JOHN WEISS CHAIR

Michigan Infrastructure Council

KATHLEEN LOMAKO VICE-CHAIR

ERIN KUHN PALENCIA MOBLEY **BEVERLY WATTS**

MARCO BRUZZANO JOHN DALY III DANIEL FREDENDALL JON KANGAS

Michigan Infrastructure Council **Q2** Meeting – June 9, 2022 Michigan Department of Treasury Operations Center 7285 Parsons Drive, Dimondale, MI 48821

AGENDA

I.	Welcome/Introductions John Weiss, MIC Chair	1:00-1:05
II.	Attendance Ryan Laruwe – MIC Executive Director	1:05-1:10
III.	Approval of March 7, 2022, Meeting Minutes – Attachment 1 John Weiss, MIC Chair	1:10-1:15
IV.	Approval of Agenda John Weiss, MIC Chair	1:15-1:20
V.	Public Comment	1:20-1:25
VI.	Budget Update – Ryan Laruwe, MIC Executive Director	1:25-1:30
VII.	Bylaws Update – Attachment 2 Dan Fredendall – MIC Member	1:30-1:35
VIII.	30-year Strategy Update – Attachment 3 Kathleen Lomako – MIC Vice-Chair	1:35-1:45
IX.	AM Champions Program Update Erin Kuhn – MIC Member	1:45-2:00
х.	Project Portal Enhancements Update Nathan Hamilton – MIC Staff	2:00-2:10
XI.	Portal Access Committee Jon Kangas – MIC Member	2:10-2:15
XII.	Communications Committee Update Kathleen Lomako - MIC Vice-Chair	2:15-2:20

Standing Reports

XIII.

•	Executive Director	
•	Transportation Asset Management Council (TAMC)	2:20-2:40

- Water Asset Management Council (WAMC)
- Michigan Public Service Commission (MPSC)

XIII. Closing Remarks

2:40-3:00

• Michigan Infrastructure Council

XIV. Adjournment

John Weiss, MIC Chair

Michigan Infrastructure Council Meeting Minutes Q1 Meeting March 10, 2022

Meeting held at

430 W. Allegan St. Lansing, MI (Richard H. Austin Building) and electronically using Zoom

The meeting was called to order at 1:06 PM with a quorum established.

I. Welcome/Introductions

1:00-1:06

John Weiss, Chairperson, welcomed everyone present. Introductions completed of participants around the room.

Zach Kolodin, Director of the Governors Infrastructure Office, discussed improving quality of life for Michiganders by providing infrastructure which supports a 21st century economy. He stated his role is to help maximize the impact of federal investments through infrastructure development.

Heather Frick discussed collaboration opportunities the MIC has with the Governors Infrastructure Office.

II. Attendance 1:06-1:10

Roll Call-Ryan Laruwe, Executive Director

Name	Present	Absent	Location	Name	Present	Absent	Location
John Weiss, Chairperson	х		In Person	Eric Swanson, DTMB	Х		In Person
Kathleen Lomako, Vice-Chairperson	х		In Person	Jodi Gruner, MDARD	х		Online
Marco Bruzzano	X		In Person	Beverly Watts	X		In Person
John Daly, III		Х		Aaron Keatley	Х		In Person
Daniel Fredendall	Х		In Person	Laura Mester, MDOT		Х	
Jon Kangas		Х		Heather Frick, Treasury	х		In Person
Erin Kuhn	Х		In Person	Jill Rusnak, MPSC	Х		In Person
Palencia Mobley	Х		In Person	Joanna Johnson, TAMC	х		Online
Erik Eklund	Х		In Person	Sue McCormick, WAMC	х		In Person

III. Approval of Agenda (Attachment 1)

1:10-1:12

John Weiss, Chairperson

Motion by Daniel Fredendall to approve the agenda

Seconded by Kathleen Lomako

A roll call vote was held, and the motion was carried without dissent.

IV. Approval of the December 9, 2021, minutes (Attachment 2)

1:12-1:14

John Weiss, Chairperson

Motion by Daniel Fredendall to approve the agenda

Seconded by Kathleen Lomako

A roll call vote was held, and the motion was carried without dissent.

V. Public Comment

1:14-1:15

There were no public comments.

VI. MIC Staffing Update

1:15-1:18

John Weiss, Chairperson

John introduced Ryan Laruwe as the new Executive Director of the Michigan infrastructure Council. Nathan Hamilton was introduced as the new MIC analyst. Ryan Laruwe-Clarity not yet received as to when the third MIC staff member will be hired.

VII. Open Meetings Act Update

1:18-1:22

Ryan Laruwe, MIC Executive Director

Office of Attorney General recent communications show a potential conflict between the open meetings act and MIC bylaws- Section 5A (regarding remote voting) of the bylaws to be reviewed by the bylaws committee

Ryan proposed amending bylaws to better align with the open meetings act Kathleen Lomako added the bylaws should be reviewed for consistency.

VIII. Update on 30-Year Plan

1:22-1:35

Gareth McKay-WSP Michigan, Inc.

Kathleen discussed the scope of the 30-year plan and introduced Gareth as the consultant selected to share expertise

Gareth discussed defining a strategy for the MIC Council. He detailed the subcommittee 30-year plan actions and processing of long-term plans

Palencia Mobley, MIC Council Voting member, discussed a funding and collaboration strategy

John discussed the importance of collaboration with locals for efficiency

IX. AM Champions Program Update

1:35-1:42

Erin Kuhn, MIC voting member

Erin discussed the AM in the AM event which took place on 02/02/2022 from 10AM-12PM. She discussed the AMRS tool benefits and discussed better promotional efforts for the next AM in the AM.

On 03/22 and 03/23, the AM Champion Meetup (mini conference) will be conducted for those individuals who graduated from the program

On April 6th, the AM Champion program will start and there are approximately 80 applications received as of 03/08/2022

Erin discussed targeting a specific group of individuals such as elected officials as AM Champions for future rounds

John discussed there was room for 100 hundred individuals to take part in the program

X. Portal Access Committee

1:42-1:44

Jon Kangas-not in attendance

Ryan Laruwe discussed the need to improve access and utilization of the MIC Portal as he has grown to understand its barriers.

XI. MIC Portal Project Update

1:44-2:07

Ryan Laruwe, MIC Executive Director

Ryan discussed creating a tool for all asset classes. During QA testing, bugs were found which once alleviated will increase platform user experience. The MIC portal will launch new features with better usability which will be communicated through a MIC Portal strategy. MIC project Portal relaunch planned for release within the next few weeks. DTMB will be providing a project portal demonstration on Friday, March 11th from 1PM-2PM. Kathleen Lomako discussed value of metrics to show to legislators. John Weiss detailed how the MIC Project Portal has a purpose to promote collaboration on upcoming projects.

XII. AM Readiness Assessment Scale Update

2:07-2:13

John Weiss discussed benefits of utilizing the AMRS tool. Erin Kuhn detailed the transferrable benefit of the AMRS.

XIII. Utility Service Area Project Update

2:13-2:17

Ryan Laruwe discussed how the MIC Portal is not geographically diverse and that there is opportunity for growth. The Portal currently has 1300 projects. Most projects are coordinated to Southeast Michigan. Ryan supports a functionality demonstration during the June Q2 meeting

XIV. Standing Reports

- Executive Director- Ryan Laruwe discussed leave behind documents to promote values and goals as a communication strategy. A pile of documents will be prepared for when individuals leave the MIC Council Q2 meeting.
- Transportation Asset Management Council (TAMC)- Joanna Johnson, Chairperson of the Transportation Asset Management Council (TAMC), discussed data preview of last TAMC meeting, TAMC collected the most federal aid data in its history. The annual report will be released May 2nd, 2022. Roger Bellkap, TAMC coordinator, has resigned from position.
- Water Asset Management Council (WAMC)- Sue McCormick, Chairperson of the Water Asset Management Council (WAMC), discussed wastewater and drinking water data for asset management. Sue discussed asset survey results for WAMC.

XV. Closing Remarks

2:28-2:52

Michigan Infrastructure Council

John Weiss thanked Larry for his efforts as the previous Interim Executive Director. John discussed working on a budget with Kathleen and Ryan to present at the MIC Council Q2 meeting. John Kangas will not seek reelection. John discussed MIC Portal security threats. John Weiss appointed a subgroup to work on outreach and communications. Marco Bruzzano was appointed chair with members to include Beverly Watts, Kathleen Lomako, Erin Kuhn, and John Weiss as an ex-officio member. Erin, Ryan, and John will be keynote speaking at the Asset Leadership Network Conference.

XVI. Adjournment

John Weiss, Chairperson

The meeting was adjourned at 2:52 p.m.

Next Meeting:

2022 Q2 Meeting – June 09, 2022

Location: Treasury Operations Center

7285 Parsons Dr, Dimondale, MI 48821

Bylaws of the Michigan Infrastructure Council

Adopted December 10, 2020Adopted June 9, 2022

1. Purpose.

The Michigan Infrastructure Council (MIC/the council) will bring together local utility and infrastructure owners, regional representatives, finance and policy experts, and state departments to coordinate infrastructure goals, safeguard investments, and endeavor to provide efficiencies to the overall infrastructure planning process to minimize the duplication of efforts.

The statutory responsibilities of the Michigan Infrastructure Council are as established in P.A. 323 of 2018, P.A. 324 of 2018 and P.A. 325 of 2018.

2. Membership, Chairperson and Other Officers.

- a. **Voting Members.** The council shall consist of nine appointed voting members in accordance with P.A. 323 of 2018. The voting members shall be appointed as follows:
 - 1) Five by the Governor
 - 2) One by the Senate Majority Leader
 - 3) One by the Speaker of the House
 - 4) One by the Senate Minority Leader
 - 5) One by the House Minority Leader
- b. **Nonvoting Members.** The council shall consist of nine nonvoting members in accordance with P.A. 323 of 2018.
 - The chairperson of the Water Asset Management Council (WAMC) or his or her designee
 - 2) The chairperson of the Transportation Asset Management Council (TAMC) or his or her designee
 - 3) The director of the Department of Agriculture and Rural Development or his or her designee
 - 4) The director of the Department of Environmental Quality or his or her designee
 - 5) The director of the Department of Natural Resources or his or her designee
 - 6) The director of the Department of Technology, Management, and Budget or his or her designee
 - 7) The director of the State Transportation Department or his or her designee
 - 8) The State Treasurer or his or her designee
 - 9) The chairperson of the Michigan Public Service Commission or his or her designee

- c. **Chairperson and Other Officers.** Per P.A. 323 of 2018, the council shall elect a chairperson from among its members. The council may elect other officers as it considers appropriate.
 - 1) Eligibility: All voting members of the council are eligible to be Chairperson, Vice-Chairperson, or other officers.
 - 2) Election of Officers: Elections for Chairperson, Vice-Chairperson, and other officers shall be held at the Annual Meeting of the MIC or as needed to fill a vacant officer position. Election shall be by a majority vote of the attending voting MIC members at a meeting where a quorum is present.
 - 3) Term of Office: All officers' terms of office shall be for a one-year term, except as needed to fill a vacancy for the balance of the term. Officers may be reelected to additional terms by the MIC. Terms may be consecutive.
 - 4) Responsibility and Dismissal: It is the responsibility of the Chairperson and in the absence of the Chairperson, it is the responsibility of the Vice-Chairperson to chair scheduled MIC meetings, publicly represent the MIC, and speak on its behalf. If the Chairperson or the Vice-Chairperson fails to meet this responsibility, the voting membership of the MIC may dismiss the Chairperson or Vice-Chairperson by majority vote.

3. Subsidiary Bodies.

In carrying out its duties and responsibilities, the MIC may establish and abolish committees and subject matter expertise (SME) groups as it considers appropriate.

- a. **Committees:** MIC committees may be comprised of voting and nonvoting MIC members, as selected by the Chairperson. Member assignments may be reviewed and changed by the MIC Chairperson as necessary during the Chairperson's term of office. Each committee shall be chaired by a voting member of the MIC. Any committee may include for support, technical, or other reasons, non-MIC members as advisory participants on the committees.
 - Nominations Committee: The committee will develop and manage the evaluation and nomination process for WAMC members per Article 7. b. of these Bylaws and P.A. 324 of 2018.
 - a) Responsibilities.
 - Advise the council on matters pertaining to WAMC appointments.
 - ii. Propose a slate of nominees to fill the expiring WAMC terms to the full council for consideration and vote.
 - iii. Propose a nominee to fill a vacancy of an unexpired term to the full council for consideration and vote.
 - b) Membership. The committee shall be comprised of five (5) members as appointed below and all five members shall have a vote on the committee for the actions of the committee.
 - A minimum of two, but not more than three voting members of the council. One of the voting members shall be appointed as Chairperson of the Committee.

- ii. A minimum of two, but not more than three nonvoting members of the council, one of which shall be the WAMC Chairperson or his/her designee. The designee does not have to be a current member of WMAC but is not eligible to be nominated for the WAMC.
- iii. If the vacancy under consideration is the WAMC Chairperson's appointment, the WAMC Chairperson shall recuse himself/herself as a member of the committee and the MIC Chairperson shall appoint a WAMC designee for the committee.
- b. Subject Matter Expertise (SME) Groups: MIC SME groups may be comprised of voting and nonvoting MIC members, as selected by the Chairperson. Furthermore, any SME group may include for support, technical, or other reasons, non-MIC members as advisory participants in the SME group. Member assignments may be reviewed and changed by the MIC Chairperson as necessary during the Chairperson's term in office.

4. Meetings.

Per P.A. 323 of 2018, "the MIC shall meet at least quarterly, or more frequently at the call of the Chairperson or if requested by 3 or more members." Council meeting schedules are established by January 1 for the following annual year. The established schedules shall be made available to the public no later than the first meeting of the calendar year in compliance with the Open Meetings Act, 1976 P.A. 267, MCL 15.261 to 15.275.

- a. Organization of Meetings. The Chairperson shall preside at all MIC meetings. In his/her absence, the Vice-Chairperson shall preside at such meeting. In the absence of both the Chairperson and Vice-Chairperson, the Chairperson shall designate another member of the MIC to preside over such meeting. If the Chairperson fails to designate such member, a voting member of the MIC shall be selected by a majority of the voting members in attendance at such meeting, and that member shall preside over the meeting.
- b. Annual Meeting. The MIC shall designate one meeting as the Annual Meeting. The Annual Meeting shall be held no later than December 15 of that year, beginning in 2019 and reoccurring every year thereafter. The order of business at the Annual Meeting shall include:
 - 1) Roll Call
 - 2) Public Comment
 - 3) Approval of Agenda
 - 4) Approval of Minutes
 - 5) Election of Officers
 - 6) Appointment of Water Asset Management Council Members
 - 7) Review of Bylaws
 - 8) Confirmation of Meeting Schedule for the Calendar Year
 - 9) Conduct Other Council Business as Provided in Meeting Notice
- c. **Other Meetings.** The Chairperson or the Chairperson's designee shall develop the agenda for the meeting.

- d. Remote-Attendance. Voting and nonvoting members of the MIC may shall attend MIC meetings in person, by phone, or by videoconferencing (if available unless the member's absence is due to military duty).
- e. **Public Comment.** Each scheduled MIC meeting shall include a forum for Public Comments, whereby members of the general public may address the council. Each speaker shall register to speak and be granted 3 minutes to address the council. The Chairperson may extend the speaking time, in a consistent manner, across all registered speakers.

5. Quorum and Voting.

Per the Michigan Open Meetings Act, 1976 P.A. 267, MCL 15.261 to 15.275, a "meeting" is the convening of a public body at which quorum is present for the purpose of deliberating toward or rendering a decision of a public policy. Per P.A. 323 of 2018, a quorum as it pertains to the MIC shall be defined as, "a majority of the voting members of the Michigan Infrastructure Council and a majority of the nonvoting members of the Michigan Infrastructure Council."

Per P.A. 323 of 2018, "an affirmative vote of the majority of the voting members of the Michigan Infrastructure Council is required for official action of the Michigan Infrastructure Council."

a. **Remote Voting.** Voting members may vote in person, by phone, or by videoconferencing (if available). When one or more voting members is attending remotely, all voting will takeplace via roll-call vote.

6. Freedom of Information Act.

Per. P.A. 323 of 2018, "A writing created by the Michigan Infrastructure Council in the performance of an official function is subject to the freedom of information act, 1976 P.A. 442, MCL 15.231 to 15.246."

7. Council Duties.

- a. **Council Responsibilities**. The council shall carry out the duties assigned in P.A. 323 of 2018, Section 4 by delivering the work plans, reports, and recommendations as required.
 - 1) Within 180 days of the first meeting, the MIC shall develop a three (3) year work plan and strategy.
 - 2) Within three (3) years of the effective date of P.A. 323 of 2018, the MIC shall begin the second phase to develop predictive analytics, a public dashboard and produce a 30-year integrated infrastructure investment and management strategy for the State of Michigan.
- b. Water Asset Management Council Appointments. Per P.A. 324 of 2018, the MIC shall appoint members to the Water Asset Management Council (WAMC) in accordance with the WAMC membership requirements of P.A. 324 of 2018.

- For WAMC appointments from the four associations: i. Michigan Municipal League, ii. Michigan Townships Association, iii. Michigan Association of Counties, and iv. Michigan Association of Drain Commissioners:
 - a) MIC will request nominations from the association(s) by September 1 of the expiration year.
 - b) Nominations shall be submitted to the MIC Nominations Committee by November 15 of the expiration year.
 - c) WAMC appointments will be made at the Annual Meeting.
- 2) For WAMC appointments representing the four non-association positions: i. regional drinking water, wastewater, or storm water authority, ii. water infrastructure association, iii. drinking water, wastewater, or storm water asset management experience, and iv. a region:
 - a) MIC will publicly request nominations for the open position(s) by September 1 of the expiration year.
 - b) Nominations shall be submitted to the MIC Nominations Committee by November 1 of the expiration year.
 - c) WAMC appointments will be made at the Annual Meeting.
- 3) For filling the vacancy of an unexpired term, per P.A. 324 of 2018, "A vacancy on the water asset management council shall be filled in the same manner as the original appointment."
 - a) MIC will request nominations from the affected association(s) and/or for the open position(s) no more than thirty (30) days from the vacancy.
 - b) Nominations shall be submitted to the MIC Nominations Committee within forty-five (45) days of the official request by MIC.
 - c) WAMC appointments to fill vacancies shall be made at the next scheduled MIC meeting or at a special meeting by the request of the Nominations Committee within thirty (30) days of nominations.
 - d) A vacancy shall be filled within one hundred twenty (120) days.
- c. **Transportation Asset Management Council Appointments.** TAMC appointments will take place in accordance with P.A. 325 of 2018
- d. Removal of Members of the Water Asset Management Council and Transportation Asset Management Council. Per P.A. 324 of 2018 and P.A. 325 of 2018, the MIC may remove members of the WAMC or TAMC in accordance with the respective public act.
 - 1) Per P.A. 324 of 2018, "A member of the Water Asset Management Council may be removed for incompetence, dereliction of duty, malfeasance during his or her tenure in office, or any other cause considered appropriate by the Michigan Infrastructure Council."
 - 2) Per P.A. 325 of 2018, "A member of the Transportation Asset Management Council may be removed for incompetence, dereliction of duty, malfeasance during his or her tenure in office, or any other cause considered appropriate by the Michigan Infrastructure Council."

3) The MIC shall consult with the respective council before removing a member of that council.

8. Staffing.

Per P.A. 323 of 2018, "the Departments of Agriculture and Rural Development; Environmental Quality; Natural Resources; Technology, Management, and Budget; Transportation; and Treasury shall provide qualified administrative and technical staff to the Michigan Infrastructure Council." Furthermore, "the Department of Technology, Management, and Budget shall serve as the central data storage agency for the statewide database provided for this act."

9. Bylaw Adoption and Amendments.

An affirmative vote of the majority of the voting members of the MIC is required to adopt and amend the MIC bylaws. Proposed amendments, in final form, must be distributed to the members at least ten (10) business days prior to having them on the MIC agenda as an action item.



MICHIGAN INFRASTRUCTURE STRATEGY

May 31, 2022

Overview and Approach

The purpose of this document is to provide a high-level summary of the project purpose, intended strategy content, schedule, and engagement strategy.

1. PURPOSE

Michigan's long-term strategy for integrated asset management must consider evolving needs, be grounded in lifecycle best practices and be responsive to economic constraints.

In 2016, the 21st Century Infrastructure Commission Report established "a 50-year vision for improving the state's infrastructure system and enhancing the quality of life for all Michiganders."

As a result of that effort, the Legislature created the Michigan Infrastructure Council (MIC) and tasked it with producing a 30-year Integrated Infrastructure Strategy (the Strategy). The MIC provides strategy leadership across investments in infrastructure management. The Strategy is to be updated every five years to reflect development and improved understanding of the state and direction of asset management across Michigan's Water, Transportation, Energy, and Communications sectors.

The MIC has developed five goals: **collaboration**, **coordination**, **education**, **investment**, **and prioritization**. Pursuit of these goals needs to and will continue. Building and learning from our efforts, the strategy will identify opportunities to:

- 1. Create incentives and remove barriers.
- 2. Reinforce a common language and culture that supports integrated asset management.
- **3.** Understand and celebrate the successful application of these goals for knowledge sharing.
- 4. Prepare for new challenges, and opportunities to ensure Michigan's infrastructure can respond appropriately.
- 5. Identify and share national and global best practices to enhance current operations.

Through the development of an updated vision and actionable short, medium, and long-term strategies across the next 30 years, infrastructure owners, operators, and users will be able to achieve more efficiency and better service for Michigan's future.



2. THE STRATEGY

The Strategy will include a focus on overall strategic direction and Asset Class needs. Key elements of the strategy will include the following:

FIGURE 1. Michigan Infrastructure Strategy Elements

Michigan Infrastrucutre Strategy

1. 30-Year Vision

Update existing vision to reflect current and future priorities. (e.g. Climate, Resilience & Sustainability (CRS), Environmental, Social and Corporate Governanace (ESG) and Equity statewide across all infrastructure services.

2. Strategic Directions

Focus areas to deliver the revised vision will address asset class challenges and opportunities

3. Stakeholder Roles and Responsibilities

Review and analyze roles and relationships for regulators, owners, operators, state and municipal elected officials and members of the public.

4. Delivery Actions

Propose short, medium and long-term actions.

5. Asset Assessment

Provide a snapshot of the current state: Understand the existing condition of funding mechanisms, asset inventory, asset condition and valuation, the relationship between needs and expenditures, performance outcomes, and success stories.

Plan for tomorrow: Consider future impacts on infrastructure investments Analyze gaps and opportunities: Identify non-fiscal barriers to advance, incentivize, and improve infrastructure asset efficiences and effectiveness.



3. SCHEDULE

The project will be delivered in two phases. The results of Phase 1 will inform the approach to Phase 2. There will be a hold point between the two phases to identify opportunities and gaps in the process.



3.1 Phase 1 Anticipated Deliverables

- Michigan-based case studies and examples that promote the successful application of the MIC goals.
- 2. Identify and develop a list of short-term/immediate actions for the MIC to implement during the development of The Strategy (18 months).
- **3.** A summary of 'Asset Snapshots' for the respective Classes.
- 4. Phase 2 Project Plan.



4. ASSET ASSESSMENTS

The Asset Assessment in Phase 1 will utilize a common framework to assess the state of asset management in Michigan and identify current and future opportunities and challenges for each Asset Class.

FIGURE 3. Asset Classes Considered



WATER Wastewater Systems, Drain Commissioners, Drinking Water Systems



TRANSPORTATION Road Agencies (will not include Transit Agencies)



ENERGY Electric Utilities, Natural Gas Utilities



COMMUNICATIONS Broadband

Of the asset classes in Figure 2 the approach for Communications (Broadband) will differ to the others and the work will leverage work undertaken by the Michigan High Speed Internet Office rather than duplicating the work they are undertaking.

The process will surface priorities, and strategies that cut across asset classes and infrastructure types, setting the basis for future cross-sector collaboration and coordination.

- 1. WHO IS AT THE TABLE? Service Provider Roles & Responsibilities
- 2. HOW ARE ASSETS FUNDED? Funding Mechanisms, Decisions, & Investment Needs
- 3. WHAT ARE THE CURRENT CAPABILITIES? Success Stories & Data Availability
- 4. HOW WILL THINGS CHANGE TOMORROW? Future Scenarios & Context
- 5. WHAT CAN WE CHANGE? Barriers, Risks, Challenges & Opportunities to Leverage.

Items 1-3 are to be developed based on currently available information. A summary will be provided (as a draft) to attendees prior to workshops and input sought through the workshop on further ideas, missing items and additional clarification.

Items 4 and 5. Key focus of Engagement through Phase 1.



5. STAKEHOLDER ENGAGEMENT

Public and stakeholder engagement techniques outlined in this plan have been customized for use in establishing a comprehensive infrastructure plan for the State of Michigan and developing the Michigan 30-Year Infrastructure Strategy.

5.1 Asset Class Stakeholder Input - Water, Transportation, Energy

A group of asset stakeholders for water, transportation and energy are to be established. This group will primarily be pulled from Asset Management Champion participants (current and past). The focus audience of these groups will be owners and operators of infrastructure. The Champions group will be supplemented with other key stakeholders (such as elected officials, government employees, tribal governments, regions etc.) to ensure that there is a diverse representation of stakeholders from the private, /public, and /state sectors; representatives, a geographical diversity, and representatives from different sized organizations.

Asset stakeholders will be engaged across three meetings in the Summer and Fall of 2022.

- 1. Project Overview
 - (All Asset Classes Together)

Virtual,

July/August

- Introductions and 30 Year Strategy Overview.
- Overview of Asset Class Snapshots.
- Define the 'ask' for the upcoming in-person session.
- 2. Asset Class Specific: Challenges, Risks, and Opportunities

(Separate sessions for Water, Transportation, Energy)

In person half to full day

workshops,

August/September

- Review of 'Current Status' Documents. What is missing or needs adjustment?
- Identify Future Scenarios and Context.
- Facilitated discussion of Challenges, Risks, and Opportunities.
- 3. Phase 1 Review
 (All Asset Classes Together)

Virtual,

November

 Report back. Identification of trends and directions across Asset Classes.



The team will work directly with the Michigan High Speed Internet Office to identify similar information and opportunities for collaboration/coordination with broadband.

5.2 Broader Engagement

As part of Phase 1 it is desired to seek input from the public and broader stakeholders. The goal here will be to gauge the level of awareness. Perhaps through questions or information posted on the MIC website.

This engagement will include the following specific stakeholder groups:

- Resource agencies, State agencies and Federal agencies
- Elected officials and government employees
- Key industry stakeholder groups (ex. Michigan Municipal League, Michigan Townships Association)
- Tribal Governments
- Disabled, Limited English Proficiency (LEP), Environmental Justice (EJ), Minority and Low-Income Populations/ Representatives

5.3 Phase 2 Engagement

This will be confirmed after a review of the Phase 1 process. At present the intention is to include:

- Joined up opportunities (perhaps regionally located) for representatives across all asset classes to come together and discuss future strategies.
- Further opportunities for public and broad stakeholder involvement.

