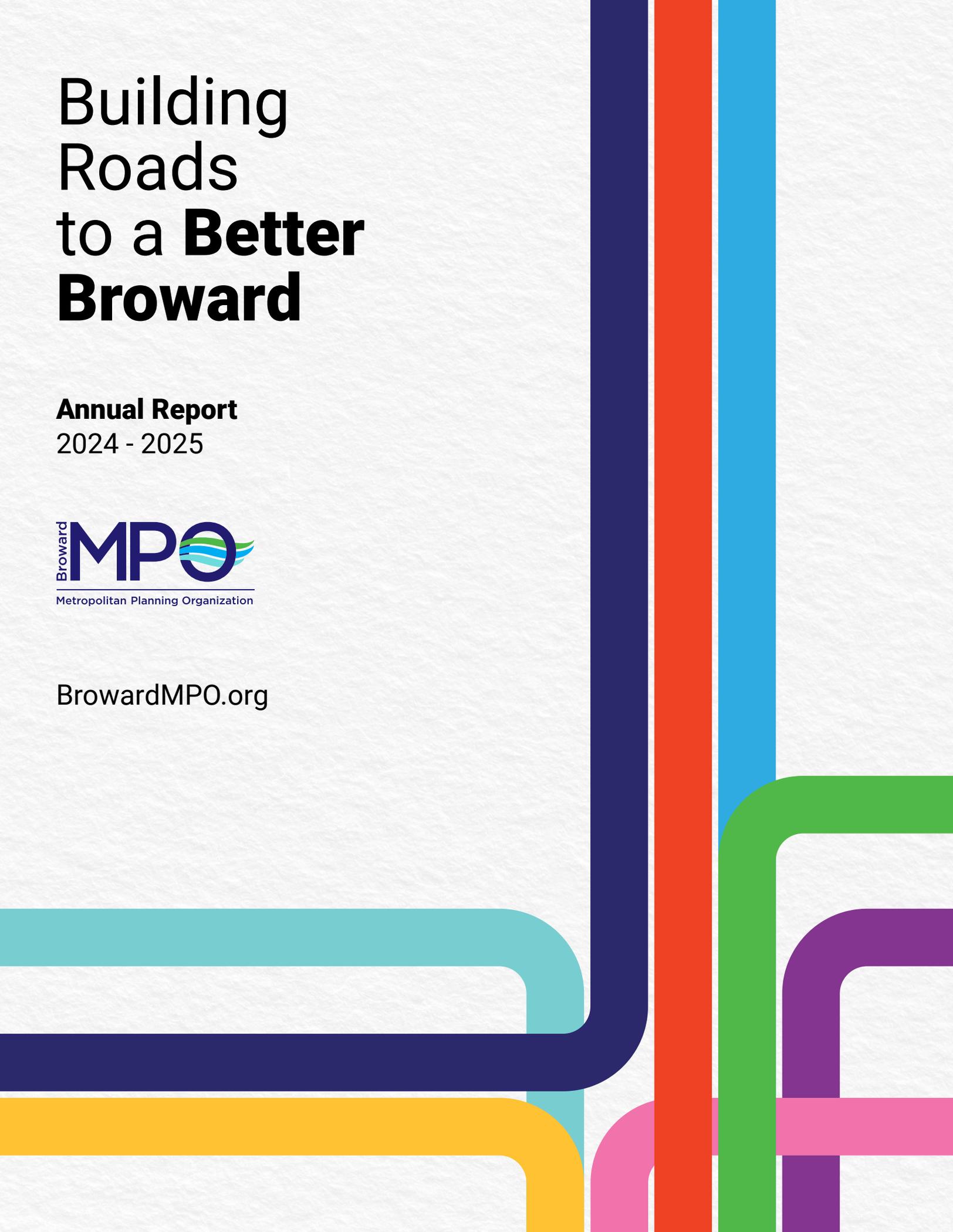


Building Roads to a **Better Broward**

Annual Report
2024 - 2025



BrowardMPO.org



Introduction

The Broward Metropolitan Planning Organization (MPO) is committed to building a transportation network that keeps people safe, supports economic growth, and improves quality of life across our region. While we continue to meet all federal requirements through our Core Products, we take pride in going further—pursuing competitive grant funding and spearheading projects and studies that improve safety, support local businesses, and strengthen our economy.

By aggressively pursuing competitive grant funding and investing in forward-thinking projects, we are helping families get where they need to go—safely and efficiently—while laying the groundwork for a stronger regional economy. The Broward MPO has successfully secured over \$42 million in federal grant funding to advance infrastructure across Broward County. These investments directly benefit our communities by improving roadway efficiency, enhancing safety, and connecting people to jobs, schools, and essential services.

A standout initiative this year is SMART METRO—an AI-powered digital twin that brings our region’s infrastructure to life in a dynamic, data-driven environment. By integrating real-time information into a single, interactive platform, SMART METRO allows us to simulate ideas, evaluate scenarios, and predict outcomes—empowering smarter, faster, and more effective decision-making.

This annual report highlights key projects and accomplishments that demonstrate how we are delivering tangible improvements for Broward residents. With a clear vision and a commitment to action, the Broward MPO is not just building better roads—but a better Broward.



Our Governing Board



Letter from Our Chair

Letter from Our Executive Director



Yvette Colbourne
Chair

Today, I would like to speak about a topic that touches all of our lives—transportation systems—and how effective leadership plays a vital role in shaping them for a better, more efficient future. Transportation is more than roads, rails, and runways. It is the lifeblood of our cities, our economies, and our daily lives. And in this rapidly changing world, leadership drives transformation, not just traffic. In my first year as Chair of the Broward MPO, I have embraced a clear focus on efficiency. That means reducing congestion, creating connections, and making the best use of data, technology, and resources. Efficient systems save time, cut costs, and improve safety. But efficiency does not happen by chance—it happens through smart planning, creativity, and decisive leadership.

None of this would be possible without the combined efforts of my peers on the Broward MPO Governing Board. Under the visionary leadership of Executive Director Gregory Stuart and the hard work of the MPO team, our organization continues to foster innovation and deliver impactful transportation solutions for Broward County. Transportation connects people, places, and industries, and solving its challenges requires collaboration across sectors, agencies, and communities. When cities share data, departments coordinate across boundaries, and communities have a voice in planning, everyone benefits. That is the essence of leadership: breaking down silos, building trust, and creating systems that serve people, not just vehicles.

Let us move forward not just with innovation in technology, but with innovation in leadership.



Gregory Stuart
Executive Director

As a career planner, one of the greatest challenges is trying to predict outcomes. Sophisticated models for traffic, demographics, water runoff, and almost every other variable have been developed to predict each impact, but they have never been combined to give the whole picture. Imagine how much better, how much more efficient we would be if we had a holistic picture.

This is no longer a fantasy. The MPO Board and staff have partnered with the private sector, combining experience and expertise to develop a “digital twin.” A digital twin is a dynamic, real-time virtual replica of a place. It uses information compiled from all of Broward to mirror our systems and infrastructure. This will change the way we plan, manage, and evolve our urban environments.

Instead of relying solely on predictions and projections, we can simulate different scenarios in the virtual world in real time. A “what-if” question can be answered in seconds, not weeks. This means better decisions, less waste, and smarter growth.

By analyzing real-time traffic flows and public transit usage, digital twins help us optimize routes, reduce congestion, and make commuting more efficient for everyone. A digital twin can help us plan for disasters and respond quicker.

Our cities will not just be built with concrete and steel, but with insight, foresight, and innovation.

Transforming Regional Planning

AI-Powered Digital Twin

Building a Smarter Future with AI-Driven Planning

Our region is facing significant challenges: extreme weather events, rising housing and transportation costs, and a rapidly growing population. Traditional planning methods, often constrained by fragmented and single-use data, are no longer sufficient to address these complexities. The need for smarter, faster, and more collaborative solutions has never been more pressing.

Through our Vision 2100 Plan, the Broward MPO began exploring how artificial intelligence (AI) could transform planning. That vision is now taking shape through SMART METRO, a \$2 million US Department of Transportation (USDOT) competitive grant under the Strengthening Mobility and Revolutionizing Transportation (SMART) initiative, which has enabled the creation of SMART METRO.



What is SMART METRO?

SMART METRO is an AI-powered digital twin designed to transform regional planning and investment. It integrates regional data into a single, interactive platform to test scenarios, analyze outcomes, and guide smarter investment.

Core Components

- Data Governance: A secure, centralized repository that enables seamless data sharing and access across regional agencies and stakeholders.
- Digital Twin: An interactive, AI-driven model that supports scenario planning, project simulation, and predictive analysis.

Key Benefits of SMART METRO

Enhanced Coordination:

Common standards for data enable better coordination and consistency across agencies.

Future-Ready:

Adaptability to future transportation needs, powered by intelligent modeling and AI.

Economic Development:

Strategic insights that enhance regional competitiveness and economic development.

Proof-of-Concept Use Cases

At the Broward MPO, we are utilizing two targeted use cases for the prototype:

Regional Investment Analysis (Macro Proof-of-Concept):

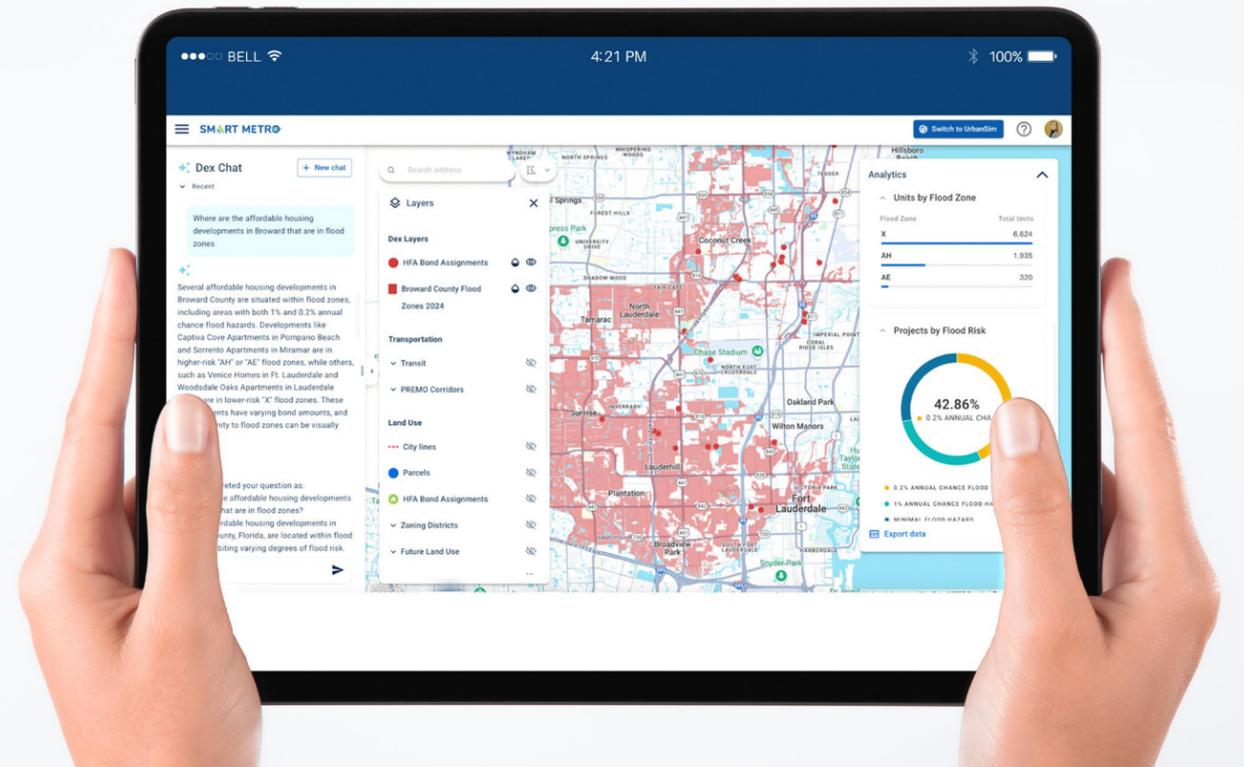
The MPO is evaluating how to best leverage investments in housing, infrastructure hardening, and transportation. SMART METRO will guide decisions on underutilized land, vulnerabilities to extreme weather, and ways to reduce housing and transportation costs for residents.

Historic Miramar Redevelopment (Micro Proof-of-Concept):

The City of Miramar is planning a higher density Innovation & Technology Village but is concerned about supplying adequate transportation infrastructure. SMART METRO will help assess transportation options, flood risks, and complementary land use changes to support community growth.

Shaping a Smarter Future

These use cases are just the beginning. With this innovative approach, we are not only improving how we plan, but we are also shaping a more efficient and smarter future. The success of this proof of concept will pave the way for additional USDOT grant funding to support expansion to other use cases and to scale across the nation. Together, we are building an adaptable and economically vibrant region, equipped to meet the challenges of today and tomorrow.



Planting Seeds

City of Lauderhill's Family-Focused Transportation Master Plan



Building upon its past success with the Transportation Master Plan (TMP) program, the Broward MPO launched a new collaboration with the City of Lauderhill in August 2024. Through this effort, the MPO's Community Planning team is providing technical assistance to identify community-driven, design-ready transportation projects across six priority roadways. These corridors are being evaluated for opportunities to incorporate speed management strategies, safety countermeasures, and an array of improvements that will improve connectivity for all users and align with national best practices.

This initiative reflects the MPO's commitment to supporting local partners in advancing a safer, more efficient transportation network—one that strengthens communities and enhances quality of life for all.

A Community Vision

To ensure the TMP reflects the values and priorities of Lauderhill residents, the planning process began by establishing a shared Vision—presented visually as a family tree. This symbolic framework emphasizes the City's strategic focus on families and community well-being.



Leaves

Represent the goal of designing transportation facilities that accommodate users of all ages, with a particular focus on safety improvements for all age groups.

Branches

Highlight the importance of strengthening Lauderhill's sense of community through enhancements that consider individuals with different physical capabilities.

Roots

Reflect the foundational values of safety and neighborhood livability, including the need for traffic calming, improved lighting, and safer crossings.

A data-driven analysis of transportation conditions was complemented by direct input from the community. In January, MPO staff facilitated three public meetings and launched an online survey to better understand resident priorities. One of the first questions asked was simple, yet powerful: "Where would you like to be able to walk or bike, and what improvements are needed to get there?"

That feedback, combined with technical data and the TMP Vision, helped guide the selection of six critical corridors in March 2025. These roadways span from city-owned neighborhood streets to state-owned arterial facilities—demonstrating the need for collaboration across all levels of government.

Next Steps

Preliminary solutions are now being explored for each of the six roadways. These concepts will be reviewed with roadway owners, City staff, and community members to ensure alignment with both technical feasibility and community aspirations.

Looking ahead, the MPO will begin working with the City of Hallandale Beach in the next phase of the TMP program. That effort is anticipated to be completed by June 2026.

Together with our municipal partners, we are building a safer, more connected Broward—one neighborhood at a time.



Preserving the Quiet Zone

Prioritizing Safety



The Florida East Coast (FEC) Railway is a vital shared-use corridor with freight and passenger rail and is an essential part of Broward’s regional economy. But when safety concerns arise—particularly at busy at-grade crossings in densely populated areas—protecting lives must come first.

In 2022, a rise in train-related fatalities forced Broward County to reevaluate its Quiet Zone along the FEC corridor. Established in 2019 to reduce train horn noise, the zone benefited nearby residents and businesses. However, the Federal Railroad Administration (FRA) raised red flags after documenting 34 crashes in one year—22 of them fatal.

The Broward MPO partnered with Broward County, local municipalities, law enforcement, and Brightline to develop a unified response to the FRA’s concerns. The solutions included key safety upgrades, including quad gates, hardened medians, enhanced public education, and stronger law enforcement presence.

To fund the improvements, the Broward MPO led a successful regional grant application to the FRA’s Railroad Crossing Elimination Program. The Broward MPO was awarded \$19.3 million to enhance 21 crossings over 20 miles. Broward County, and the cities of Hallandale Beach, Hollywood, Dania Beach, Fort Lauderdale, Wilton Manors, and Pompano Beach—committed \$3.86 million in matching funds. The FRA awarded the remaining \$15.44 million in June 2023.

The Broward MPO and Brightline developed preliminary engineering designs, fulfilled federal environmental requirements, and aligned grant documents with FRA requirements. The final design is expected to take ten months, followed by approximately 22 months of construction. These upgrades will improve safety for all and help preserve the Quiet Zone.

This effort is more than safety infrastructure—it is about collaboration, urgency, and shared responsibility. By uniting under a common goal, the Broward region proved that safety and quality of life don’t have to be at odds. With the right leadership and partnership, Broward can have both.

Transforming Mobility

Reimagining Fort Lauderdale’s Rail Crossings



Image is for illustrative purposes only. It does not accurately represent findings from the study.

The Broward MPO, in collaboration with the City of Fort Lauderdale, is taking a bold step toward transforming mobility with the Fort Lauderdale Roadway-Railroad Underpass Feasibility Study. This visionary project will explore the potential for five new roadway underpasses at key railroad crossings along the FEC corridor—Davie Boulevard, Broward Boulevard, Sistrunk Boulevard, Andrews Avenue, and Sunrise Boulevard. The goal of the study is to improve travel efficiency, enhance safety, and unlock new economic development opportunities. This effort is not just about traffic—it is about smarter movement of people and goods through a corridor vital to our region’s future.

Through robust data collection, community engagement, and in-depth pre-engineering analysis, this study will lay the foundation for a more connected and prosperous Fort Lauderdale. The project will assess future transportation needs, integrate infrastructure hardening strategies, and develop innovative solutions that align with regional growth. Through collaboration with stakeholders, community input, and cutting-edge planning, the Broward MPO and the City of Fort Lauderdale are setting the stage for a game-changing transformation—one that will not only ease congestion but also enhance the quality of life for families who travel this route in Broward, and support the City’s continued evolution as a hub of progress and innovation.

Planning Safer Roads for Broward

On April 10, 2025, the Broward MPO approved the Broward Safety Action Plan: Executive Plan. This approval enables local funding to implement safety improvements across the roadway network.

At the core of the plan is a bold, shared goal: eliminating serious injuries and fatalities on Broward roadways by 2050. Achieving this vision requires collaboration among federal, state, county, and local partners, as well as coordination with law enforcement, emergency responders, health professionals, and advocates.

The Broward MPO and Broward County Government secured one of the nation's largest safety planning awards—a \$5 million grant—to develop the Broward Regional Comprehensive Safety Action Plan (BSAP). These funds supported the creation of several key work products that now form the foundation for future safety improvements:

- Safety analysis identifying the High-Injury Network and High-Risk Network
- Prioritization of 11 corridor segments
- Corridor concept designs for the 11 corridors, including three State highways, three County roads, and five locally-owned roads
- Eight Safety Focus Plans to address specific safety issues:



School Zones/School Bus Stops



Technology



Rail



Neighborhoods



Lighting



Pedestrians/Bicycles



Midblock Crossings



Safe Speeds

The findings of the Focus Plans are available in the Executive Plan at SafeStreets4Broward.org.

One of the website's most powerful tools is the interactive Safety Dashboard, which allows users to view crash locations on a map of Broward County. The dashboard visualizes serious crashes using icons and allows filtering by city, year, crash type, time of day, and contributing factors.

CRASH ACCIDENT

Our safety commitment starts today by eliminating the phrase “car accident” from our vocabulary. This word choice implies that nothing could have been done to prevent a crash. By using the word “crash” not “accident,” we acknowledge a reason for that crash and demand solutions. By proactively asking why crashes are happening, we can work proactively to prioritize transportation safety.

Next steps involve securing funding and advancing the implementation of the plan's recommendations. Priority initiatives include safety improvements along the 11 priority corridors and targeted actions from the Focus Plans addressing lighting, safety near rail corridors, and schools zones. Many projects are slated for inclusion in the Route to 2050 Metropolitan Transportation Plan (MTP), pending formal approval by the Broward MPO Governing Board in February 2026. Additional projects will proceed through State, County, or local funding. Partners will also work to advance related programs and policy recommendations from the Focus Plans.

With the Executive Plan approved, the Broward MPO and its partners are poised to turn planning into action, moving closer to a future where every trip on our roads is a safe one.



Creating More Connected Communities

In 2023, the Broward MPO was selected for the USDOT's Thriving Communities Program—a technical assistance initiative designed to support more community-centered transportation and land use planning.

Through the program, the Broward MPO formed a strategic partnership with local stakeholders and a Capacity Building Team that included WSP, Accelerator for America, and MCHP COLAB. Together, we studied the unique challenges and opportunities for Transit-Oriented Development (TOD) in a key corridor stretching from ½ mile east of I-95 to ½ mile west of the Florida Turnpike (SR 91), running the full north-south length of Broward County.

To engage the broader community and municipal partners, the team hosted two in-person events—in Lauderhill (October 2024) and Oakland Park (April 2025)—as well as an online workshop in June 2024. These sessions provided a platform to share findings and gather feedback from municipalities across the county.

Building on this collaborative process, the team developed the Connected Communities Vision Kit. This practical toolkit helps municipalities harness land use, zoning, and planning strategies to catalyze long-term success. A key message of the Vision Kit is that the success of Connected Communities hinges on first establishing the right development. By focusing growth in targeted areas, communities can attract businesses, foster vibrant economic hubs, and lay the groundwork for future transportation investments that amplify these benefits.



Engaging the Public

Route to 2050 MTP Summit
at the Museum of Discovery and Science (MODS)



The Broward MPO's MTP Summit, held on September 12, 2024, was nothing short of a resounding success, drawing in more than **300 attendees** from various sectors across South Florida. The summit, themed "A Journey of Innovation, Community, and Mobility," provided an unparalleled platform for dialogue and collaboration on the future of transportation in the region.

The event featured keynote speakers Laura Chace, President and CEO of ITS America, and Jamie Christian, Federal Highway Administration (FHWA) Division Administrator for Florida, Puerto Rico and the U.S. Virgin Islands. Both speakers delivered insightful presentations that underscored the critical importance of innovative transportation solutions and their role in enhancing community life and mobility.

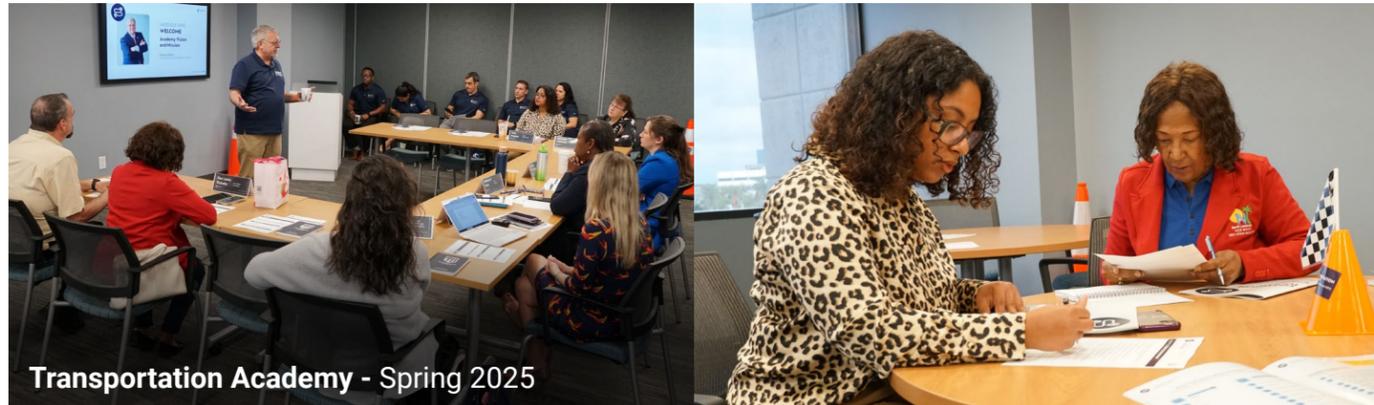
Participants left the Summit with a renewed sense of purpose and a clearer understanding of the pivotal role that innovative transportation systems can play in enhancing a community's quality of life. The Summit's message also reinforced the importance of continued collaboration and innovation in shaping the transportation landscape of South Florida.



Engaging the Public

The Broward MPO strives to amplify community voices in transportation planning through targeted public involvement efforts and strategic partnerships. By engaging communities across Broward County, the MPO ensures that transportation projects align with the needs and aspirations of the people they serve.

This year, the Broward MPO demonstrated its commitment to public involvement through robust outreach efforts across the county, including:



Core Products

Shaping Broward’s Transportation Priorities

| Core Products | |
|-----------------------------------------------------------------|----------------------------------------------------------------------|
| Internal Operations | Project Programming |
| UPWP Unified Planning Work Program (Agency Budget Guide) | MTP Metropolitan Transportation Plan (Project Identification) |
| SBP Strategic Business Plan (Agency Operations Guide) | LOPP List of Priority Projects (Project Prioritization) |
| PPP Public Participation Plan (Agency Outreach Guide) | TIP Transportation Improvement Program (Project Funding) |

The Broward MPO’s Core Products guide transportation planning, funding, and implementation for the Broward County region. These essential tools are the foundation of our work and are key to achieving our Board’s mission to move people and freight, create jobs, and strengthen communities.

The four federally required Core Products—Metropolitan Transportation Plan (MTP), Transportation Improvement Program (TIP), Unified Planning Work Program (UPWP), and Public Participation Plan (PPP)—work together to deliver transformative transportation projects that meet the needs of communities across Broward. The most recently adopted 2050 MTP establishes long-term capital investment projects for the region. The TIP allocates funding for the next five-year period consistent with the long-term goals of the MTP. The UPWP outlines short-term planning and budgeting and acts as the Broward MPO’s budget. The PPP ensures public input is integrated throughout all the Broward MPO’s processes. Together, these documents create a coordinated framework for effective transportation planning, capital funding, and robust community engagement.

In addition to these federal requirements, the Broward MPO develops other critical documents consistent with state requirements. The List of Priority Projects (LOPP) is updated annually to bridge the gap between the MTP’s “cost feasible” but unfunded projects and the TIP, which prioritizes projects for available federal and state funding. The Strategic Business Plan (SBP), shaped by the MPO, defines the agency’s direction over the next five years and addresses the challenges posed by a dynamic economic and technological environment. The Broward MPO’s Core Products and additional strategic documents play a vital role in shaping the future of transportation in Broward County. By aligning federal and state requirements, the MPO ensures effective planning and funding to meet the region’s evolving transportation needs.

Funding for MTP Programs

Draft FY 2025-2029 TIP



| Program | Number of Projects | Funding |
|----------------------------------------------------------------------------------------------------------------|--------------------|------------------------|
|  Technology | 19 | \$82,989,956 |
|  Roads for Families | 41 | \$116,355,217 |
|  Safety | 13 | \$33,244,285 |
|  Highways & Freight | 99 | \$2,922,967,353 |
|  Economic Development | 13 | \$357,603,921 |
|  Infrastructure Hardening | 5 | \$750,000 |
| Total | 190 | \$3,513,910,732 |

Our Mission

To collaboratively plan, prioritize, and fund the delivery of transportation projects.

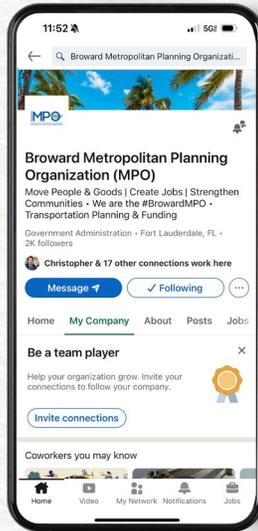
Our Vision

Our work will have measurable positive impact by ensuring transportation projects are well selected, funded, and delivered.

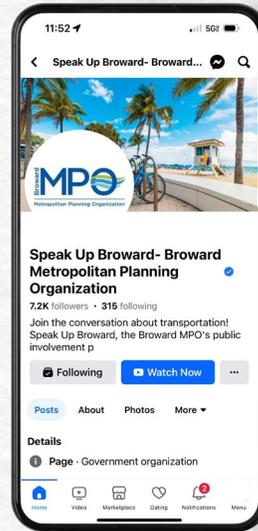
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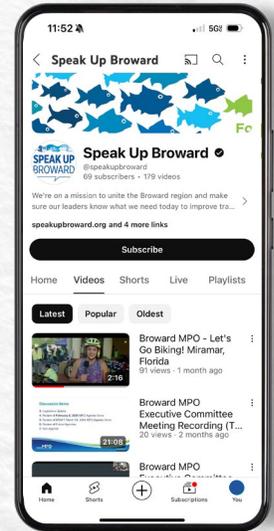
SpeakUpBroward



Broward Metropolitan Planning Organization (MPO)



Speak Up Broward - Broward Metropolitan Planning Organization



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