Southwest Michigan Planning Commission



Planning Great Communities Together

Serving Berrien, Cass & Van Buren Counties

2022

Annual Report

Southwest Michigan Planning Commission 2022 Board

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Cover photos courtesy of the Village of Cassopolis

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Southwest Michigan Planning Commission (SWMPC)

We are one of fourteen state recognized regional planning governmental non-profit organizations in Michigan. The organization was enabled by state legislation (the Regional Planning Act, 1945 PA 281) and formally created in 1971 by the three counties it serves, Berrien, Cass, and Van Buren. SWMPC is a regional planning resource staffed with professional regional planners and is designed to be responsive to the planning needs of our region.

SWMPC is the USDOT and MDOT recognized Metropolitan Planning Organization for the Twin Cities Area (Benton Harbor-St. Joseph) and the Niles-Buchanan-Cass County Area Transportation Studies, as well as the rural and small urban transportation Regional Planning Agency for Berrien, Cass, and Van Buren Counties. SWMPC is the state designated area-wide water quality management planning agency under the Clean Water Act, and the SWMPC leads and participates in watershed management planning. SWMPC is also the U.S. Economic Development Administration designated Economic Development District for those same three counties.

SWMPC Mission Statement

Our team uses its passion and expertise to connect people, assist communities and advance cooperative solutions to regional challenges experienced by the communities that created us.

Message from Our Executive Director

The year 2022 was an amazing two-lane road where the COVID crisis was in the opposite lane headed into the past and we were headed in the lane toward new opportunity and change. This is not to suggest that those who continued to struggle with the personal, physical, and emotional consequences of the virus were forgotten. In fact, the human impact of our work has never been more in focus for us. We saw the struggle by looking around us, listening to our peers, and digging deeply into the data. As we measured the fallout, we could see where change was demanded; in mobility, housing, broadband access, food, social cohesion, and new approaches to maintaining our health. The SWMPC responded by putting regional voices together to build plans and strategies for a better future less disrupted by major shock and stress.

Our Annual Report for 2022 reflects some, but certainly not all, of our work from this unique year. We have learned from past reports that being encyclopedic is the wrong approach. Rather, the goal is to give the reader a look at the overall range of our docket. I trust that for those interested in digging deeper, or whose curiosity we have stirred, the Report will help with information on how to find more. Thank you to all who contributed to the good work of 2022. I know that without our SWMPC Board and our many collaborators, none of the work would have been possible.

K. John Egelhaaf, AICP, Executive Director

transportation & mobility

Transportation Planning

The SWMPC is the federal and state designated center for Transportation Planning for the region's urbanized and non-urbanized areas. Certified by the Federal Highway Administration and the Federal Transit Administration, SWMPC is the Metropolitan Planning Organization for two urbanized areas in the region – St. Joseph, Benton Harbor (TwinCATS) and the Niles, Buchanan Cass Area (NATS).

The SWMPC staff work closely with MDOT as well. We are often the bridge that links local roads and transit agencies with state and federal funding for transportation improvements and operations. With representation from elected officials and transportation agencies, federal and state-funded transportation projects are coordinated through SWMPC.

SWMPC transportation planning staff members facilitate regular public meetings and work closely with area road and transit agencies to identify and plan for roads, public transit services, and non-motorized pathways. This program coordinates and facilitates regional planning for federal and state investments in surface transportation.



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Improving Public Transit Human Service Coordination

The state of Michigan has 78 public transit agencies serving every county of the state, complemented by hundreds of private transportation providers. Whether by choice or circumstance, these transportation providers are the key to mobility for Michigan citizens who lack access to a personal vehicle for their transportation needs. Despite this statewide coverage and transit agencies being responsible for more than 81 million rides in 2019, numerous gaps in Michigan's transportation network still exist. These gaps particularly impact transportation-disadvantaged populations such as individuals with disabilities, older adults, and lower-income persons who experience higher costs, fewer options, and less flexibility as a result.

To address some of the strategies outlined in the 2045 Michigan Statewide Public Transit Plan, the Michigan Office of Passenger Transportation (MDOT OPT) reached out to SWMPC in 2022 to manage two statewide projects which will conclude in the summer of 2023. The two projects include:

Regional Coordinated Transportation Plans for Michigan's 14 Planning Regions

The Coordinated Transportation Plans will provide an assessment of available transportation services and identify mobility needs and potential improvements in each of the 14 designated planning regions in Michigan. Coordination between transportation providers and human service agencies will also be evaluated to identify opportunities for providing more rides using the same or fewer resources, making transportation easier to use and giving customers more options of where and when to travel. SWMPC and MDOT OPT are working with KFH Group, a national transportation planning firm that has led similar statewide, regional, and local efforts in Michigan. Project Website: https://michigancoordinationplans.com/

Statewide Mobility Management Strategy

To implement the strategies outlined in the Regional Coordinated Transportation Plans, a Statewide Mobility Management Strategy project is simultaneously being worked on to provide a solid platform for coordination efforts across the 14 regions. SWMPC has contracted with Easter Seals Project Action and is working with MDOT OPT and various stakeholders to create a foundation for implementation of the Regional Coordinated Plans.

The key components of the Statewide Mobility Management Strategy project are:

Development of Statewide Standards: A crucial aspect of the project involves formulating consistent statewide standards for the Mobility Management Program. These standards will serve as a guiding framework for coordinating transportation efforts across the state.

Mobility Management Application Guidebook: This guidebook will provide detailed instructions, best practices, and valuable insights to aid stakeholders in effectively utilizing and implementing mobility management strategies.

Mobility Management Evaluation Tools: To gauge the effectiveness of the initiatives, the project will develop evaluation tools to help assess the impact of the Regional Coordinated Plans, identify areas of improvement and measure the overall success of the Mobility Management Program.



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Asset Management Data Collection

Every year, the SWMPC collaborates with the County Road Agencies to evaluate the condition of Federal-Aid (FA) eligible roads in compliance with Michigan's Act 51 (P.A. 499 in 2002 and P.A. 199 in 2007), which requires local road agencies to annually report the condition of the roads under their jurisdiction to the Transportation Asset Management Council (TAMC). The guidelines from TAMC for pavement assessment require a team consisting of representatives from the regional planning agency and the county road agency to evaluate half of the federal aid roads in each county every year using the PASER system. The PASER system, short for Pavement Surface Evaluation and Rating, employs a visual survey method that provides a straightforward, efficient, and consistent approach to assess the condition of paved roads that assigns each segment a score ranging from 1 to 10. These scores correspond to the categorization of roads as either good, fair, or poor.

Due to the impact of COVID-19, TAMC waived the rating requirements for the year 2020 and implemented changes to the Federal Aid (FA) PASER data collection requirements. These changes included reducing the rating teams from three members to two members and making adjustments to the training criteria to address the pandemic cancellation of on-site training and certification opportunities. In 2021, data collection resumed and teams were required to assess 100% of the FA system.

From 2022 onward, the obligation to rate half of the county's federal aid eligible roads per year was reinstated. To obtain a comprehensive picture of the pavement condition for an entire county, ratings from two consecutive years are used. The ratings obtained in 2022 for the southern portion of the counties will be paired with the ratings from 2023 for the northern half of each county.

Program Contact

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Regionwide Transportation and Infrastructure Funding

In 2022, transportation programs experienced a significant boost in funding attributed to two primary sources. The first was the Coronavirus Response and Relief Supplemental Appropriations Act (CRSSA or "Crissa"), which provided funds aimed at pandemic recovery. The second source of funding was the Infrastructure Investment & Jobs Act (IIJA or "Infrastructure Act").

Over the span of five years, the combination of these two Acts promised transportation programs managed by the SWMPC an estimated \$11 million in additional funding, representing a 40% increase above the expected funding amounts for 2022-2026 based on 2021 projections. While both federal Acts were passed prior to 2022, it was in January 2022 that MDOT announced the specific fund amounts available for fiscal year 2022 projects.

Staff Actions to Program the Additional Funds

Projects for 2022 and 2023 were already in process when additional funds were announced. Actions had to be taken quickly to either ensure funds could be added to existing projects or to apply the funds to new projects approved before the funds expired at the end of the fiscal year. To ensure every dollar was utilized, SWMPC staff:

- Created multiple scenarios across the relevant funding sources. These were then used to open up discussions with road agencies for the creative use of the additional funding.
- Engaged in conversations with road engineers about projects that needed more funding due to inflation.
- Worked with MDOT to allow fund additions to projects which had already been approved.
- Organized and facilitated 30+ meetings where committees presented and voted on the projects involved.

In 2022, MDOT announced an additional \$11 Million in funding across the 12 transportation programs the SWMPC manages for the years 2022-2026

Outcomes:

- Added length to existing road reconstruction projects.
- Rescheduled projects to make needed repairs sooner.
- Funded non-motorized projects previously planned but not yet funded.
- Added projects that were previously not selected because of limited funding.
- Provided additional funding for public transit to cover a dramatic rise in bus purchase prices.
- Reduced local match burden due to significant construction and material cost increases that increased overall project costs.

Examples of Projects Utilizing the Funding:

- Extended the limits for the reconstruction of Red Arrow Highway though the Village of Stevensville (Berrien)
- Added the Resurfacing of Calvin Center Road (Cass)
- Reduced Van Buren County Road Commissions' local match for the resurfacing CR687 (Van Buren)

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community development

Broadband

At all levels of government, COVID showed us that we have a need for universal access to broadband internet. Consequently, in 2022, unprecedented levels of public funding began to emerge to solve for gaps in broadband. The SWMPC recognized the generational impact involved. We maintained a high level of engagement with partners at the local, state, and national level to insure that we remained a resource for local action. By remaining engaged, the SWMPC became aware of the opportunity to be the Broadband Navigator for the region with support from the Michigan Strategic Fund. A letter of intent was signed to that effect in October.

For southwest Michigan, broadband provision historically happened almost exclusively through the use of private infrastructure, by private providers. Suddenly, local and county governments were asked to influence local change in this ecosystem through this once-in-a-generation public assistance to fill broadband gaps. To help clarify this opportunity for our units of government, the SWMPC developed a broadband roadmap to assist them in their broadband journeys.

The SWMPC has taken steps to be a mapping resource for broadband infrastructure for the long-term. We added the most detailed household coverage maps available for two of our three counties (Van Buren and Berrien). Those maps have been instrumental in addressing inaccuracies in the data used by the Federal Communications Commission to determine whether households are considered served by broadband. Additionally, we have portions of our middle mile infrastructure mapped because of carefully constructed non-disclosure agreements with multiple infrastructure owners.





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Public Education Plan

Southwest Michigan Watershed Partnership

Several communities in southwest Michigan have come together to develop and implement a public education program about protecting water resources. The goal of the program is to increase awareness of the connection between individual actions and the health of the watershed and water resources and to motivate the public to take appropriate actions to protect water quality. All of southwest Michigan drains to Lake Michigan and all have similar water quality concerns, so a partnership approach to education and outreach enables the municipalities and the counties to maximize their resources to more effectively reach a larger audience than could be accomplished alone.

The Southwest Michigan Planning Commission is the lead agency that develops and implements the plan. SWMPC has a display and handouts that travel around to libraries, municipal buildings and events (see photo). SWMPC sends out media releases, maintains a Facebook page, co-hosts events and develops signage such as the one seen at the Meijer rain garden in Benton Harbor.

We are blessed to have such wonderful streams, rivers, ponds, lakes, wetlands and of course Lake Michigan in our region. It is imperative that everyone does their part to protect and improve them. For more information visit <u>www.LetsKeepltBlue.org</u> and follow us on Facebook <u>https://www.facebook.com/LetsKeepltBlue</u>.



Water Quality Display - Lincoln Township Public Library







WHAT IS A RAIN GARDEN?

A rain garden (Bioretention Basin) is a natural water filtration system. Bowl-like depressions are planted with deep-rooted native plants to temporarily **catch and hold stormwater runoff** that flows from parking lots and rooftops and let it **infiltrate into the ground**. This filters the water to **improve water quality** before it reaches nearby waterways.

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Pucker Street Dam Removal

A Free Flowing Dowagiac River

The City of Niles purchased a wooden dam that was built in the early 1800's and constructed a concrete dam structure in 1928. The Pucker Street dam once provided significant economic benefit to the community by providing electricity. As the impoundment built up with sediment causing the equipment to continuously fail, the dam became too costly for the City to operate. The dam had not produced power since 1995 and the dam was rated number one for removal in the St. Joseph River Watershed according to a study funded by the US Fish and Wildlife Service. The City of Niles worked with several partners to remove the dam and return the Dowagiac to a free flowing river and contribute to the overall goal of its restoration. The Dowagiac River is the largest cold water river system in southern lower Michigan and supports a diverse fishery.

SWMPC assisted the City in securing over \$2 million in grant funding for the dam removal and restoration of the Dowagiac River. The project took over 10 years to complete and involved 20 partners and 6 funders. The dam had disconnected 159 miles of river and stream and 11,000 acres of wetlands from the St. Joseph River. Those connections have now been restored along with the hydrology and habitat of a 2 mile section of river. During construction, 270,000 cubic yards of sediment (equal to 81 Olympic size pools) was removed. This project benefitted 37 native fish and 4 salmon species.

For more information visit: www.swmpc.org/puckerstdam.asp







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Southwest Michigan Water Trails

Did you know that we have 1,053 miles of rivers and streams and 55 miles of Lake Michigan shoreline in our 3 counties?

SWMPC has been instrumental in assisting communities with creating water trails on our region's rivers for canoeing and kayaking. The major water trails include the Lake Michigan Water Trail from New Buffalo to South Haven, Galien River Water Trail, St. Joseph River Water Trail, Dowagaic River Water Trail, Paw Paw River Water Trail and the Bangor to South Haven (Black River) Heritage Water Trail.





SWMPC's assistance has included:

- convening stakeholders,
- writing grants to improve access sites,
- providing letters of support for grants,
- creating maps,
- developing logos,
- developing and installing signage,
- helping to develop and maintain the Michigan Water Trails website,
- developing and maintaining Facebook pages,
- hiring contractors to clear pathways.

www.MichiganWaterTrails.org



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Community Planning

Every year SWMPC assists a few communities with developing or updating master plans and recreation plans. SWMPC staff brings together expertise in transportation, economic development, housing, environmental protection and social equity. This comprehensive understanding of local and regional issues provides SWMPC with a unique ability to understand and consider the larger regional context, facilitate meaningful stakeholder engagement, and leverage local and regional data, analyses and maps. This combination of assets helps us to plan in a coordinated, sustainable, and equitable manner.

After years of working with Buchanan City, recently, SWMPC facilitated and wrote the first joint recreation plan for Buchanan City and Buchanan Township. This collaboration has been growing and SWMPC continues to assist the Buchanan Community with the funding for the extension of the McCoy's Creek Trail to connect to the IN MI River Valley Trail.

SWMPC has been assisting Berrien Township with master planning and recreation planning for years. SWMPC completed the Berrien Township Master Plan update in 2022 and is currently completing their recreation plan.



GEO Software for Broadband

The SWMPC, in collaboration with the Berrien County Broadband Internet Taskforce, joined forces with GEO Partners to utilize their innovative tool, GEO map. Geo Map is an advanced online mapping tool designed to accurately predict the costs associated with broadband deployment in a specific area. By leveraging its mapping interface, users can dictate precisely the areas to be studied. With a focus on establishing a broadband network, the tool offers a wide range of customizable options to generate projections for household coverage, household costs and total network costs.

This tool proved invaluable in pinpointing and assessing the relative performance of specific geographic areas that were the primary targets for broadband grants and improvement initiatives. Its purpose was to offer a statistically sound measurement of overall performance within a given region, thereby identifying areas, cities and communities that required additional support to enhance broadband accessibility. By adopting a statistical approach, the focus shifted from individual PC or ISP performance to the broader statistical performance of the population within a region. As a result, several townships received assistance from SWMPC in determining the cost estimates necessary for delivering broadband services to their residents. These cost estimates played a pivotal role in the grant writing process.





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economic development

Regional Economic Resiliency Plan

As the COVID emergency began to show signs of receding, understanding the damage left in its wake rose in importance. The SWMPC was the recipient of funding through the US Department of Commerce, Economic Development Administration to study the economic impacts of COVID and develop a plan to mitigate them. The federal funds involved were from the Coronavirus Aid, Relief, and Economic Security Act (CARES Act). This ambitious project called for a unique approach that included a regional economic health check, an exploration of gaps in the sub-regional recovery efforts, and actions to build resiliency based on the best available economic modeling from the University of Michigan's Economic Growth Institute. Ultimately, resiliency actions were organized into four categories:

Restorative – Actions that represent the opportunity to being us back to pre-pandemic conditions,

Incremental - Actions that bring a modest improvement over pre-pandemic conditions,

Exponential – Actions with a significant improvement over pre-pandemic conditions,

Transformational – Actions that substantially reorient the region.

https://storymaps.arcgis.com/stories/a5c4dd1e5a904c6e814a66e558ed6f7d



The final Plan can be found in the form of a StoryMap to allow for an interactive user experience. <u>https://www.swmpc.org/downloads/economic_recovery_and_resiliency_plan_final.pdf</u>



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Infrastructure Asset Management

For those who have been long-time partners of the SWMPC, the concept of asset management is nothing new. We have been an essential partner in Michigan's Transportation Asset Management program since its inception two decades ago. The success of that effort has blossomed into an even more ambitious approach to infrastructure asset management that includes water, communications and energy. The state has begun the development of a 30-Year Integrated Asset Management Strategy and the SWMPC has been an invited participant throughout the process.

Included in the drive to more fully incorporate asset management across disciplines and infrastructure, the SWMPC has been a partner in facilitating the Asset Management Champions program. The intent is to establish a network of leaders to champion best asset management practices within southwest Michigan and across the state. 2022 saw the roster of Champions grow exponentially. The SWMPC had two Champions among our staff and actively recruited additional participants from across the region.





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2022 Comprehensive Economic Development Strategy

The SWMPC is designated as the Economic Development District (EDD) for Berrien, Cass, and Van Buren Counties by the US Department of Commerce, Economic Development Administration (EDA). The keystone of our EDD work is the Comprehensive Economic Development Strategy (CEDS). It helps provide clarity to the breadth of economic development activity across the region for the EDA and for ourselves. That is done through a healthy dose of research but most importantly, we draw in experts from across the region to help guide the planning process. In 2022, we added a significant component of high school student engagement to our outreach. Over 400 students participated in the discussion. With the combined help of the expertise of the CEDS Strategy Committee and our extensive public outreach, six goals were identified to improve economic conditions in the region. Those goals have been packaged along with a dense but accessible and interactive product called an online StoryMap, https://storymaps.arcgis.com/stories/1088d0f26689491cb3497ee19092192d. The StoryMap model has become an effective way for the SWMPC to migrate away from the traditional static product and into output that is more engaging in the way users are coming to expect.





Graham Woodhouse Award - Imagine Cass-Embrace the Vision

The SWMPC presented the 2022 Graham Woodhouse Intergovernmental Effort award at its Board meeting held on December 20, 2022, to the Imagine Cass-Embrace the Vision, Cassopolis Transformation Project. The award is presented annually for projects that exemplify cooperation between and among governments, non-profits and private entities. It was established to recognize and reward the partners who execute complex, regional problem solving that optimizes the use of limited resources. The partners involved were deemed deserving for their resourcefulness, dedication and persistence. The 2022 Graham Woodhouse award was given to project partners that included the Village of Cassopolis, Michigan State University Extension, Cassopolis Main Street, Midwest Energy & Communications, Michigan Economic Development Corporation, Community Economic Development Association of Michigan, Cass County and Cass County Economic Development Corporation.

"The Imagine Cass Project sought to transform our entire community, stop the perpetual decline and unite, for the first time in decades, under the core principles of community vision, collaboration, citizen-led change and the premise that if you invest in yourself, others will invest in you. It has been our goal of the project to create a community that our residents can be proud of," stated Emily LaGrow from the Village of Cassopolis. Major collaborative projects in small communities are challenging as public officials and resources are often stretched thin. In Cassopolis, community-wide collaboration between any two of the organizations involved in this project was challenging enough, let alone an ambitious partnership involving multiple organizations. In addition, as a small community it was historically difficult for the Village to have the required match funds needed to seek grant dollars. All these characteristics make the accomplishments of this project particularly noteworthy. With the strong partnerships and collaboration created, the Village was able to successfully navigate through massive change spurring significant outside economic development.

The Imagine Cass-Embrace the Vision, Cassopolis Transformation Project, is the quintessential multi-sectoral engagement of 21 identified partners and 25 separate funders that comprised of public, corporate, non-profit, and private sectors. This project involved the elimination of five blighted municipal buildings, the addition of murals throughout the community, 20,000 ft. of new roads including water mains and sewer mains, new playground areas designed by elementary school students, a new skate park, bike pump track, community events and numerous other improvements. The project also included the new Southwest MI Advanced Research & Technology (SMART) Park which continues to expand and create new job opportunities for the region.



2022 Annual Audit





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