



Introduction

FY 2025 Appropriation Language -- PA 121 of 2024 Section 311

(1) The department shall prepare a report on all of the following:

- (a) CRRSAA – highway infrastructure – local bridge bundling initiative established in section 113(2) of article 14 of 2021 PA 87.
- (b) Local bridge bundling initiative established in section 118 of article 15 of 2023 PA 119.

(2) The report must identify the status of bridge projects selected, funds expended under the program, and funds remaining.

(3) The report shall be submitted to the standard report recipients on or before March 30, 2025

Michigan's Local Agency Bridge Bundle program was developed in response to an emerging crisis – the need to address deteriorating local bridge conditions in Michigan. The program is being implemented by the Michigan Department of Transportation (MDOT) in collaboration with the local agency bridge owners to help reduce the number of closed, serious, or critical bridges on the local system and bring them to a state of good repair, for an end goal of zero critical bridges in Michigan.

Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA) funds were appropriated for the program in 2021 in the amount of approximately \$196 million, with all funds required to be obligated by September 2024 and expended by September 30, 2029.

In 2023, the Michigan State Legislature appropriated approximately \$80 million in funding for Phase III of the Bridge Bundle program. Additionally, MDOT was notified in October 2024 that the Michigan Urban Bridges Revitalization Project was awarded \$34.2 million in federal Bridge Investment Program (BIP) grant funding. This project has been rebranded as the Expanded Phase III Bridge Bundle.

Background

Legislative Action

The CRRSAA funding used for bridge bundle construction prioritized bridges based on the following:

- a) Locally owned vehicle bridges currently closed to traffic.
- b) Locally owned vehicle bridges currently posted or restricted from Michigan Legal Loads.
- c) Locally owned vehicle bridges in need of rehabilitation or replacement as rated by Regional Bridge Councils (RBCs) to ensure citizen safety or unimpeded commercial traffic.

This allocation allows MDOT and local agencies to continue their partnership on the program. Without the local bridge bundling initiative, this work would have taken many years to construct due to limited funding and resources.



Program Progress

Phase II

Phase II of the Bridge Bundle program is utilizing CRRSAA funds in the amount of approximately \$196 million. Fifty-seven (57) bridges were accepted for inclusion in the program for rehabilitation, replacement, or permanent removal. Two additional bridges were approved for early preliminary engineering (EPE) and preliminary engineering (PE) only based on the prioritization criteria and available funding. In June 2023 Federal Debt Ceiling negotiations resulted in CRRSAA funds not obligated by June 3, 2023 being subject to rescission by the Federal government. To address this risk, MDOT worked with the Federal Highway Administration (FHWA) to implement a funding preservation strategy to shift the funding that was not able to be obligated for construction to instead be obligated as part of an overall EPE phase to continue program development activities. MDOT’s funding preservation strategy for EPE allows for the continued development of the remaining program bridges for design plans, environmental clearance, agreement development and right-of-way document preparation. This development continues seamlessly and prepares the bridges for a future construction phase as funding becomes available. As a result of the Federal Debt Ceiling negotiations, the construction phase of 45 bridges planned for construction in Phase II were deferred to a potential future bridge bundling phase leaving 12 remaining in Phase II. The EPE activities are continuing for all structures, pending available construction funding.

The 12 bridges include in revised Phase II bridge bundles (after rescission) are shown in Table 1 below, with the milestone delivery schedules for the bridge bundle packages shown in Tables 2 and 3. Please see the *Phase II Bridge Bundles* map for the bridge locations.

Table 1: Revised Phase II Bridge Bundles

BRIDGE BUNDLE	NUMBER OF BRIDGES	SCOPE OF WORK	GEOGRAPHIC AREA	DELIVERY METHOD	ESTIMATED COST
PHASE II CRRSAA BUNDLE SUMMARY					
PERMANENT REMOVAL	5	Bridge Removals	Statewide (UP, Central, West, East)	Design Bid Build	\$1.4M
NORTH/UPPER	5	Bridge Replacements	North/UP	Design Build	\$11.7M
MILLER & ROTUNDA BRIDGES	2	Bridge Replacements	Single Location	Design Bid Build	\$54.6M
PHASE II TOTAL	12				



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Table 2: Phase II – Completed Construction Bridge Bundles

STRUCTURE NO.	ROAD NAME	COUNTY LOCATION	START DATE	COMPLETION DATE
PERMANENT REMOVAL BUNDLE				
2761	Lillie Road	Genesee County	7/10/2023	9/29/2023
3627	Grassmere Road	Huron County	1/3/2023	5/26/2023
8528	Old M-28	Ontonagon County	7/31/2023	10/15/2023
8535	Larson Road	Ontonagon County	7/31/2023	10/15/2023
12968	Roosevelt Road	Oceana County	12/19/2022	5/19/2023
NORTH/UPPER BUNDLE				
767	Reynolds Road	Benzie County	8/19/2024	12/17/2024
5913	County Road 501	Luce County	4/29/2024	9/24/2024
7050	Dorr Road	Missaukee County	8/26/2024	11/15/2024

Table 3: Phase II – Planned/Under Construction Bridge Bundles

STRUCTURE NO.	ROAD NAME	COUNTY LOCATION	SCHEDULED START	ANTICIPATED COMPLETION DATE
NORTH/UPPER BUNDLE				
6596	Jad Road (Old M-41)	Marquette County	4/18/2025	10/15/2025
8987	Shubert Highway	Presque Isle County	5/12/2025	10/9/2025
MILLER & ROTUNDA BRIDGES				
12239	Miller Road	Wayne County	11/20/2023	6/26/2026
12053	Rotunda Drive	Wayne County	11/20/2023	6/26/2026

Phase III

Phase III of the Local Bridge Bundling Program utilizes approximately \$80 million of funding allocated through the FY 2024 Budget for construction, which is in addition to the CRRSAA funding for planning/design. MDOT has developed bridge bundles following the criteria specified in the legislative appropriation to ensure these bridges can be delivered. The legislative requirements for Phase III funding guiding bridge bundle development include:

- (1) locally owned bridges that have previously been considered for funding under the MDOT local bridge program.
- (2) the nature of the need and geographic dispersal throughout the state; and
- (3) the difficulty that a local government would have in funding the local bridge project themselves.

MDOT prioritized bridges that were deferred from construction in Phase II due to the recession



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and that met the criteria in the legislation. Phase III-funded bundles exclusively include bridges that were deferred from Phase II plus grant bridges that are part of the Expanded Phase III Bundle discussed in the following section. The 26 bridges included in Phase III bridge bundles are listed below and shown in the *Phase III Bridge Bundles* map. The bridge bundles are geographically clustered, with planned delivery schedules considering the time needed to complete required design and permitting.

Development activities undertaken during this reporting period were field surveying, conceptual design of project plans, structure studies, utility coordination, right-of-way coordination, environmental permitting coordination and environmental clearance activities, including coordination on the potential historic bridges within the phase. Opportunities to preserve some of these historically significant bridges will be coordinated with the local agency bridge owners, State Historic Preservation Office (SHPO) and the FHWA. In addition, MDOT/Program Manager Consultant (PMC) teams performed bridge screening and scoping activities in support of the additional bridges being constructed as part of federal discretionary grant opportunities.

Awarded Federal Discretionary Grant Opportunity

MDOT/PMCs screened the Phase III bridges as well as the top scoring bridges from previous Local Bridge Program applications to evaluate candidates likely to score favorably in the USDOT’s Bridge Investment Program (BIP) federal grant opportunity. In 2023-2024, MDOT worked with local agency bridge owners to develop two USDOT BIP grant applications for both Urban and Rural Bridge Bundle Projects statewide. MDOT was notified in October 2024 that the Michigan Urban Bridges Revitalization Project (Urban Bridge Bundle) was awarded \$34.2M in grant funding and expands the bundling program by funding 5 additional bridges. This project has been rebranded as the Expanded Phase III Bridge Bundle.

A Phase III funding summary is shown in Table 4. The Phase III bridge bundles consisting of 26 bridges and their milestone delivery schedules are shown in Tables 5 and 6 below.

Table 4: Phase III Funding Summary

PHASE III FUNDING SUMMARY		
	TOTAL	% OF TOTAL
FISCAL YEAR 2024 APPROPRIATION	\$ 80,000,000	
PROGRAMMED & PLANNED COSTS*	\$ 74,800,000	93.5%
FUNDS EXPENDED TO DATE (MARCH 2025)	\$ 6,700,000	8.4%
REMAINING FUNDS	\$ 5,200,000	6.5%

* Does not include \$600,000 in Federal Emergency Relief (ER) funds for Structure (STR) 4132 or awarded Federal BIP grant funds. Includes \$9,000,000 in planned bridge construction work not yet programmed.



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Table 5: Phase III – Bridge Bundle Summary and Completed Construction Bridge

BRIDGE BUNDLE	NUMBER OF BRIDGES	SCOPE OF WORK	GEOGRAPHIC AREA	DELIVERY METHOD	YEAR	ESTIMATED COST
PHASE III BUNDLE SUMMARY						
ALABASTER ROAD	1	Bridge Replacement	Single Location	Design Bid Build	FY 2024	\$2.4M*
GRAND/SOUTHWEST	2	Bridge Replacements	Grand/Southwest	Design Bid Build	FY 2025	\$4.1M
HAZE ROAD PERMANENT REMOVAL	1	Bridge Removal	Single Location	Design Bid Build	FY 2025	\$0.2M
UNIVERSITY/SOUTHWEST	5	Bridge Replacements	University/Southwest	Design Bid Build	FY 2025	\$11.0M
BAY	5	Bridge Replacements	Bay	Design Bid Build	FY 2026	\$16.7M
EXPANDED PHASE III (URBAN)	7	Bridge Replacements Superstructure Replacement	Statewide	Design Build	FY 2026	\$42.8M**
RURAL	5	Bridge Replacements	Statewide	Design Build	FY 2026	\$23.0M
PHASE III TOTAL	26					
COMPLETED CONSTRUCTION BRIDGE BUNDLE						
ALABASTER ROAD	Iosco County		Structure 4132	Start: 2/21/2024	Completion: 11/13/2024	

* Includes Federal ER funding

** Includes \$34.2M in BIP grant funding

Table 6: Phase III – Bridge Bundles

STRUCTURE NO.	OWNER	FACILITY CARRIED	FEATURE INTERSECTED	SCOPE OF WORK	ESTIMATED COST
ALABASTER ROAD					
4132	IOSCO COUNTY	ALABASTER ROAD	WHITNEY CREEK	Bridge Replacement	\$2,400,000*
GRAND/SOUTHWEST BUNDLE					
204	ALLEGAN COUNTY	16TH STREET	MILLER CREEK	Bridge Replacement	\$1,900,000
8870	OTTAWA COUNTY	32ND AVENUE	N BR CROCKERY CREEK	Bridge Replacement	\$2,200,000
HAZE ROAD PERMANENT REMOVAL					
772	BENZIE COUNTY	HAZE ROAD	BETSIE RIVER	Permanent Removal	\$200,000

* Includes Federal ER funding



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Table 6 (continued): Phase III – Bridge Bundles

STRUCTURE NO.	OWNER	FACILITY CARRIED	FEATURE INTERSECTED	SCOPE OF WORK	ESTIMATED COST
UNIVERSITY/SOUTHWEST BUNDLE					
1109	BRANCH COUNTY	CENTRAL ROAD	COLDWATER RIVER	Bridge Replacement	\$2,400,000
4526	JACKSON COUNTY	HANOVER ROAD	S BR KALAMAZOO RIVER	Bridge Replacement	\$2,200,000
5612	LENAWEE COUNTY	TOWNLIN HWY	WOLF CREEK	Bridge Replacement	\$2,500,000
5861	LIVINGSTON COUNTY	MCCABE ROAD	HURON RIVER	Bridge Replacement	\$2,000,000
7254	MONROE COUNTY	LENAWEE CO LINE ROAD	MILAN-MACON DRAIN	Bridge Replacement	\$1,900,000
BAY BUNDLE					
688	BAY COUNTY	ERICKSON ROAD	N BR KAWKAWLIN RIVER	Bridge Replacement	\$2,800,000
2830	CITY OF FLINT	W SECOND STREET	SWARTZ CREEK	Bridge Replacement	\$6,700,000
3600	HURON COUNTY	HARTSELL ROAD	E BR PIGEON RIVER	Bridge Replacement	\$2,200,000
5470	LAPEER COUNTY	SQUAW CREEK ROAD	SQUAW CREEK DRAIN	Bridge Replacement	\$2,700,000
9287	SAGINAW COUNTY	WADSWORTH ROAD	UNCLE HENRY DRAIN	Bridge Replacement	\$2,300,000
EXPANDED PHASE III (URBAN) BUNDLE					
8144	OAKLAND COUNTY	SASHABAW ROAD	CLINTON RIVER	Bridge Replacement	\$3,600,000
8941	CITY OF FERRYSBURG	W SPRING LAKE ROAD	SMITH BAYOU	Superstructure Replacement	\$14,100,000
678**	BAY COUNTY	FRASER STREET	KAWKAWLIN RIVER	Bridge Replacement	\$6,700,000
3936**	CITY OF LANSING	E ELM STREET	RED CEDAR RIVER	Bridge Replacement	\$7,600,000
10982**	WASHTENAW COUNTY	PLYMOUTH ROAD	FLEMMING CREEK	Bridge Replacement	\$2,700,000
12107**	WAYNE COUNTY	BECK ROAD	JOHNSON DRAIN	Bridge Replacement	\$3,600,000
12498**	CITY OF LINCOLN PARK	HARRISON STREET	S BR ECORSE RIVER	Bridge Replacement	\$4,500,000
RURAL BUNDLE					
1326	CALHOUN COUNTY	OLD-27	ST JOSEPH RIVER	Bridge Replacement	\$8,500,000
5547	LENAWEE COUNTY	MULBERRY ROAD	BEAN CREEK	Bridge Replacement	\$3,000,000
5650	LENAWEE COUNTY	DILLON HWY	BEAN CREEK	Bridge Replacement	\$2,800,000
6357	MACOMB COUNTY	25 MILE ROAD	NORTH BR CLINTON RIVER	Bridge Replacement	\$5,500,000
8939	CITY OF COOPERSVILLE	GROVE STREET	DEER CREEK	Bridge Replacement	\$3,200,000

** Funded by BIP grant award



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Pending Federal Discretionary Grant Opportunity

The Michigan Rural Bridges Renewal Project (Rural Bridge Bundle) grant application, which was unsuccessful for a FY 2024 award, was updated and re-submitted in October 2024 for FY 2025 funds. Phase III-funded bridges were included in a Rural Bundle for the required state-matching dollars so that the Phase III investment could be leveraged for an additional \$72M with 17 more bridges in the Rural Bundle. The local owners of these bridges were notified of the potential grant opportunity for them, but that the selection is not guaranteed and inclusion in a grant application should not deter them from seeking funding for the bridges through their normal processes, and this was communicated to the owners. The grant application and EPE activities for the potential additional bridges is using the Phase II CRRSAA EPE funding.

The additional 17 possible bridges included in the Michigan Rural Bridges Renewal Project are shown in Table 7 below. Please see the *Rural BIP Bridge Bundle* map for the bridge locations.

Table 7: Possible Rural BIP Bridges

STRUCTURE NO.	OWNER	FACILITY CARRIED	FEATURE INTERSECTED	SCOPE OF WORK	YEAR	ESTIMATED COST
29	Alcona County	Cruzen Road	S BR Pine River	Superstructure Replacement	TBD	\$3,800,000
372	Bellaire Village	Cayuga Street	Intermediate River	Superstructure Replacement	TBD	\$5,100,000
476	Arenac County	Mackinaw Road	Augres River	Replacement	TBD	\$4,200,000
1149	Branch County	Log Road	South BR Swan Creek	Replacement	TBD	\$2,800,000
1329	Calhoun County	Old-27	Indian Creek	Replacement	TBD	\$2,500,000
1531	Cheboygan County	Orchard Beach	Black River	Superstructure Replacement	TBD	\$8,200,000
2902	Gladwin County	Highwood Road	Tittabawasee River	Superstructure Replacement	TBD	\$3,800,000
3212	Gratiot County	McClelland Road	Beaver Creek Drain	Replacement	TBD	\$2,400,000



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Table 7 (continued): Possible Rural BIP Bridges

STRUCTURE NO.	OWNER	FACILITY CARRIED	FEATURE INTERSECTED	SCOPE OF WORK	YEAR	ESTIMATED COST
3876	Ingham County	Hagadorn Road	Mud Creek	Replacement	TBD	\$2,800,000
4285	Isabella County	Airline Road	S BR Chippewa River	Replacement	TBD	\$2,800,000
4288	Isabella County	Rosebush Road	N BR Salt River	Replacement	TBD	\$5,200,000
5814	Livingston County	Mason Road	Red Cedar River Imp. Drain	Replacement	TBD	\$2,000,000
6671	Mason County	Wilson Road	S BR Pere Marquette River	Replacement	TBD	\$3,300,000
6972	Midland County	Tittabawasee Road	Weeks Drain	Replacement	TBD	\$2,600,000
8665	Oscoda County	Camp Ten Road	Au Sable River	Superstructure Replacement	TBD	\$10,300,000
10968	Washtenaw County	Willis Road	Paint Creek	Replacement	TBD	\$3,000,000
14403	Isabella County	Vernon Road	Sharps Creek	Replacement	TBD	\$2,200,000
RURAL BIP TOTAL - 17 BRIDGES						

The remaining 25 Phase II deferred bridges currently in project development as potential options for future phases or for delivery by the local owners are shown below in Table 8. Please see the *Potential Future Candidates - Currently in Project Development* map below for these bridge locations.



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Table 8: Potential Future Candidates – Currently in Project Development

STRUCTURE NO.	OWNER	FACILITY CARRIED	FEATURE INTERSECTED	SCOPE OF WORK	YEAR	ESTIMATED COST
18	Alcona County	Lakeshore Drive	Black River	Replacement	TBD	\$4,200,000
68	Alger County	Woodland Road	Au Train River	Permanent Removal	TBD	\$600,000
73	Alger County	Kivamaki Road	Whitefish River	Replacement	TBD	\$1,500,000
454	Arenac County	Noggle Road	Big Creek A Drain	Replacement	TBD	\$1,600,000
464	Arenac County	Ostrander Road	Big Creek A Drain	Replacement	TBD	\$1,200,000
730	Bay County	Eight Mile Road	N Br Kawkawlin River	Replacement	TBD	\$3,800,000
741	Bay County	Fraser Road	Pinconning River	Replacement	TBD	\$2,000,000
1179	Branch County	Gower Road	Coldwater River	Permanent Removal	TBD	\$400,000
1328	Calhoun County	Old-27	State and Indian Creek	Replacement	TBD	\$3,000,000
2816	Genesee County	Webster Road	Pine Run	RBC Recommended Replacement	TBD	\$1,900,000
2998	Gogebic County	Copps Mine Road	Presque Isle River	Permanent Removal	TBD	\$400,000
4541	City of Jackson	East Ganson Street	Grand River	EPE/PE Only	N/A	\$0
5423	Lapeer County	Bohms Road	Madison Drain	Replacement	TBD	\$2,500,000
5548	Lenawee County	Mulberry Road	Nile Creek	Replacement	TBD	\$1,800,000



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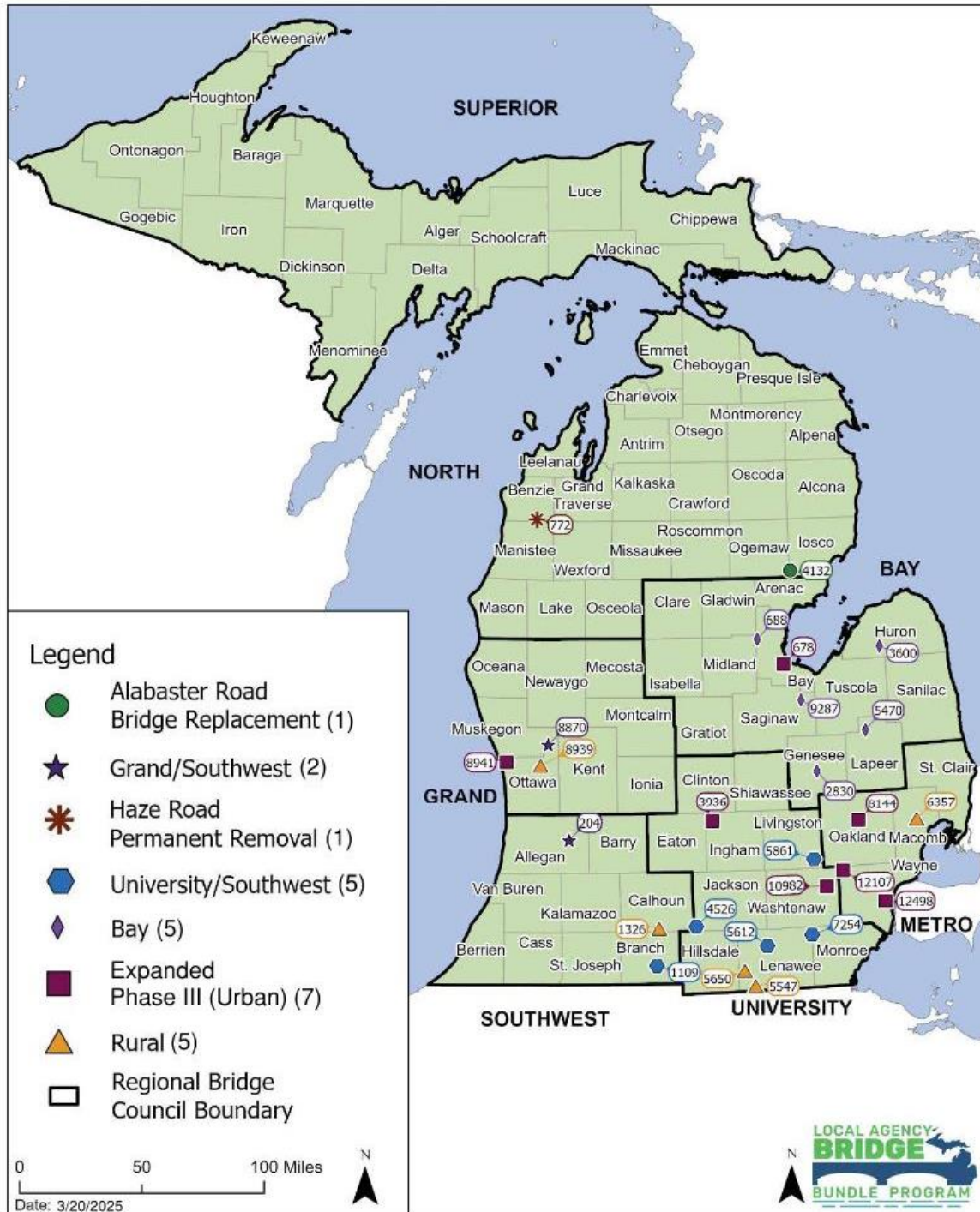
Table 8 (continued): Potential Future Candidates – Currently in Project Development

STRUCTURE NO.	OWNER	FACILITY CARRIED	FEATURE INTERSECTED	SCOPE OF WORK	YEAR	ESTIMATED COST
6266	Macomb County	North Avenue	Grand River	EPE/PE Only	N/A	\$0
7368	Monroe County	Day Road	Saline River	Permanent Removal	TBD	\$3,200,000
7377	Monroe County	N County Line Road	North Macon Creek	Replacement	TBD	\$1,900,000
7700	City of Muskegon	Ottawa Street	S Br Muskegon River	Permanent Removal	TBD	\$600,000
8402	Oceana County	88th Avenue	N Br Pentwater River	Permanent Removal	TBD	\$400,000
8994	Presque Isle County	638 Highway	Little Trout River	RBC Recommended Permanent Removal	TBD	\$300,000
9281	Saginaw County	Bueche Road	Pattie Creek	Replacement	TBD	\$3,800,000
10655	Tuscola County	Oak Road	Gooding Creek	Replacement	TBD	\$1,600,000
10987	Washtenaw County	Dexter-Chelsea Road	Letts (Mill) Creek	Superstructure Replacement	TBD	\$1,700,000
12302	Wayne County	Streicher Road	Silver Creek	Replacement	TBD	\$2,700,000
14318	Macomb County	28 Mile Road	Deer Creek	Replacement	TBD	\$300,000
POTENTIAL FUTURE CANDIDATES TOTAL - 25 BRIDGES						

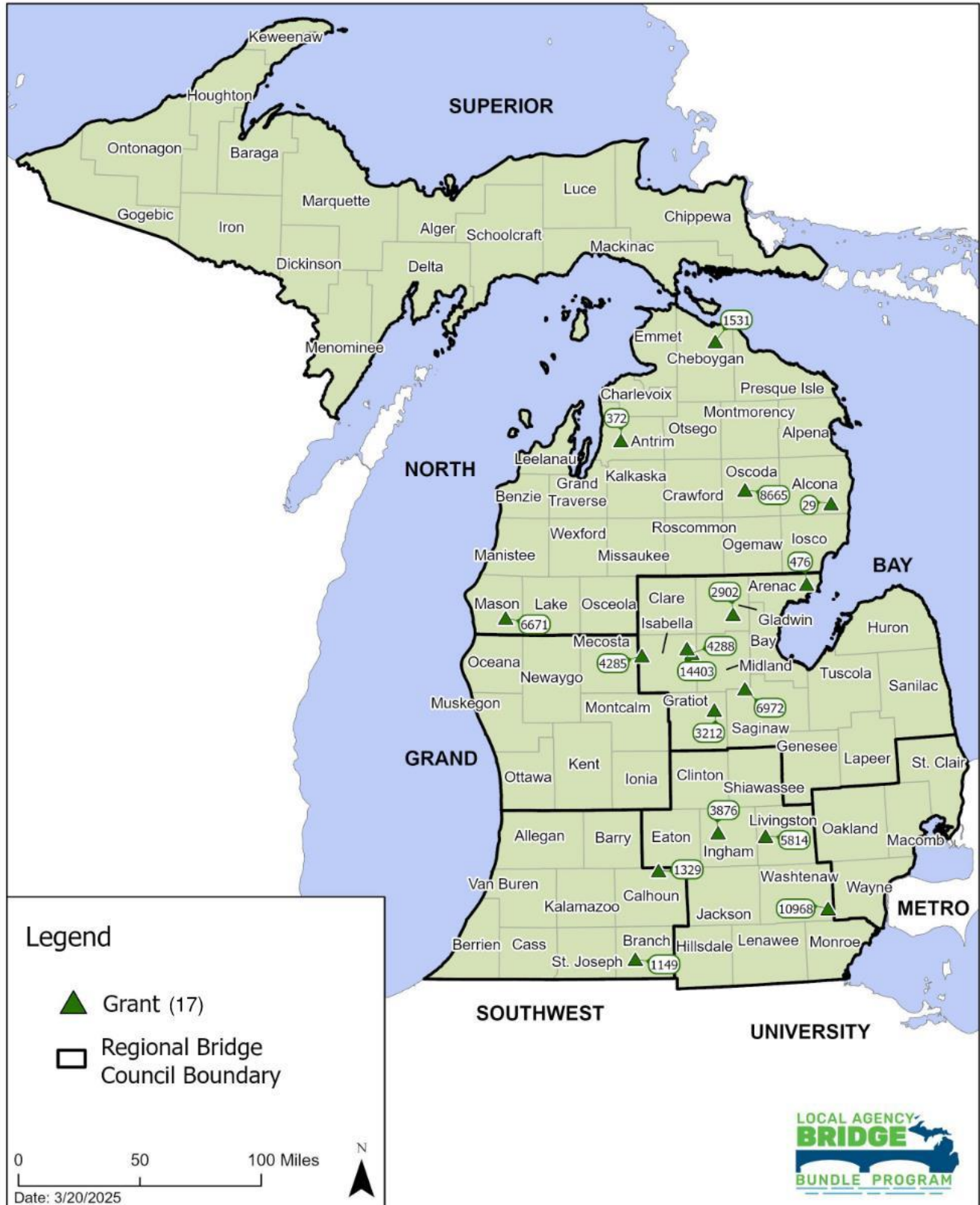
PHASE II BRIDGE BUNDLES



PHASE III BRIDGE BUNDLES



RURAL BIP BRIDGE BUNDLE



POTENTIAL FUTURE CANDIDATES - CURRENTLY IN PROJECT DEVELOPMENT

