

**Michigan Department of Transportation**  
**Rail Strategic Plan – FY2023-2027**  
**2022 PA166, Section 707**  
**February 28, 2023**

*Section 707. (1) Before March 1 of each year, the department will provide to the legislature, the state budget office, and the house and senate fiscal agencies its rail strategic plan. The strategic plan shall include, but is not limited to, a rolling 5-year rail plan and summary of the department’s obligations for programs funded under the appropriation in part 1 for rail operations and infrastructure.*

*(2) The rolling 5-year rail plan shall include, but is not limited to, all the following:*

*(a) A listing by county of all rail infrastructure projects on rail lines within the state utilizing state funds, and the estimated cost of each project.*

*(b) The actual or projected state expenditures for operation of passenger rail service.*

*(c) The actual or projected state expenditures for maintenance of passenger service rail lines.*

*(3) The period of the rolling 5-year rail plan includes the current fiscal year and the 4 fiscal years immediately following the current fiscal year.*

*(4) The summary of the department’s obligations for programs funded under the appropriation in part 1 for rail operations and infrastructure shall include a breakdown of the appropriation by program, year-to-year obligations under each program itemized by project, and an estimate of future obligations under each program itemized by project for the remainder of the fiscal year.*

*(5) From the funds appropriated in part 1 for rail operations and infrastructure, not less than \$21,500,000 must be allocated for the support of rail-related economic development projects and rail freight system preservation projects.*

The Michigan Department of Transportation’s Office of Rail is pleased to present its Rail Strategic Plan for Fiscal Years 2023 through 2027. While future available revenues are unknown and some funding needs are not known in advance, this plan provides a listing of anticipated projects and spending representing future obligations and priorities.

The Rail Operations and Infrastructure appropriation line funds several individual programs and activities, including passenger rail operating assistance, capital and maintenance activities on the 665 miles of state-owned freight and passenger rail lines, and enhanced economic development through investments in rail infrastructure.

The majority of funding for this appropriation line comes from the Comprehensive Transportation Fund (CTF). Authority is also provided to spend federal, local, and private dollars, as well as monies in the Rail Freight Fund, should funding from any of those sources be available.

The current FY2023 breakdown by program is included in the chart below:

Passenger Rail Operating	\$ 29,300,000
Kalamazoo-Dearborn Maintenance	\$ 1,800,000
Kalamazoo-Dearborn Capital	\$ 10,986,338
Freight Lines Capital	\$ 3,291,169
Freight Economic Development Program and Rail Freight System Preservation Projects	\$ 21,500,000
Federal Grant Match and Other Miscellaneous	\$ 21,318,400
Unallocated to date	\$ 11,454,793
<b>TOTAL</b>	<b>\$ 99,650,700</b>

Details of the above planned investments for FY2023, as well as those for FY2024 through FY2027 for the multiple CTF-funded program areas are contained on the following pages. While there will almost certainly be adjustments based on changing revenues and appropriations, emerging needs, or other factors, this represents the estimated projection at this time. For purposes of this report the annual CTF appropriation is assumed to remain consistent with the FY23 appropriation amount. In reality, this amount could be higher or lower based on actual CTF revenues received in FY24 to FY27.

Two areas of funding needs are especially difficult to predict.

First, the Freight Economic Development Program receives, reviews, and approves applications throughout the year. While the goal is to always be able to assist with qualifying projects that relate to job creation and increased rail usage, this Plan includes placeholder amounts based upon history and reasonable projections. Also, the new Michigan Rail Enhancement Grant Program will provide funding to projects selected and approved upon review of eligible applications through a competitive process.

Second, per the provisions of the Passenger Rail Investment and Improvement Act of 2008 (PRIIA), states are responsible for providing operating assistance for Amtrak routes under 750 miles. That includes all three Michigan services – the Wolverine, Blue Water and Pere Marquette. MDOT contracts with Amtrak and is responsible for costs not covered by ticket and other revenues. The pandemic has had a significant impact on ridership and revenue, but the financial impact of that on the state has been cushioned by the availability of federal COVID relief funding. This funding will end during FY23, so no additional COVID relief funding is anticipated for FY24-FY27 for Amtrak operations. It remains to be seen how ridership and revenue bounce back as we move forward.

**FY 2023**

	Location	Project Description	Estimated Cost	Federal/Other	State
<b>Passenger Rail Operating</b>					
Amtrak Operating Assistance	Three Amtrak corridors	Provide federally-mandated operating assistance	\$29,300,000	\$0	\$29,300,000
Midwest States Equipment	Three Amtrak corridors	Michigan's share of multi-state equipment contract	\$0	\$0	\$0
<b>Kalamazoo-Dearborn Maintenance</b>					
Kalamazoo-Dearborn Maintenance	Kalamazoo to Dearborn	General maintenance/State of Good Repair activities	\$100,000	\$0	\$100,000
Insurance and Utilities	Kalamazoo to Dearborn	Property insurance and utilities	\$1,700,000	\$0	\$1,700,000
<b>Kalamazoo-Dearborn Capital (Track/Bridge/Signal)</b>					
Jackson/Mechanic Bridge Reconstruction (2018 SOGR)	Jackson	Additional Funding	\$1,371,463	\$0	\$1,371,463
Jackson/Mechanic Utility Delay Costs	Jackson	Funding for delays	\$2,300,000	\$0	\$2,300,000
Bridge Design Projects (2021 SOGR Grant)	Washtenaw County	Design Two Bridges	\$1,652,000	\$1,239,000	\$413,000
Bridge Superstructure Replacement	Kalamazoo	Superstructure Replacement - AML 129.39	\$500,000	\$0	\$500,000
Battle Creek Connection PE/NEPA (2019 CRISI)	Battle Creek	PE/NEPA for new track connection in Battle Creek	\$1,499,839	\$1,124,879	\$374,960
Trespass Prevention (2020 CRISI Grant)	Kalamazoo - Dearborn	Design and Phase I Projects	\$6,790,779	\$3,495,390	\$3,295,389
Track and Signal Improvement (2019 SOGR Grant)	Kalamazoo - Dearborn	Turnout Replacement and Equipment Improvements	\$2,809,818	\$756,818	\$2,053,000
Curve Modifications (2020 SOGR Grant)	Jackson - Ypsilanti	Curve Modifications	\$9,878,513	\$9,199,987	\$678,526
<b>Freight Lines Capital (Track/Bridge)</b>					
GLC - Bridge Repairs	Wexford County	Bridge Repairs Manistee River	\$740,000	\$0	\$740,000
GLC - Bridge Repairs	Petoskey	Bridge Repairs Bear Creek	\$177,000	\$0	\$177,000
GLC - Bridge Repairs	Clare County	Bridge Repairs Muskegon River	\$250,000	\$0	\$250,000
GLC - Bridge Design	Clare County	Bridge Design Muskegon River Structure Replacement	\$450,000	\$0	\$450,000
GLC - Bridge Design	Wexford County	Bridge Design Clam River Structure Replacement	\$300,000	\$0	\$300,000
IN - Bridge Design	Hillsdale County	Bridge Design Hallet Street Railroad Overpass	\$250,000	\$0	\$250,000
IN - Timber and Masonry Repairs	Hillsdale County	Timber and Masonry Repairs for Multiple Structures	\$200,000	\$0	\$200,000
IN - Tree Removal	Hillsdale County	Tree Removal	\$278,000	\$0	\$278,000
Bridge Inspections	Various Locations	Freight Bridge Loading Inspections	\$350,000	\$0	\$350,000
Quandel - Bridge Design Services	Various Locations	Additional Funding	\$46,169	\$0	\$46,169
Track Condition Analysis	Various Locations	Track Condition Analysis	\$250,000	\$0	\$250,000
<b>Freight Economic Development Program and Michigan Rail Enhancement Grant Program</b>					
Projects TBD	TBD		\$21,500,000	\$0	\$21,500,000
<b>Miscellaneous</b>					
Grand Rapids Station Track Inspection	Grand Rapids	Provide federally-required inspection services	\$36,400	\$0	\$36,400
Design and Analysis (Consultants)	Various		\$2,000,000	\$0	\$2,000,000
MDOT Staff Support	Various		\$265,000	\$0	\$265,000
Miscellaneous Small Projects	Various		\$17,000	\$0	\$17,000
Grant Match Assistance Commitments	Various		\$19,000,000	\$0	\$19,000,000
TBD Capital Improvements	Various		\$11,454,793	\$0	\$11,454,793

**FY 2024**

	Location	Project Description	Estimated Cost	Federal/Other	State
<b>Passenger Rail Operating</b>					
Amtrak Operating Assistance	Three Amtrak corridors	Provide federally-mandated operating assistance	\$33,100,000	\$0	\$33,100,000
Midwest States Equipment	Three Amtrak corridors	Michigan's share of multi-state equipment contract	\$500,000	\$0	\$500,000
<b>Kalamazoo-Dearborn Maintenance</b>					
Kalamazoo-Dearborn Maintenance	Kalamazoo to Dearborn	General maintenance/State of Good Repair activities	\$11,000,000	\$0	\$11,000,000
Insurance and Utilities	Kalamazoo to Dearborn	Property insurance and utilities	\$1,700,000	\$0	\$1,700,000
<b>Kalamazoo-Dearborn Capital (Track/Bridge/Signal)</b>					
Trespass Prevention (2020 CRISI Grant)	Kalamazoo to Dearborn	Install ROW fencing and pedestrian safety features at crossings	\$6,146,600	\$3,173,300	\$2,973,300
Curve Modifications (2020 SOGR Grant)	Jackson to Ypsilanti	Construction - Curve mods and one rail train	\$15,400,000	\$9,200,000	\$6,200,000
<b>Freight Lines Capital (Track/Bridge)</b>					
IN - Hallett Street Railroad Overpass Replacement	Hillsdale County	Replacement and Construction Engineering	\$5,150,000	\$0	\$5,150,000
GLC - Rail Improvements (2021 CRISI Grant)	Livingston and Shiawassee Counties	Bridge Design, PE, and Construction Four Structures	\$12,850,000	\$6,425,000	\$6,425,000
GLC - Rail Improvements (2021 CRISI Grant)	Washtenaw County	Replace Culvert B01-81047.54	\$1,060,000	\$530,000	\$530,000
GLC - Rail Improvements (2021 CRISI Grant)	Livingston and Shiawassee Counties	Construction design assistance for three Ann Arbor big bridge project	\$150,000	\$75,000	\$75,000
GLC - Rail Crop and Slide and Whitmore Lake Siding (2021 CRISI Grant)	Livingston and Washtenaw Counties	Crop and Slide - 12.3 miles + Upgrade siding rail from 70# to 90#	\$6,250,000	\$3,125,000	\$3,125,000
Consultant Contract	Various Locations	General Engineering Contract	\$1,000,000	\$0	\$1,000,000
<b>Freight Economic Development Program and Michigan Rail Enhancement Grant Program</b>					
Projects TBD	TBD		\$21,500,000	\$0	\$21,500,000
<b>Miscellaneous</b>					
Grand Rapids Station Track Inspection	Grand Rapids	Provide federally-required inspection services	\$36,400	\$0	\$36,400
Grant Match Assistance Commitments	Various		\$6,336,000	\$0	\$6,336,000

**FY 2025**

	Location	Project Description	Estimated Cost	Federal/Other	State
<b>Passenger Rail Operating</b>					
Amtrak Operating Assistance	Three Amtrak corridors	Provide federally-mandated operating assistance	\$33,100,000	\$0	\$33,100,000
Midwest States Equipment	Three Amtrak corridors	Michigan's share of multi-state equipment contract	\$500,000	\$0	\$500,000
<b>Kalamazoo-Dearborn Maintenance</b>					
Kalamazoo-Dearborn Maintenance	Kalamazoo to Dearborn	General maintenance/State of Good Repair activities	\$11,000,000	\$0	\$11,000,000
Insurance and Utilities	Kalamazoo to Dearborn	Property insurance and utilities	\$1,700,000	\$0	\$1,700,000
<b>Kalamazoo-Dearborn Capital (Track/Bridge/Signal)</b>					
Track/Bridge/Signal Projects	Various Locations	Various Locations	\$7,026,675	\$0	\$7,026,675
Trespass Prevention (2020 CRISI Grant)	Kalamazoo to Dearborn	Install ROW fencing and pedestrian safety features at crossings	\$6,146,650	\$3,173,325	\$2,973,325
<b>Freight Lines Capital (Track/Bridge)</b>					
Track/Bridge/Signal Projects	Various Locations	Various Locations	\$11,475,000	\$0	\$11,475,000
GLC - Rail Improvements (2021 CRISI Grant)	Livingston County	Crop and slide 10 miles rail	\$5,050,000	\$2,525,000	\$2,525,000
Consultant Contract	Various Locations	General Engineering Contract	\$1,000,000	\$0	\$1,000,000
<b>Freight Economic Development Program and Michigan Rail Enhancement Grant Program</b>					
Projects TBD	TBD		\$21,500,000	\$0	\$21,500,000
<b>Miscellaneous</b>					
Grand Rapids Station Track Inspection	Grand Rapids	Provide federally-required inspection services	\$36,400	\$0	\$36,400
Grant Match Assistance Commitments	Various		\$6,814,300	\$0	\$6,814,300

**FY 2026**

	Location	Project Description	Estimated Cost	Federal/Other	State
<b>Passenger Rail Operating</b>					
Amtrak Operating Assistance	Three Amtrak corridors	Provide federally-mandated operating assistance	\$33,100,000	\$0	\$33,100,000
Midwest States Equipment	Three Amtrak corridors	Michigan's share of multi-state equipment contract	\$500,000	\$0	\$500,000
<b>Kalamazoo-Dearborn Maintenance</b>					
Kalamazoo-Dearborn Maintenance	Kalamazoo to Dearborn	General maintenance/State of Good Repair activities	\$11,000,000	\$0	\$11,000,000
Insurance and Utilities	Kalamazoo to Dearborn	Property insurance and utilities	\$1,700,000	\$0	\$1,700,000
<b>Kalamazoo-Dearborn Capital (Track/Bridge/Signal)</b>					
Track/Bridge/Signal Projects	Various Locations	Various Locations	\$3,433,175	\$0	\$3,433,175
Trespass Prevention (2020 CRISI Grant)	Kalamazoo to Dearborn	Install ROW fencing and pedestrian safety features at crossings	\$6,146,650	\$3,173,325	\$2,973,325
Superstructure Replacement (New Grant Application)	Washtenaw County	Replace two superstructures AML 31.71 and AML 32.46	\$14,090,000	\$10,567,500	\$3,522,500
Cattle Pass Replacement (New Grant Application)	Jackson County	Culvert replacement AML 82.55	\$284,000	\$213,000	\$71,000
<b>Freight Lines Capital (Track/Bridge)</b>					
Track/Bridge/Signal Projects	Various Locations	Various Locations	\$11,800,000	\$0	\$11,800,000
GLC - Rail Improvements (2021 CRISI Grant)	Livingston	Crop and slide 10 miles rail	\$4,400,000	\$2,200,000	\$2,200,000
Consultant Contract	Various Locations	General Engineering Contract	\$1,000,000	\$0	\$1,000,000
<b>Freight Economic Development Program and Michigan Rail Enhancement Grant Program</b>					
Projects TBD	TBD		\$21,500,000	\$0	\$21,500,000
<b>Miscellaneous</b>					
Grand Rapids Station Track Inspection	Grand Rapids	Provide federally-required inspection services	\$36,400	\$0	\$36,400
Grant Match Assistance Commitments	Various		\$6,814,300	\$0	\$6,814,300

**FY 2027**

	Location	Project Description	Estimated Cost	Federal/Other	State
<b>Passenger Rail Operating</b>					
Amtrak Operating Assistance	Three Amtrak corridors	Provide federally-mandated operating assistance	\$33,100,000	\$0	\$33,100,000
Midwest States Equipment	Three Amtrak corridors	Michigan's share of multi-state equipment contract	\$500,000	\$0	\$500,000
<b>Kalamazoo-Dearborn Maintenance</b>					
Kalamazoo-Dearborn Maintenance	Kalamazoo to Dearborn	General maintenance/State of Good Repair activities	\$11,000,000	\$0	\$11,000,000
Insurance and Utilities	Kalamazoo to Dearborn	Property insurance and utilities	\$1,700,000	\$0	\$1,700,000
<b>Kalamazoo-Dearborn Capital (Track/Bridge/Signal)</b>					
Track/Bridge/Signal Projects	Various Locations	Various Locations	\$7,026,675	\$0	\$7,026,675
Trespass Prevention (2020 CRISI Grant)	Kalamazoo to Dearborn	Install ROW fencing and pedestrian safety features at crossings	\$6,146,650	\$3,173,325	\$2,973,325
<b>Freight Lines Capital (Track/Bridge)</b>					
Track/Bridge/Signal Projects	Various Locations	Various Locations	\$10,825,000	\$0	\$10,825,000
GLC - Bridge Replacement (2021 CRISI Grant)	Livingston County	Super- sub- structure repair and full paint - X01-47062	\$1,500,000	\$750,000	\$750,000
GLC - Rail Improvements (2021 CRISI Grant)	Livingston and Shiawassee Counties	Crop and slide 10 miles rail	\$4,850,000	\$2,425,000	\$2,425,000
Consultant Contract	Various Locations	General Engineering Contract	\$1,000,000	\$0	\$1,000,000
<b>Freight Economic Development Program and Michigan Rail Enhancement Grant Program</b>					
Projects TBD	TBD		\$21,500,000	\$0	\$21,500,000
<b>Miscellaneous</b>					
Grand Rapids Station Track Inspection	Grand Rapids	Provide federally-required inspection services	\$36,400	\$0	\$36,400
Grant Match Assistance Commitments	Various		\$6,814,300	\$0	\$6,814,300

Freight Corridors Operated by: GLC - Great Lakes Central H&E - Huron and Eastern IN - Indiana Northeastern
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