



PA 119 of 2023 Section 311 Legislative Report MDOT/Local Agency Bridge Bundling Program

Introduction

FY 2024 Appropriation Language – PA 119 of 2023, Section 311

“On or before March 30, 2024, the department shall provide a progress report on the CRRSSA – highway infrastructure – local bridge bundling initiative established in section 113(2) of article 14 of 2021 PA 87, to the senate and house transportation appropriations subcommittees, the state budget director, and the senate and house fiscal agencies.”

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 originally appropriated for the program in the amount of \$196 million, with all funds required to be obligated by September 2024 and expended by September 30, 2029.

Background

Legislative Action

Funding was prioritized 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 the local agencies to continue to work together and build upon the success of the pilot bundle project launched in 2020, which included improvements to 19 local agency bridges with superstructure replacements for 14 local agencies statewide that normally would take many years to construct due to limited funding and resources. This allocation also enabled full replacement of a structure in Wayne County under a separate contract.

Program Progress

Phase II - CRRSAA – Construction Underway

Phase II of the Bridge Bundle program is utilizing CRRSAA funds in the amount of \$196 million. Fifty-seven bridges were accepted for inclusion in the program for rehabilitation, replacement, or permanent removal. Two additional bridges were approved for early preliminary engineering and final design 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 Federal Highway Administration (FHWA) to implement a funding preservation strategy to shift the funding that was not able to be obligated for construction, and instead to be obligated as part of an overall early preliminary engineering (EPE) phase to continue program development activities. As a result, 24 bridges planned for construction in Phase II were deferred to a potential future bridge bundling phase if funding becomes available for construction.

The revised Phase II CRRSAA bridge bundles (after rescission) are shown in Table 2 below, with the milestone delivery schedules for the bridge bundle packages shown in Tables 3 and 4.



**PA 119 of 2023 Section 311 Legislative Report
MDOT/Local Agency Bridge Bundling Program**

Please see the *Phase II CRRSAA Bridge Bundles* map for the bridge locations.

Table 2: Revised Phase II CRRSAA Bridge Bundles

BRIDGE BUNDLE	NUMBER OF BRIDGES	SCOPE OF WORK	GEOGRAPHIC AREA	DELIVERY METHOD	ESTIMATED COST
PHASE II CRRSAA BUNDLE SUMMARY					
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	2	Bridge Replacements	Single Location	Design Bid Build	\$54.6M

Table 3: Phase II CRRSAA – Completed Construction Bridge Bundles

STRUCTURE NO.	ROAD NAME	COUNTY LOCATION	START DATE	COMPLETION DATE
REMOVAL BUNDLE				
2761	Lillie Road	Genesee County	7/10/2023	9/29/2023
3627	Grassmere Road	Huron County	1/3/2023	5/26/2023
12968	Roosevelt Road	Oceana County	12/19/2022	5/19/2023
8528	Old M-28	Ontonagon County	7/31/2023	10/15/2023
8535	Larson Road	Ontonagon County	7/31/2023	10/15/2023

Table 4: Phase II CRRSAA – Planned/Under Construction Bridge Bundles

STRUCTURE NO.	ROAD NAME	COUNTY LOCATION	SCHEDULED START	ANTICIPATED COMPLETION DATE
NORTH/UPPER BUNDLE				
767	Reynolds Road	Benzie County	5/1/2024	11/15/2024
5913	County Road 501	Luce County	5/1/2024	11/15/2025
6596	Jad Road (Old M-41)	Marquette County	5/1/2024	11/15/2025
7050	Dorr Road	Missaukee County	5/1/2024	11/15/2025
8987	Shubert Highway	Presque Isle County	5/15/2024	11/15/2025
MILLER & ROTUNDA BRIDGES				
12239	Miller Road	Wayne County	12/4/2023	6/26/2026
12053	Rotunda Drive	Wayne County	12/4/2023	6/26/2026

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.



PA 119 of 2023 Section 311 Legislative Report MDOT/Local Agency Bridge Bundling Program

Phase III – FY 24 Funding – Early Preliminary Engineering Underway

Phase III of the Local Bridge Bundling Program utilizes \$80 Million of funding allocated within the FY24 Budget for construction which is in addition to the CRRSAA funding for EPE activities. MDOT has developed bridge bundles following the criteria specified in the legislative appropriation to ensure these bridges can be delivered. The legislative requirements of the Phase III funding guiding the 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 CRRSAA due to the recession and that met the criteria in the legislation. Phase III funded bridges exclusively include bridges that were deferred from Phase II CRRSAA. The 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 Federal Highway Administration. In addition, MDOT/Program Project Manager Consultant PMC teams performed bridge screening and scoping activities in support of the additional bridges being submitted as part of the Federal Discretionary Grant Opportunity.

The Phase III bridge bundles are shown in Tables 5 and 6.

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 for candidates likely to score favorably in the USDOT's Bridge Investment Program (BIP) grant opportunity. By using the Urban and Rural Bundles selected from the Phase III funded projects as matching dollars, MDOT has identified two grant submissions for the BIP grant opportunity. If the grant applications are successful, the Phase III investment could be leveraged for an additional \$34M for five more bridges or \$72M for 17 more bridges. The 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. The Notice of Funding Opportunity (NOFO) for the not-large BIP grant has been released, with applications due in March 2024. The grant application and EPE activities for the potential additional bridges is using the Phase II CRRSAA EPE funding.

The remaining Phase II deferred bridges currently in project development as potential options for future phases or for delivery by the owner are shown in Table 7. Please see the *Bridges Currently in Project Development* map below for these bridge locations.



**PA 119 of 2023 Section 311 Legislative Report
MDOT/Local Agency Bridge Bundling Program**

Table 5: Phase III – Bridge Bundle Summary

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 2024	\$4.8M
HAZE ROAD PERMANENT REMOVAL	1	Bridge Removal	Single Location	Design Bid Build	FY 2024	\$0.4M
UNIVERSITY/SOUTHWEST	5	Bridge Replacements	University/Southwest	Design Bid Build	FY 2025	\$13.0M
BAY	5	Bridge Replacements	Bay	Design Bid Build	FY 2026	\$16.7M
URBAN	2	Bridge Replacement Superstructure Replacement	Statewide	Design Build	FY 2026	\$17.7M
RURAL	5	Bridge Replacements	Statewide	Design Build	FY 2026	\$23.0M

* Includes Federal ER 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	\$1,800,000
8870	OTTAWA COUNTY	32ND AVENUE	N BR CROCKERY CREEK	Bridge Replacement	\$3,000,000
HAZE ROAD PERMANENT REMOVAL					
772	BENZIE COUNTY	HAZE ROAD	BETSIE RIVER	Permanent Removal	\$400,000

* Includes Federal ER funding



**PA 119 of 2023 Section 311 Legislative Report
MDOT/Local Agency Bridge Bundling Program**

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	\$2,000,000
4526	JACKSON COUNTY	HANOVER ROAD	S BR KALAMAZOO RIVER	Bridge Replacement	\$2,100,000
5612	LENAWEE COUNTY	TOWNLINE HWY	WOLF CREEK	Bridge Replacement	\$2,100,000
5861	LIVINGSTON COUNTY	MCCABE ROAD	HURON RIVER	Bridge Replacement	\$4,900,000
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
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
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



**PA 119 of 2023 Section 311 Legislative Report
MDOT/Local Agency Bridge Bundling Program**

Table 7: 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

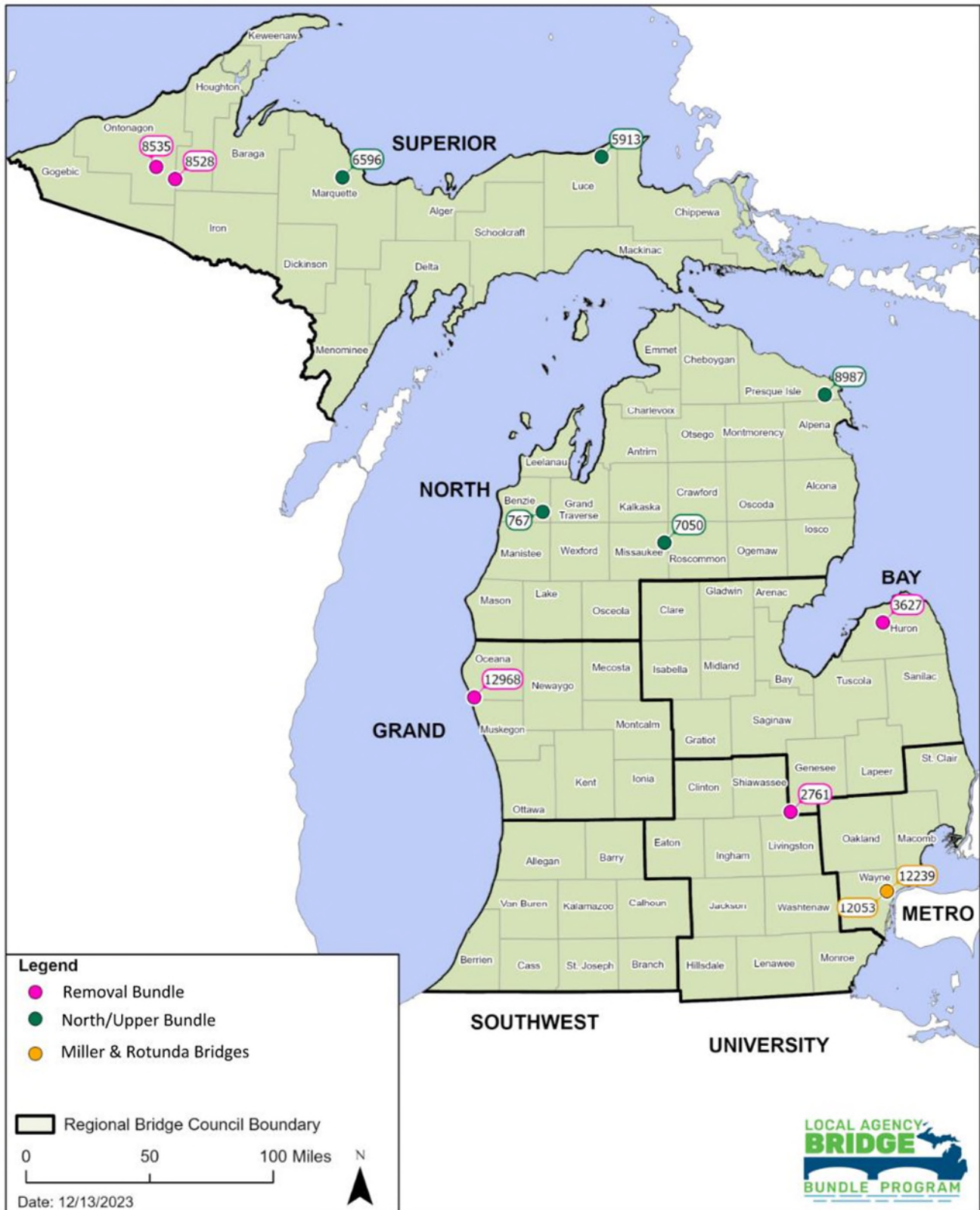


**PA 119 of 2023 Section 311 Legislative Report
MDOT/Local Agency Bridge Bundling Program**

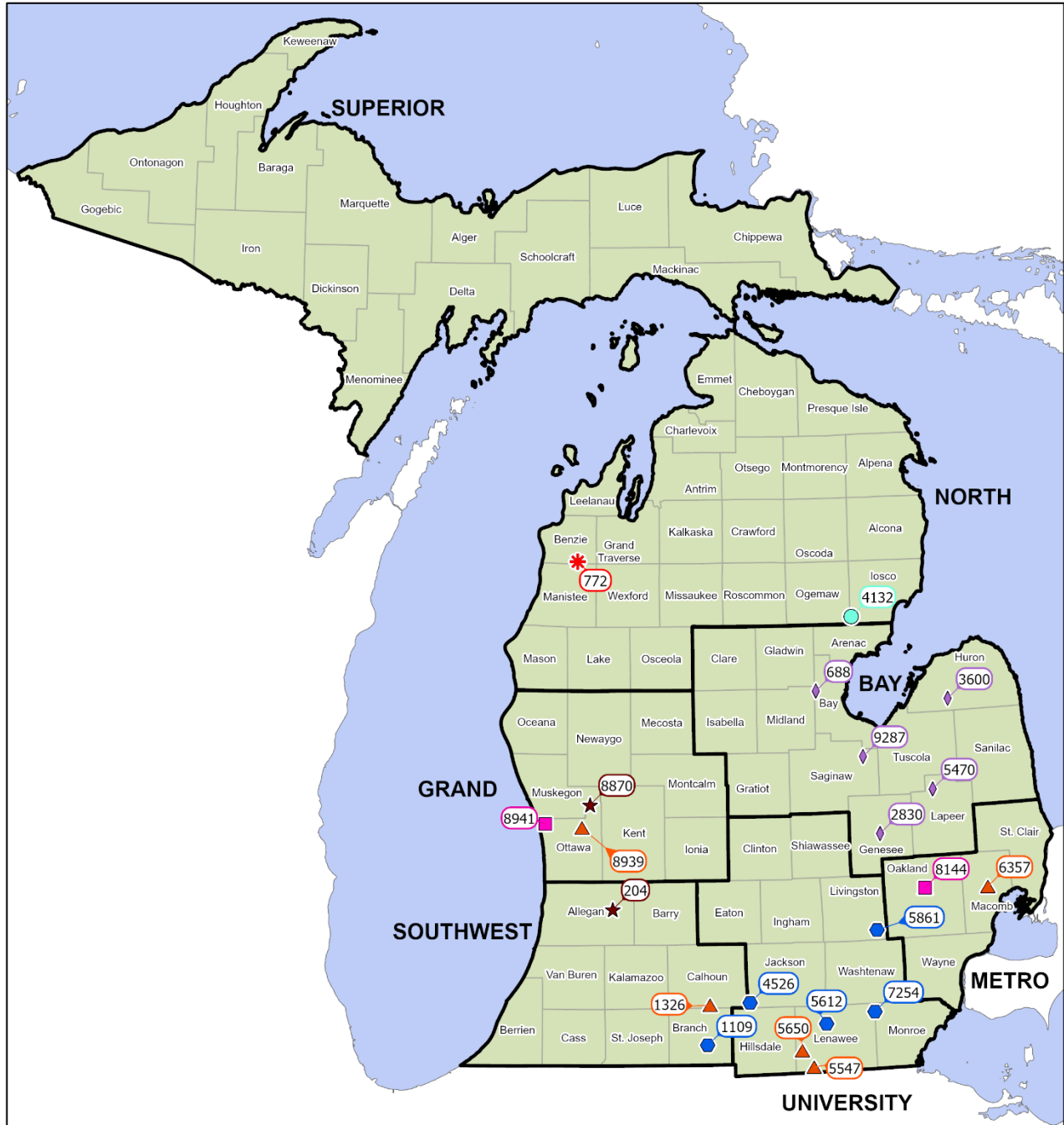
Table 7 (continued): Potential Future Candidates – Currently in Project Development

STRUCTURE NO.	OWNER	FACILITY CARRIED	FEATURE INTERSECTED	SCOPE OF WORK	YEAR	ESTIMATED COST
5548	Lenawee County	Mulberry Road	Nile Creek	Replacement	TBD	\$1,800,000
5893	Livingston County	Bowdish Road	Unnamed Creek	Replacement	TBD	\$2,200,000
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	\$1,700,000
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

PHASE II CRRSAA BRIDGE BUNDLES



PHASE III BRIDGE BUNDLES



Legend

- Urban
- ▲ Rural
- Alabaster Road Bridge Replacement
- ◆ Bay
- ★ Grand/Southwest
- ✱ Haze Road Permanent Removal
- University/Southwest

Date: 12/13/2023

0 25 50 Miles



POTENTIAL FUTURE CANDIDATES - CURRENTLY IN PROJECT DEVELOPMENT

