



Michigan
Infrastructure
Council

• COLLABORATE • INVEST • EDUCATE • PRIORITIZE •

QUARTERLY MEETING

**Q2
2024**

STATE OF MICHIGAN
OPERATIONS CENTER
06/21/2024

Michigan Infrastructure Council

Q2 Meeting

June 21, 2024

**Michigan Department of Treasury Operations Center
7285 Parsons Dr, Dimondale, MI 48821**

AGENDA

1. Call to Order
2. Roll Call
3. Public Comment
4. Approval of Agenda
5. Approval of Proposed Minutes from the meeting held on March 14, 2024 (Attachment 1)
6. MIC Program Committee Updates
 1. Erin Kuhn – AM Champions (Attachment 2)
 2. Ryan Laruwe (Beverly absent)– MIC Project Portal (Attachment 3)
7. MIC Committee Structure (Attachment 4)
8. MIC Staff Update (Attachment 5)
9. Old Business
 1. None
10. New Business
 1. 30 Year Integrated Infrastructure Strategy
 1. Presentation (Attachment 6)
 2. Resolution - 30 Year Integrated Infrastructure Strategy (Attachment 7)
 2. Resolution – MIC Q3 and MIC Q4 Dates (Attachment 8)
 3. Resolution – FY24 Workplan Update (Attachment 9)
11. Council Reports
 1. Water Asset Management Council
 2. Transportation Asset Management Council
12. Roundtable Discussion
13. Next Meeting Date
 1. September 05, 2024
14. Adjournment



Michigan Infrastructure Council

Q1 Meeting March 14, 2024

Meeting held at

7285 Parsons Dr, Dimondale, MI 48821 (Treasury Operations Center) and electronically using TEAMS

Meeting Minutes

- 1) Call to Order
 1. Chairperson, Palencia Mobley called the meeting to order at 1:08pm
- 2) Roll Call
 1. Let the record show that seven (7) voting members and six (6) non-voting members were present. A quorum was established.
- 3) Public Comments
 1. No public comment
- 4) Approval of Meeting Agenda – March 14, 2024
 1. Motion by Marco Bruzzano to approve meeting agenda.
 1. Motion supported by Kathleen Lomako
 2. Motion carried without dissent.
- 5) Approval of Minutes – December 7, 2023
 1. Motion by Kathleen Lomako to approve the minutes as presented for meeting held on December 7, 2023.
 1. Motion supported by Marco Bruzzano
 2. Motion carried without dissent.
- 6) MIC Member Update
 1. Charles Marshall – Appointed by the Speaker of the House
 1. Charles Marshall introduced himself to the council and provided information on his professional background.
 2. Ryan Laruwe also welcomed Doug Matthews, appointed to the council by the Senate Majority Leader. Doug Matthews introduced himself to the council and provided information on his professional background.
- 7) MIC Program Updates
 1. Erin Kuhn – AM Champions
 1. Erin Kuhn reported that this is the largest class of asset management champions to date with 142 participants. She reported on the upcoming asset management champion webinar to be delivered on March 20th and the next webinar in April.
 2. Beverly Watts – MIC Project Portal
 1. Beverly Watts reported the portal was soft launched last week to focus on integrating previous users. The hard launch is anticipated for April/May of 2024 for future users.



3. Kathleen Lomako – 30-Year Integrated Infrastructure Strategy
 1. Kathleen Lomako reminded the committee that the actions were approved at the last meeting and were then moved forward on developing the narrative of the strategy. She highlighted the work of the MIC staff on their work on the Strategy and explained the handouts provided to the council during the meeting. She invited the council members to submit comments to Nathan Hamilton or Emilee Madison while reviewing the final draft. She also spoke to the proposed committee restructure and how this will support the 30-year strategy implementation.
 1. Comments
 1. Sue McCormick noted that the acknowledgment list at the beginning is an impediment to reaching the Strategy Actions due to its length.
 2. Nathan Hamilton informed the council that the draft provided has not gone to graphics yet and will look different once refined.
 3. Palencia Mobley asked if anyone has comments on the 30 year please return those to staff within the next two weeks by March 28th
4. MIC Communications Committee Update
 1. Nathan Hamilton reported that as a part of the MIC MOU with MIO, MIC has been working with Moment strategies for a plan for our communications. The communications committee met in February and discussed this plan. Some notable items from this include the 30-year strategy rollout with a press release, letter to stakeholders and outreach campaign. Next, the portal 2.0 launch and the outreach to get users integrated to the system. There will also be work to engage elected officials through education and citizen educational guides. Finally, they are updating some MIC materials like the leave behinds, branding refresh and website updates.
 1. Palencia Mobley added to the update by speaking on the importance of rate education and engaging citizens in our outreach. This will be an opportunity to have a strong public relations presence and will be key to accomplishing our goals.
 2. Kathleen Lomako would like to note that the communications committee needs to spend more time on messaging. She noted how ambitious the plan is and the limited staffing capabilities.
 1. Nathan Hamilton noted that Moment Strategies is very involved in creating and implementing the communications plan.
 2. Kathleen also asked about the leave behinds for the 30-year strategy.
 3. Nathan Hamilton and Palencia Mobley stated that they are looking into various ways to promote the strategy and materials for various audiences.
 3. Sue McCormick would like to suggest that citizen informational guides not go out with tax notices or utility bills because it is very complicated. So, we will need to find effective ways to get the information to citizens.
 1. Kathleen Lomako also noted that it is important to make sure this gets out in an intentional way.
 4. Beverly Watts would like to remind everyone to review their bio and headshot on the website and if they need edits to reach out to Nathan Hamilton and Emilee Madison.
 1. Ryan Laruwe and Nathan Hamilton would like to notify the council that at the June Meeting we are looking to get professional headshots for all council members for the website.
 2. Palencia Mobley asked the council to reach out to Nathan or Emilee by May 1st of any changes.



8) Executive Director Report

1. MIC/MIO Update Technical Assistance Center

1. Ryan Laruwe reported they were able to move the funding to a work project fund at the end of 2023 to provide a longer runway to spend the funds. Ryan stated he has been working with the Technical Assistance Center on ways to assist all communities that seek assistance from TAC. They have been exploring providing capitol planning and asset management resources so communities that are not grant ready are in a better place to pursue grants in the future. Another issue that has been raised is the struggles with grant management post receiving a grant. Ryan is working with TAC to expand pre and post grant services offered to communities.

1. Comments and Questions

1. Palencia Mobley recommended we work on prequalifying vendors for communities to work with. There would need to be pre-screening conversations with communities to know what their needs are. She would also like to recommend the MIC work with LEO/MML on the Michigan Navigator resource for grant availability to make sure we're all aligned in our efforts.

2. MIC Committee Update

1. Ryan Laruwe presented the proposed new committee structure and discussed the purview of each committee. The new proposed committees would be: administration & communications; nominations; technology programs advisory; asset management education; rates, finance, and funding; and sustainability.

1. Comments and Questions

1. Ratemaking Committee

1. Palencia Mobley spoke to the water perspective and the complexities of ratemaking in regard to water rates.
2. Doug Matthews stated that in regard to the issues he's seen in ratemaking the importance of asset management is apparent.
3. Sue McCormick highlighted the importance both asset management practices and capitol planning has on communities. She stated she sees many communities lacking structure in capital planning.
4. Marco Bruzzano stated that he supports the creation of the ratemaking committee and would like to know ideas on what the committee plans to do.
 1. Ryan Laruwe stated that he plans to work with external stakeholders from academic agencies or other organizations who already have ratemaking programs in place to expand upon those.

5. Palencia Mobley spoke on the importance of low-income programming and education to citizens.

2. Sustainability

1. Kathleen Lomako would like to note the contentious phrasing of "responsible land use" and see if we can rephrase the purview of that committee to have less contentious language.
2. Sue McCormick would like us to avoid using the word conservation and use less controversial terms like stewardship, ect.
3. Doug Matthews would like to note that when you start mentioning usage of public lands it is important to think about what public groups will be impacted or could be upset about it



3. Ryan Laruwe stated that anyone who would like to join the various committees can reach out to one of the Staff members to be placed, he would like to note the council member names listed on the attachment in the packet are suggestions
- 9) New Business – let the record note, this was moved up in agenda so all voting members present could participate
 1. WAMC Strategic Planning Funding
 1. Discussion
 1. Ryan Laruwe provided background on the resolution and how the strategic planning session will be held.
 2. Sue McCormick spoke on the resolution, she stated they have been in discussion of doing this since the creation of WAMC, so this funding is essential to help WAMC's efforts.
 3. Ryan Laruwe stated post strategic planning session it will be an opportunity for MIC to allocate funding for WAMC to meet specific programming goals
 2. Questions
 1. No Questions at this time
 3. Approval of Funding for Water Asset Management Council Strategic Planning [2024-01]
 1. Motion by Erin Kuhn to adopt Resolution 2024-01
 2. Motion supported by Marco Bruzzano
 3. Motion carried without dissent.
- 8) Executive Directors Report Continued
 1. MIC Work Plan
 1. Ryan Laruwe reported updates to the 2024 FY work plan.
 1. Kathleen Lomako asked when will the funds need to be figured out to ensure the budget is not reduced for next FY.
 2. Ryan Laruwe stated that in the next few months a plan will need to be made to ensure we allocate our FY budget.
 3. Next, Ryan gave updates on professional development fund allocation for Emilee Madison and Nathan Hamilton. Emilee will be starting a data analytics bootcamp soon to help with our dashboard goals.
 2. SADA Systems – Free Pilot CMMS Systems
 1. Ryan reported that as a part of the Project Portal Contract were able to offer a free 6 month pilot of SADA's ATOM software. This will allow for the development of support for pilot communities from SADA and explore opportunities to integrate with Project Portal. Ryan asked if any council members know of communities that would benefit from the program to reach out to Ryan so they can be included.
 1. Palencia Mobley asked if a presentation and demonstration could be offered for council members who are interested.
 2. Ryan stated that he would be able to send out something for that.
 3. Sue McCormick raised a concern about it only being a 6 month trial and what will the communities be left with afterwards.
 4. Palencia talked about how collective purchasing is something we need to explore in the future.
 5. Ryan stated if anyone was interested in being involved in this pilot program to reach out to Ryan.
 3. Portal Soft Launch
 1. Ryan reported that they are working with groups to get some projects in the portal for the official launch later this year. He stated he is working with DTE and consumers to start getting their projects in there as well.



10) MIC Staff Update

1. Newsletters

1. Nathan Hamilton provided an overview for new members of what the newsletter is and provided information on the newsletter changes that include the new format being bimonthly and a new section for council shoutouts.

2. Joint Conference & Joint Meeting

1. Nathan Hamilton reported that the conference committee meeting has continued to meet and plan. The dates will be August 13th through August 14th for a day and a half conference. The venue at the L.V. Eberhard Center at Grand Valley State University. The name of the conference will be the Integrated Infrastructure Conference with a theme of “Creating a culture of asset management for a brighter future.” Speakers and presenters are being planned at this time and more information to come. Nathan stated that if council members have any conference content ideas to reach out to staff within the next week or so. The joint MIC/TAMC/WAMC meeting will be held on August 12th at the Holiday Inn and will include council updates and a dinner. Our Q3 meeting is being planned to be held on August 14th after the close of the conference from 2:00-4:00pm.
2. Ryan asked for members to RSVP so MIC can get the hotel rooms booked for the council members so members will not have to go through the reimbursement process.

11) Old Business

1. There is no old business at this time

12) Council Reports

1. Water Asset Management Council

1. Sue McCormick reported that officers were elected, strategic planning has started to begun the RFP process, reviewing data from their first round of surveying and should have a report on it shortly. She stated they have been working with EGLE to create a new survey for small communities and unfortunately they don’t have the data storage systems in place to do so. So they will need to continue using the survey monkey for collections of data.
1. Ryan highlighted upcoming presentations WAMC will be joining him on at the APWA Conference located at the Boyne Mountain Resort in May 2024.

2. Transportation Asset Management Council

1. Bradley Sharlow reported that the draft annual report is being worked on, set to be approved at the April meeting then it will go to the legislature. They approved \$317, 000 for local agencies for nonfederal aid data collection in communities who historically have struggled to collect data. They are sending out letters to those agencies. They also have two policies that have been updated and approved, one for data collection for more specifics on funding and a culvert policy for agencies to report more data/monitoring on this. He reported MTech is offering an upcoming culvert training. FY 25 work program was finalized and has been submitted to MAR/MTPA and they are continue meeting with them to finalize it. CSS is continuing to work on the IRT and TAMC support tools and thank the MIC for that project funding. The council will have a new RPA member to the council at the next meeting who will be appointed by the State Transportation Committee.
1. Kathleen Lomako asked specifics on the culvert data collection.
2. Bradley stated that it will ideally take 5 years to collect and will be an ongoing effort, but they are working on the data collection capacity that will take and the costs associated.



13) Round-table Discussion

1. No discussion at this time

14) Next Meeting Date

1. June 6, 2024

15) Adjournment

1. Meeting adjourned at 3:00pm

Roll Call:

Present:

- Palencia Mobley
- Michelle Beckwith
- Charyl Kirkland
- Doug Matthews
- Daniel Lord
- Sue McCormick
- Erin Kuhn
- Kathleen Lomako
- Marco Bruzzano
- Charles Marshall
- Bradley Sharlow
- Jonathan Mallek
- Beverly Watts

Absent:

- John Daly III – joined virtually
- Aaron Keatley
- Joanna Johnson
- Jessica Thomas

Guests

- Ryan Laruwe
- Nathan Hamiton
- Emilee Madison

DATE: June 21, 2024

TO: MIC Members

FROM: Erin Kuhn, Program Chair

SUBJECT: Q2 AM Champions Program Update

In May, the Michigan Infrastructure Council (MIC) reached a significant milestone in our education and training efforts. I am incredibly proud to share that with the graduation of over 100 participants from our latest cohort, we have now graduated over 500 professionals from the Asset Management Champions program. This program has given asset owners essential tools and techniques to manage our infrastructure better for decades to come. It has also established a community of 500 peers with consistent knowledge of Asset Management and developed relationships that will foster continued growth. A press release is being drafted to celebrate the milestone and promote the next class. Cohort seven will begin in August, and recruitment is underway within Treasury and many external partners.

I'm looking forward to the next 500 Champions!

We also completed a contract milestone regarding our webinars. We have hosted our final webinar for the fiscal year. In April, MIC hosted a webinar highlighting the Technical Assistance Center (TAC) from the Michigan Infrastructure Office. Kristin Brady, Director TAC, provided a presentation to program participants and previous graduates. The TAC supports Michigan communities in accessing funding for their infrastructure projects by providing technical assistance to identify and write federal discretionary grants and match funding reservations. The TAC has completed two application rounds and will launch more in the summer.

Kristin discussed the following items:

- An overview of the Technical Assistance Center.
- Described how applicants are determined to be eligible for technical assistance and/or match.
- Outlined the next opportunity window to apply for technical assistance and/or match which will be available to communities.
- Outlined opportunities for TA outside of the Technical Assistance Center.

If any member is interested in viewing this webinar and other previous webinars, please get in touch with MIC staff.



Michigan Infrastructure Council Launches New and Improved Project Portal 2.0

May 14, 2024

The Michigan Infrastructure Council (MIC) today announced it has launched the MIC Project Portal 2.0 (MiDIG). This innovative online tool revolutionizes infrastructure planning by fostering collaboration between public and private infrastructure asset managers early in the project cycle to facilitate a “dig once” approach. This approach aims to minimize disruption and cost associated with infrastructure projects by coordinating the installation of various utility lines (broadband, water, energy) during a single construction cycle.

“MiDIG is a powerful new addition to Michigan's infrastructure toolbox. This innovative platform will make it easier and more affordable to complete essential projects in our communities, like fixing roads and bridges, improving stormwater management, and upgrading utilities,” said MIC Council Member Beverly Watts. “By working together today, we can create sustainable infrastructure systems for generations to come. MiDIG will be a critical piece in this work.”

MiDIG facilitates streamlined infrastructure planning by providing a secure, cloud-based platform for collaborative project management. This centralized repository integrates data from diverse sources (water lines, roads, etc.) and visualizes it on a geospatial map. Leveraging advanced technologies like Geographic Information Systems (GIS), Artificial Intelligence (AI), and Machine Learning (ML), MiDIG empowers planners with comprehensive project oversight. Through intelligent data analysis, MiDIG identifies potential conflicts and overlaps between projects at an early stage, enabling proactive collaboration and mitigation strategies. This proactive approach minimizes delays and ensures cost-effective project execution.

“Modernizing the way infrastructure owners plan and coordinate capital construction projects will help us ensure we dig once and maximize our infrastructure investments,” said MIC Chair Palencia Mobley, P.E. “With new functionality and increased usability, we’re eager to see how the improved portal increases coordination and outcomes.”



With the passage of the Bipartisan Infrastructure Law (BIL), Inflation Reduction Act (IRA), and CHIPS and Science Act, Michigan has a once-in-a-generation opportunity to implement transformative infrastructure, climate and economic development projects throughout the state. With MiDIG, we can stretch every infrastructure dollar further, maximizing the return on investment for Michigan communities as we rebuild and strengthen our infrastructure for the future.

“Michigan has brought home more than \$10 billion to rebuild our infrastructure through President Biden’s Bipartisan Infrastructure Law and we have a duty to spend those funds as efficiently and effectively as possible, said Zachary Kolodin, chief infrastructure officer and director of the Michigan Infrastructure Office. “MiDig will enable Michigan to implement a ‘Dig Once’ policy – synchronizing road, water, and broadband infrastructure work to minimize disruption and save taxpayer dollars.”

In addition to MiDIG, MIC offers the [Asset Management Champions program](#). This free program is available to all infrastructure owners and sets out to establish a network of individuals and organizations to help strengthen and "champion" best practice asset management across Michigan's complex infrastructure environment.

To learn more information about the Michigan Infrastructure Council, please visit www.michigan.gov/mic.

About the Michigan Infrastructure Council

Cultivating partnerships that strengthen Michigan's Infrastructure to provide the foundation for public and environmental health, economic prosperity and quality of life.



New Committee Structure



Administration



Nominations



Communications



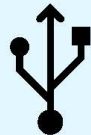
AM Education



Rates, Funding, Finance



Climate Adaptation & Resilience



AM Systems & Emerging Tech

Monthly Meetings

- Annual Workplan, RFPs, budget, and funding
- Council alignment efforts
- Speaking engagements
- Legislative and agency inquiries
- Advocacy

Members:

- Palencia Mobley
- Kathleen Lomako
- Erin Kuhn
- Joanna Johnson
- Sue McCormick

3-4 Meetings Annually

- WAMC Nomination Process and Procedures
- Nominee Solicitation and Review
- Recommendations to the Council at the Annual Meeting

Members:

- Beverly Watts
- John Daly III
- Jessica Thomas
- Charyl Kirkland
- Sue McCormick

Bi-Monthly Meetings

- MIC Outreach Strategy (30-Year)
- MIC branding, one-pagers, website, promotional printed materials
- Work plan from Moment (Vendor)

Members:

- Marco Bruzzano
- Aaron Keatley
- Palencia Mobley
- Erin Kuhn

Bi-Monthly Meetings

- AM Champions Program
- AM 201 Program
- AM for Elected Officials
- Annual Conference Planning

Members:

- Erin Kuhn
- Todd White
- Palencia Mobley

Bi-Monthly Meetings

- Public education
- wholesale v regionalization education
- Shared services, financial incentives and disincentives
- Revenue Diversification Opportunities

Members:

- Kathleen Lomako
- Palencia Mobley
- Joanna Johnson
- Marco Bruzzano
- Sue McCormick
- John Daly III

Bi-Monthly Meetings

- Infrastructure Energy Benchmarking
- Energy Waste Reduction Strategies
- Land Use
- Renewables and Electric Vehicle Infrastructure

Members:

- Doug Matthews
- Chuck Marshall
- Jonathan Mallek
- Dan Lord

Bi-Monthly Meetings

- Project Portal (MiDIG) development and process improvements
- Statewide Infrastructure Dashboard Development
- AM Software Offerings

Members:

- Beverly Watts
- Eric Swanson
- Todd White
- Palencia Mobley

Staff Update Q2

1. **MIC Accomplishments** (March-June)
 - a. Launch of MIO AM for Grant Applications and Grant Operations- March 29, 2024
 - b. Presented at the MWEA Asset Management Seminar – April 18, 2024
 - i. Eagle Eye Lansing, MI
 - c. Regional Focus Groups – RICH Hubs – April 30, 2024
 - d. [Launch of the MIC Project Portal 2.0 - May 14, 2024](#),
 - e. Presented at the APWA Expo – May 22, 2024
 - i. Boyne Mountain, MI
2. **WAMC Strategic Planning Sessions**
 - a. No bids were received on the initial request for quotes. Proposing increased funding to accomplish the project in FY24.
3. **MIC Project Portal**
 - a. Working with SEMCOG as our first system for integration into the system via API.
 - i. In discussions with DTE and CMS for energy projects.
 - b. Participating Agencies
 - i. Kalamazoo Area Transportation Study
 - ii. Muskegon County Road Commission
 - iii. City of St. Joseph
 - iv. Peninsula Broadband
 - v. SEMCOG
 - vi. MDOT
 - c. Beverly and Palencia provided an interview for Bridge Magazine regarding the MIC and the Portal 5/21/24. Story will be published the week of June 2, 2024.
4. **MIC Technical Assistance** – DTMB has provided the MIC legislative authority to contract with local and regional governments for asset management activities. Looking to pre-qualify vendors in the next quarter for this program.
5. **MPSC/MDOT/MIC** – Grid Resilience & Innovation Partnerships – MIC is supporting the MPSC’s GRIP Grant as a subject matter expert and convenor. Complete application was submitted in April 2024. Grant announcements expected in August 2024.
6. **US Treasury Visit** – The MIC will be participating in an upcoming visit from the US Treasury to discuss direct pay tax credits with disadvantaged communities across the State in late June.
7. **30-Year Integrated Infrastructure Strategy** – In February the MIC Staff worked with the Steering Committee to finalize language for the Strategy. Ciesa Design in Lansing, MI is currently working on the final design and publication of the Strategy for June 2024.
8. **Dig Once Permitting** – The MIC is working with the Governor’s office to explore opportunities to streamline permitting for “dig once” projects developed through the MIC Project Portal in line with [Executive Directive](#) 2022-6
9. **Integrated Infrastructure Conference 2024** – Grand Rapids, MI August 12-14. Finalizing agenda and launching registration in early 2024.
10. **Annual Report** – Being drafted by Emilee M, plan to have a Q3 for Council review and approval before 9/31/24 deadline. See next page for outline:

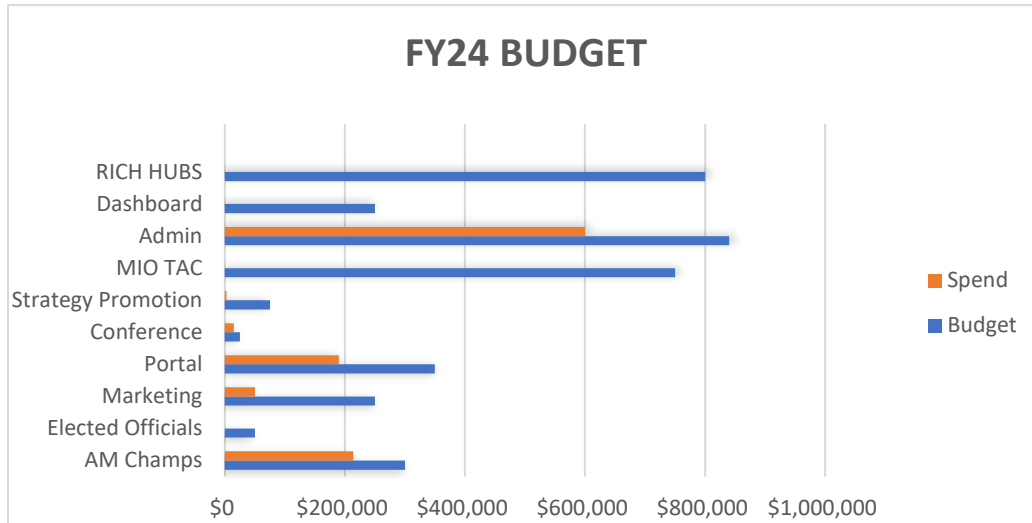
ANNUAL REPORT TENTATIVE OUTLINE

- Cover Page **[1 pg]**
- Letter from the Chairperson **[1 pg]**
- Table of Contents **[1 pg]**
- Introduction **[10 pg]**
 - (background, council, budget, workplan, outreach, year in review, & 30 year strategy)
- Statewide Culture of Asset Management **[3 pg]**
 - AM Education Committee
 - Programs (AM Champs, conference)
 - Future Goals
 - List potential programs in hopper (AM 201, AM Elected Officials, citizens Guide)
 - Milestones for current programs for next year
- Regional Infrastructure Coordination Hubs (RICH) **[2 pg]**
 - Statewide Integrated AM System & Emerging Technology Committee
 - Programs (MiDig, RICH Pilot)
 - Future Goals
 - List potential programs/expansion to programs in hopper
 - Milestones for current programs for next year
- Unified Planning & Regulatory Framework **[2 pg]**
 - Statewide Integrated AM System & Emerging Technology Committee
 - Programs/Initiatives (strategic partnerships & community dashboard)
 - Communications Committee (work with moment)
 - Administration Committee (joint council monthly meetings)
 - Mention work with TAMC (IRT) & WAMC (Strategic Planning & Nom Committee)
 - Future Goals
 - List potential programs in hopper
 - Milestones for current programs for next year
- Rethinking Rates & Revenues **[1 pg]**
 - Rates, Funding, & Finance Committee
 - Programs/Initiatives (MSU program)
 - Future Goals
 - List potential programs in hopper
 - If applicable: Milestones for current programs for next year
- Efficient & Green Public Infrastructure Systems **[1 pg]**
 - Climate Adaptation & Resilience Committee
 - Programs/Initiatives (GRIP Application)
 - Future Goals
 - List potential programs in hopper
 - If applicable: Milestones for current programs for next year
- Leaders in Emerging Technology **[1 pg]**
 - Statewide Integrated AM System & Emerging Technology Committee
 - Programs (Predictive analytics to forecast asset condition)
 - Future Goals
 - List potential programs in hopper
 - If applicable: Milestones for current programs for next year
- Conclusion **[2 pg]** (Goals & Contact Info)

Total pages: 25



11. Communications & Outreach Plan – Working with Moment Strategies and Change Media to develop outreach for Project Portal, legislature, and general public. Received new branding package based on Council feedback.
12. Budget Updates:



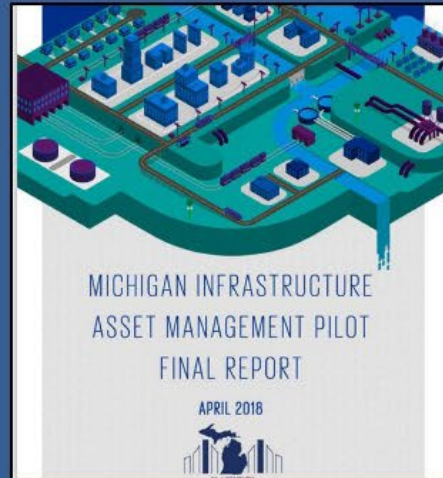


30-Year Integrated
Infrastructure Strategy



21st Century Infrastructure Commission 2016-2017

Michigan will lead the nation in creating 21st century infrastructure systems that will include, at a minimum, innovative technology, sustainable funding solutions, sound economic principles, and a collaborative and integrated asset management and investment approach that will enhance Michiganders' quality of life and build strong communities for the future



Infrastructure Asset Management Pilot 2017-2018

By understanding the varying conditions, personalities, needs, and nuances of our Michigan communities, we began to develop consistency in how we should approach statewide asset management standards and practices. We believe this methodology will open the door for successful problem solving on a statewide level.

Michigan has an annual funding gap of nearly \$4 billion to address critically required infrastructure improvements and maintenance. Current taxes and user fees do not raise sufficient revenue and the state lacks sustainable funding sources to build infrastructure systems for today, as well as for the future. Coordinated asset management and the Michigan Infrastructure Council's leadership can help to prioritize infrastructure planning and investment, as well as provide incentives that encourage collaboration and efficiencies to deliver value to Michigan's residents, who pay the tab.

*21st Century Infrastructure Council
Final Report*



30- Integrated Infrastructure Strategy

Hallmark of Public Act 323 of 2018
Michigan Infrastructure Council Act

MIC 30-Year Steering Committee

The Strategy will encourage community discussion, guide prioritization, promote sound investments, and minimize citizen inconvenience through more coordination and collaboration that can enhance infrastructure performance and improve quality of life for Michigan's residents.

- First of its kind in Michigan and nationally
- Culmination of the first 5 years of the MICs journey
- Designed to be adaptable to statewide priorities
 - Will be updated every 5-years





21st Century Infrastructure

Michigan's infrastructure systems are highly dependent upon one another to provide safe, affordable, reliable infrastructure services. Similarly, strategies must work together to achieve our big picture goals and aspirations. This is the role of the 30-Year Integrated Infrastructure Strategy.

Integrated Infrastructure Strategies

By considering the interconnectedness of infrastructure systems and the shared needs of various stakeholders, we can develop a comprehensive strategy that strengthens these systems and unlocks their full potential, ultimately benefiting all core business strategies.



DEVELOPMENT

Thank you all for your support and insights!



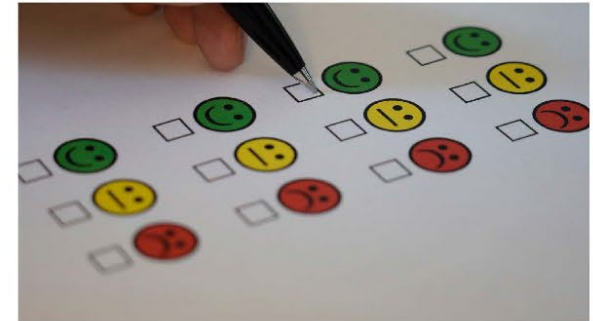
Strategy Workshops

Over 200 individuals from Michigan invested their time in our 2022-2023 Strategy development workshops, shaping the future direction of our organization.



AM Champions

We incorporated the valuable insights from over 500 AM Champions across the state.



Public Survey

Over 425 citizens shared their perspectives on infrastructure through an online survey, helping to shape our Strategy.



Challenges

Cross-cutting challenges identified through outreach and opportunities for action.

FIGURE 8-1 Current and Future Michigan Infrastructure Context and Challenges



2023 Michigan Infrastructure Public Survey

In 2023, the Michigan Infrastructure Council undertook a public survey to understand perceptions of Michigan infrastructure by asking respondents to rate the service they are receiving.

The public survey had 469 participants from across the State of Michigan.

Roads Bridges and Highways	D+
Stormwater infrastructure	C
Drinking Water System	A-
Wastewater/Sewer System	A-
Natural Gas System	A-
Electric infrastructure System	B
Broadband Service	B

2023 ASCE Michigan's Infrastructure Report Card

This assessment considers capacity, condition, funding, future need, operation and maintenance, public safety, resilience, and innovation to "grade" infrastructure.

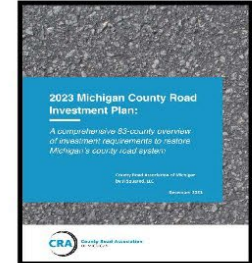
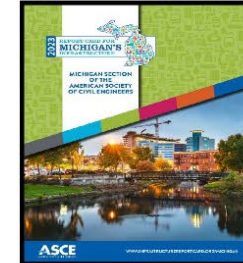
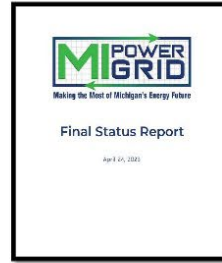
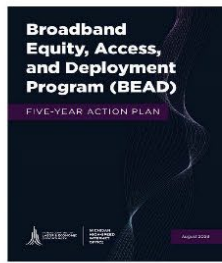
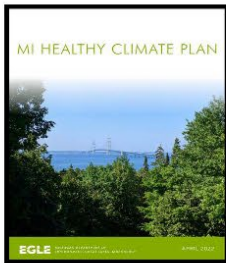
A "C" grade identifies that the system or network "requires attention!" A "D" grade identifies the infrastructure as "at risk" (The state's broadband infrastructure did not receive a grade because of insufficient available data.)

Roads	D	Bridges	D+
Stormwater infrastructure	D		
Drinking Water System	D+		
Wastewater/Sewer System	C		
Natural Gas System	D		
Electric infrastructure System	D		
Broadband Service	N/A		



GUIDING PRINCIPLES

Effective strategy isn't about creating more work – it's about working smarter.



Infrastructure is a Shared Responsibility

An effective strategy empowers everyone to contribute their best. This means ensuring clear roles with the resources needed for success, fostering open and timely communication, and guaranteeing alignment between actions and desired societal outcomes.





Culture of Asset
Management



Regional Infrastructure
Coordination Hubs



Unified Planning and
Regulatory Framework



Rethinking Rates &
Revenues



Green and Efficient
Infrastructure



Emerging Technology

Culture of Asset Management

Public Act 323 of 2018, Sec.(4)(e)(vii)

Coordination with the transportation asset management council and the water asset management council to ensure that training and education programs that address all of the following are coordinated across assets:

(A) Asset management principles and plan development.

Partners



MIC Training Programs

AM Champions Program (101)

Asset management principles, processes, and agency readiness assessments (AMRS)

Elected Officials Training

(Coming Soon..)

Understanding the big picture of asset management and communicating the value of AM programs to constituents.

AM Plans and Policy (201)

Templates and workshops on developing TAMC/WAMC compliant AM Plans and Policies based upon the principles of the AM Champions Program

MIC Tools & Resources

Citizens Guide to Infrastructure and Asset Management

(Coming Soon...)

Empower residents with knowledge and understanding of the complex systems that underpin their daily lives

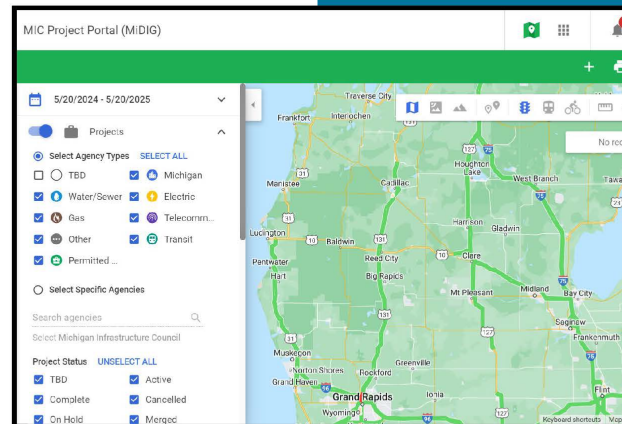


Regional Infrastructure Coordination Hubs (RICH) Pilot

Public Act 323 of 2018, Sec. (4)(e)(iii)

Identify and designate a process to plan, analyze, and coordinate asset management across assets and asset owners at the regional level. This process may be implemented through regional planning agencies, the regional prosperity initiative regions, or another approach, which may vary among regions, that ensures all areas of the state are included and efforts are consistent with state and federal requirements. Regions shall be responsible for maintaining and managing the statewide database at a regional level....

Recommendations related to the appropriate level of financial support for local asset data collection, local development of asset management plans, regional review and collaboration, and participation in an integrated statewide asset management system.



MIC Project Portal (MiDIG)

Convene stakeholders to plan and deliver integrated infrastructure projects. Developing use cases and processes for the MiDIG system.

AM Data Collection

Helping communities unlock the power of data driven decision making by filling data gaps.

Shared Services/Mutual Assistance

Establishing frameworks for sharing resources locally to improve resilience.

Pilots and Proof of Concept

Piloting innovative asset management technologies to improve program efficiency



Unified Planning and Regulatory Framework

Public Act 323 of 2018, Sec. (4)(e)(vi),

A process to coordinate the planning efforts of the transportation asset management council, the water asset management council, the Michigan public service commission, and the Michigan economic development corporation, with other state-required asset management planning requirements. In coordinating planning efforts under this subparagraph, the Michigan infrastructure council shall endeavor to provide efficiencies to the planning process and to reduce any unnecessary duplication of effort....

Development of consistent and coordinated state department, transportation asset management council, and water asset management council asset management plan components and requirements



Infrastructure Dashboard

“A public dashboard of state, regional, and local system performance across asset classes.” (Public Act 323 of 2018)

- F65 Annual Reports (Treasury)
- Financial Reports/Audits (Treasury)
- TAMC Dashboards (MDOT)
- WAMC Survey Results (EGLE)
- Electric Reliability Reporting (MPSC)

Policy Priority: Process Alignment

“A process to coordinate the planning efforts of the transportation asset management council, the water asset management council, the Michigan public service commission, and the Michigan economic development corporation, with other state-required asset management planning requirements” (Public Act 323 of 2018)

- MiDIG System
- Permitting
 - Executive Directives 2022-6, 2023-4
- Revolving Loans/Grants/Revenue Sharing
- Michigan Strategic Fund
- Technical Assistance and J40

Efficient and Green Infrastructure

Public Act 323 of 2018, Sec. (4)(d)

Undertake research and advise on matters relating to asset management, including all of the following:

- (i) Funding and financing models.
- (ii) Best practices.
- (iii) Information technology advancements.
- (iv) Emerging technology to advance smart systems.
- (v) Right sizing and cost-efficiencies.
- (vi) Impediments to delivery.
- (vii) Opportunities for greater coordination and collaboration across asset classes and asset owners.
- (viii) Align and link state incentives to asset performance improvement goals, including cost control, asset management, operational efficiency, and cost-effective regional solutions



Partners



Mi Healthy Climate Plan

Supporting decarbonization of infrastructure systems to meet statewide goals.

2023 Energy Legislation

Supporting infrastructure system participation in energy waste reduction and demand response program.

Right of Way (ROW) Study

Utilizing ROW for accelerated deployment of electric transmission, broadband and solar power

Green Tax Policy

Educating public stakeholders on payment in lieu of taxes, direct pay renewable tax credits, industrial processing tax credits.



RETHINKING RATES AND REVENUES

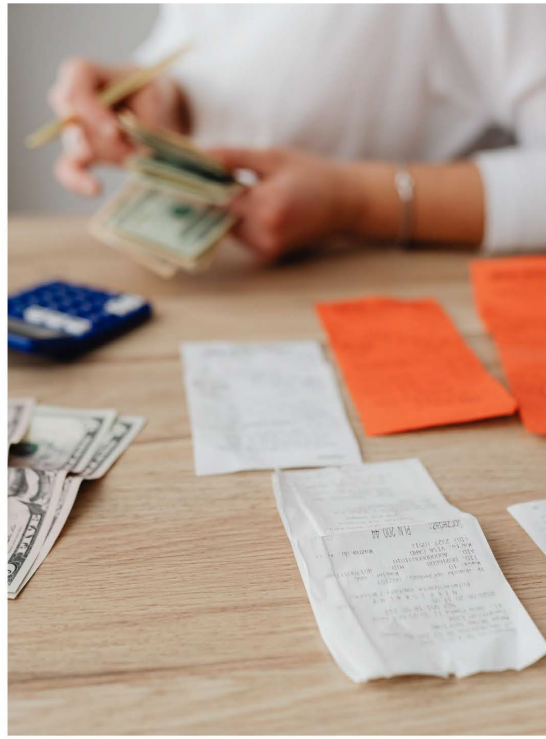
Public Act 323 of 2018, Sec. (4)(d)

Undertake research and advise on matters relating to asset management, including all of the following.....
Funding and financing models.

Public Act 323 of 2018, Sec. (4)(e)(x)

Development of consistent and coordinated state department, transportation asset management council, and water asset management council asset management plan components and requirements including, but not limited to... Revenue structure, investment strategy, and capital improvement plan

Partners



MIO Technical Assistance Center

Maximizing Michigan's share of federal funding from Bipartisan Infrastructure Law.

Ratemaking Training

Building ratemaking capacity in our public infrastructure workforce.

Clean Energy Future Plan

Guiding communities to make the most of clean energy revenue sources and underutilized land.

- EV Charging (PA135)
- Distributed Generation (PA235)
- Solar PILT (PA108)

Gas Tax Reform Advocacy

Fair and efficient funding for roads and bridges and proper asset management.



LEADERS IN EMERGING TECHNOLOGY

Public Act 323 of 2018, Sec. (4)(d)

Undertake research and advise on matters relating to asset management, including all of the following:

(iv) Emerging technology to advance smart systems.

Public Act 323 of 2018, Sec. (4)(f)(iii),

Develop and publish a 30-year integrated infrastructure strategy that is updated every 5 years and includes all of the following:

(C) Network intelligence in asset management planning and monitoring. Retrofit technologies should be considered, pursued, and incorporated as they become available for upgrades and maintenance activities to existing and future assets.

Partners



AM Software

Working with WAMC to improving access to software that can automate asset management for water systems.

AM Data Collection

Improving inspection and data collection safety and efficiency with innovative tech such as geographic information systems (GIS) and drones.

Network Intelligence

Exploring how sensor and digitization of historic system information can help transition to predictive maintenance approaches.

Artificial Intelligence

Exploring how AI can be leveraged in the infrastructure space to optimize resource allocations.



NEXT STEPS: IMPLEMENTING THE STRATEGY



SAVE THE DATE

Integrated Infrastructure Conference

Creating a Culture of Asset Management
For a Brighter Future

Tuesday, August 13, 2024
8:00 am-5:00 pm
Wednesday, August 14, 2024
8:00 am-12:00 noon

Location: Grand Valley State University
L.V. Eberhard Center
301 West Fulton Street
Grand Rapids, Michigan 49504

Lodging: Holiday Inn, 310 Pearl Street NW
Grand Rapids, Michigan 49504



Council Alignment

Establishing MIC committees and subject matter expert committees to oversee action implementation.

Outreach and Engage:

Meeting with stakeholders statewide to understand ongoing work in action areas and where MICs resources can be best deployed.

Program Support and Development

Providing specialized knowledge to other infrastructure initiatives and developing new programs where necessary.

Advise and Advocate

Provide the legislature the information they need to make infrastructure decisions.

Measure and Improve:

Track progress on infrastructure performance goals, identify areas for improvement, and update the 30-Year Strategy (5-Year Cycle)



THANK YOU

We are excited about collaborating to shape the future of
Michigan's infrastructure.



www.Michigan.gov/MIC



Resolution 2024 - 02

Resolution Approving the 30-Year Integrated Infrastructure Strategy

WHEREAS, Public Act 323 of 2018, the Michigan Infrastructure Council Act (the “Act”), requires the Michigan Infrastructure Council (the “Council”) to develop and publish a 30-year integrated infrastructure strategy (the “Strategy”); and

WHEREAS, Section 4(f)(iii) of the Act further specifies that the Strategy be updated every five years; and

WHEREAS, the Council recognizes the critical importance of a comprehensive, long-term vision for Michigan’s infrastructure to ensure a safe, reliable, and resilient system that supports economic growth and a high quality of life for all residents; and

WHEREAS, over a two-year period, the Council has diligently developed the Strategy through a collaborative process, incorporating the expertise of:

- Infrastructure consultants
- Members of the Michigan Infrastructure Council (MIC), Water Asset Management Council (WAMC), and Transportation Asset Management Council (TAMC)
- Over 1,000 infrastructure stakeholders reached through outreach programs, the AM Champions program, and a web-based public survey; and

WHEREAS, the Strategy aligns with the Council’s workplan, fulfilling its legislative duties while also considering recent infrastructure legislation and ongoing statewide initiatives; and

NOW, THEREFORE, BE IT RESOLVED that the Michigan Infrastructure Council hereby approves the publication of the 30-Year Integrated Infrastructure Strategy.

BE IT FURTHER RESOLVED that the Council staff will facilitate the dissemination of the Strategy and its actions to a broad audience, including policymakers, infrastructure owners and operators, and the general public.

BE IT FURTHER RESOLVED that the Council will utilize the Strategy to guide its future work program, ensuring continued progress towards achieving Michigan’s long-term infrastructure goals.

BE IT FURTHER RESOLVED that the Council will release its next 30-Year Integrated Infrastructure Strategy in 2029.

Adopted this ____ day of _____, 2024.

Resolution 2024 - 03**Resolution Updating the Michigan Infrastructure Councils
Fiscal Year 2024 Meeting Schedule**

WHEREAS, the Michigan Infrastructure Council (the “Council”) established a meeting schedule for Fiscal Year 2024 (FY24) at its December 7, 2023 meeting; and

WHEREAS, unforeseen circumstances necessitate adjustments to the FY24 meeting schedule to optimize Council efficiency, ensure quorum and continue to move forward the work plan of the Council.

NOW, THEREFORE, BE IT RESOLVED by the Michigan Infrastructure Council as follows:

Section 1. Meeting Schedule Update.

The originally established FY24 meeting schedule is hereby amended as follows:

- **Original Schedule:**
 - Q3 – August 14, 2024 – MIC Conference Grand Rapids, MI – 1-3pm
 - Q4 – December 5, 2024 – Treasury Operations Building – 1-3pm
- **Updated Schedule:**
 - **Quarter Three (Q3):**
 - September 5, 2024 – Treasury Operations Building - 1-3pm
 - **Quarter Four (Q4):**
 - November 21, 2024 – Treasury Operations Building – 1-3pm

Section 2. Public Notice. The Council shall provide timely public notice of the updated meeting schedule through its website, email list, and any other appropriate channels.

Section 3. Effective Date. This Resolution shall take effect upon its passage.



Resolution 2024 - 04**Resolution Approving the Updates to the MIC 2024
Workplan**

WHEREAS, Public Act 323 of 2018, the Michigan Infrastructure Council Act (the “Act”), allows for the creation of the Michigan Infrastructure Council (the “Council”) within the Michigan Department of Treasury; and

WHEREAS, the Council is charged with developing and implementing a multi-year program to improve infrastructure asset management across the State of Michigan; and

WHEREAS, on September 7, 2023, the Council adopted a Workplan for 2024 outlining key initiatives and activities; and

WHEREAS, strategic decisions and unforeseen circumstances necessitate adjustments to the Workplan to ensure the Council effectively utilizes its budget to continue to meet its statutory obligations and best serve the needs of Michigan stakeholders.

NOW, THEREFORE, BE IT RESOLVED by the Michigan Infrastructure Council as follows:

Section 1. Workplan Updates. The Council approves the following updates to the Workplan for FY24 (Attachment A):

- **MIC/MIO Technical Assistance Contract:** The existing FY24 Workplan included a line item for a dedicated MIC/MIO technical assistance contract (\$750,000). The MIC will transfer half of these funds into the RICH pilot program (\$375,000) and the remainder to a MIC Technical Assistance program (\$375,000) for local governments.
- **Elected Officials Program Expansion:** Stakeholder feedback has indicated a strong desire for a broader and deeper Elected Officials Program. The Council will expand the program's scope to include a guidance document to enhance the curriculum and share broadly via the MIC website. This will expand the budget by \$50,000 with funds coming from the Dashboard Program.
- **AM Champions Program Demand:** The AM Champions Program has experienced higher than anticipated demand from local communities. To meet this need, the Council will allocate additional resources to support Cohort 7 expansion. The new workplan includes an additional \$90,000 for an additional 75 participants in cohort 7.
- **WAMC Strategic Planning:** The initial request for quotes returned no qualified bidders due to a budget that was too low. The MIC will move \$35,000 from Strategy Outreach into the WAMC Strategic Planning program.

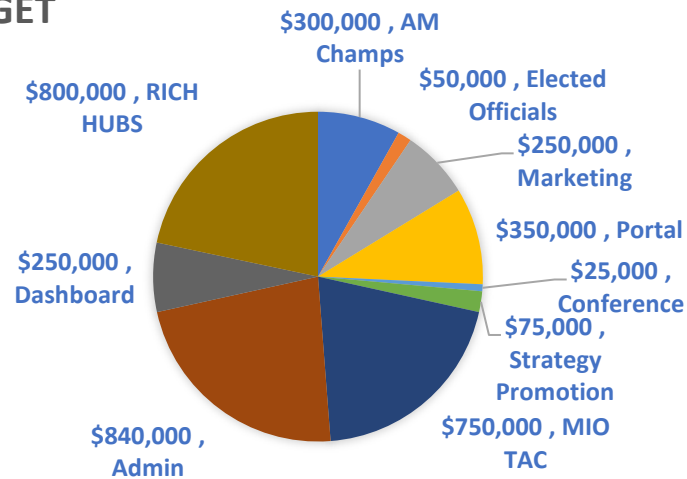


Section 2. Implementation. The Council staff shall implement the Workplan updates as outlined in Section 1. The Council will continue to monitor progress and make further adjustments as necessary.

Effective Date. This Resolution shall take effect upon its passage.

Attachment A:

FY24 BUDGET



FY24 BUDGET UPDATE

