



**Grand Valley  
Metropolitan Council  
Annual Report  
Fiscal 2021-2022**

The logo consists of the letters 'GVMC' in a white, serif font, centered within a dark blue rectangular background.

Ensure Trust  
Credibility and  
Confidence



Cooperation

Collaboration

Partnerships



Management for  
Long-Term Financial  
Sustainability  
Continues 



# 2021-2022 Audit



Doug Vredeveld, CPA  
Vredeveld Haefner, LLC

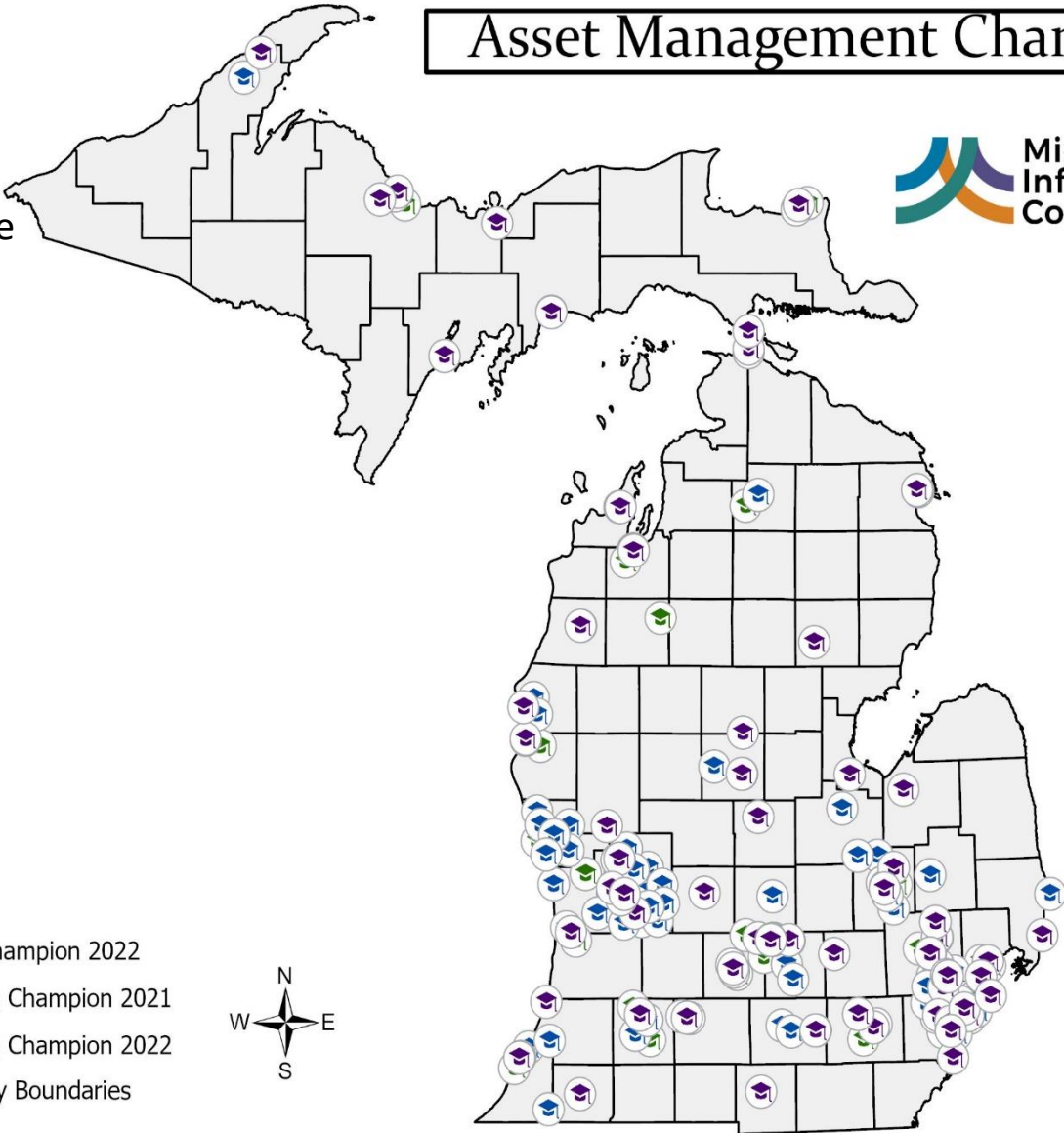






# Asset Management Champions



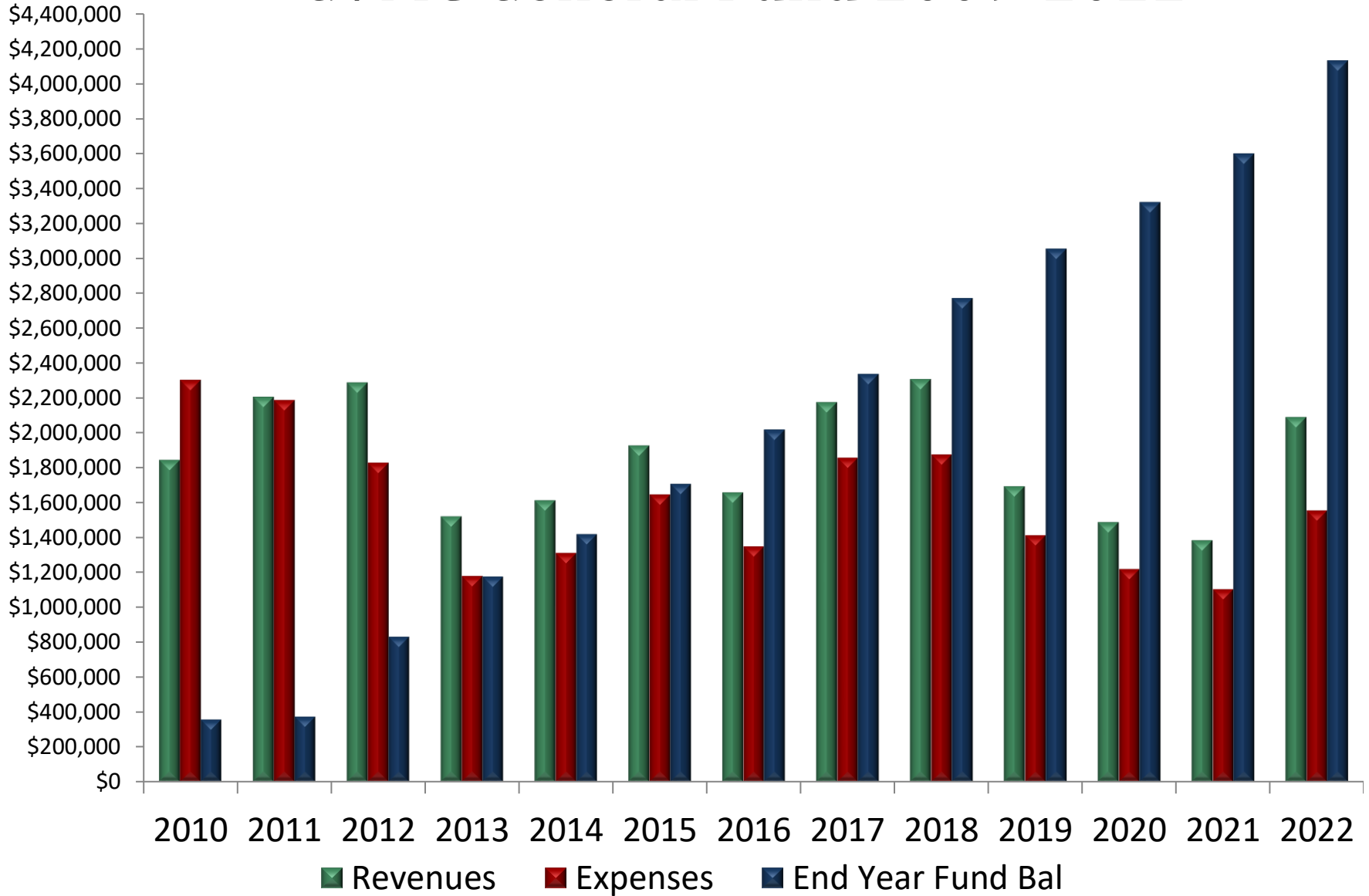
Local Government Leaders and Infrastructure Staff Received \$1,000 Scholarships to Attend Asset Management Champions Program through the Michigan Infrastructure Council.

*If you would like to recommend someone for the next session of Champions Training, please contact John*

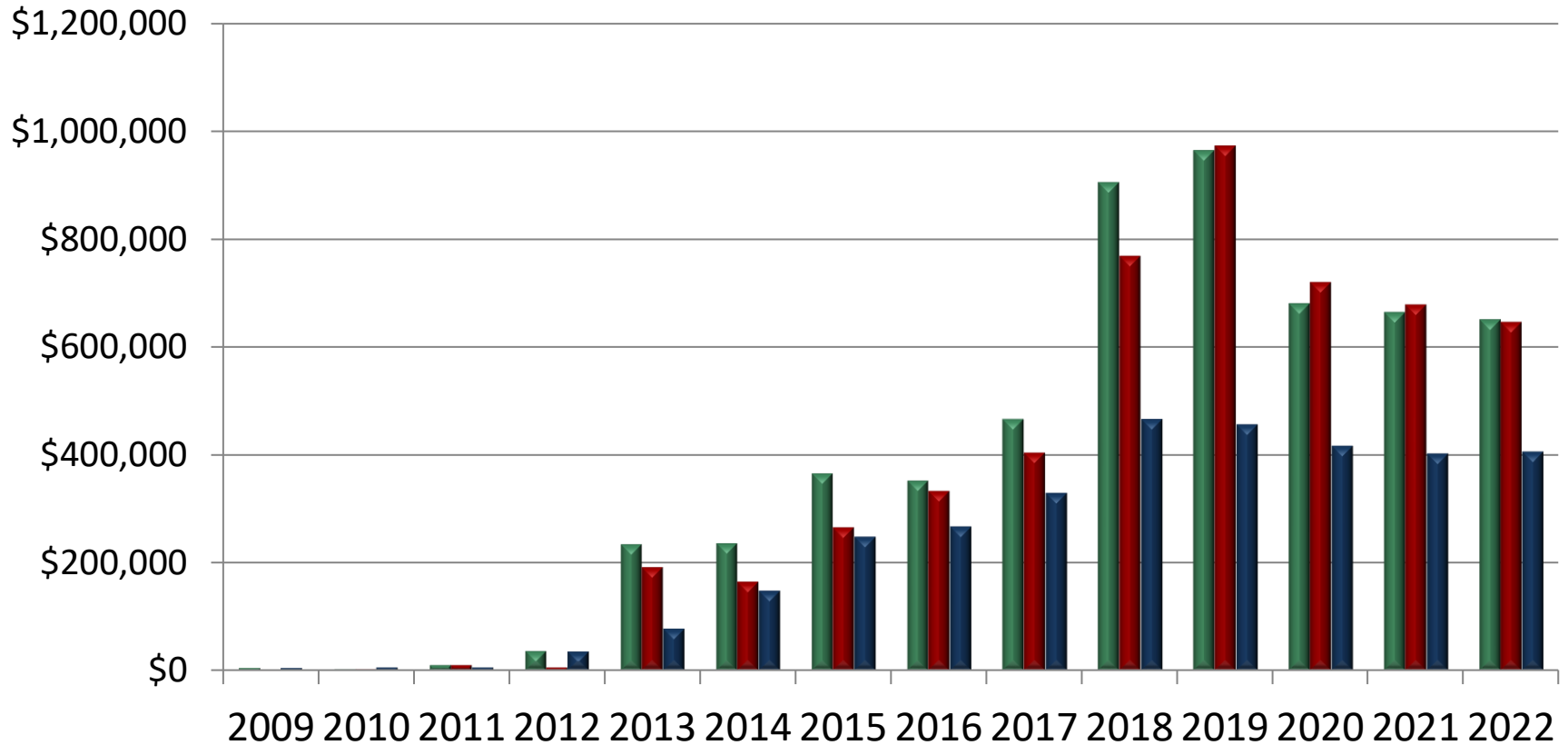


-  Fall Champion 2022
-  Spring Champion 2021
-  Spring Champion 2022
-  County Boundaries

# GVMC General Fund 2009-2022

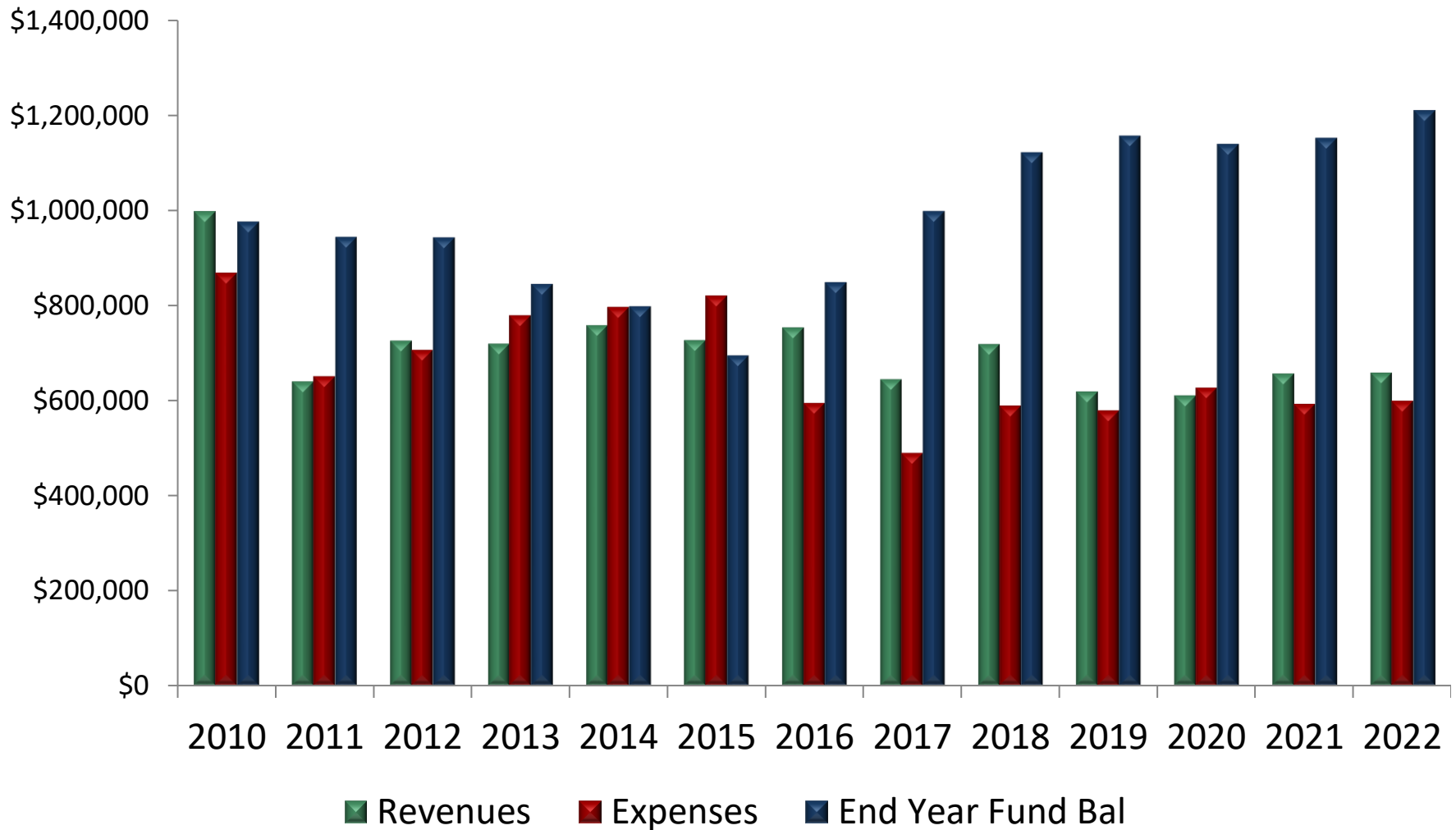


# Environmental Programs 2009-2022

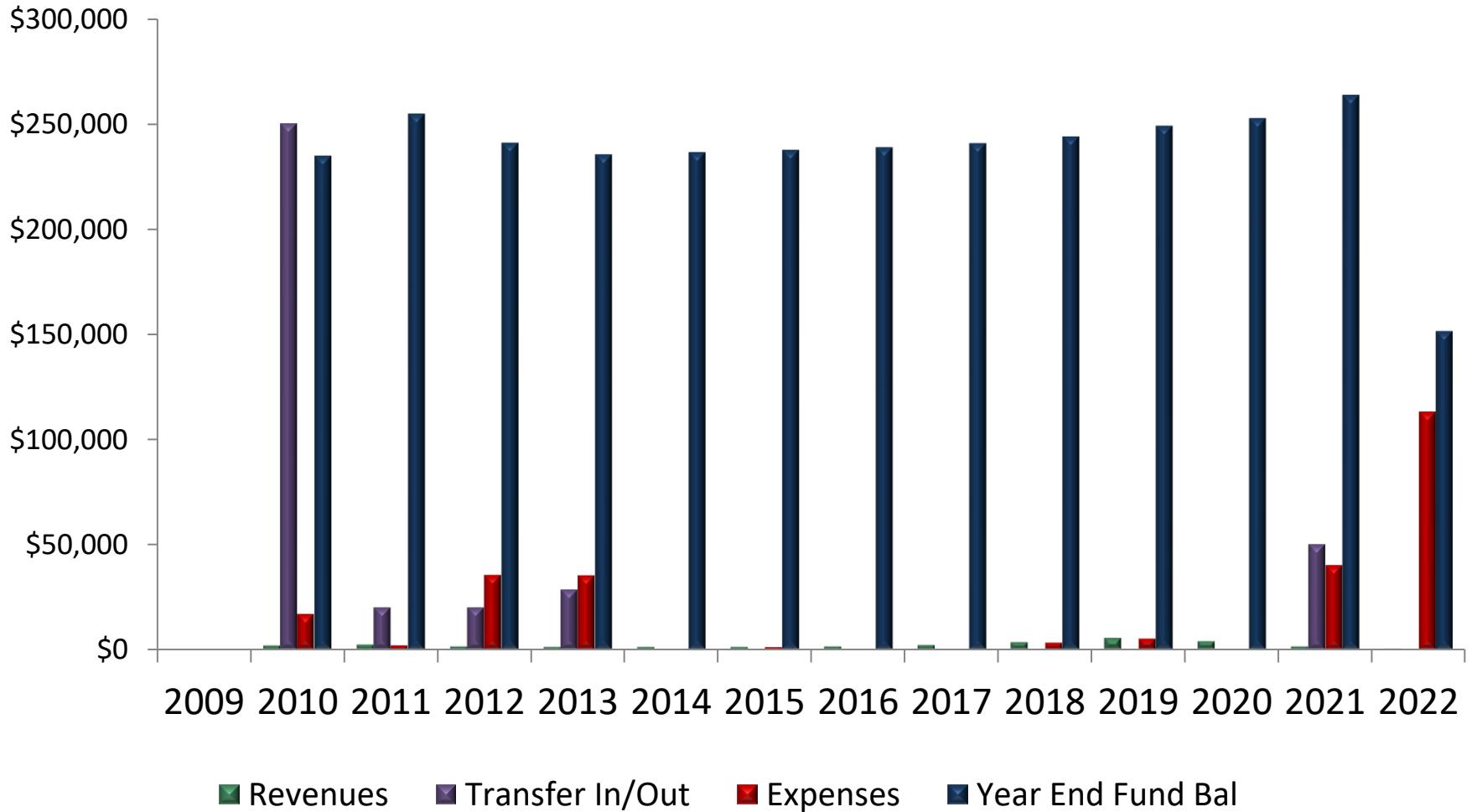


■ Revenues    
 ■ Expenses    
 ■ End Year Fund

# REGIS Fund 2009-2022

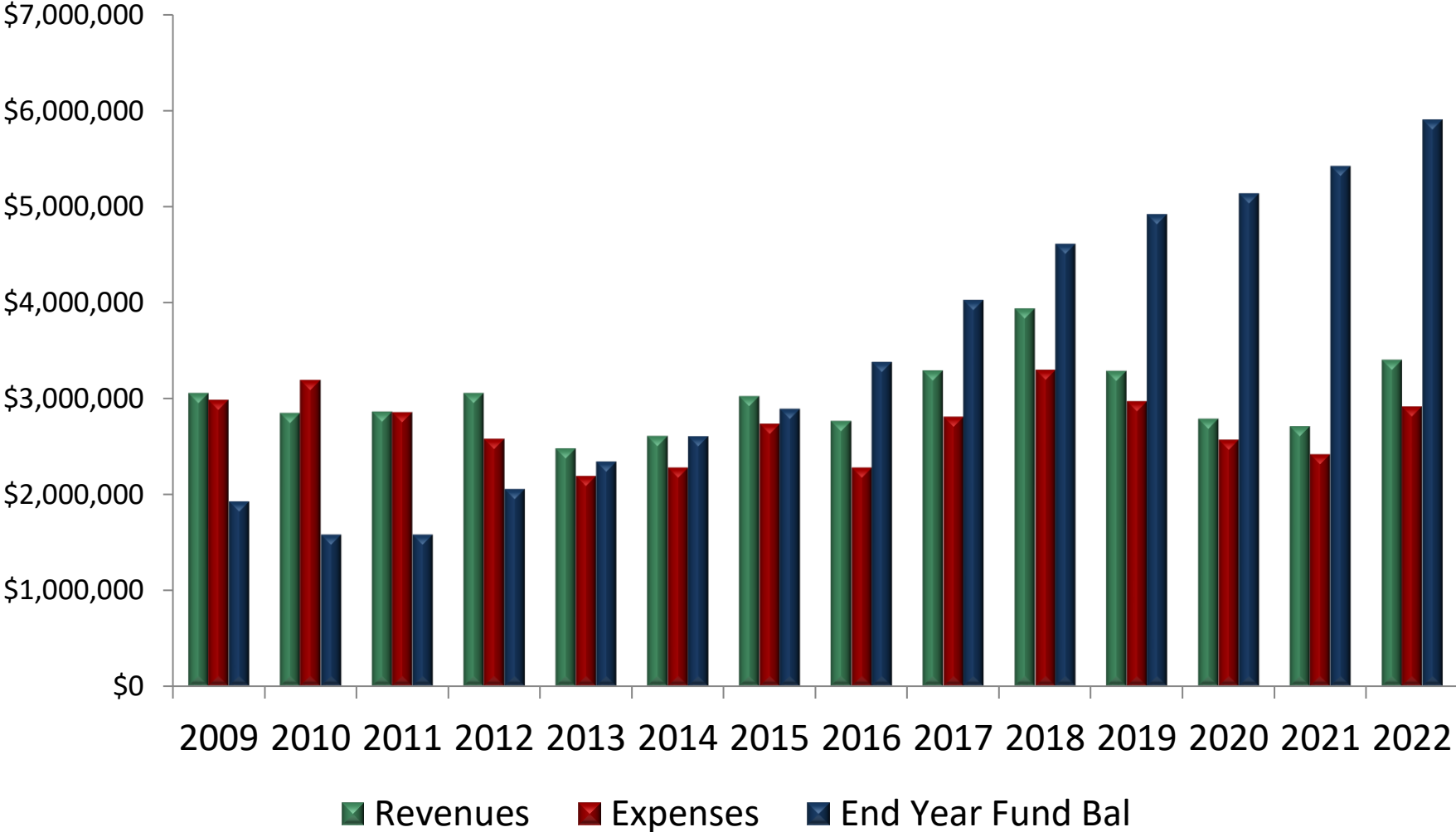


# REGIS Capital Account 2009-2022





# GVMC COMBINED ACCOUNTS





# GVMC

GVMC, in Partnership with ITC, held two very successful networking events with officials from throughout West Michigan at LMCU Whitecaps Ballpark

- Summer Cookout and Ballgame







GVMC / ITC  
November  
Dinner

Generously  
Sponsored  
by ITC



The logo for the Green Valley Municipal Council (GVMC) is located in the top left corner. It consists of the letters "GVMC" in a white, serif font, set against a dark blue rectangular background. The background of the entire page features a light beige color with a large, light green circular shape on the left side containing a faint leaf pattern, and a large, light blue abstract shape on the right side.

**GVMC**

# Department of Environmental Programs

GVMC Annual Report  
2022



## Meet Our Team



**WENDY OGILVIE**  
Director of Environmental Programs



**CARA DECKER**  
Stormwater Program Coordinator



**COURTNEY MAREK**  
Outreach and GIS Coordinator



**JOSH ARNOLD**  
Aquatic Specialist



**SENCI PACE**  
Environmental Programs Associate



**ROBERT CLOY**  
Urban Waters Ambassador



# LOWER GRAND RIVER ORGANIZATION *of* WATERSHEDS

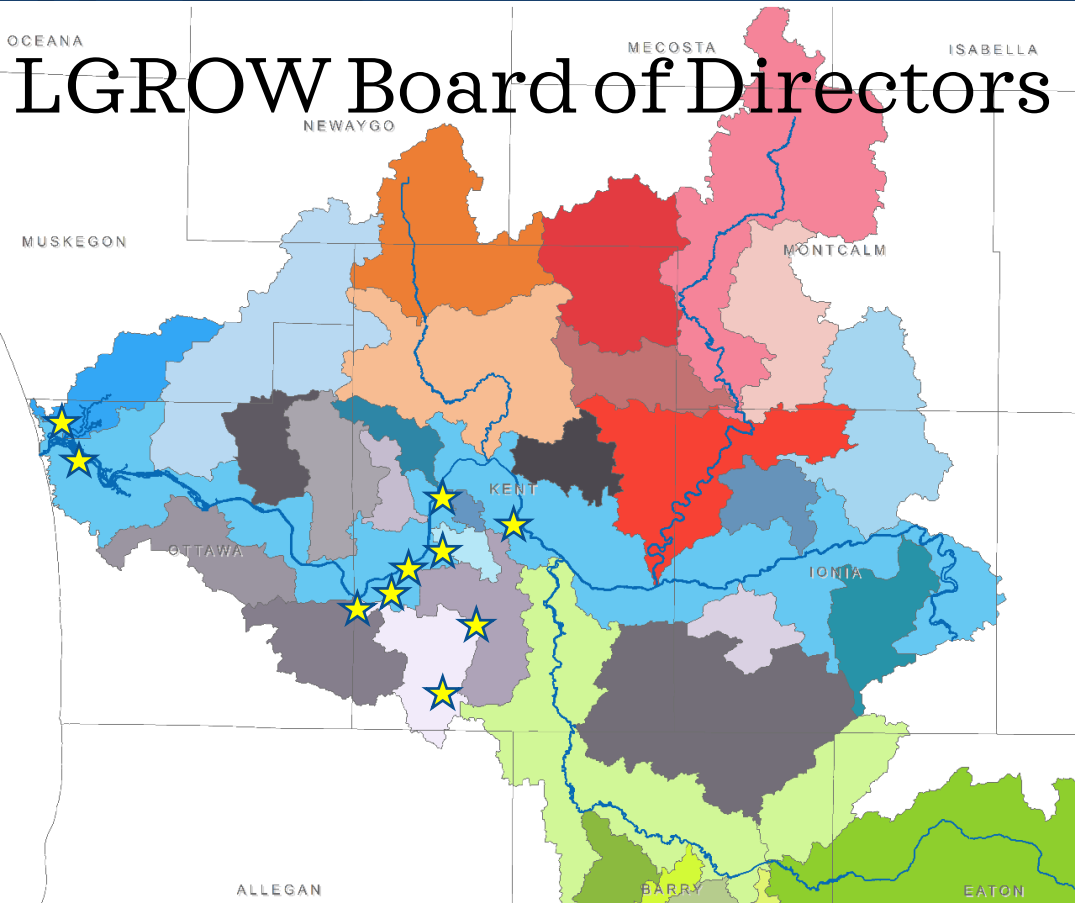


GVMC

- An Agency of GVMC
- 2022-2024 Strategic Plan
  - Healthy Watersheds
  - Active Community
  - Robust Organization
- 5 Committees
  - 144 individual members



## LGROW Board of Directors



Chair – Rachell Nagorsen, Walker  
 Vice Chair – Dan Taber, Grand Rapids  
 Past Chair – Aaron Vis, Wyoming

- **Public Engagement Committee**

Chair - Natalie Davenport, Gaines Township  
 Vice Chair – Tyra Jonas, Spring Lake Village

- **Technical Committee**

Chair - Scott Yonker, Grandville  
 Vice Chair - Grant Simons, Kentwood

- **Sustainability Committee**

Chair - Dan Taber, Grand Rapids

- **Subwatershed Committee**

Chair - Ben Jordan, Ottawa Conservation District  
 Vice Chair – Gerry Koning, The Refuge

- **Stormwater Ordinance (SWOrd) Committee**

Chair – Brad Boomstra, Kentwood

- **Special Advisor**

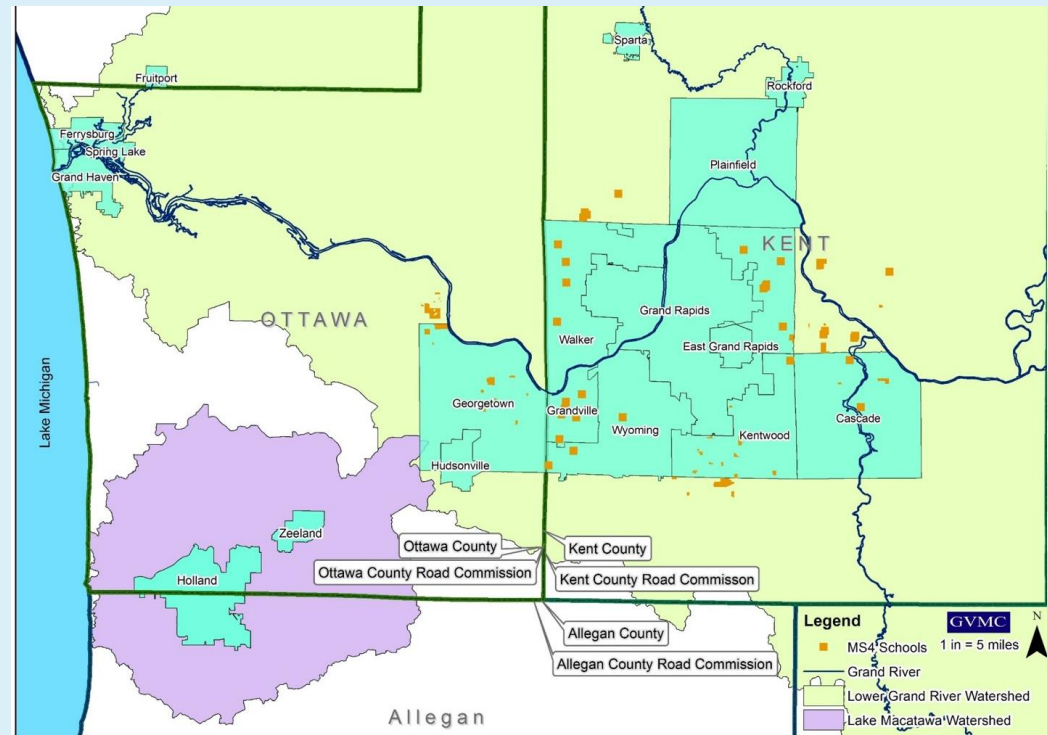
Carrie Rivette, Grand Rapids





# NPDES Stormwater Program

- 23 communities
  - 4 school districts
- Board/Commissions adopted new stormwater ordinance
- Conducted trainings to meet permit compliance
- Wet Weather Water Quality Sampling Sites completed in 2022
- LGROW Design Spreadsheet used in Macatawa Watershed and Muskegon



# Grand River Revitalization

## In-stream Work

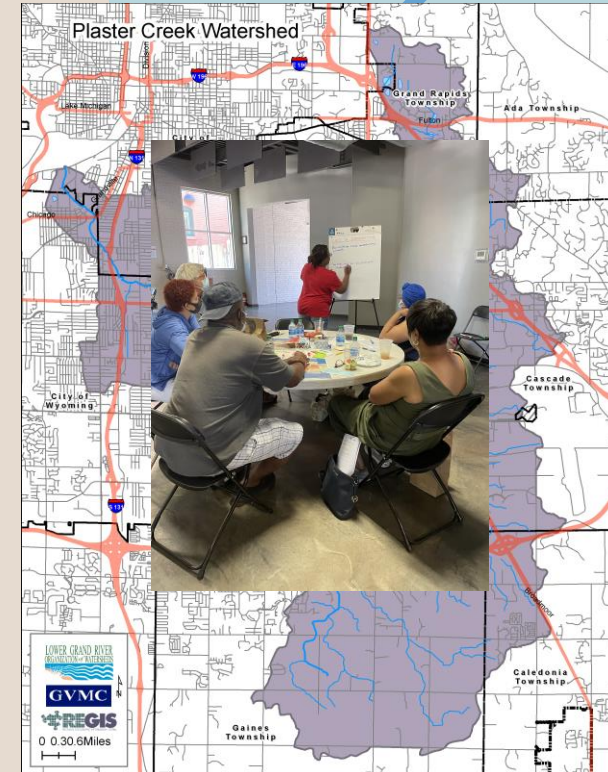
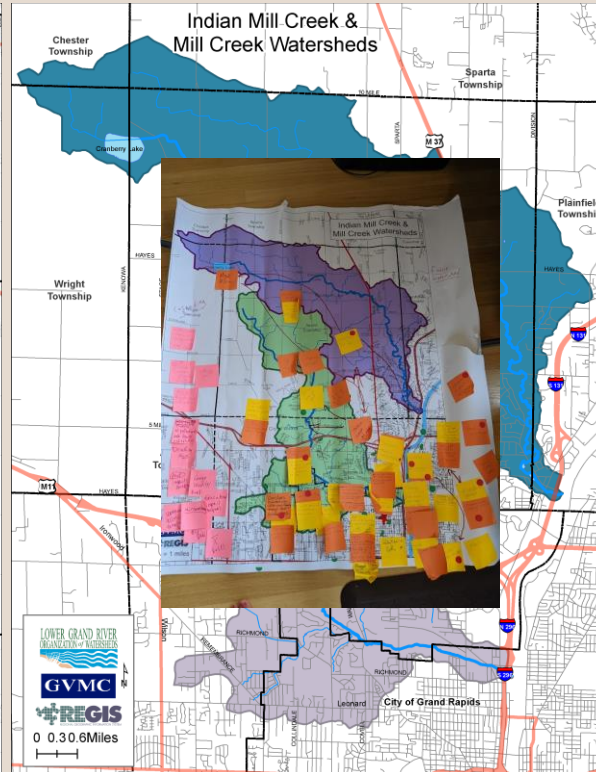
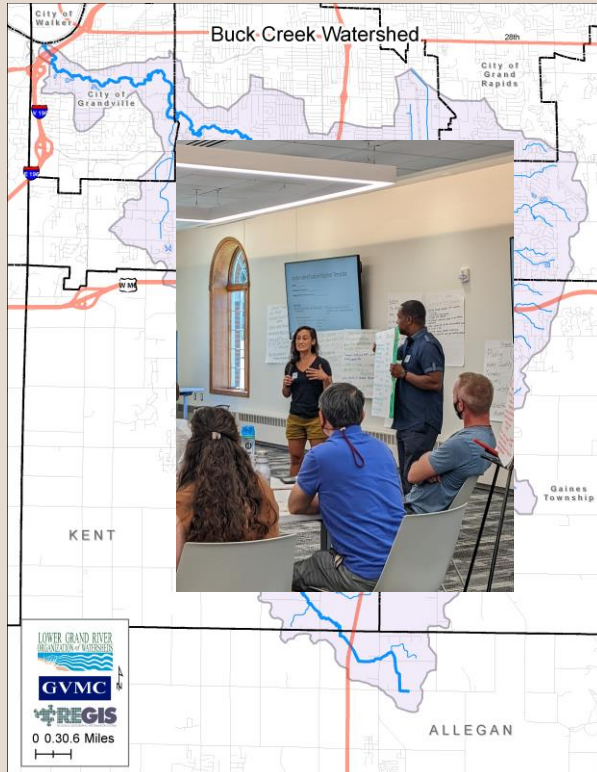
- Completed Design
- Environmental Assessment submitted & public comment period
- Submitted Joint Application Permit submitted & public comment period



## Urban Waters Federal Partnership

- US EPA & US Forest Service funding
- MDNR Forest to Michigan Faucets

# Watershed Resilience Plan Subwatershed Action Plans





# West Michigan Coastal Corridor

REGIS West Michigan Coastal Corridor

Kent and Ottawa Parcels Resilient Sites (Terrestr... Conservation and... Eco-Regions Wetland Critical Dune Areas

+

APRIL 19, 2021

Grand River Coastal Corridor

Ecological Assessment and Conservation Recommendations

Audubon | GREAT LAKES

# Grand River Forum

**LEARN** Forum kick-off Open House/MS4 Seminar/GSI Tour

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**HELP** Indian Mill Creek Cleanup, GVSU Sustainable Agricultural Program

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**EXPLORE** Grand Finale Kayaking, Watershed Warbler Walk

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## Environmental Education

**1,371**

Students reached



**181**

People attended green cleaning classes



**13**

In-person workshops



**20**

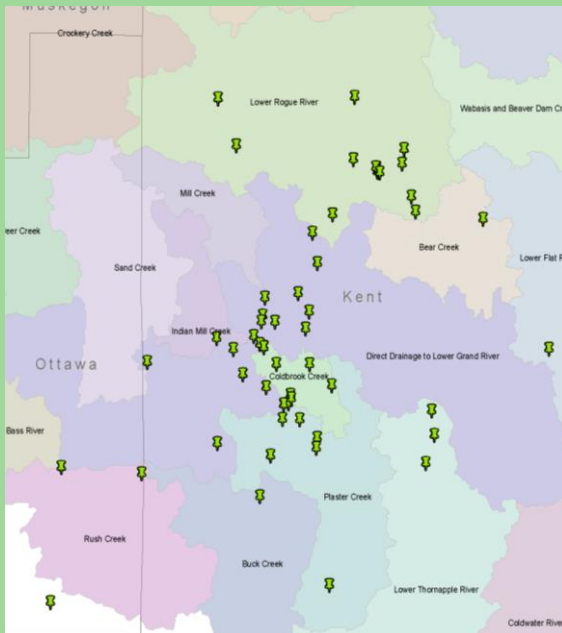
Grand Rapids Environmental Education Network partners

**3**

New partners

# Grand River Rainscaping

## SITE ASSESSMENTS



## IMPLEMENTATION SITES



## PARTNERS

- City of Grand Rapids
- West Michigan Environmental Action Council
- National Wildlife Federation
- Plaster Creek Stewards
- American Rivers
- West Michigan Sustainable Business Forum
- Native Plant Guild

# Grand River Water Trail

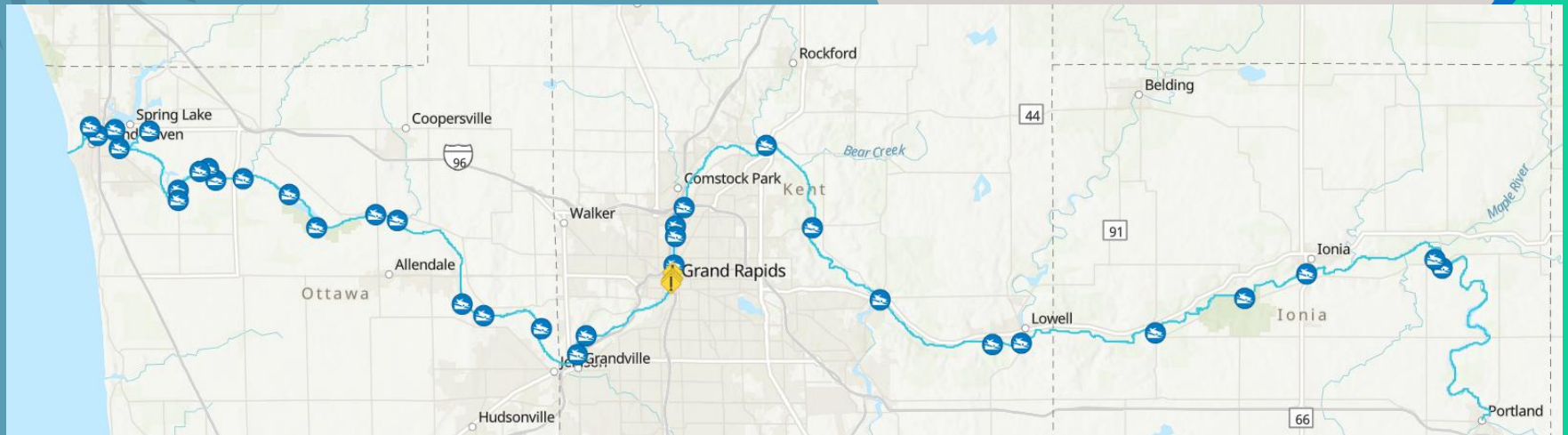
## Steering Committee

Ada Township    Steamboat Park (Grand Lady)    Grand Rapids

Upper Grand River Watershed Alliance    Middle Grand River Organization of Watersheds

GVSU    Walker    The Outdoor Journal    Ottawa County Parks & Recreation Commission

MDNR    WMEAC    Kent County Parks    National Park Service



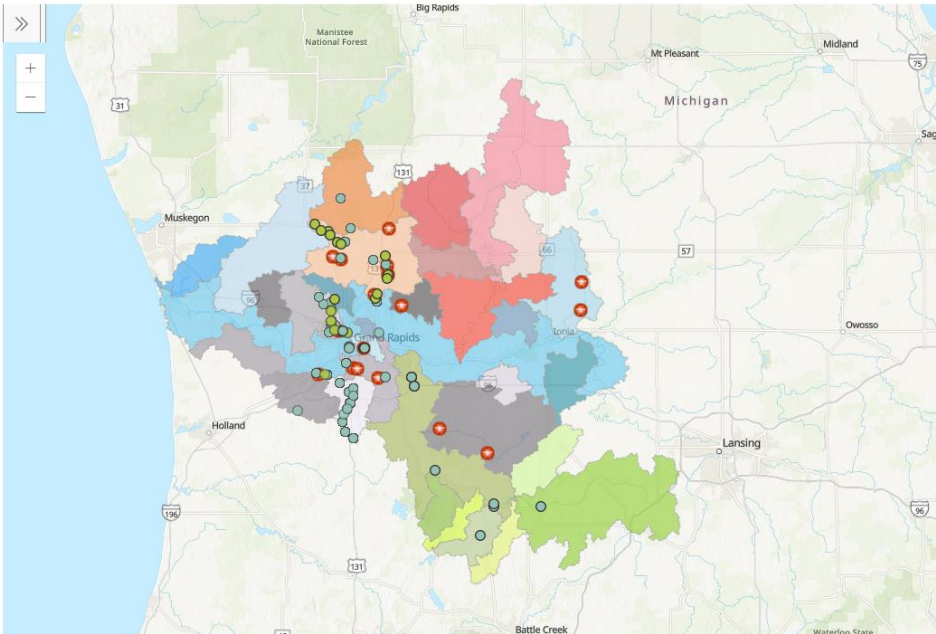


## Watershed Health Monitoring – LGROW Data Repository

### Surface Water Quality Standards

BIOLOGICAL DATA SHEET TUTORIAL

CHEMICAL DATA SHEET TUTORIAL



## Department Collaboration

### TRANSPORTATION

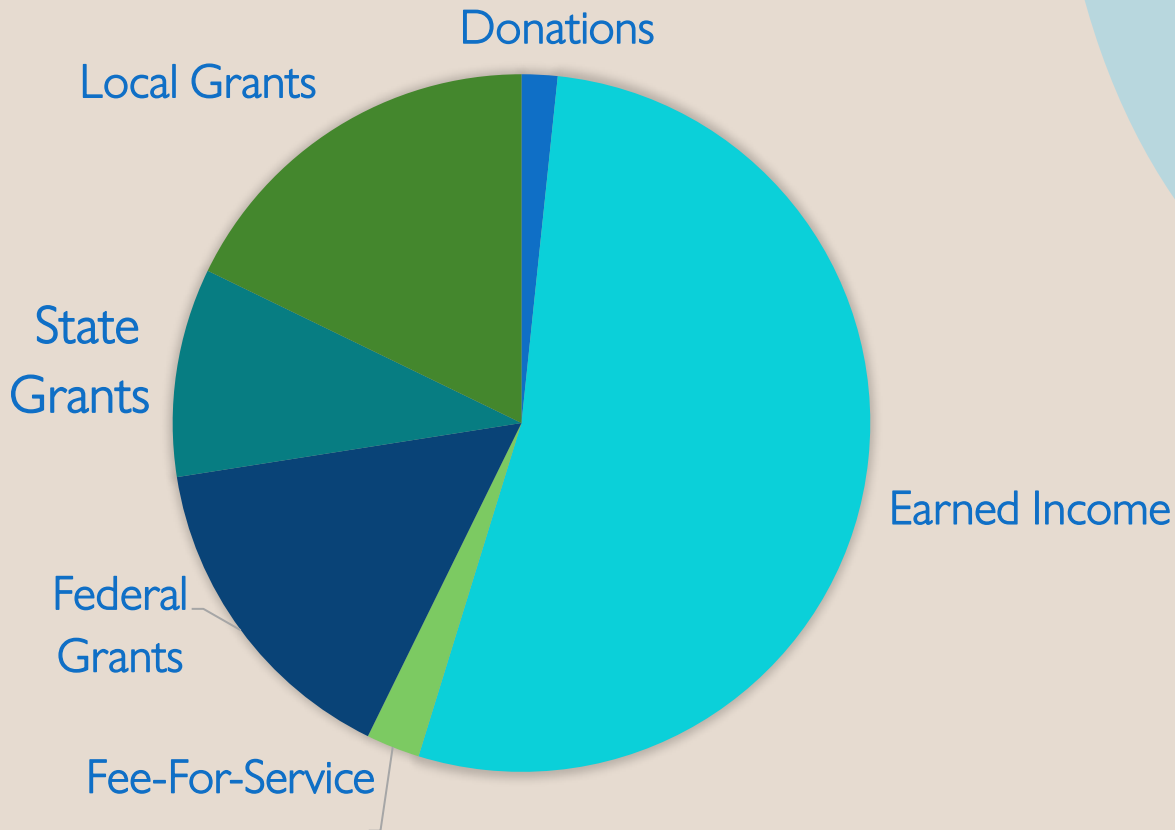
- o Clean Air Action
- o EPA Advance Program
- o Water Trail Development Plan

### REGIS

- o Episcopal Diocese Property mapping
- o Neighborhood Source Assessments
- o Uptown CIA mapping



# Funding Sources





# Follow us on social media!



<http://www.facebook.com/lgrow.org>



@lgrow\_org



<http://www.lgrow.org>

- 30% increase in likes on Facebook and Instagram
- Over 2,000 unique page views on website
- 4 newsletters published, all saved at: <https://www.lgrow.org/news>
- Provide MS4 Permittees monthly articles to post in community newsletter or news outlet

# **Transportation Department**



**Andrea Faber**  
Planner  
MTP, CAA, Safety,  
Public Involvement



**Laurel Joseph**  
Director of  
Transportation  
Planning



**George Yang**  
Sr. Planner  
Modeling, Congestion  
Mngmt, Safety, PMs



**Clover Brown**  
Asst. Planner  
Public Outreach,  
Safety, CAA, PMs



**Peter Kimball**  
Planner  
Traffic Counts,  
HPMS, Freight, GIS



**Mike Zonyk**  
Planner  
GIS, Pavement &  
Asset Mngmt, TIP



**Mara Gericke**  
Planner  
Nonmotorized, EJ,  
CAA, GIS

# MPO Forum

GVMC Board

Executive Committee

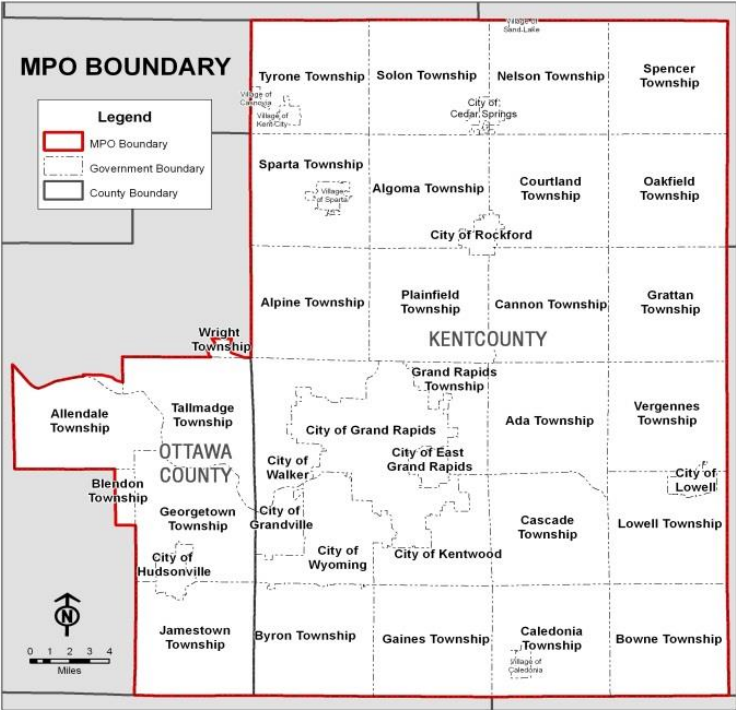
Executive Director

Policy Committee

Technical Committee

Transportation Programming Study Group

Advisory Committees  
 Nonmotorized Committee  
 Freight Committee  
 Traffic Count Committee  
 MTP Steering Committee



# FY 2022 MPO Programs

## Data Management and Analysis

Demographic and Economic Projections  
Multimodal Volumes and Physical Conditions  
Geographic Information Systems  
Performance Data Management

## Long-Range Planning

Travel Demand Modeling  
Metropolitan Transportation Plan (MTP)  
Land Use and Transportation Coordination  
Nonmotorized Planning

## Short-Range Planning

Transportation Improvement Program  
Technical Assistance  
Clean Air Action Program  
Freight Planning  
Public Involvement  
Safety Planning

## Transportation Management Systems

Pavement Management Systems  
Congestion Management System  
Asset Management

## Special Planning Studies

Airport Access Study  
Regional Transportation Demand Management Plan

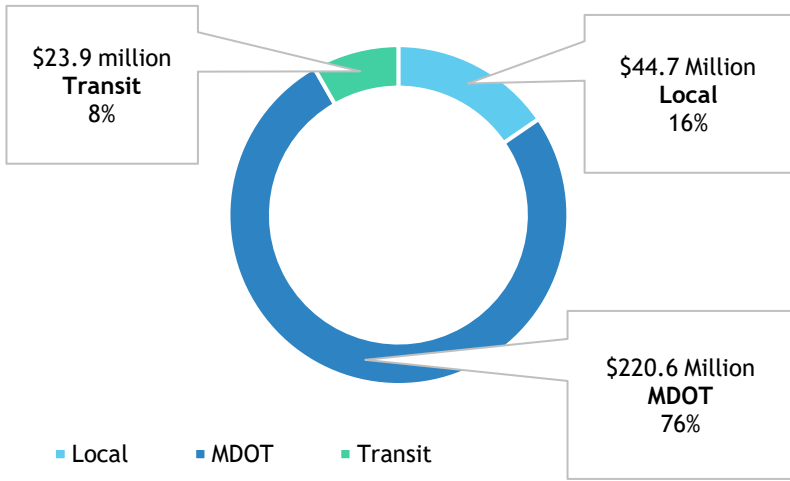
## Program Coordination

Program Administration

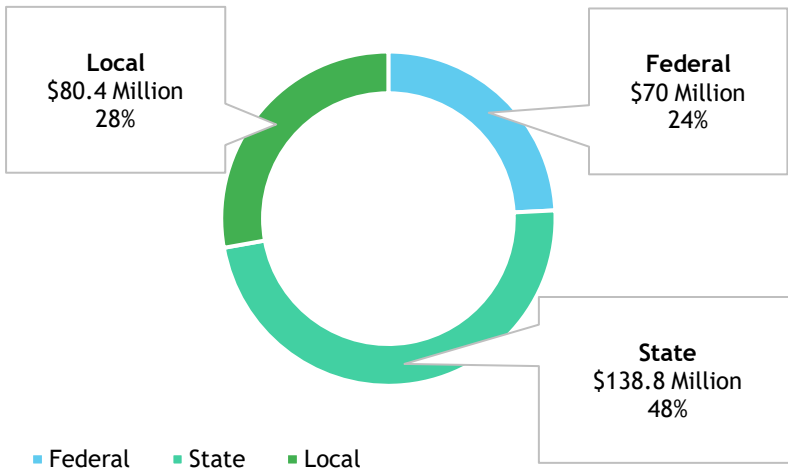
# FY2022 Transportation Improvement Program (TIP)

**\$289.2** Million Total Investment  
**102** Projects

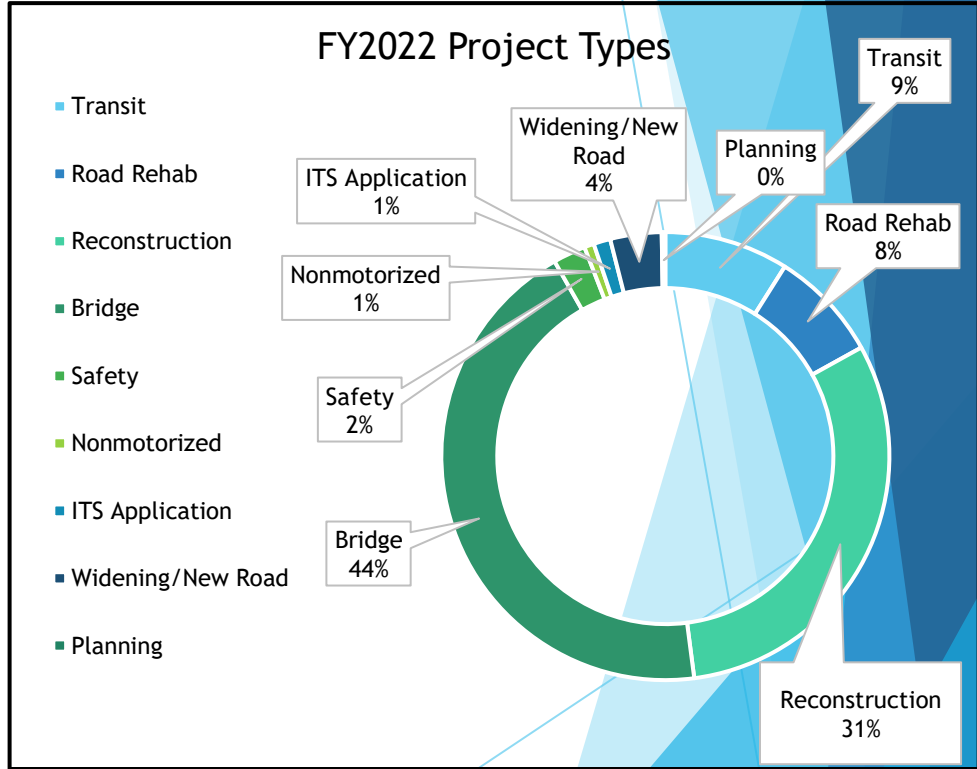
FY2022 TIP Project Investments



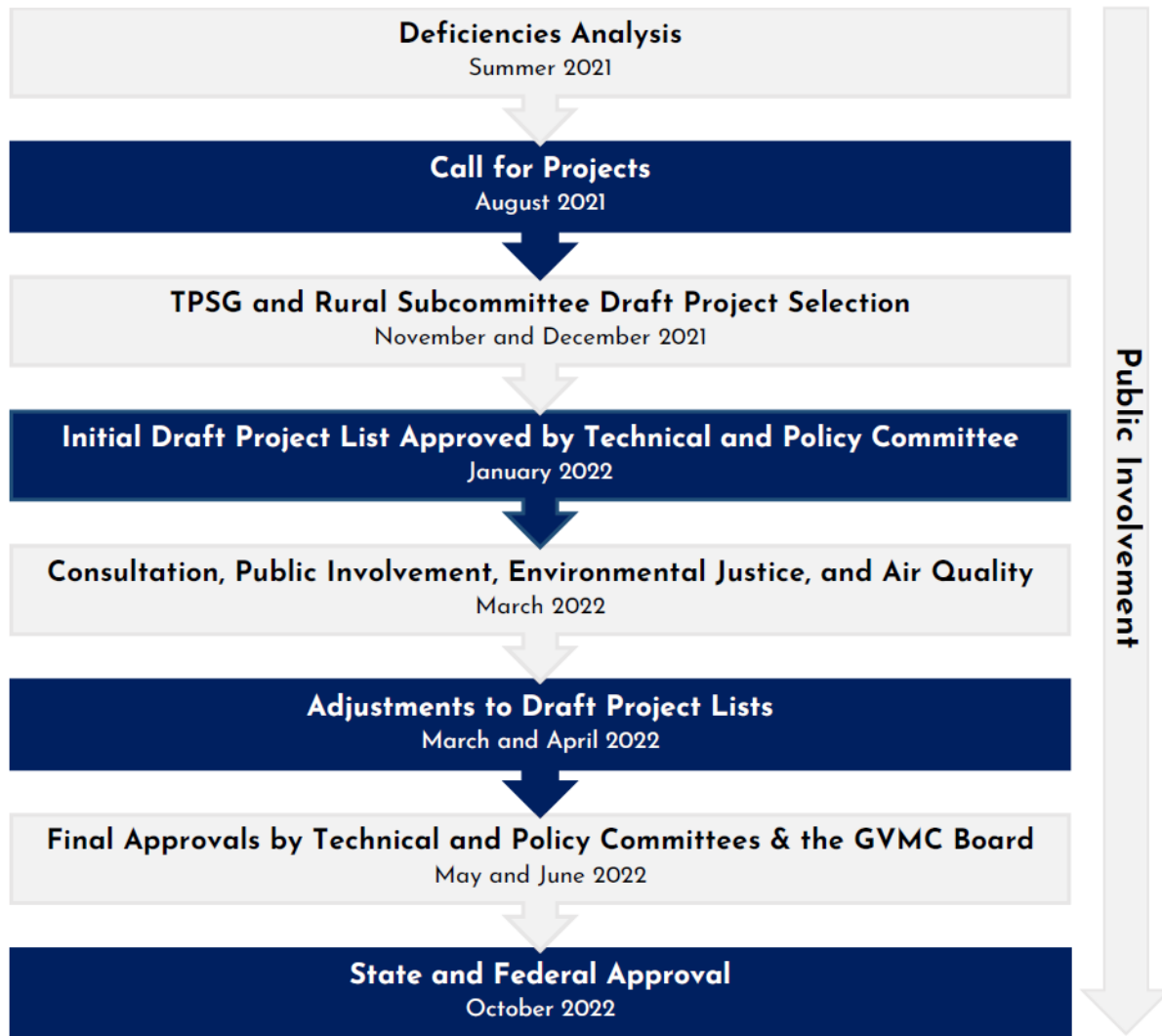
FY2022 TIP Funding Split



FY2022 Project Types



# FY2023-2026 TIP Development



Public Involvement

Over **\$515 Million** in investment

Over **230** Projects



## New Pavement Data Collection Vehicle



### Hardware Components

#### LONGITUDINAL PROFILING SYSTEM

Capable of collecting profile data at speeds up to 75 mph (Height sensors and accelerometers combined help determine the IRI, or roughness profile of the road).



#### RUTTING

A five-point laser system meeting AASHTO requirements is capable of measuring changes in wheel path depth comparing the valleys and crests of a roadway profile.



#### FORWARD/REAR VIDEO LOG IMAGES

Delivers up to 12 frames per second at 9 MP resolution.



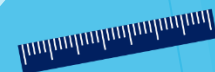
#### GPS

Highly accurate position receiver/antenna provides positional accuracy in coordination with velocity and time data.

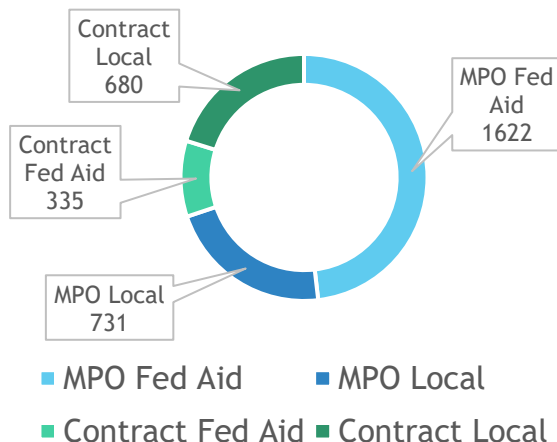


#### DISTANCE MEASURING UNIT (DMI)

Instrument capable of precisely measuring in increments of feet, miles, meters or Kilometers.



**3,368** total miles surveyed



Total cost: \$203k  
 Fed Share: \$166k (over 5 years)  
 GVMC Share: \$37k

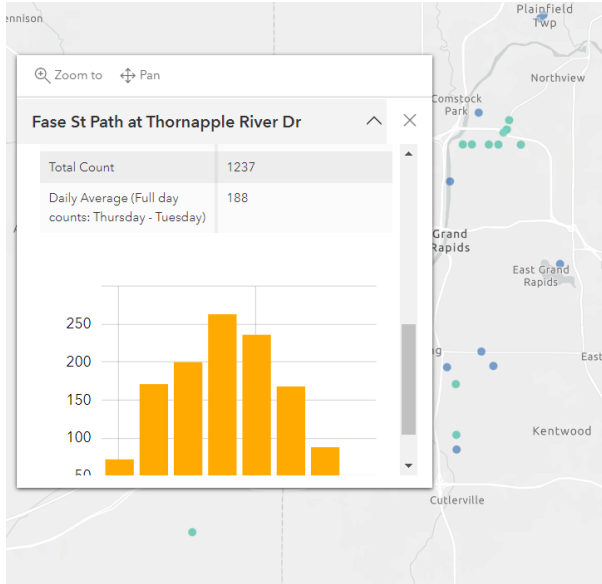
FY22 Contract Revenue: \$60.5k



# Nonmotorized Count Program Expansion

Pilot in FY2021: 19 peak hour, 3-day manual counts

FY2022: Utilized an automatic counter to take **24 hour, 7-day** counts at **22** locations in the region



Developed a [mapping application](#) to provide count information to members and the public

Acquired a second counter at the end of the season that is also capable of taking bicycle tube counts





# Clean Air Action and Safety Outreach Programs



**22** partners that hosted the display  
**10** public events attended by staff  
**34** partner requests for safety items



## Safety Items Given Away

**5300** bike lights

**4748** wrist bands

**3192** belts

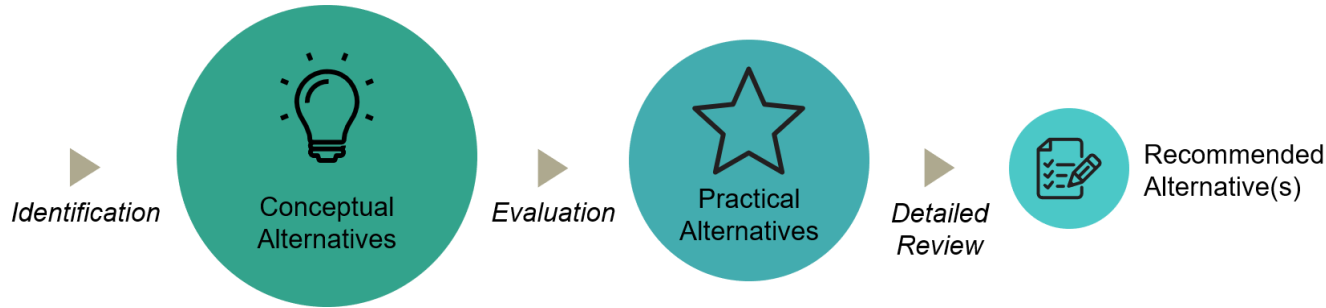
Pedestrian Safety PSA

<https://youtu.be/6TvvYRHiAko>



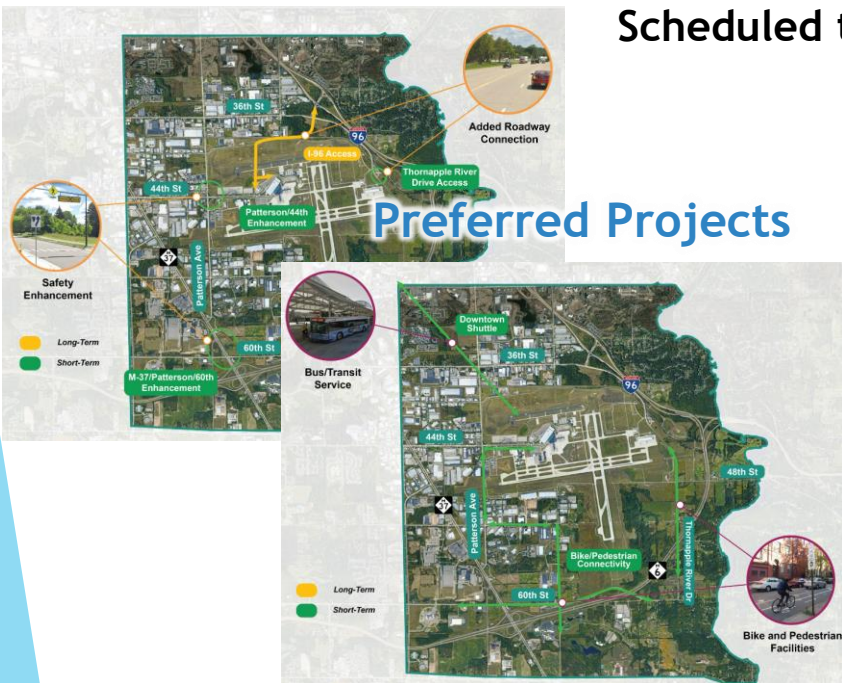
# Airport Access Study

**Purpose:** Assess options to expand multimodal access options to the airport and improve the connectivity of the surrounding local road and freeway network in order to facilitate future airport expansion and accommodate regional growth and development.



**Technical Advisory Committee (TAC)**  
 MDOT Grand Region  
 GFIA  
 KCRC  
 Cascade Charter Township  
 City of Kentwood  
 The Rapid  
 Kent County  
 The Right Place  
 GR Chamber of Commerce  
 Experience GR

**Scheduled to be complete by Spring 2023**



## Engagement Efforts

- 3** Public Surveys
  - 13,748** total responses in Phases 1 and 2 (Phase 3 still pending)
  - 5,089** responses from residents of the region
- 2** local public body meeting presentations
- 1** virtual public meeting (January 19)
- 1** in-person open house (January 24)
- 4** TAC meetings

## Regional Transportation Demand Management Plan

**Purpose:** Develop a plan to increase access to transportation options and create opportunities to make every trip faster and more efficient as our region grows and demand on our roadways increases.

### Plan Objectives:

- 1) Foster regional coordination to unify TDM messaging and programming
- 2) Help people to live and work in the region get around without a car
  - 2a) Use TDM programming to increase transit and vanpool ridership
- 3) Integrate TDM into infrastructure investments, land use policy, and parking decisions
  - 3a) Educate key decision-makers on the benefits of TDM
- 4) Build relationships with employer partners to maintain the trip reduction benefits of flexible work locations and hours

### Technical Advisory Committee (TAC)

City of Grand Rapids

City of Walker

City of Kentwood

Ottawa County

MDOT Grand Region

The Rapid

GFIA

Disability Advocates

Spectrum/Corewell Health



**COMMUNITY WORKSHOP**  
GVMC REGIONAL TRANSPORTATION  
DEMAND MANAGEMENT (TDM) PLAN

**MONDAY**  
**JANUARY 23**  
**1:00-2:30PM**

**JOIN US!**

**Rapid Central Station**  
250 Cesar E. Chavez Ave SW,  
Grand Rapids, MI 49503

GVMC IS WORKING ON A REGIONAL TRANSPORTATION DEMAND MANAGEMENT PLAN. THE TEAM HAS PREPARED A LONG LIST OF POSSIBLE TDM STRATEGIES AND NEEDS YOUR FEEDBACK. YOUR VOICE WILL HELP SHAPE OUR REGION'S APPROACH TO TRANSPORTATION CHALLENGES FOR THE NEXT 5-10 YEARS!

**GVMC** Find out more at [gvmc.org/tdm](http://gvmc.org/tdm)





## Follow us on Social Media!



Grand Valley Metropolitan Council



@GVMC



@gvmc.transportation



Grand Valley Metro Council

## Join our Mailing List!

[www.gvmc.org/get-involved](http://www.gvmc.org/get-involved)

**2,240** current subscribers

### Subscribe to our mailing list

\* indicates required

Email Address \*

First Name

Last Name

Company

#### GVMC Mailing List

Newsletter

Public Involvement

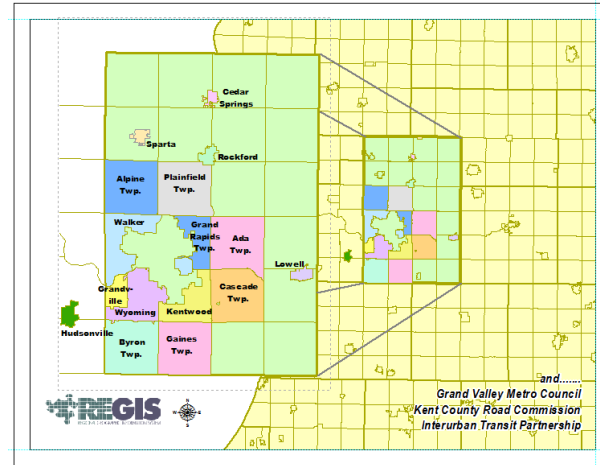
**GVMC**

**Regional Geographic  
Information System**



# Regional Geographic Information System (REGIS)

- Full GIS Support for:
    - 9 cities and 1 village
    - 7 townships
    - 3 other organizations
- KCRC, The Rapid & GVMC



- Major Mission:

*Fully Support the activities of REGIS members by providing and maintaining accurate, current and complete geospatial data and services while seeking partnership and collaboration opportunities across the West Michigan Area*



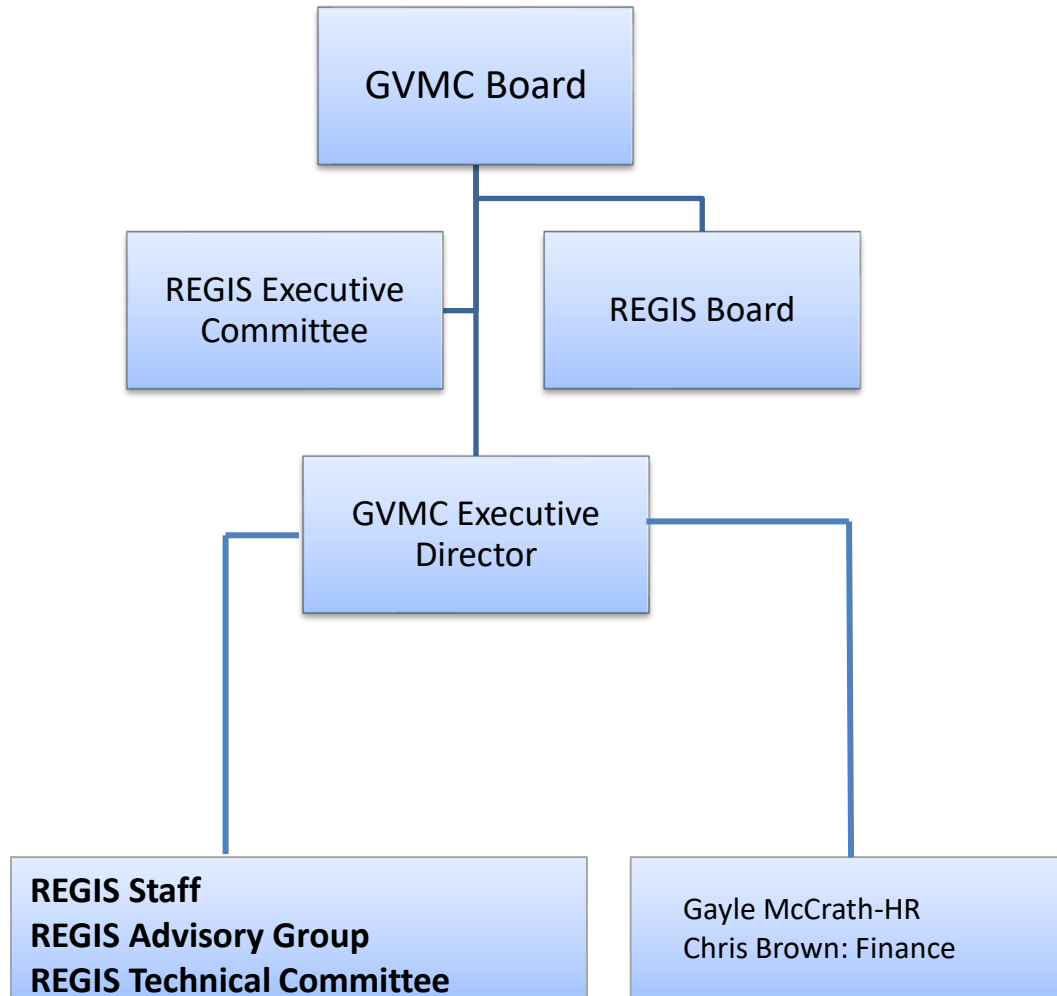
## Staff

- Jason Moore
  - Director of GIS Services
- Jing Han
  - Senior GIS System Administrator & Programmer
- Steven Musch
  - GIS Analyst
- Margaret Chappetta
  - GIS Analyst





# Organizational Structure



# Board Members

- Ada Township – Julius Suchy
- Alpine Township – Sue Becker\*
- Byron Township – Peggy Sattler
- Cascade Charter Township – Brian Hilbrands
- City of Cedar Springs – Michael Womack
- City of East Grand Rapids – Doug LaFave
- *Gaines Charter Township – Vacant*
- Grand Rapids Charter Township – Mike Devries
- City of Grandville – Matthew Butts
- City of Hudsonville – Dan Strickwerda
- The Rapid – Nick Monoyios
- Kent County Road Commission – Steve Warren\*
- City of Kentwood – Shay Gallagher
- City of Lowell – Michael Burns
- Plainfield Charter Township – Cameron VanWyngarden\*  
*(Vice Chairperson)*
- City of Rockford – Thad Beard
- *Village of Sparta – Vacant*
- City of Walker – Frank Wash
- City of Wyoming – Curtis Holt\*

*\*Member of Executive Board*

# Advisory Committee Members

- Ada Township – Julius Suchy
- Alpine Township – Sue Becker
- Byron Township – Peggy Sattler
- Cascade Charter Township – Brian Hilbrands
- City of Cedar Springs – Bill LaRose
- City of East Grand Rapids – Doug LaFave / Brian Bigorowski
- *Gaines Charter Township – Vacant*
- Grand Rapids Charter Township – Robin Rothley
- City of Grandville – Charlie Sundblad, Jim Vanderwest, and Tyler Hoezee
- City of Hudsonville – Dan Strickwerda and Sarah Steffens
- The Rapid – Nick Monoyios
- Kent County Road Commission – Rick Sprague (Vice Chairperson)
- City of Kentwood – Jim Kirkwood
- City of Lowell – Ralph Bracken
- Plainfield Charter Township – Pete Elam
- *City of Rockford – Vacant*
- *Village of Sparta – Vacant*
- City of Walker – Jason Rottman and Rachell Nagorsen
- City of Wyoming – Jeff Oonk and Paul Gerndt (Chairperson)

# Technical Committee Members

- City of East Grand Rapids – Gary Veldhof
- Kent County Road Commission – Mike Goeree
- City of Kentwood – Matt Anderson
- City of Walker – Jason Rottman
- City of Wyoming – Paul Gerndt (Chairperson)

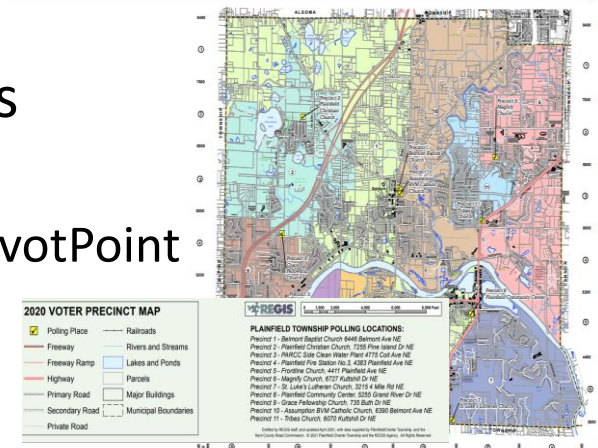
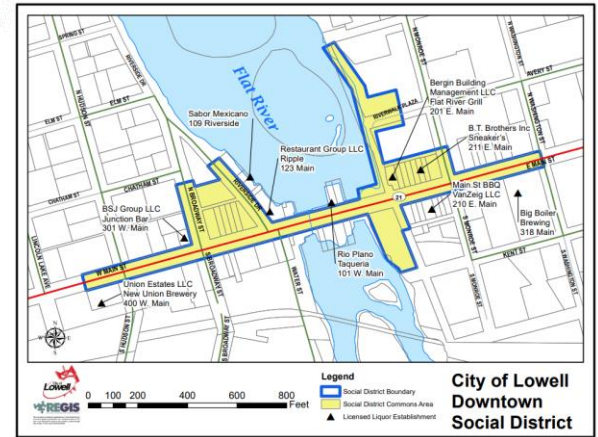
# Major Accomplishments in 2022

- REGIS celebrates 25 years
- Financial Stability: REGIS Members Receive \$100,000 Rebate In 2022, 6 years = \$750,000
- Nearing completion of Server Room Software Upgrade , Continued User Confidence in System
- Internet upgrade at Data Center faster speed at lower cost
- Regional Collaboration Efforts in GIS
  - May 11 - Featured in Detroit News Article
  - June 6<sup>th</sup> – Presentation at 29<sup>th</sup> annual Improving Michigan’s Access to Geographic Information (IMAGIN)
  - July 20<sup>th</sup> – Presentation at Michigan Municipal Executives (MME) Summer Workshop
  - August 4<sup>th</sup> – Virtual GIS Career Fair – Mi Stem’s Network Greater West Michigan Region



# REGIS Service Portfolio

- Data Updates and Custom Mapping
- Document Management
- GPS Hardware Support & Integration
- Application Development
- Data Analysis & Requests
- Integration into other software platforms
  - Asset Management : LuCity and Pubworks
  - Assessor Field Data Collection : BS&A and PivotPoint
  - Public Safety : New World & NextDue



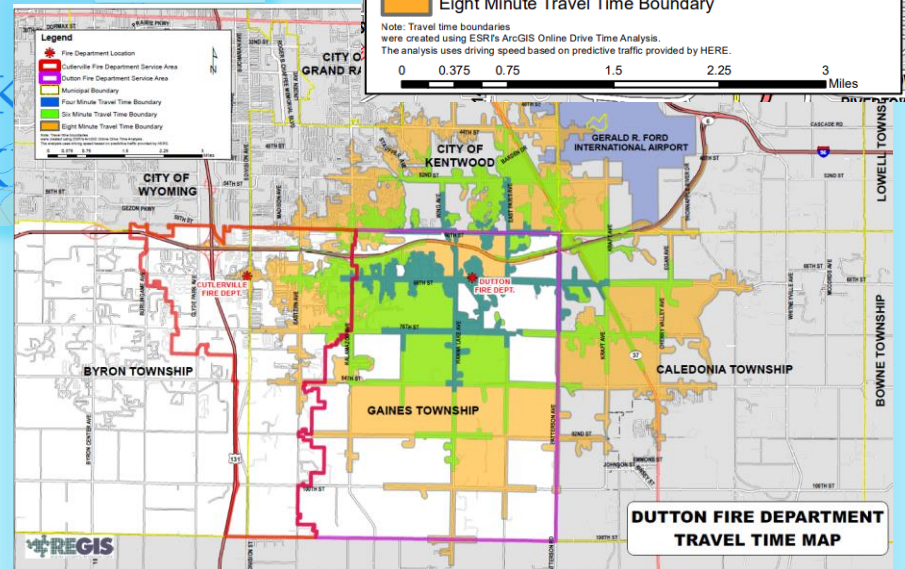
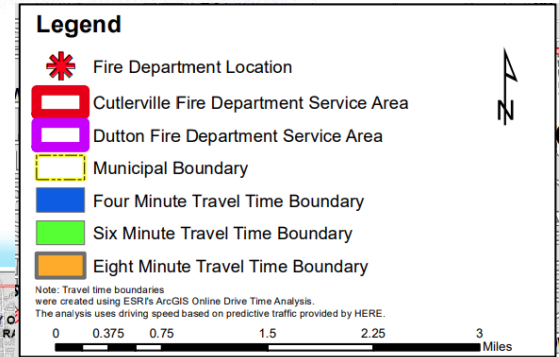
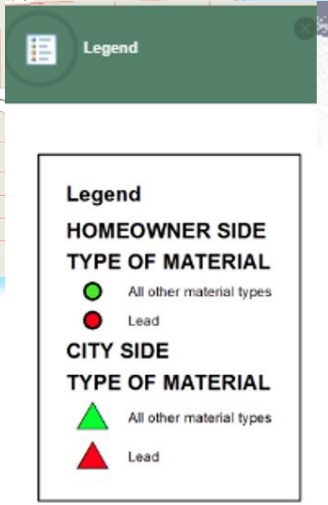
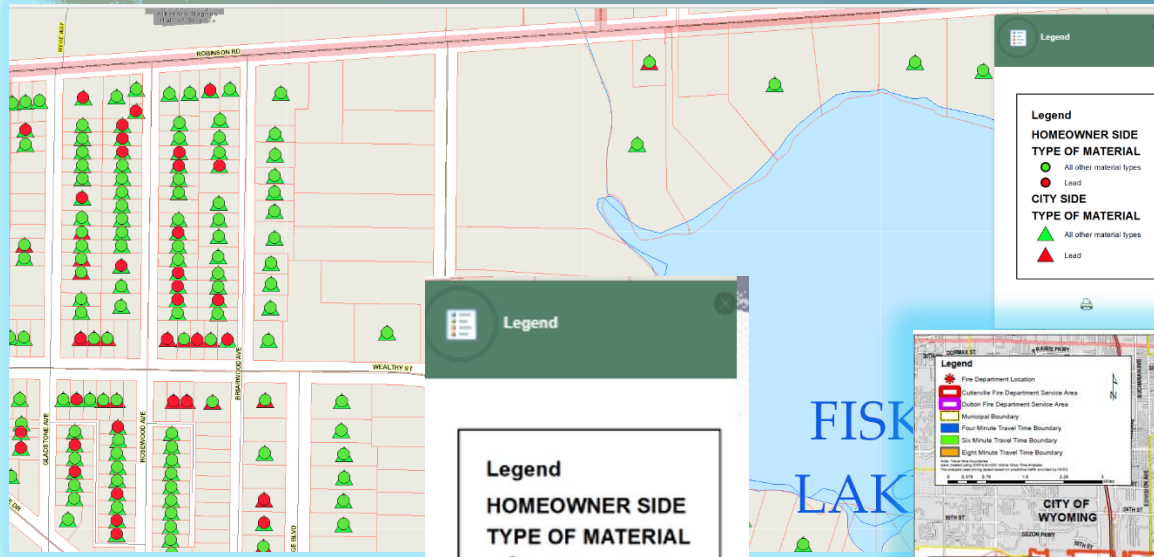
# Project Spotlights

- Redistricting Process – GIS Mapping Support
- Drinking Water Service Inventory – Lead Abatement
- Public Safety – Drive Time Analysis: Dutton & Cuttlerville Fire Departments
- Gaines Charter Township Master Plan Community Input

# Project Spotlights

## Drinking Water Inventory - Lead Abatement

## Public Safety Drive Time Analysis



# Project Spotlights

## Gaines Charter Township Master Plan Community Input

Example Survey and Map

**Current Land Use**

- Commercial
- Industry
- Neighborhood Residential
- Multi-Family Residential
- Office / Church / Hospital
- Park / School / Public Lands
- Rural Areas

**Public Input Questions (1)**

1 +

**Where would you like to see a change in land use?**

Use CTRL & scroll or the (+ / -) buttons to zoom in/out and the pointer to pan around the map. When you are ready to add your suggested change, Tap or Click on the map in the location you want. When complete, continue to the next question to specify the desired land use.

### What land use do you suggest for this area?

Choose the desired land use type. Before clicking submit, you can add multiple proposed changes by clicking the "+" next to the green circled 1, above the map question. You can add as many as you want, and delete any you don't. When finished, click submit.

- Commercial
- Industrial
- Single-Family Residential
- Multi-Family Residential





**Grand Valley  
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