rebuild 65 grade crossing surfaces	Lake State Railway	\$3,440,000
Detroit Intermodal Freight Terminal - Exterior Roadway Improvements: 1. Central Avenue (will be 100 percent state funding) 2. Dix/Central Intersection 3. Lonyo Avenue 4. North Perimeter Road 5. I-94/Livernois Avenue Interchange Note: Railroads will not share in costs of these roadway improvements.	MDOT, City of Detroit	\$90,560,000
Detroit Intermodal Freight Terminal: Civil Works	MDOT, City of Detroit	\$29,340,000
Detroit Intermodal Freight Terminal - External Railroad Improvements: Beaubien and Milwaukee Junction Interlockings. Includes additional crossover and bridge slot at Brush St.	CN, CSAO	\$21,590,000
Detroit Intermodal Freight Terminal - External Railroad Improvements: CN Coolidge and YD Interlockings	CN, CSAO	\$3,570,000
Detroit Intermodal Freight Terminal - External Railroad Improvements: Delray Interlocking	CN, CP, CSAO, CSX, NS	\$16,090,000
Detroit Intermodal Freight Terminal - External Railroad Improvements: CP Mill Interlocking	CN, CSAO	\$2,450,000
Detroit Intermodal Freight Terminal - External Railroad Improvements: Oakwood Junction Interlocking	CN, NS	\$4,600,000
Detroit Intermodal Freight Terminal - External Railroad Improvements: Schaefer Interlocking	CN, CSAO, NS	\$4,470,000
Detroit Intermodal Freight Terminal - External Railroad Improvements: Trenton Interlocking	CN, CSAO	\$7,670,000
Detroit Intermodal Freight Terminal - External Railroad Improvements: Vinewood Interlocking	CN, CSAO	\$5,350,000
Detroit Intermodal Freight Terminal - External Railroad Improvements: Waterman and Dix Interlockings	CN, CP, CSAO, CSX, NS	\$3,940,000
Detroit Intermodal Freight Terminal - External Railroad Improvements: West Detroit Interlocking	CN, CP, CSAO, NS	\$10,030,000
Detroit Intermodal Freight Terminal - External Railroad Improvements: New Rotunda Interlocking	CSAO, NS	\$5,250,000
Detroit Intermodal Freight Terminal - External Railroad Improvements: Delray to Dix Interlockings	CN, CP, CSAO, CSX, NS	\$2,600,000
Detroit Intermodal Freight Terminal - External Railroad Improvements: Oakwood Junction to Schaefer Interlockings	CN, CSAO, NS	\$14,190,000
Relocate A&B/NS interchange point from Adrian to Toledo	A&B	\$7,000,000
Detroit Intermodal Freight Terminal: CP Terminal	CP	\$47,190,000
Detroit Intermodal Freight Terminal: CSX Terminal	CSX	\$48,220,000
Detroit Intermodal Freight Terminal: NS Triple Crown Terminal	NS	\$52,130,000
Detroit Intermodal Freight Terminal: NS Intermodal Terminal	NS	\$11,390,000

Project	Rail Lines	Estimated Cost
Detroit Intermodal Freight Terminal: CSAO Terminal	CSAO	\$5,000,000
Upgrade track and improve bridges	Branch County RUA	\$3,000,000
Zilwaukee track alterations to eliminate crossings	Huron & Eastern	\$3,200,000
Capital Maintenance Project: Replace 85-lb. and 90-lb. rail from sidings and mainline and replace with larger rail on 1.4 miles of track	MMRR	\$560,000
Upgrade and repair 11 railroad bridges; replace culverts; and rebuild 40 grade crossings	Ann Arbor Railroad	\$3,730,000
Signalize dark territory to enhance operational efficiency and safety	Lake State Railway	\$4,250,000
Re-route Manistee Branch to eliminate crossings and bridges	Marquette Rail	\$10,500,000
Construct new rail infrastructure to serve the Ford Heritage Assembly plant in Dearborn	Norfolk Southern	\$4,380,000
Capital Maintenance Project: Tie and rail replacement	LSI	\$1,000,000
Michigan State Line to Diann: Track infrastructure improvements to upgrade rail line	IORY	\$500,000
Replace Adrian bridge	A&B	\$4,000,000
Upgrade 9 miles of track between Paines and Hemlock	Mid-Michigan Railroad	\$900,000
Capital Maintenance Project: Remove 90-lb rail from mainline; Replace 25.7 miles of track with larger size	GR	\$10,280,000
Replace 20,000 ties between Kalamazoo and Grand Rapids	Grand Elk	\$2,300,000
Upgrade track from Saginaw Mershon to Paines for new hazmat traffic	Huron & Eastern	\$12,000,000
Upgrade track from Durand to Owosso	Huron & Eastern	\$5,800,000
Upgrade track from Buena Vista to Bad Axe to Croswell	Huron & Eastern	\$3,100,000
Track rehabilitation from Quincy to Coldwater	Indiana Northeastern	\$3,100,000
Replace condemned bridge to restore rail service and haul hazmat	Lapeer Industrial	\$510,000
Upgrade 17 miles of track to 286,000-pound capacity from White Pigeon to south of Sturgis	Michigan Southern	\$13,800,000
Capital Maintenance Project: Ties and ballast replacement	ELS	\$14,500,000
Capital Maintenance Project: Replace 90 and 100-lb. rail from the main core hazardous material route and replace with larger rail along 5 miles of track	HESR/CMRY	\$2,000,000
Bay City: Entire overhaul of the swing bridge at Bay City. Replace structure with new automated swing capabilities and complete rework of all mechanical components	HESR/CMRY	\$2,500,000
Ferrysburg: Overhaul swing bridge at Ferrysburg, focusing on safety walkways, mechanical components and electrical circuitry	MMRR	\$2,500,000
Replace two bridges in Portage to accommodate 286,000-lb. railcars	Grand Elk	\$1,200,000
Construct Essexville wye track to access new power plant and minimize crossing moves and blockages	Lake State Railway	\$970,000
Detroit River Tunnel: Construct new rail tunnel between Detroit and Windsor. New tunnel will accommodate double stack trains and provide competitive, cost effective service. Source of other funds - Canada.	CP	\$390,000,000
Reconnect A&B lines with Toledo switching terminal to eliminate crossings and re-route hazmat outside of Adrian	A&B	\$7,000,000

Table 24 - Freight Project List: Aviation

FY	Federal Cargo Entitlement Funding	Airport	Project Description	Estimated Cost
2014	N	ALPENA	Improve terminal building phase 1	\$368,421
2014	Y	DETROIT METRO	Twy W reconstruction	\$28,000,000
2014	Y	DETROIT METRO	E. portion of Twy V reconstruction	\$12,000,000
2014	Y	DETROIT METRO	Twy S, S4, & S5 reconstruction	\$6,400,000
2014	Y	DETROIT METRO	W. portion of Twy H reconstruction	\$1,500,000
2014	Y	DETROIT METRO	Rwy 3L/21R Extension (pre-design and environmental)	\$2,667,000
2014	Y	DETROIT WILLOW RUN	Reconstruct Rwy 5R/23L (part 3)	\$7,790,000
2014	Y	DETROIT WILLOW RUN	Construct ARFF and SRE building (part 1)	\$1,000,000
2014	Y	DETROIT WILLOW RUN	Environmental Assessment for possible Rwy 9/27 Ext.	\$1,800,000
2014	Y	DETROIT WILLOW RUN	East Ramp rehabilitation	\$4,000,000
2014	Y	DETROIT WILLOW RUN	Airport Layout Plan update	\$350,000
2014	Y	DETROIT WILLOW RUN	Noise Mitigation program	\$3,000,000
2014	N	ESCANABA	Acquire snow removal equipment (displacement plow)	\$528,000
2014	Y	FLINT	Rwy 18/36 rehabilitation	\$2,000,000
2014	Y	FLINT	Corporate area development	\$3,500,000
2014	Y	FLINT	Perimeter Road construction	\$3,000,000
2014	Y	FLINT	Land acquisition	\$3,500,000
2014	Y	FLINT	Intermodal facility expansion EA and preliminary design	\$400,000
2014	Y	FLINT	Security fencing improvements	\$1,000,000
2014	Y	GRAND RAPIDS	Stormwater/Deicing Control	\$3,300,000
2014	Y	GRAND RAPIDS	Concourse B Ramp Expansion	\$1,612,000
2014	Y	GRAND RAPIDS	Concourse B Hold Rooms design	\$366,000
2014	Y	GRAND RAPIDS	Terminal apron reconstruction design	\$870,000
2014	Y	GRAND RAPIDS	Perimeter Road reconstruction design	\$53,000
2014	Y	GRAND RAPIDS	Snow removal equipment replacement	\$568,000
2014	N	HANCOCK	Terminal apron reconstruction	\$1,058,000
2014	N	IRON MOUNTAIN	Acquire SRE	\$157,895
2014	Y	LANSING	Rwy 6/24 upgrade	\$33,000,000
2014	Y	LANSING	New Airfield Electrical Vault	\$3,000,000
2014	N	OSCODA-WURTSMITH	Rehabilitate losco apron (phase 2) incl design	\$2,856,000
2014	N	PELLSTON	Construct GA terminal	\$3,000,000
2014	N	TRAVERSE CITY	Construct new General Aviation terminal	\$550,000
2014	N	TRAVERSE CITY	Purchase snow removal equipment	\$500,000
2014	N	TRAVERSE CITY	Design of improvements	\$75,000
2015	N	ALPENA	Improve terminal building phase 2	\$368,421
2015	Y	DETROIT METRO	S. portion of Rwy 3L/21R & Twy M & F reconstruction	\$54,000,000
2015	Y	DETROIT METRO	Twy PP2 reconstruction	\$3,900,000
2015	Y	DETROIT METRO	Rwy 4L/22R high speed txy development	\$13,433,000
2015	Y	DETROIT WILLOW RUN	Reconstruct Rwy 5R/23L (part 4)	\$7,386,000
2015	Y	DETROIT WILLOW RUN	Construct ARFF and SRE building (part 2)	\$3,700,000

FY	Federal Cargo Entitlement Funding	Airport	Project Description	Estimated Cost
2015	Y	DETROIT WILLOW RUN	West Ramp rehabilitation environmental and design	\$250,000
2015	Y	DETROIT WILLOW RUN	Wildlife fence replacement	\$2,000,000
2015	Y	DETROIT WILLOW RUN	Noise Mitigation program	\$3,000,000
2015	N	ESCANABA	Land acquisition for RPZ control	\$113,000
2015	Y	FLINT	Intermodal facility expansion	\$10,000,000
2015	Y	GRAND RAPIDS	Terminal apron reconstruction (ph1)	\$4,843,000
2015	Y	GRAND RAPIDS	Perimeter Road reconstruction	\$945,000
2015	Y	GRAND RAPIDS	Rwy 8L/26R rehabilitation design	\$194,000
2015	Y	GRAND RAPIDS	Snow removal equipment replacement	\$310,000
2015	N	HANCOCK	Design new terminal complex	\$525,000
2015	N	HANCOCK	Rwy 25 approach land acquisition	\$200,000
2015	N	IRON MOUNTAIN	Rehabilitate taxiway "A" - design	\$110,000
2015	Y	LANSING	Rehab. of Rwy 28L and Twys A, B, C, D, F, & M	\$5,000,000
2015	N	OSCODA-WURTSMITH	Acquire SRE	\$350,000
2015	N	PELLSTON	Design terminal building holdroom expansion	\$275,000
2015	N	TRAVERSE CITY	Aircraft freight ramp and twy construction	\$630,000
2015	N	TRAVERSE CITY	Service road to freight ramp	\$166,000
2015	N	TRAVERSE CITY	Purchase snow removal equipment	\$500,000
2015	N	TRAVERSE CITY	Snow removal equipment cold storage building	\$800,000
2016	N	ALPENA	Airfield crack sealing & paint marking	\$90,000
2016	Y	DETROIT METRO	N. portion of Rwy 3L/21R reconstruction	\$22,500,000
2016	Y	DETROIT METRO	N portions of Twy M & P reconstruction	\$18,400,000
2016	Y	DETROIT METRO	Twy P4 reconstruction	\$7,500,000
2016	Y	DETROIT METRO	Twy M3, M4, M5 reconstruction	\$5,300,000
2016	Y	DETROIT METRO	Rwy 3L/21R extension and land acquisition	\$25,000,000
2016	Y	DETROIT WILLOW RUN	Ext. Rwy 9/27 & construct Twy G (part 1)	\$13,000,000
2016	Y	DETROIT WILLOW RUN	Construct ARFF and SRE building (part 3)	\$3,700,000
2016	Y	DETROIT WILLOW RUN	Rwy 5L/23R Reconstruction environmental & design	\$1,200,000
2016	Y	DETROIT WILLOW RUN	Noise Mitigation program	\$3,000,000
2016	N	ESCANABA	Airfield crack sealing & paint marking	\$110,000
2016	Y	FLINT	Rwy 9/27 rehabilitation	\$2,000,000
2016	Y	FLINT	Snow Removal Equipment, snow blower	\$400,000
2016	Y	GRAND RAPIDS	Terminal apron reconstruction (ph2)	\$4,843,000
2016	Y	GRAND RAPIDS	Rwy 8L/26R rehabilitation	\$3,225,000
2016	N	HANCOCK	Wildlife fencing improvements	\$353,000
2016	N	HANCOCK	Wetland deliniation	\$75,000
2016	N	HANCOCK	Runway approach clearing	\$1,556,000
2016	N	IRON MOUNTAIN	Rehabilitate taxiway "A"	\$3,000,000
2016	Y	LANSING	Aircraft Rescue & Fire Fighting truck replacement	\$1,000,000
2016	Y	LANSING	Environmental assessment for future terminal building	\$200,000
2016	Y	LANSING	Land reimbursement	\$1,105,000
2016	N	OSCODA-WURTSMITH	Rehabilitate losco apron (phase 3) - design	\$157,895
2016	N	PELLSTON	Terminal building holdroom expansion (ph1)	\$2,000,000

FY	Federal Cargo Entitlement Funding	Airport	Project Description	Estimated Cost
2016	N	PELLSTON	Airfield marking	\$100,000
2016	N	TRAVERSE CITY	Terminal Expansion	\$5,000,000
2017	N	ALPENA	Rehabilitate taxiway lighting (for C, E & G) (LED)	\$177,500
2017	N	ESCANABA	Rehabilitate Rwy 9/27 lighting & signage	\$247,000
2017	N	IRON MOUNTAIN	CO funding year	\$157,895
2017	N	OSCODA-WURTSMITH	Rehabilitate losco apron (phase 3)	\$2,842,105

Table 24 - Freight Project List: Marine

Project	Federal Navigation Project	Connecting Channel	Services Multiple Channels	Estimated Cost
Soo Replacement Lock	Y	Y	Y	\$580,000,000
Soo Locks Asset Renewal	Y	Y	Y	\$10,700,000

Figure 22 - Tier 1 Highway Freight Project Map



