

# State and Federal Funding Update: Water and Sewer Infrastructure

*October 26, 2021*



# Meeting Agenda

- Opening Remarks and WRC Introduction
  - *Jim Nash, Oakland County Water Resources Commissioner*
- Great Lakes Water Authority Introduction
  - *Suzanne R. Coffey, P.E., Interim Chief Executive Officer*
- SEMCOG Introduction
  - *Kelly Karll, Environment and Infrastructure Manager*
- State ARPA Funding: From Rescue to Prosperity—A Roadmap to Michigan's Future
  - *John LaMacchia, Michigan Municipal League*
- Federal Funding Update: Federal Infrastructure Bill and ARPA Spending Guidance
  - *Mary Beth McGowan, Dykema Government Policy Advisor*
- Group Discussion with Q&A

# Oakland County

*Jim Nash, Water Resources Commissioner*



# Great Lakes Water Authority

*Suzanne R. Coffey, P.E., Interim Chief Executive Officer*





# **Southeast Michigan Council of Governments**

*Kelly Karll, Environment and Infrastructure Manager*



*Developing Regional Solutions*



# **SEMICOG**

Southeast Michigan Council of Governments

# The New Future of Water Infrastructure

Southeast Michigan Council of Governments (SEMCOG)



<https://semcog.org/newfuturesemichigan>

# Priority Categories for Addressing Flooding

**Climate  
Resiliency**

**Public  
Education**

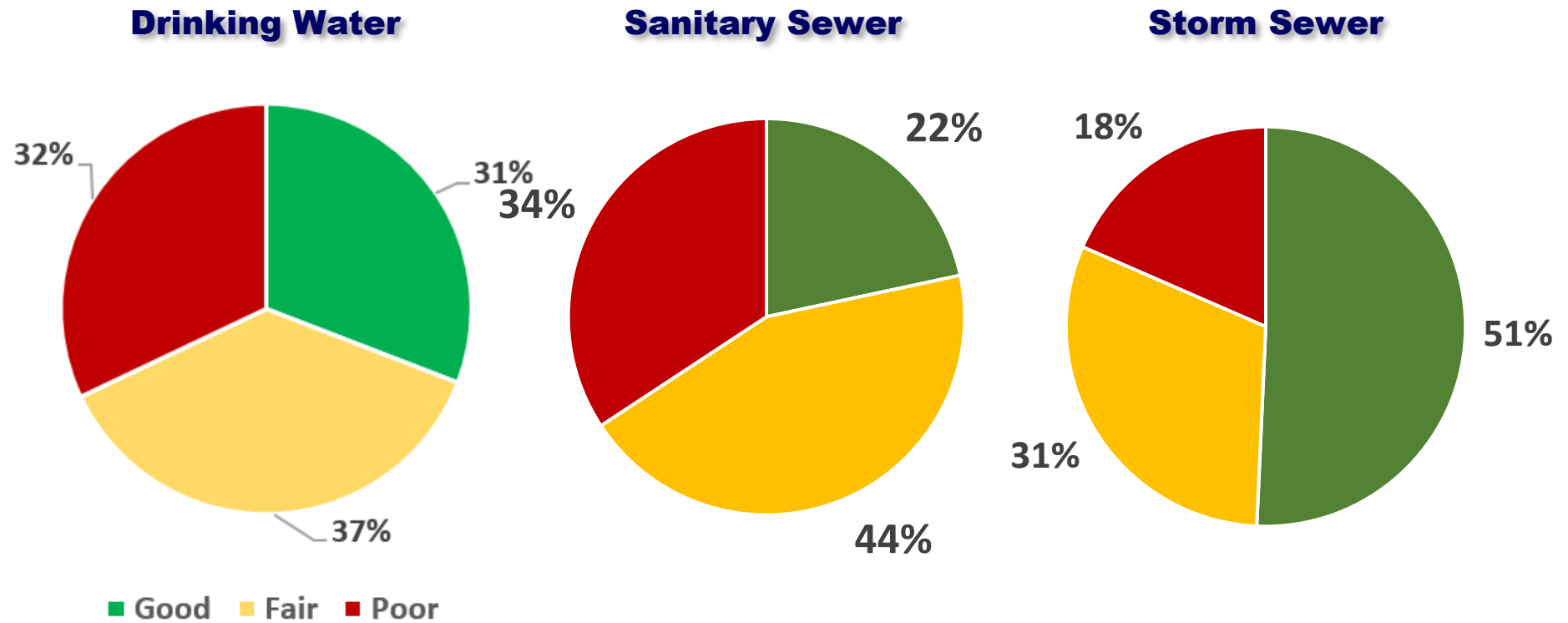
**Funding**

**Infrastructure  
Coordination**

- Based on Community Conversation on Water Infrastructure
- Focus areas for SEMCOG next steps



# Water Infrastructure Condition



# Regional Infrastructure Investment Needs thru 2045

*Transportation funding needs to increase from **\$400 million** annually to **\$1.6 Billion** annually to improve roads to 80% good/fair condition*

*Water funding needs to be at least **\$3.5 Billion** annually to improve water infrastructure to 100% good/fair condition*

***SEMCOG** region need becomes **\$5 Billion** annually*

# Key Messages

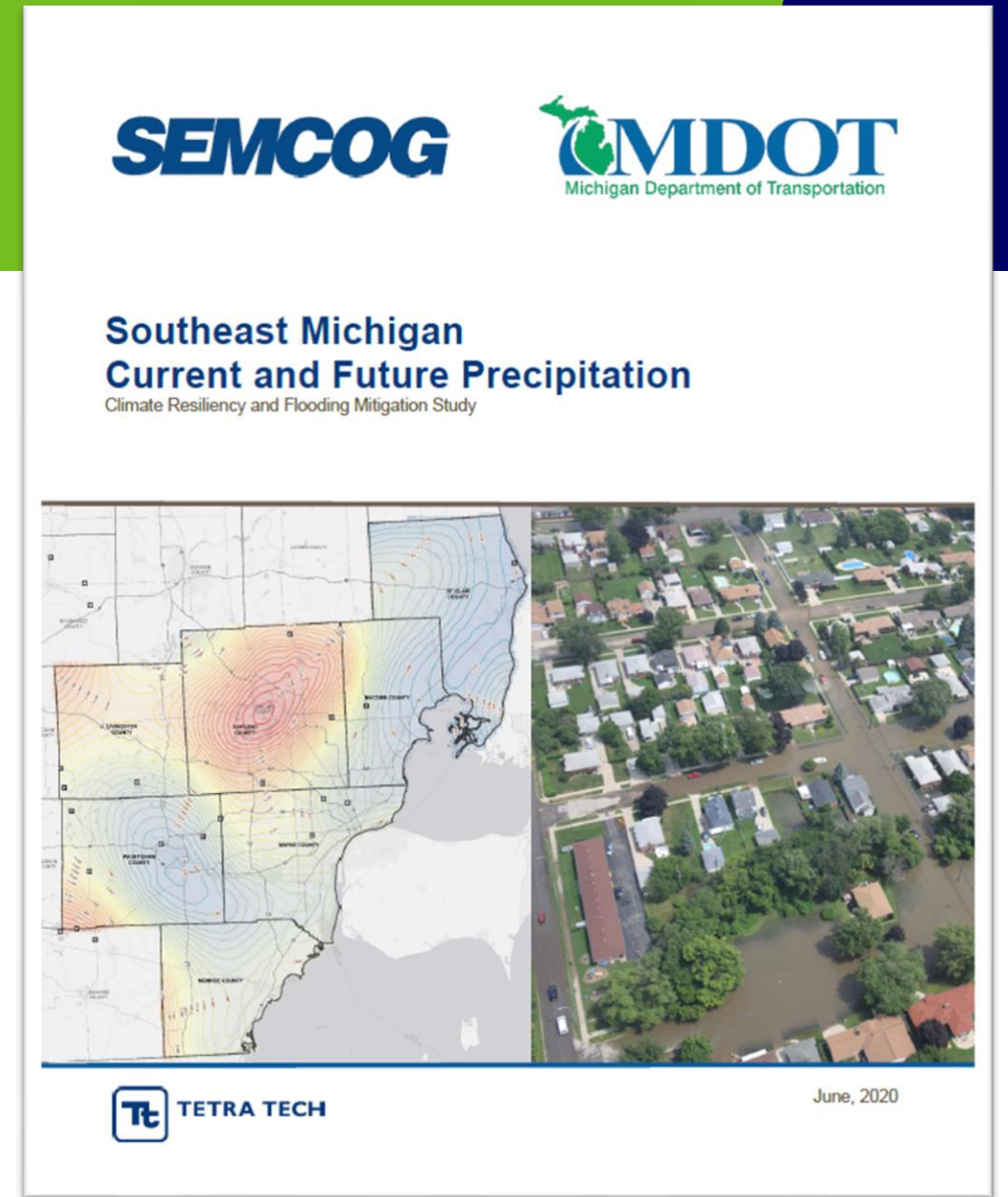
- Nearly 1/3 of the region's water infrastructure is in poor condition.
- The investment need for water infrastructure is at least \$3.5 Billion annually to reduce risk to public health and safety.
- Continued underinvestment in water infrastructure will lead to more failures, affecting public health and safety.
- The needed investment likely cannot be achieved without significant federal and state investments
- This estimate does NOT include addressing flooding from these extreme rain events
- Conveyance upsizing, flood control installation, and other stormwater management practices adds \$1-2 Billion to the \$26 Billion already needed to address poor condition pipes.

# Current & Future Rainfall & Our Infrastructure



# Future Rainfall Projections

- Future rainfall based on climate projections
- GLISA 6 Climate models
- Trend is increasing intensity and volume
- Evolving science
- We're in a transition phase when it comes to engineering design for changing rainfall.
- Likely 10+ years before we have a consistent method based on the science and engineering



# Example: Region Average Precip - 10-year; 24-hour (Flow Conveyance)

Current	Mid-Century	End-of-Century
3.3"	5.2"	5.4"
	57% ↑	64% ↑

# Stormwater Roundtable Practitioners

- Develop engineering alternatives & guidance for future infrastructure planning & design
- Considerations:
  - National Guidance and Best Practices
  - Future rainfall predictions
  - Regulatory impacts
  - Case studies and different approaches
  - Risk management
- Continued discussion + alternatives evaluation

# Tools to Support Future Infrastructure Investments



# Regional Infrastructure Planning & Coordination

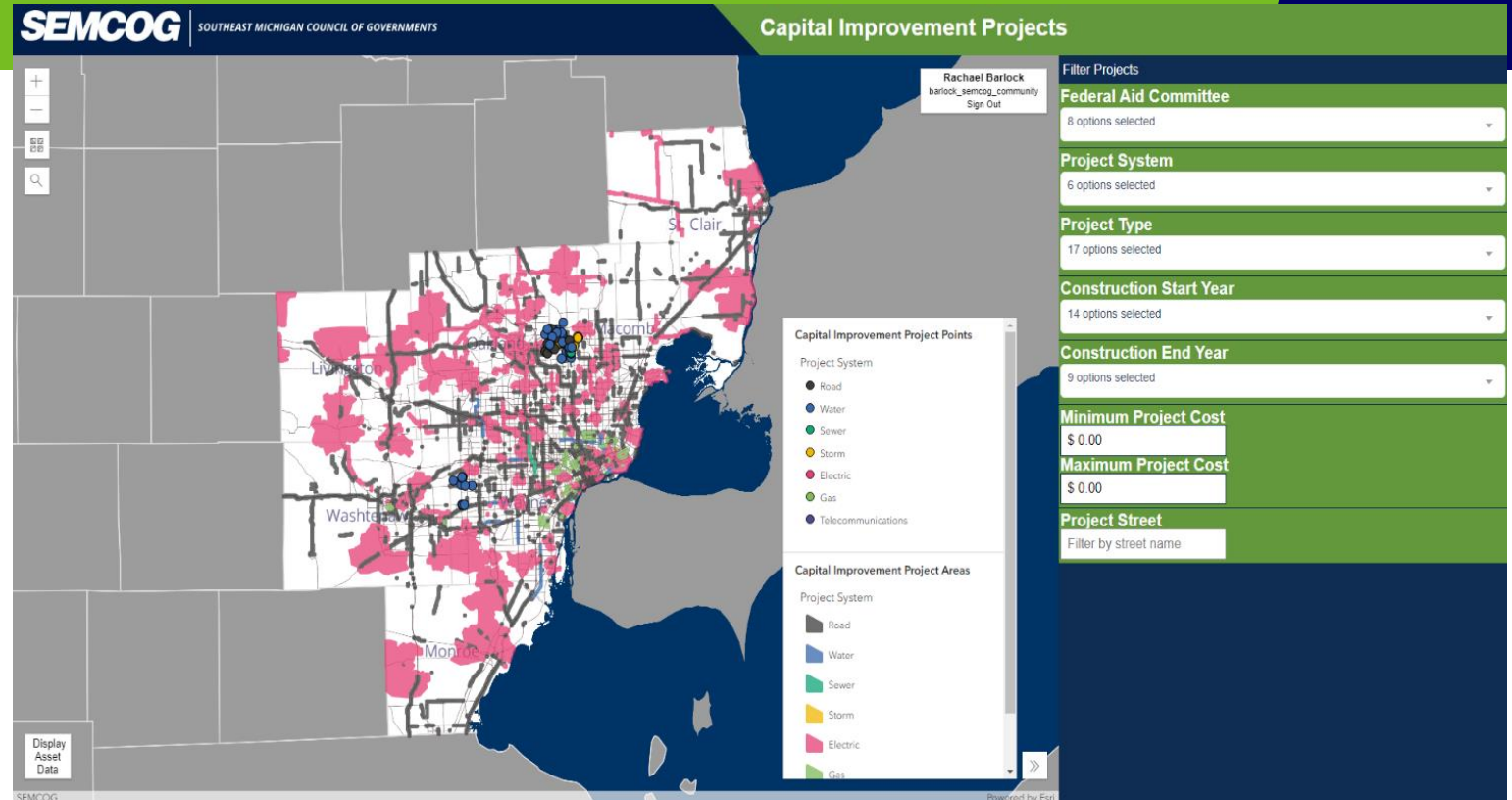
## Portal – Capital Improvement Projects

- Password Protected
- Planned Projects
- DW, SS, SW,

Zoom to

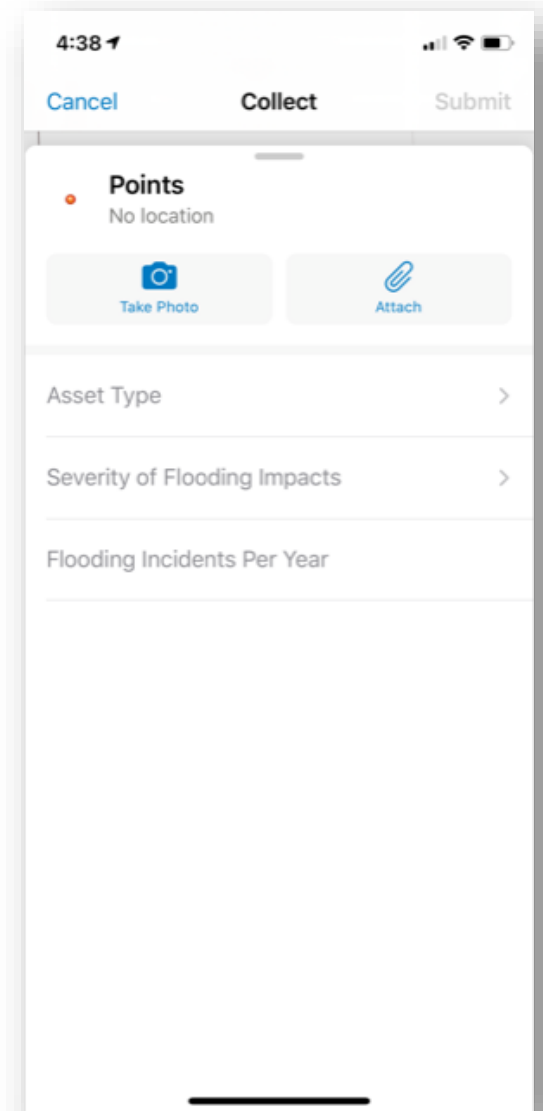
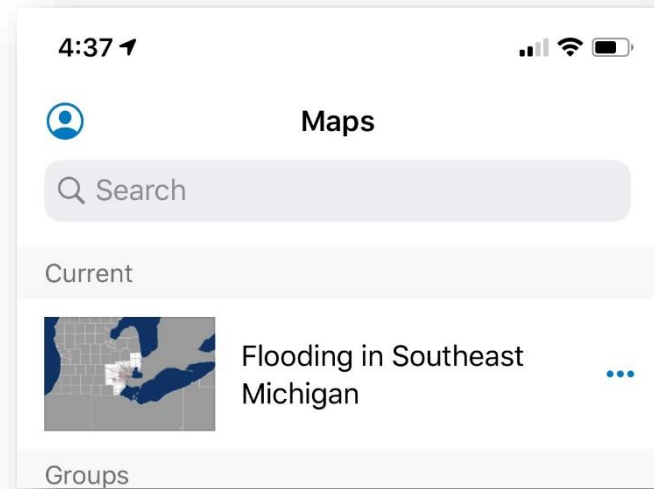
**Road Capital Improvement Project**

Name: Ryan Rd  
Type: Pavement  
Streets: Ryan Road from 16 Mile Road north to 17 Mile Road  
Cost: \$1,759,316  
Construction Start Year: 2023  
Construction End Year:  
Agency: Sterling Heights  
Project Description: Mill, Concrete Base Repair, HMA Overlay



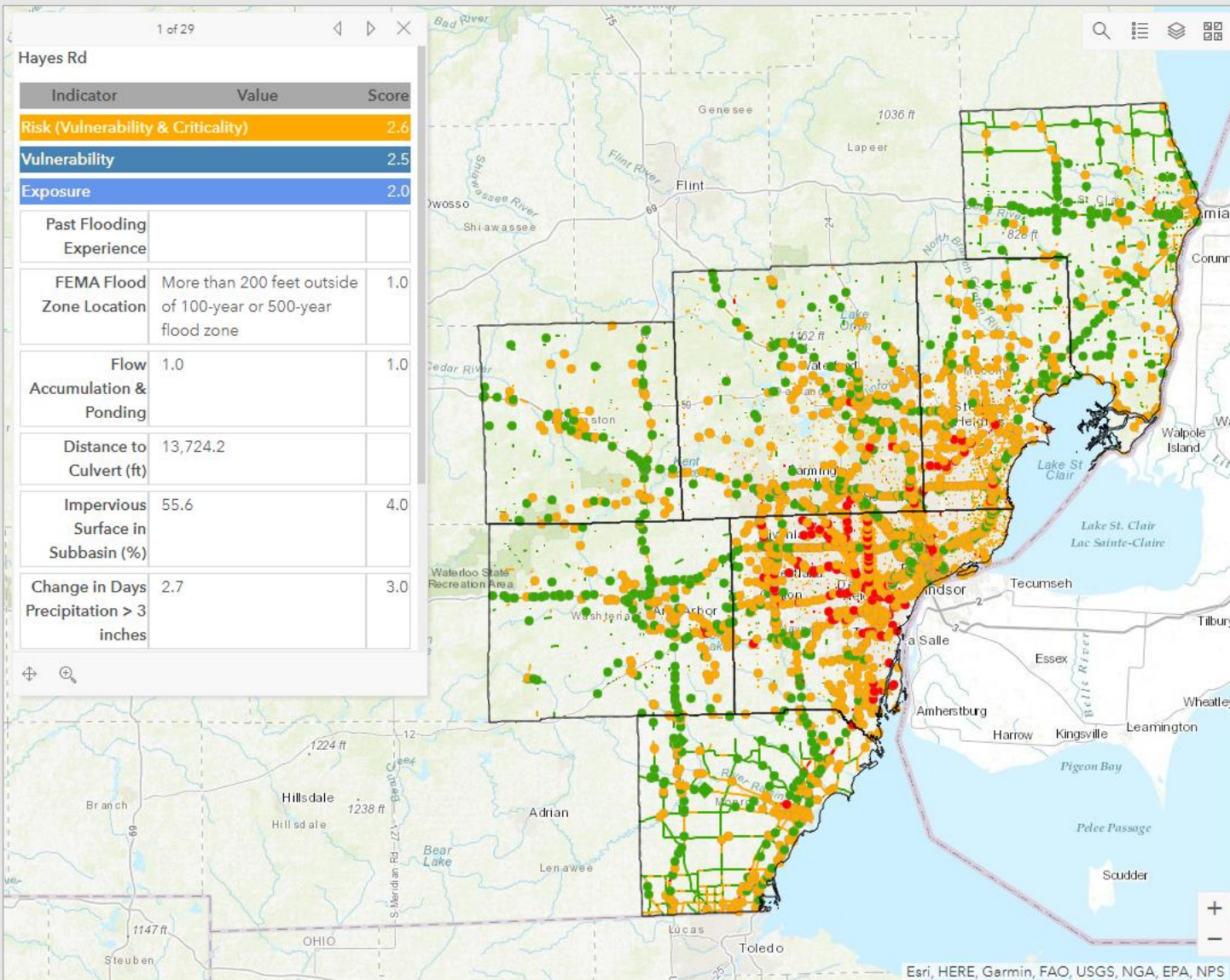
<https://asset-semcog.hub.arcgis.com/>

# Flooding App

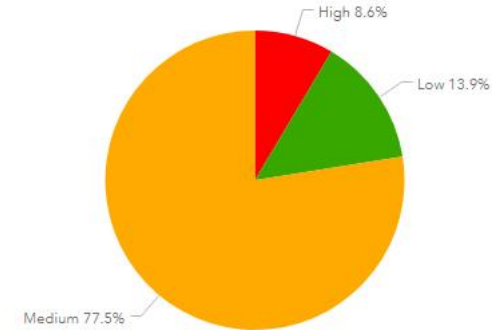


# Flood Risk Tool Dashboard

## SEMCOG Flooding Risk Tool Dashboard



### Roads Risk Rating Breakdown



Last update: a minute ago

Roads Bridges Culverts Pump Stations

### Top 5 Road Segments at Risk

Within Filtered Assets

Road Name:	From: Outer - To: Outer/S I 75
Criticality Score:	4
Vulnerability Score:	3.9
Road Name:	Inkster Rd From: Edward N Hines Dr - To: Inkster/Edward Hines Cutoff
Criticality Score:	3.7
Vulnerability Score:	4
Road Name:	Inkster Rd From: Clairview Dr - To: Edward N Hines Dr
Criticality Score:	3.7
Vulnerability Score:	4
Road Name:	Telegraph Rd From: Shiawassee Dr - To: N US 24/E M 102 RAMP
Criticality Score:	3.7
Vulnerability Score:	3.9
Road Name:	Telegraph Rd From: Shiawassee Dr - To: N US 24/E M 102 RAMP
Criticality Score:	3.7
Vulnerability Score:	3.9

Last update: a minute ago

Roads Bridges Culverts Pump Stations

Road Asset Count

71,599

Last update: a minute ago

Bridge Asset Count

2,634

Last update: a minute ago

Culverts Asset Count

2,634

Last update: a minute ago

Pump Stations Asset Count

143

Last update: a minute ago



# Key Takeaways Today

- Overall investment needs for water and transportation in our region exceed **5 billion annually**
- Not including needs to address extreme rain events, treatment plant upgrades, emerging issues, etc.

## Available Tools + Resources

CIP  
Tool

Flood  
Risk Tool

Flooding  
App

Future Rainfall  
Projections



# THANK YOU!



- Kelly Karll
  - [karll@semcog.org](mailto:karll@semcog.org)
- Rachael Barlock
  - [Barlock@semcog.org](mailto:Barlock@semcog.org)
- Katie Grantham
  - [Grantham@semcog.org](mailto:Grantham@semcog.org)
- Lindsey Kerkez
  - [Kerkez@semcog.org](mailto:Kerkez@semcog.org)



Building Michigan's Future  
Through Strategic Investment in  
People, Place, and Business

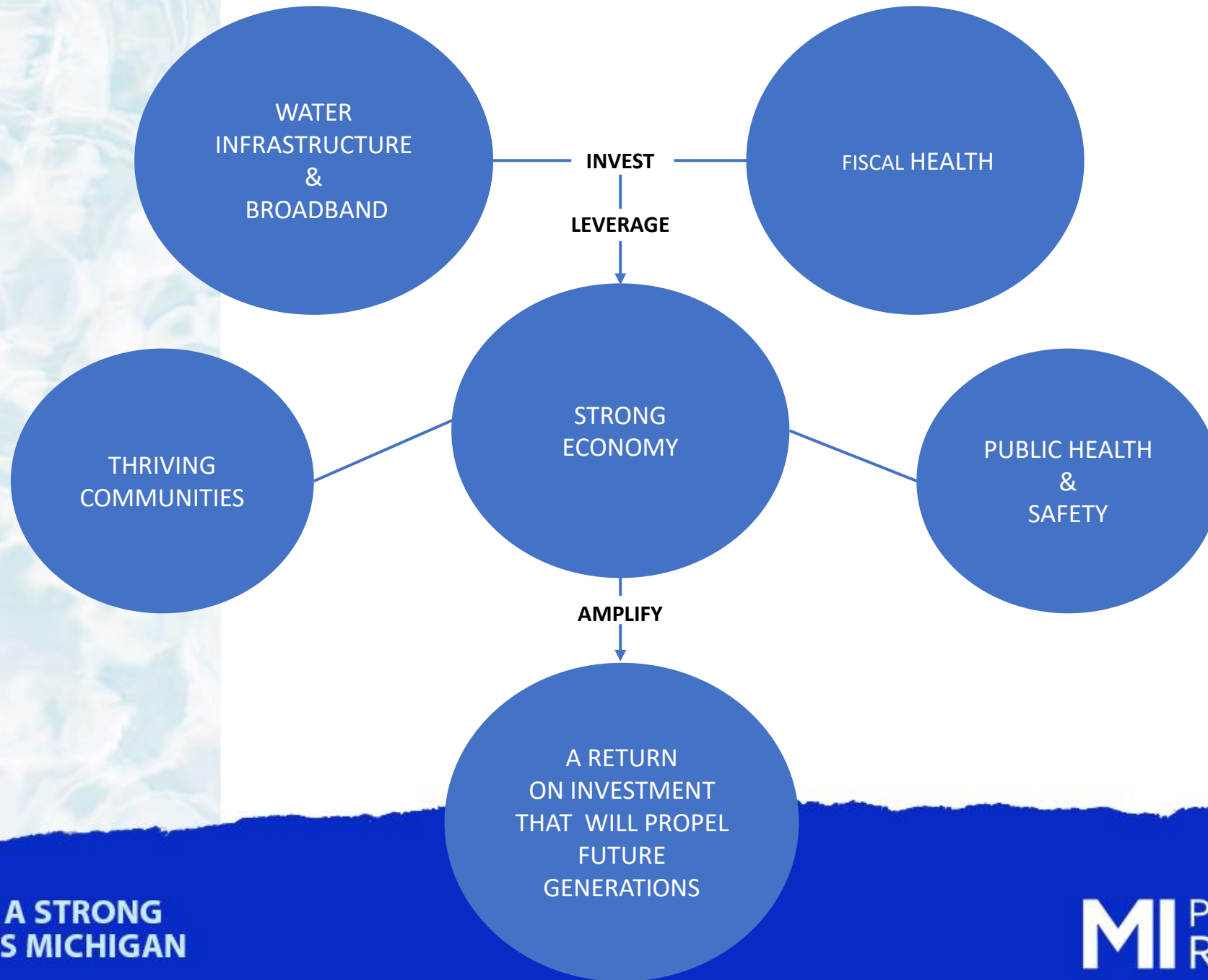
COALITION FOR A STRONG  
AND PROSPEROUS MICHIGAN





# American Rescue Plan: Invest Leverage Amplify

- **Invest**
  - Utilize ARP funds and state and local resources to **invest** in infrastructure, capacity and fiscal stability that benefit people, places, and businesses
- **Leverage**
  - Create multi-sector partnerships between communities, state leaders, interest groups, businesses, and philanthropy to **leverage** available resources accelerating the impact of our investment
- **Amplify**
  - Create long-term change to sustain and **amplify** investment for us and our future





# Five Key Areas of Investment

- **Infrastructure:** Resilient and Sustainable Water Systems and High-Speed Broadband Access
- **Fiscal Health:** Smart Investments that Provide Stability for State and Local Government
- **Thriving Communities:** Attainable Housing and Community Development
- **Strong Economy:** Economic Development, Business Assistance, Skilled Workforce, and Talent
- **Public Health and Safety:** Healthy and Safe People, Families and Communities

# Resilient and Sustainable Water Systems (\$2.5B)

## Supporting Economic Prosperity and Quality Service through Capital Improvement: (\$1.5B)

### \$1.25B Drinking Water, Wastewater, Stormwater Management and Green Infrastructure

- General Guidelines
  - Funding is available for public water suppliers, authorities, and wholesalers
  - Funding will focus on investing in projects that create healthy environments, improve economic prosperity, maximize the value of the investment, and provide reliable high-quality service
  - Prioritization will be given to projects that align with the strategy of the Michigan Infrastructure Commission
  - These funds cannot be used on a speculative basis in the hopes that there will eventually be customers to serve
  - The distribution of these funds should be reevaluated no less than on an annual basis to ensure that funding properly aligns with demand and that all available funds are obligated by the end of 2024

# Resilient and Sustainable Water Systems (\$2.5B)

## Supporting Economic Prosperity and Quality Service through Capital Improvement: (\$1.5B)

### **\$1.25B Drinking Water, Wastewater, Stormwater Management and Green Infrastructure (Cont)**

- Drinking water, wastewater, and stormwater management and green infrastructure funds will be distributed based on the size of the system
  - 30% of the funds are reserved for systems serving a retail population of 3300 or less
- Eligible Expenses and Match Requirements:
  - No match required if consolidating systems or for a disadvantaged community
  - 10% match required if replacing, repairing, or improving an existing system
    - Match is calculated as a percentage of the American Rescue Plan funds that were awarded to the community or communities served
    - Overall match cannot exceed \$5M in the event the 10% match would be greater than \$5M



# Resilient and Sustainable Water Systems (\$2.5B)

## Supporting Economic Prosperity and Quality Service through Capital Improvement: (\$1.5B)

### **\$1.25B Drinking Water, Wastewater, Stormwater Management and Green Infrastructure (Cont)**

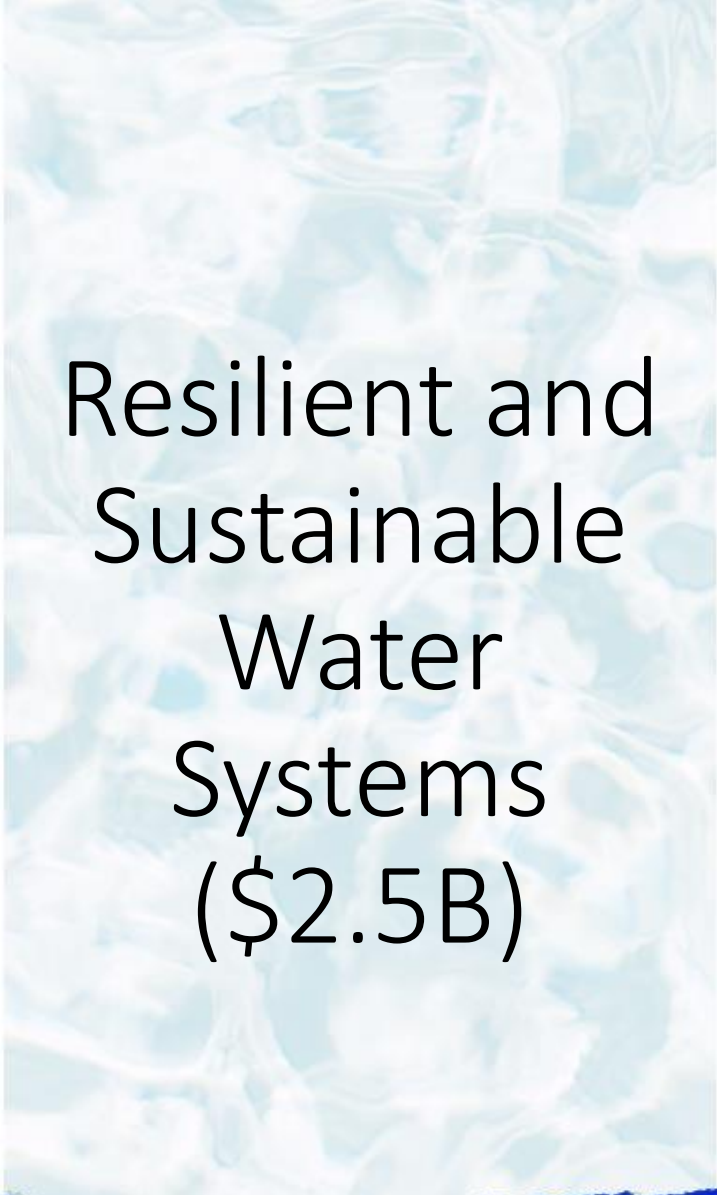
- Eligible Expenses and Match Requirements:
  - 10% match if extending a wastewater facility or constructing a new wastewater facility for the purpose of eliminating failing septic systems
    - Match is determined as a percentage ratio of American Rescue Plan funds that were awarded to the community or communities served
    - Overall match cannot exceed \$5M in the event the 10% match would be greater than \$5M
  - Projects must meet one of the following criteria
    - Under order from Environmental Protection Agency or the Department of Environment Great Lakes and Energy
    - Provide significant public health benefits or environmental protection

# Resilient and Sustainable Water Systems (\$2.5B)

## Supporting Economic Prosperity and Quality Service through Capital Improvement: (\$1.5B)

### **\$1.25B Drinking Water, Wastewater, Stormwater Management and Green Infrastructure (Cont)**

- \$75M to reduce untreated combined sewer overflows \$100M for publicly owned culvert replacement
- \$100M for a needs-based program to replace failing residential septic systems or mitigate basement flooding on private property
- \$50M for the replacement of failing septic systems
- \$50M to mitigate basement flooding



# Resilient and Sustainable Water Systems (\$2.5B)

## Supporting Economic Prosperity and Quality Service through Capital Improvement: (\$1.5B)

### \$1.25B Drinking Water, Wastewater, Stormwater Management and Green Infrastructure (Cont)

#### Lead Line Replacement Program: (\$250M)

- \$250M to replace lead service lines as required by the state Lead and Copper Rule
- 30% of the funds are reserved for systems serving a retail population of 3300 or less



# Resilient and Sustainable Water Systems (\$2.5B)

## Planning and Design Grants: (\$255M)

- \$200M for Drinking Water, Wastewater, Stormwater Planning and Asset Management Grants
  - Extending the SAW Grant program to drinking water systems
  - Stormwater and flood protection management planning
  - Updating water, sewer, and stormwater plans
  - Creating regional and system consolidation plans or establishing joint operational agreements
  - Funding design work for projects eligible for ARP funding
- \$10M for Flood Plain Remapping
- \$25M Great Lakes and Surface Water Action
- \$20M Groundwater Use and Protection



# Resilient and Sustainable Water Systems (\$2.5B)

## Statewide Drinking Water Assistance Program (\$100M)

- Direct assistance for Michigan's most vulnerable households
  - Funds will be disbursed directly to water utilities to assist keeping utilities in service or restoring service
- Provide additional services designed to develop water efficient households and complement direct assistance. These additional services would include:
  - Leak detection inspection
  - Basic leak repairs
  - Replacement of dated fixtures.
  - Water conservation education
  - Budget / Affordable Payment Plan Programs

# Resilient and Sustainable Water Systems (\$2.5B)

## Sustainability, Resilience and Environmental Protection Program (\$370M)

- \$50M for contaminated site remediation
- \$85M for investment to mitigate the impacts of high-water levels
- \$100M for PFAS mitigation and connection to municipal systems
- \$125M for dam retro fit, repair, and removal
- \$10M to fund grants for technology upgrades such as remote or sources water monitoring and installation of smart meter technology

# High-Speed Broadband Access (\$500M)

## Deployment of Broadband Infrastructure (\$350M)

- \$275M to enhance the Connecting Michigan Communities Grant
  - These funds would come from the Michigan allocation of the Capital Project Fund within the American Rescue plan (\$250M) and form the State and Local Fiscal Relief Funds (\$25M)
  - Funding eligibility would be extended to local governments, school networks, non-profits and co-operatives currently providing service
- \$75M for Broadband Deserts and In-Fill Broadband Grants
  - Provide grant funding to providers for the following purposes
    - Eliminating gaps or inequities in coverage areas to ensure continuity in connectivity
    - Increase network speeds to address education, work, or economic development needs



# High-Speed Broadband Access (\$500M)

## Digital Literacy, Access to devices, Mapping, and Planning (\$100M)

- \$5M to create materials, resources, model curricula, and lesson plans concerning digital literacy
- \$35M to provide broadband supported devices to individuals or households
- \$35M for a statewide broadband mapping initiative
- \$25M for local units of government to conduct community and regional broadband needs analysis

## Create a refundable PPT credit for any provider that expands service to an unserved area (\$50M)

- Credit would cover 5 years of PPT for a provider and maximum benefit of \$5M

# Fiscal Health: Stability for State and Local Governments (\$800M)

## **\$365M Deposit into a Revenue Sharing Trust Fund Revenue Sharing Trust Fund**

- Create a Revenue Sharing Trust Fund to secure American Rescue Plan investment in communities
  - \$250M for cities, villages, and townships spread out over 5 years
  - \$115M for counties spread out over 5 years
- Transfer all existing revenue sharing for Counties, Cities, Villages and Townships into the trust fund

## **\$350M Deposit into the Unemployment Trust**

# Fiscal Health: Stability for State and Local Governments (\$800M)

## **\$75M for HVAC and Physical Modifications at Municipal Buildings and to Promote Opportunities for Coordination Between Units for Joint Facilities**

- \$50M for improved ventilation, air quality, and physical modification can contribute to improved health outcomes at any indoor facility
- \$25M for coordination on joint facilities between local units of government or between other entities can create efficiencies and cost savings

## **\$10M in Grants for Non-Entitlement Units of Government for American Rescue Plan Related Technical Assistance, Federal Reporting, and Compliance Requirements**



# Thriving Communities: Attainable Housing and Community Development (\$805M)

## \$350M investment in the Housing & Community Development Fund

- The Michigan Housing and Community Development Fund (MHCDF) exists to support the development and coordination of public private partnerships to meet the attainable housing needs of households across the state and can enhance ongoing state investment in housing in the following areas:
  - Scattered-site infill housing construction
  - Capital maintenance and rehab that preserves existing housing stock
  - Weatherization, energy efficient heating, and lead/asbestos removal
  - Neighborhood amenities that support quality of life for all residents
  - Accessibility/Aging in place housing modification grants
  - Grants for lead paint remediation



# Thriving Communities: Attainable Housing and Community Development (\$805M)

## **\$50M to Accelerate and Incentivize Building Trades Training**

- Expand Vocational Villages in MDOC facilities and other at-risk youth programs
  - Explore a junior Vocational Village for at-risk youth as well as adding a career tech component to existing youth programs
- Expand tuition support programs to pay living stipends for students attending construction trades programs
- Provide capital grants for equipment and facilities to school districts that reinvest in high school trades programs
- Provide grants to schools to introduce trades at an earlier age (K-5)

Thriving  
Communities:  
Attainable  
Housing and  
Community  
Development  
(\$805M)

- **\$50M for Community Revitalization and Placemaking Grants Program**
- **\$50M Investment in Local Parks and Outdoor Recreation Infrastructure**
- **\$25M Investment in a Michigan Nonprofit Relief and Activation Program**
- **\$10M for Housing Ready Communities**
- **\$20M to Fund a One-Time Employee Housing Tax Credit**

# Thriving Communities: Attainable Housing and Community Development (\$805M)

## \$250M for Regional Resiliency Planning Grants

- \$25M to support regional planning and analysis. These plans should consider issues such as:
  - Increasing household incomes
  - Building a talented workforce
  - Investing in community infrastructure, including attainable housing and broadband access/adoption, to make Michigan a more desirable place to live and invest in
  - Support small businesses
  - Growing and strengthening the middle class
- \$225M to support project and program implementation identified by the regional planning and analysis process
- Funding should be geographically diverse and require no more than a 10% local match



Strong  
Economy:  
Economic  
Development,  
Business  
Assistance,  
Skilled  
Workforce, and  
Talent (\$910M)

## **\$250M to Expand State Development Incentive Programs to Address Demand**

- \$50M investment into the historic building rehab tax credit
- \$100M to create and prefund a tax credit to convert vacant office buildings to residential apartments/condos and mixed used facilities, allowing for the rapid repurposing of properties to follow shifting demand
- \$100M to expand Michigan Strategic Fund eligible brownfield remediation activities with the option to use funds to offset the State Education Tax portion of tax increment financing plans

Strong  
Economy:  
Economic  
Development,  
Business  
Assistance,  
Skilled  
Workforce, and  
Talent (\$910M)

## \$100M for Strategic and Large Site Development

- Increase investment in the Michigan Economic Development Corporation's Michigan Build Ready and prioritize investments in sites, improvements and communities that can demonstrate key outcomes and impacts including the following:
  - Prioritize sites that utilizes and improves existing infrastructure
  - Improve Michigan's inventory of sites that will improve its ability to support economic development opportunities occurring in the next one to three years
  - Increase investments and economic opportunities in and around Geographically Disadvantaged Areas and Distressed Communities
  - Utilize green infrastructure and site design to meet the ever-increasing sustainability needs of companies seeking expansion opportunities
  - Improve economic and environmental conditions for communities that have been disproportionately impacted from environmental harms and risks



Strong  
Economy:  
Economic  
Development,  
Business  
Assistance,  
Skilled  
Workforce, and  
Talent (\$910M)

## **\$300M for Job Training and Direct Business Support Grants**

- \$50M for Apprenticeship and Work-Based Learning Incentives
- \$50M Hiring Returning Citizens Incentives
- \$50M Entrepreneur Fund Incentives
- \$50M for Going Pro Talent Fund
- \$50M for Futures for Frontliners and Michigan Reconnect Wrap-Around Services
- \$50M for the Office of Global Michigan

## **\$75M to Invest in the Building Material Supply Chain**

- Leverage Michigan's forests and our manufacturing expertise (MSU/MI Tech/DNR)
- Expand modular housing production
- Invest in R&D, manufacturing, and installation sectors to support the development and deployment of alternative building materials and energy-efficiency equipment

Strong  
Economy:  
Economic  
Development,  
Business  
Assistance,  
Skilled  
Workforce, and  
Talent (\$910M)

### **\$10M for a Hospitality Training Program**

- Support a more comprehensive approach to education and training that demonstrates the pathway to a successful, long-term, career in the industry and not just an entry-level job

### **\$5M to Incentivize Better COVID-19 Safety Training and Higher Sanitization Standards**

- Invest in the human capital necessary to improve public safety outcomes in food service establishments restaurants, hotels, and banquet spaces

### **\$30M to Offer Meeting and Event Incentives**

- Fund an incentive would include create a 15 percent credit against the hard costs associated with hosting a meeting or event through 2022, including hotel rooms, food and beverage and audiovisual expenses

### **\$100M to Invest in Superior Ventilation for Michigan Restaurants, Event Spaces and Banquet Centers**

- Invest resources to improve indoor air quality at our restaurants, events space, and banquet facilities

Strong  
Economy:  
Economic  
Development,  
Business  
Assistance,  
Skilled  
Workforce, and  
Talent (\$910M)

## \$40M for a Michigan EV Friendliness Program

- Ramp up electric vehicle adoption and industry leadership by targeting the following key categories:
  - Speed up charging infrastructure buildout to better position the state to compete for federal infrastructure funding
    - Accelerate distribution of resources to local units of government and NGOs for community plug-in EV infrastructure work, including planning and demonstration projects to support EVs
  - Create programs to accelerate EV adoption, as well as spur EV innovation at Michigan testing sites
    - Provide resources to vulnerable communities to prepare to manage and maintain EVs and EV charging equipment
    - Position Michigan's testing sites, led by the American Center for Mobility, to better compete for federal grants and private sector investment



# Public Health and Safety: Healthy and Safe People, Families and Communities (\$500M)

## Capital Investments and Facility Improvements (\$100M)

- \$55M in investments for jail and public safety facility improvements
- \$45M in grants for public health department facility improvements and essential purchases

## Alternative Response and Mental Health Investment (\$225M)

- \$200M to Balance Capacity Statewide for Access to Mental Health and Addiction Services
- \$25M Social and Mental Health Response and Prevention Efforts

## Public Safety and Security Equipment and Emergency Operations (\$5M)

- \$2M for the purchase of body cameras and technology
- \$1.5M for investments in resources and equipment for Urban Search and Rescue operations
- \$1.5M to the MI Prevention Program to support the installation of smoke alarms

Public Health  
and Safety:  
Healthy and  
Safe People,  
Families and  
Communities  
(\$500M)

**Restaurant Licensing and Inspection Reimbursements (\$60M)**

- Provide reimbursements to county and local health departments/organizations for the costs associated with waiving local public health licensing/inspection fees for restaurants

**Cybersecurity Preparedness (\$40M)**

- Reimburse local units of government and small and micro-business for cybersecurity provide vulnerability assessments
- Provide eligible local units of government grants to offset costs associated with local governments transitioning to DOTGOV domains

**Support the Social Determinants of Health Info Exchange (\$70M)**

- \$66M to support enhancements and predictive analytics technology for MIBridges
- \$4M to expand Michigan 211's infrastructure to better connect community members across the state with resources to address social determinant needs





Exceptional service. Dykema delivers.

# Infrastructure Investment and Jobs Act: Water and Wastewater Funding Summary October 26, 2021

Mary Beth McGowan, Government Policy Advisor  
[mmcgowan@dykema.com](mailto:mmcgowan@dykema.com)



# New Spending/Emergency FY22 Appropriations

---

- \$55 billion in new spending in the form of Fiscal Year 2022 emergency appropriations, including:
- 43.4 billion for the State Revolving Loan Funds (SRF)
  - \$23.4 billion for traditional SRF activities;
  - \$15 billion for lead service line replacement; and
  - \$10 billion to address PFAS contamination

## New Spending: Clean and Drinking Water SRFs

---

- \$23.4 billion for traditional SRF activities to protect the environment and public health
  - State cost-share reduced from 20 to ten percent in the first two years
  - 49 percent will be administered as grants and completely forgivable loans

# New Spending: Lead Service Line Replacement

---

- \$15 billion for the Drinking Water SRF for:
  - lead service line replacement projects; and
  - activities directly connected to the identification, planning, design, and replacement of lead service lines
    - Up to 49 percent can be distributed as forgivable loans.
    - The remaining 51 percent would be awarded as low-interest loans, which would have to be repaid.
    - States are not required to provide a cost share.
    - If a state doesn't have a use for the lead allocation, it is redistributed to other states (using the SRF formula) for the purposes of lead pipe replacement.
    - Corrosion control is not eligible for funding.



## New Spending: PFAS Remediation

---

- \$4 billion via the DWSRF to address PFAS
- \$1 billion via the CWSRF to address PFAS
- \$5 billion via EPA's Small and Disadvantaged Communities program
  - All funds are eligible for loan forgiveness.
  - States are not required to provide a cost share.
  - Eligible for the treatment of any pollutant that is classified as a PFAS or any pollutant identified by EPA as a contaminant of emerging concern.

# Drinking Water SRF Reauthorization

---

- Authorizes \$14.7 billion from fiscal 2022 through 2026 for the Drinking Water State Revolving Fund
  - at least 12% of funds to be used to subsidize loans to disadvantaged communities (up from 6% currently)
  - Allows States to assist disadvantaged communities with grants, negative interest loans, forgiveness of principal, and loan forgiveness.
  - States may also buy, refinance, or restructure the debt of a disadvantaged community.
  - Permanently extends requirement, set to expire in fiscal 2023, that projects funded through the DWSRF use only U.S.-produced iron and steel.

# Small and Disadvantaged Communities Program Reauthorization

---

- Authorizes \$70 million in FY 2022, increasing to \$140 million by FY 2026 for compliance assistance grants to public water systems in small (pop. under 10,000) and disadvantaged communities.
  - allows for the purchase of filters /filtration systems that remove contaminants from public drinking water systems and for providing information regarding proper filtration use and maintenance and options regarding replacing lead service lines or other sources of lead from water systems
  - Reduces cost-share from 45 to 10 percent; allows share to be waived if EPA determines an entity is unable to pay, or would experience significant financial hardship if required to pay the non-Federal share

# Small and Disadvantaged Communities Program Reauthorization, cont'd.

---

- Authorizes \$25 million over five years for a program to address threats from natural hazards or extreme weather events.
  - Requires a 10 percent cost share that EPA may waive.
- Authorizes \$20 million over five years for grants for public water systems to assist eligible households to voluntarily connect to a public water system.
- Authorizes \$50 million annually through FY 2026 for a pilot program to award competitive grants to states to implement improvements to water systems, with priority for states with a high proportion of underserved communities.



# Lead Reduction Grant Program Reauthorization

---

- Authorizes at \$100 million (from \$60 million) through FY 2026 the EPA grant program to support replacement of lead water lines
  - Does NOT require full lead service line replacements
  - Priority for disadvantaged communities, low- income homeowners, and property owners providing housing to low-income renters.
  - Requires that eligible entities offer to cover the total cost of replacing a lead service line for low-income homeowners.

# Lead Contamination in School Drinking Water Reauthorization

---

- Authorizes \$200 million over five years for grants to states to address lead contamination in school drinking water, including through testing and remediation.
  - Newly allows public water systems and eligible nonprofit organizations that service schools and childcare locations to be eligible grant recipients.
  - Expands the program to allow funds to be used for compliance monitoring as well as lead reduction projects.

# Operational Sustainability of Small Public Water Systems

---

- Newly authorizes \$50 million annually through FY 2026 for grants for leak detection, repair, and monitoring in small public and nonprofit water systems.
  - to help systems respond to water infrastructure failures through asset management of drinking water systems, pumps, wells, valves, treatment systems and other pertinent activities.
  - Activities include, but are not limited to, identification and prevention of potable water loss due to leaks, breaks and other metering or infrastructure failures.
  - Requires a 10 percent cost share EPA may waive.

# Midsize and Large Drinking Water System Infrastructure Resilience and Sustainability

---

- Newly authorizes \$50 million per year through FY 2026 for larger systems for infrastructure resilience and sustainability.
  - to promote water conservation, enhance water-efficiency, create desalination facilities, relocate or renovate existing vulnerable water systems, enhance water supply, and implement measures to increase resiliency to natural hazards, cybersecurity vulnerabilities, or extreme weather events
  - Half the funds for systems serving populations from 10,000 to 100,000, and half for systems serving 100,000 or more.
  - 90% federal cost-share for aid to small, rural, and disadvantaged communities.



# Clean Water SRF Reauthorization

---

- Authorizes \$14.7 billion through FY 2026 for the Clean Water State Revolving Fund
  - Requires States to use at least 10% and as much as 30% of the capitalization grants for “additional subsidization,” such as grants, negative interest loans, and loan forgiveness, or to buy, refinance or restructure debt for disadvantaged communities as determined by the state.

# Sewer Overflow and Stormwater Reuse Municipal Grants Reauthorization

---

- Authorizes \$280 million through FY 2026 for grants to states to support
  - planning, construction and design of treatment works for municipal combined sewer overflows, sanitary sewer overflows, or stormwater, and any measures to manage, reduce, or recapture stormwater or subsurface drainage.
  - Allows funding for systems to notify the public when untreated overflows are released into waterways.
  - At least 25% of the grant funding in each state would have to be allocated to projects in rural or financially distressed communities, with at least 60% of that allocation dedicated to rural areas.

# Clean Water Infrastructure Resiliency and Sustainability Program

---

- Newly authorizes \$25 million annually through FY 2026 for a clean water infrastructure resiliency and sustainability program to provide grants aimed at protecting water systems from weather events and cybersecurity risks.
  - Supports planning, design, construction, implementation, operation, or maintenance of a program or project to increase the resiliency or adaptability of water systems to natural hazards, cybersecurity vulnerabilities, or extreme weather events
  - 10 percent cost-share for small or disadvantaged communities; 25 percent cost-share for all other communities.

# Water Infrastructure Financing Reauthorization

---

- Reauthorizes the Water Infrastructure Financing and Innovation Act (WIFIA) program at \$50 million annually for FY2022 through FY2026.

## **Additional Authorizations:**

- training and technical assistance funding
- cybersecurity support
- waste-to-energy projects
- source water alternatives
- water workforce investments
- water data sharing



# Group Discussion

Q&A



# Thank you!

