



STATE OF MICHIGAN

RICK SNYDER  
GOVERNOR

JOANNA I. JOHNSON  
CHAIR



Michigan  
Transportation Asset  
Management Council

September 12, 2018

To: Public Act 51 Agencies

**RE: Public Act 325 of 2018**

Dear Local Road Agencies Partners,

On behalf of the Michigan Transportation Asset Management Council (TAMC) we want to provide an update on Public Acts (PA) [323](#), [324](#), and primarily [325](#), which were enacted in July 2018.

These laws established two new councils: the Michigan Infrastructure Council (MIC) and the Water Asset Management Council (WAMC). PA 325 also modified the scope of the TAMC. Together these support the 2016 recommendations of the 21<sup>st</sup> Century Infrastructure Commission and the Asset Management Infrastructure Pilots in an effort to coordinate across all types of infrastructure assets. Both the TAMC and WAMC will now report to the MIC.

The MIC is housed in the Michigan Department of Treasury, and its efforts will be facilitated by its new Executive Director, Jessica Moy. That group's first meeting was September 6<sup>th</sup>, and future monthly meetings are expected. The MIC also has a website under construction. Find out more about their efforts, visit the [MIC overview page](#).

The WAMC is established under the Michigan Department of Environmental Quality (MDEQ). The WAMC is intended to mirror for water and sewer infrastructure the efforts accomplished over the past 15 years by the TAMC.

The TAMC scope was modified including requirements to address asset management plans for local road agencies. No later than October 1, 2019, the TAMC shall develop a template for an asset management plan for use by local road agencies responsible for 100 or more certified miles of road and require its submission to the TAMC. No later than October 1, 2019, the TAMC shall establish a schedule for the submission of asset management plans by local road agencies that ensures that 1/3 of these local road agencies submit an asset management plan each year. The TAMC is currently working on establishing the submission schedule and is seeking feedback from member agencies.

#### **Local Road Agencies responsible for less than 100 certified miles**

For local road agencies responsible for less than 100 certified miles of road, these modifications will not have significant impact. Your work with regional and metropolitan planning agencies to collect road and bridge condition data will continue. Your work to report investment activities through the Investment Reporting Tool (IRT) and Act 51 Distribution and Reporting System (ADARS) will also continue. The TAMC will continue to provide training and assist you in your asset management efforts. Please continue

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to work with other infrastructure agencies to coordinate planned construction, as there will likely be increased emphasis on coordination among all the infrastructure providers in your area.

### **Local Road Agencies responsible for 100 or more certified miles**

For local road agencies responsible for 100 or more certified miles of road, there will be additional phased in effort required. These local road agencies include all 83 county road agencies, and 39 cities (see attachment 1); this list is based upon the 2017 PA 51 Mileage Certification. Together with the Michigan Department of Transportation (MDOT), these agencies oversee 92% of the road mileage in the state.

The initial 1/3 of these local road agencies will be required by 2020 to submit an asset management plan to the TAMC. The basic elements of the asset management plan are described in the law; a brief summary is below;

(a) **Asset inventory**, including the location, material, size, and condition of the assets, in a format that allows for and encourages digital mapping. All standards and protocols for assets shall be consistent with government accounting standards. Standards and protocols for assets that are eligible for federal aid shall be consistent with federal requirements and regulations.

(b) **Performance goals**, including the desired condition and performance of the assets, which shall be set by the local road agency. Performance goals may vary among asset classes under the local road agency's jurisdiction. If a local road agency has jurisdiction over roads or bridges that are designated as part of the federal National Highway System, performance goals for that portion of the system shall be consistent with established federal performance targets.

(c) **Risk of failure analysis**, including the identification of the probability and criticality of a failure of the most critical assets and any contingency plans.

(d) **Anticipated revenues and expenses**, including a description of all revenue sources and anticipated receipts for the period covered by the asset management plan and expected infrastructure repair and replacement expenditures, including planned improvements and capital reconstruction.

(e) **Performance outcomes**, including a determination of how the local road agency's investment strategy will achieve the desired levels of service and performance goals and the steps necessary to ensure asset conditions meet or achieve stated goals and a description and explanation of any gap between achievable condition and performance through the investment strategy and desired goals.

(f) **A description of any plans of the asset owner to coordinate with other entities**, including neighboring jurisdictions and utilities, to minimize duplication of effort regarding infrastructure preservation and maintenance.

(g) **Proof of acceptance**, certification, or adoption by the local road agency's governing body.

### **TAMC Efforts**

TAMC has developed a sample template and guide for asset management plans available on the Support page of its [website](#). Over the next few months, this template will be modified to comply with the new law. In addition, working with Michigan Technological University (MTU), TAMC is undertaking a pilot effort to develop a digital asset management plan template that will upload data directly from Roadsoft. That work will continue, and I am confident TAMC will be able to provide an appropriate asset management plan template by the October 2019 deadline, if not before. By October 2019, TAMC will also develop a three-year schedule for submission of asset management plans by local road agencies.

When asset management plans begin to be submitted in 2020, the TAMC shall review an asset management plan submitted and shall compare the asset management plan to the minimum requirements of the law and the template created by the TAMC, and determine whether the asset management plan is in compliance with those standards. If the asset management plan does not meet those standards, the TAMC shall seek concurrence from the MDOT that the asset management plan does not meet the transportation asset management council's standards.

Beginning October 1, 2025, if the TAMC determines (and MDOT concurs) that a local road agency has not demonstrated progress toward achieving the condition goals described in its asset management plan for its federal-aid eligible county primary road system or city major street system, as applicable, the TAMC shall provide notice to the local road agency of the reasons that it has determined progress is not being made and recommendations on how to make progress toward the local road agency's condition goals. The local road agency shall become compliant within 6 months after receiving the notification.

### **Asset Management Plan Submissions**

If you already have asset management plans in place and may be planning to renew or revise them in the next few years, if possible, we suggest utilizing the updated template when it becomes available.

### **Signals and Culverts**

In addition, the law requires TAMC advise the MIC on a statewide transportation asset management strategy and the processes and tools needed to implement that strategy, beginning with the federal-aid eligible highway system and infrastructure assets that impact system performance, safety, or risk management, *including signals and culverts*. Until TAMC develops this signals and culverts effort statewide, local agencies are only required to include a short description of the current status of these two assets within the agency. The TAMC is planning to include a placeholder sections for these assets in the asset management plan template where agencies can indicate their current knowledge of these assets.

### **In Closing**

The basis of asset management is the use of data-driven decision-making to invest most effectively to improve or sustain infrastructure condition. Michigan's local road agencies have for many years been doing the substantial work of annually collecting data to assess the condition of Michigan's roads and bridges. **We continue to appreciate all of your efforts.**

If you have further questions or concerns, I encourage you to bring them to the attention of any of the members of the TAMC or support staff, and we will do our best to get you an appropriate response.

If you have any questions, please don't hesitate to contact me at (269) 381-3170.

Sincerely,



Joanna I. Johnson, Chair

CC: TAMC Members and Member Agencies

**Michigan Act 51 Road Mileage Certification 2017**  
**Agencies that Certify 100 Miles or More**

**Ranked by Total Miles**

	<u>Agency</u>	<u>Type</u>	<u>Certified Miles</u>		<u>Agency</u>	<u>Type</u>	<u>Certified Miles</u>
1	Michigan DOT	State	9,668.00	43	Manistee	County	1,044.80
2	Oakland	County	2,741.72	44	Bay	County	1,035.38
3	Detroit	City	2,554.17	45	St. Joseph	County	1,022.26
4	Kent	County	1,961.76	46	Grand Traverse	County	1,017.62
5	Saginaw	County	1,849.93	47	Wexford	County	1,015.02
6	Sanilac	County	1,834.44	48	Cass	County	1,014.41
7	Allegan	County	1,798.86	49	Branch	County	1,009.00
8	Macomb	County	1,718.68	50	Clare	County	1,003.49
9	Ottawa	County	1,691.50	51	Lake	County	985.02
10	Washtenaw	County	1,654.55	52	Mason	County	951.23
11	Huron	County	1,622.30	53	Osceola	County	926.19
12	Tuscola	County	1,616.96	54	Delta	County	884.28
13	Genesee	County	1,598.35	55	Gladwin	County	880.56
14	Jackson	County	1,583.72	56	Antrim	County	873.38
15	Wayne	County	1,581.99	57	Midland	County	872.98
16	St. Clair	County	1,552.71	58	Roscommon	County	867.78
17	Lenawee	County	1,531.74	59	Missaukee	County	855.75
18	Montcalm	County	1,505.14	60	Iosco	County	853.15
19	Berrien	County	1,477.30	61	Kalkaska	County	851.00
20	Newaygo	County	1,414.09	62	Houghton	County	845.62
21	Monroe	County	1,337.92	63	Ogemaw	County	837.32
22	Livingston	County	1,333.14	64	Otsego	County	833.58
23	Van Buren	County	1,328.44	65	Emmet	County	832.44
24	Calhoun	County	1,315.99	66	Presque Isle	County	810.30
25	Lapeer	County	1,309.48	67	Oscoda	County	730.34
26	Chippewa	County	1,285.58	68	Alcona	County	726.93
27	Marquette	County	1,274.42	69	Charlevoix	County	713.69
28	Kalamazoo	County	1,266.72	70	Crawford	County	706.03
29	Ingham	County	1,254.59	71	Alpena	County	660.14
30	Hillsdale	County	1,197.64	72	Mackinac	County	647.02
31	Gratiot	County	1,182.31	73	Montmorency	County	644.82
32	Clinton	County	1,177.37	74	Arenac	County	636.34
33	Eaton	County	1,173.86	75	Iron	County	632.95
34	Isabella	County	1,166.65	76	Benzie	County	626.29
35	Mecosta	County	1,133.60	77	Gogebic	County	600.31
36	Cheboygan	County	1,126.38	78	Ontonagon	County	597.28
37	Menominee	County	1,118.02	79	Grand Rapids	City	593.39
38	Shiawassee	County	1,100.83	80	Leelanau	County	592.66
39	Muskegon	County	1,100.34	81	Dickinson	County	515.72
40	Oceana	County	1,087.38	82	Flint	City	507.74
41	Ionia	County	1,073.62	83	Baraga	County	494.97
42	Barry	County	1,066.59	84	Alger	County	493.45

**Michigan Act 51 Road Mileage Certification 2017**  
**Agencies that Certify 100 Miles or More**

	<u>Agency</u>	<u>Type</u>	<u>Certified Miles</u>
85	Schoolcraft	County	437.09
86	Lansing	City	412.84
87	Warren	City	412.25
88	Luce	County	386.78
89	Livonia	City	371.98
90	Sterling Heights	City	350.56
91	Troy	City	325.76
92	Farmington Hills	City	304.74
93	Ann Arbor	City	296.83
94	Battle Creek	City	293.83
95	Saginaw	City	278.58
96	Dearborn	City	267.56
97	Rochester Hills	City	258.22
98	Kalamazoo	City	249.78
99	Wyoming	City	247.07
100	Southfield	City	246.40
101	Midland	City	237.04
102	Pontiac	City	229.07
103	Portage	City	220.46
104	Royal Oak	City	212.52
105	Westland	City	211.42
106	Taylor	City	194.16
107	Novi	City	190.00
108	Muskegon	City	188.37
109	St Clair Shores	City	187.17
110	Dearborn Heights	City	184.76
111	Bay City	City	180.95
112	Burton	City	177.95
113	Keweenaw	County	176.89
114	Jackson	City	155.20
115	Norton Shores	City	149.54
116	Holland	City	148.97
117	Kentwood	City	147.52
118	Port Huron	City	132.84
119	Roseville	City	128.67
120	Lincoln Park	City	115.59
121	Romulus	City	114.90
122	Walker	City	114.72
123	Garden City	City	101.02

**Michigan Act 51 Road Mileage Certification 2017**  
**Agencies that Certify 100 Miles or More**

**Alphabetical**

	<u>Agency</u>	<u>Type</u>	<u>Certified Miles</u>		<u>Agency</u>	<u>Type</u>	<u>Certified Miles</u>
1	Alcona	County	726.93	43	Houghton	County	845.62
2	Alger	County	493.45	44	Huron	County	1,622.30
3	Allegan	County	1,798.86	45	Ingham	County	1,254.59
4	Alpena	County	660.14	46	Ionia	County	1,073.62
5	Ann Arbor	City	296.83	47	Iosco	County	853.15
6	Antrim	County	873.38	48	Iron	County	632.95
7	Arenac	County	636.34	49	Isabella	County	1,166.65
8	Baraga	County	494.97	50	Jackson	City	155.20
9	Barry	County	1,066.59	51	Jackson	County	1,583.72
10	Battle Creek	City	293.83	52	Kalamazoo	City	249.78
11	Bay	County	1,035.38	53	Kalamazoo	County	1,266.72
12	Bay City	City	180.95	54	Kalkaska	County	851.00
13	Benzie	County	626.29	55	Kent	County	1,961.76
14	Berrien	County	1,477.30	56	Kentwood	City	147.52
15	Branch	County	1,009.00	57	Keweenaw	County	176.89
16	Burton	City	177.95	58	Lake	County	985.02
17	Calhoun	County	1,315.99	59	Lansing	City	412.84
18	Cass	County	1,014.41	60	Lapeer	County	1,309.48
19	Charlevoix	County	713.69	61	Leelanau	County	592.66
20	Cheboygan	County	1,126.38	62	Lenawee	County	1,531.74
21	Chippewa	County	1,285.58	63	Lincoln Park	City	115.59
22	Clare	County	1,003.49	64	Livingston	County	1,333.14
23	Clinton	County	1,177.37	65	Livonia	City	371.98
24	Crawford	County	706.03	66	Luce	County	386.78
25	Dearborn	City	267.56	67	Mackinac	County	647.02
26	Dearborn Heights	City	184.76	68	Macomb	County	1,718.68
27	Delta	County	884.28	69	Manistee	County	1,044.80
28	Detroit	City	2,554.17	70	Marquette	County	1,274.42
29	Dickinson	County	515.72	71	Mason	County	951.23
30	Eaton	County	1,173.86	72	Mecosta	County	1,133.60
31	Emmet	County	832.44	73	Menominee	County	1,118.02
32	Farmington Hills	City	304.74	74	Michigan DOT	State	9,668.00
33	Flint	City	507.74	75	Midland	City	237.04
34	Garden City	City	101.02	76	Midland	County	872.98
35	Genesee	County	1,598.35	77	Missaukee	County	855.75
36	Gladwin	County	880.56	78	Monroe	County	1,337.92
37	Gogebic	County	600.31	79	Montcalm	County	1,505.14
38	Grand Rapids	City	593.39	80	Montmorency	County	644.82
39	Grand Traverse	County	1,017.62	81	Muskegon	City	188.37
40	Gratiot	County	1,182.31	82	Muskegon	County	1,100.34
41	Hillsdale	County	1,197.64	83	Newaygo	County	1,414.09
42	Holland	City	148.97	84	Norton Shores	City	149.54

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85	Novi	City	190.00
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87	Oceana	County	1,087.38
88	Ogemaw	County	837.32
89	Ontonagon	County	597.28
90	Osceola	County	926.19
91	Oscoda	County	730.34
92	Otsego	County	833.58
93	Ottawa	County	1,691.50
94	Pontiac	City	229.07
95	Port Huron	City	132.84
96	Portage	City	220.46
97	Presque Isle	County	810.30
98	Rochester Hills	City	258.22
99	Romulus	City	114.90
100	Roscommon	County	867.78
101	Roseville	City	128.67
102	Royal Oak	City	212.52
103	Saginaw	City	278.58
104	Saginaw	County	1,849.93
105	Sanilac	County	1,834.44
106	Schoolcraft	County	437.09
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114	Troy	City	325.76
115	Tuscola	County	1,616.96
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