



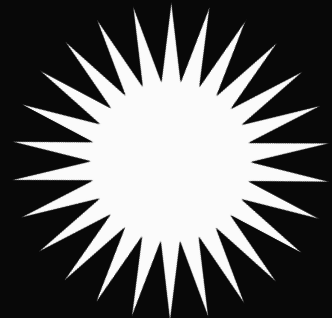
OFFICE OF MAJOR

PROJECTS

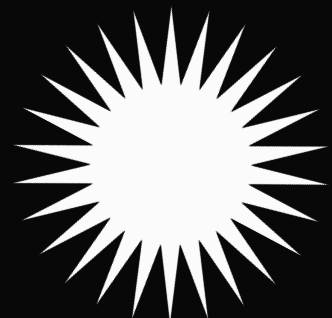
2024 MITA ANNUAL CONFERENCE



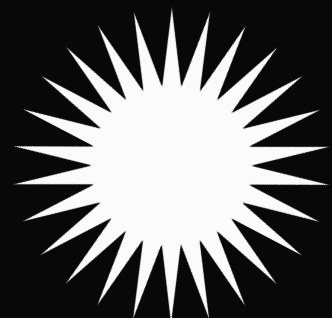
Ryan Mitchell, DBIA, PMP



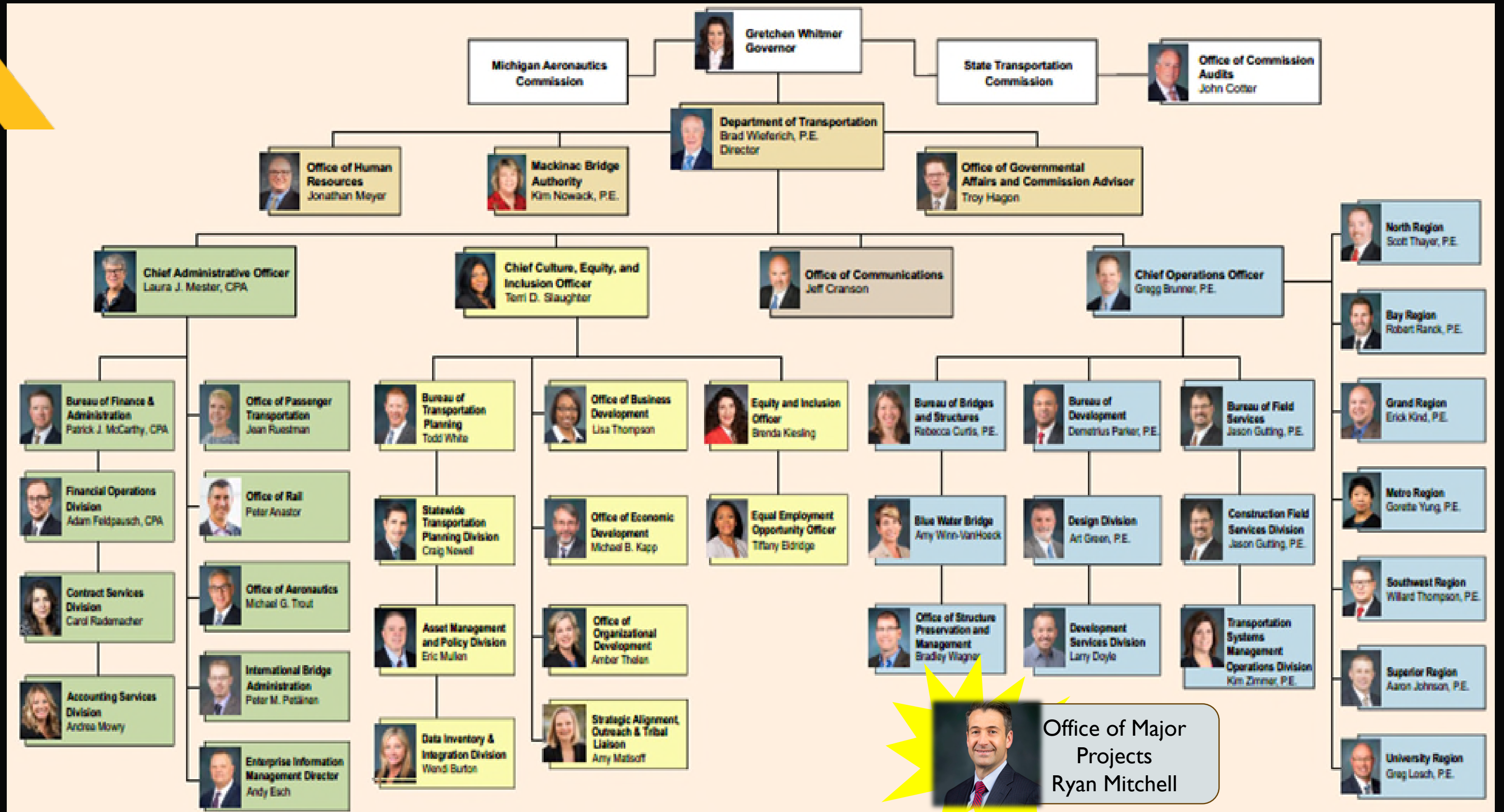
Michigan Department of Transportation



Administrator, Office of Major Projects

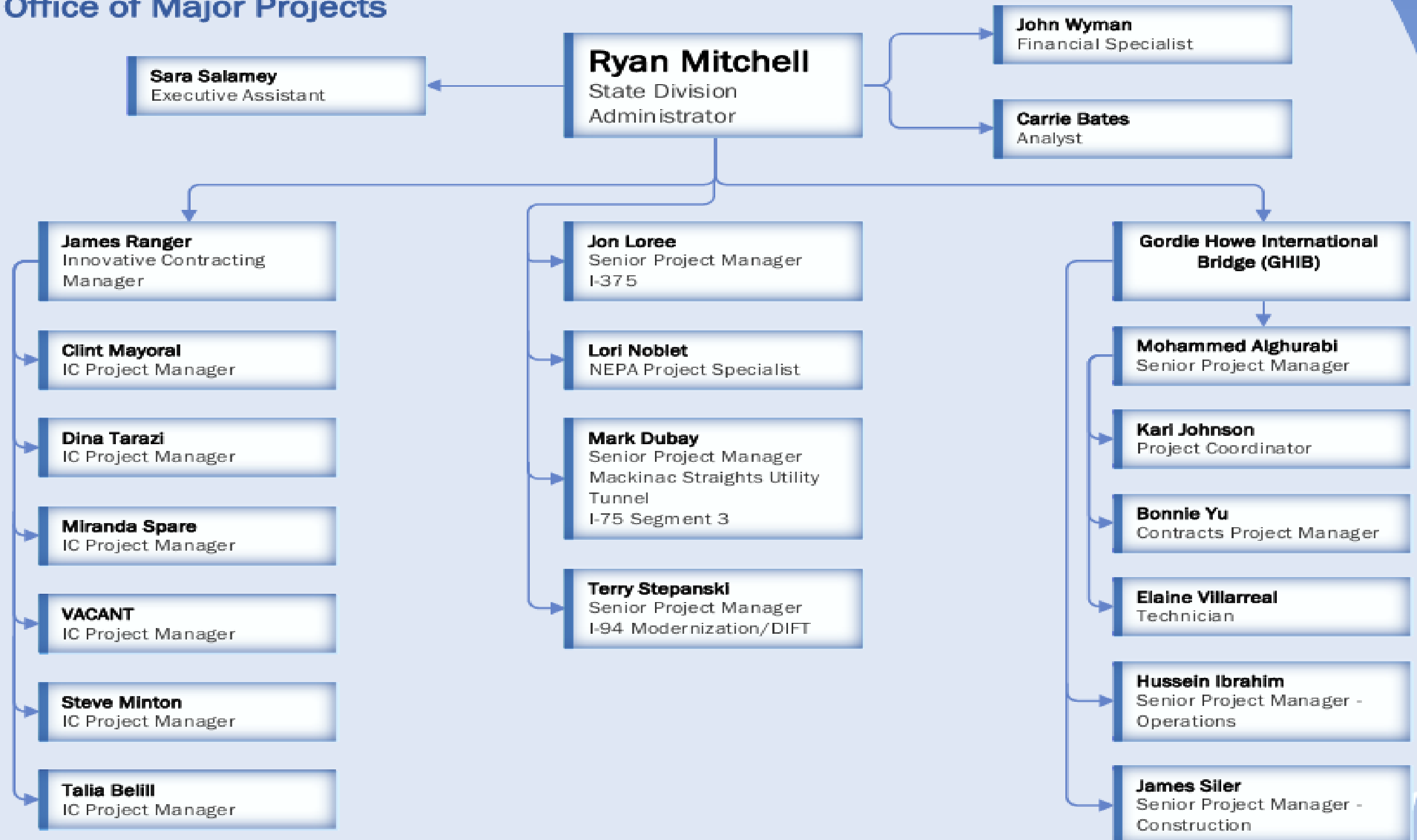


Bureau of Development

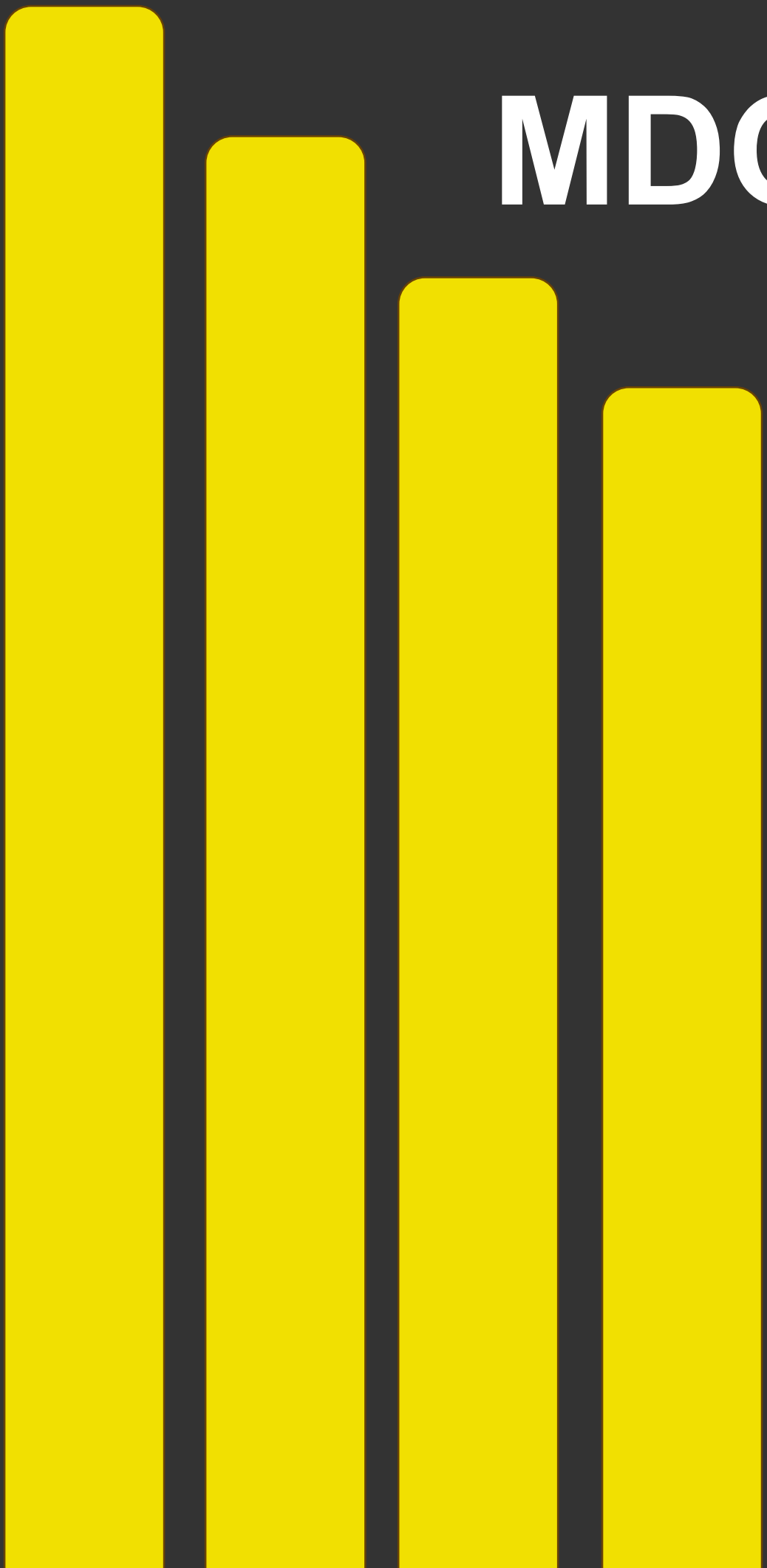


Office of Major Projects

MDOT - Bureau of Development Office of Major Projects



MDOT Office of Major Projects

A large, black, rounded rectangular graphic with a central vertical slot. It contains several text elements in white and yellow. The text includes: "\$500 Million+", "Successful Major Project", "Urgent Complex", "High Visibility", "High Priority Mega Project", and "Challenges".

\$500 Million+

Successful Major Project

Urgent Complex

High Visibility

High Priority Mega Project

Challenges

PROJECT DESCRIPTION	
REPORTING PERIOD	October 2023
PROJECT SCOPE	Development and implementation of transportation improvements necessary for site preparation of the Marshall Megasite in association with Ford Motor Company's recently announced 2.5 million square foot electric vehicle battery manufacturing facility in Marshall. The project funds will be passed through the Marshall Area Economic Development Alliance (MAEDA) to the state. No federal funding is anticipated as part of the project.
PROGRAMMED CONSTRUCTION COST	ANTICIPATED PREQUALIFICATION*
JN - 217737, 218872, 219004, 219007 CS - 13062, 13016, 13042, 13073, 13074, 13082, 13161	Primary is TBD; Subclassifications of Ea, B, Cb, Fa
ANTICIPATED SCHEDULE	ANTICIPATED PRIMARY PROFESSIONAL SERVICES*
Issue Request for Proposers (RFP)	October 2023
Technical and Price Proposals Due	December 2023
Notification of Best-Value Selection	January 2023
Contract Award	February 2024
Begin Preconstruction	February 2024
Begin Construction	August 2024
	ANTICIPATED SECONDARY PROFESSIONAL SERVICE PREQUALIFICATION*
	Design - Bridges; Complex, Design - Roadway; Complex
	Design - Geotechnical; Advanced, Design - Hydraulics 2, Design - Project Development Studies, Design - Traffic; Capacity & Geomatics Analysis, Design - Traffic; Pavement Markings, Design - Traffic; Safety Studies, Design - Traffic; Signals, Design - Traffic;

DESIGN-BUILD GUIDELINES

3rd Edition

December 2022

RISK ASSESSMENT CHECKLIST

Assessment Ratings	Risk Impact	Assessment Criteria
1	Low	Criterion is on schedule to complete on or before the
2	Medium-Low	Criterion has passed the preferred milestone date but not the acceptable milestone, or the finish date has been extended once.
3	Medium	Criterion has extended the finish date two times.
4	Medium-High	Criterion has extended the finish date three times.
5	High	Criterion has missed both preferred and alternate milestones four or more times.

Project Name:		
Project Readiness Criteria	Current Status	Begin Date
1 Environmental Status	•	
Summary:		
2 Schematic Development	•	
Summary:		
3 Right-of-Way (% of Parcels Acquired)	•	
Summary:		
4 Utility Investigations (SUE)	•	
Percent Complete:		
Summary:		
5 Geotechnical Investigations (% Complete)	•	
Summary:		
6 Risk Assessment	•	
Summary:		
7 Funding Status	•	
Summary:		
8 Additional Comments on Project Readiness That Could Affect Procurement Schedule		
Summary:		
Notes:		
Actual or anticipated completion date		

▶ MDOT Office of Major Projects



OMP will address the challenges of delivering large, complex projects – equitably, efficiently, and consistently

MDOT Office of Major Projects



Proposed Solutions

Clearly documented standard processes, procedures, and templates for:

Project goalsetting and prioritization

Initial project scope definition, budget and schedule estimation, preliminary risk identification

Project delivery model selection

All large, complex projects should be evaluated to determine the appropriate delivery model to achieve goals and minimize risks

Project resource needs assessment, allocation and management

MDOT Office of Major Projects (cont.)



Proposed Solutions

Clearly documented standard processes, procedures, and templates for:

FHWA Major Projects Cost and Schedule Risk Assessment (CSRA) compliant

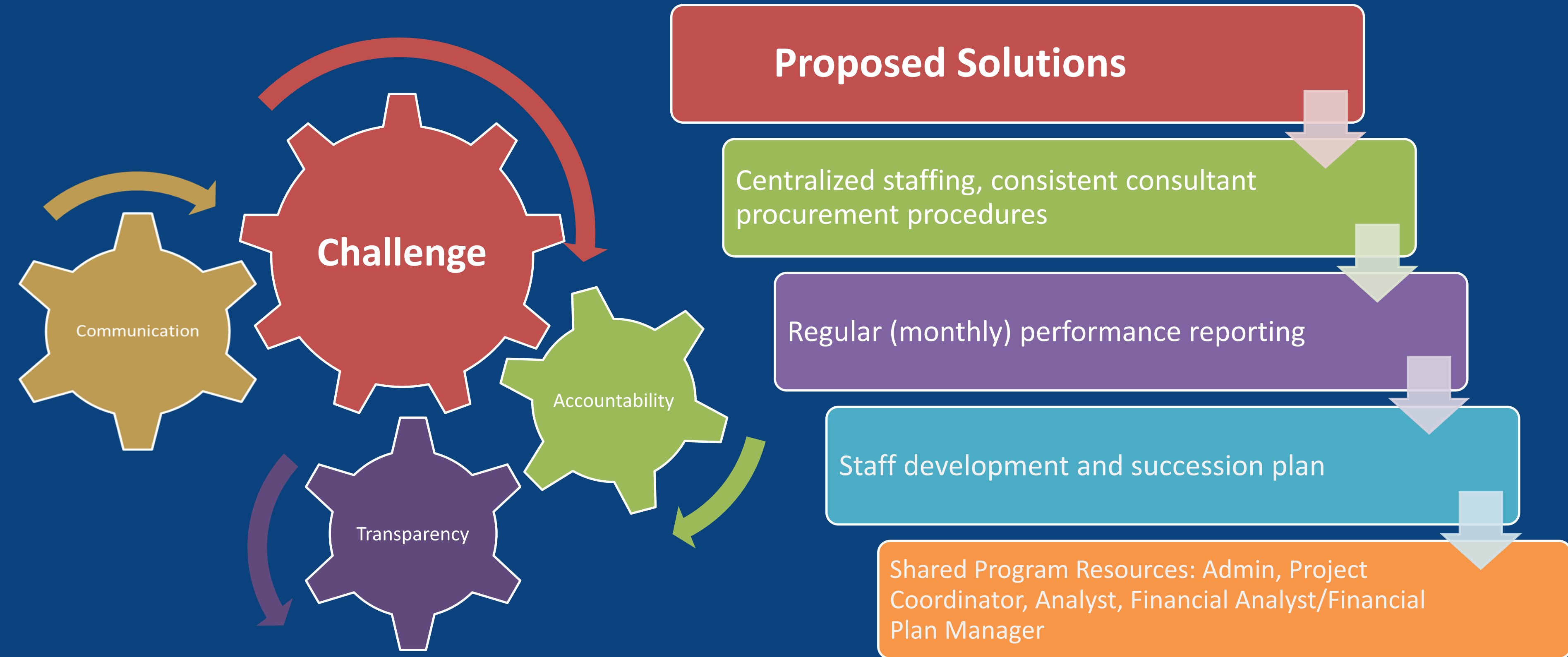
Engineers' estimate and pre-letting pro-forma cost estimate

Accurate contract time determination schedule

Detailed risk analysis

Secure, cloud-based document management and control via MS SharePoint/Teams

MDOT Office of Major Projects



NEXT STEPS



Backfill open
and new
positions



Develop
procedures,
guidance
documents,
templates, and
tools for core
project and
program
functions



Deliver
equitable,
efficient and
innovative
projects for the
public benefit

Upcoming OMP/IC Updates & Opportunities

The screenshot shows the Michigan Department of Transportation website. The browser address bar displays michigan.gov/mdot/business/contractors/innovativecontracting. The page header includes the Michigan Department of Transportation logo and a navigation menu with links for Travel, Projects & Studies, Programs, News & Outreach, Business, and Careers. The main heading is "Innovative Contracting". Below this, a breadcrumb trail reads: Home > Business > Contractors > Innovative Contracting. The introductory text states: "Innovative construction contracting methods are typically utilized to address specific objectives that conventional contracting methods cannot, such as minimizing motor time to project completion. This section provides Information on upcoming and current design/build projects." Contact information for Ryan Mitchell, Manager, is provided: 517-614-7025. At the bottom, there are links for "Project Information", "Sign up for Innovative Contracting Updates", and "Potential Innovative Contracting Project List".

Marshall (PDB)

I-375 (PDB)

Pump Station
Permanent Standby
Generators - Phase
II (DB)

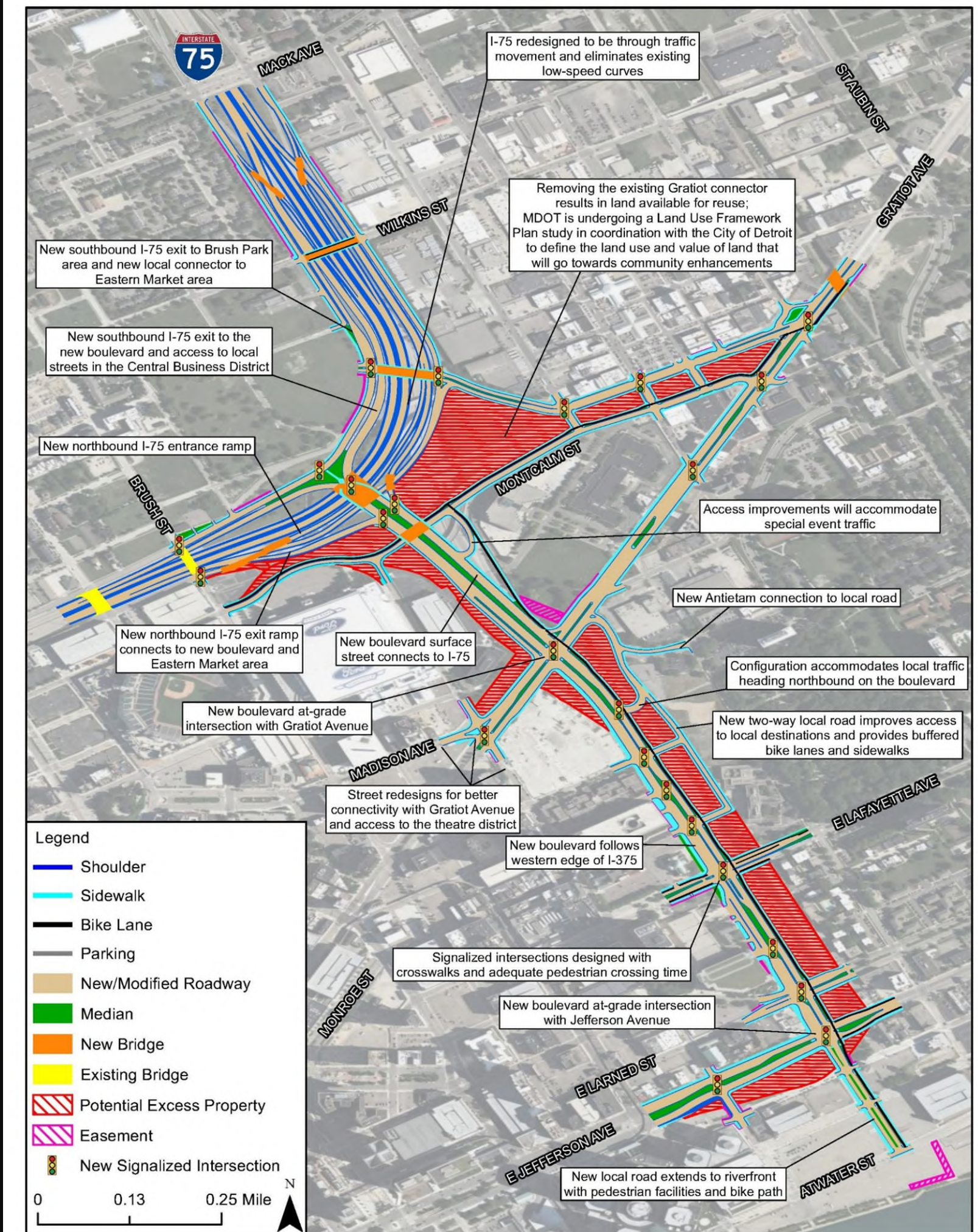
National Electric
Vehicle
Infrastructure (NEVI)
– Round 2 (DBOM)

Blue Water Bridge,
St. Clair County
(Best Value DB)

I-94 Modernization
(DBB)

I-375 Blvd Reconstruction Project

- Procurement documents development started for the progressive design-build with first draft received 12/28 and page by page turn review scheduled for 1/23.
- Stakeholder engagement continues, key concerns being boulevard width and construction impacts to local business.
- DWSD suggesting MDOT drainage meet the DWSD stormwater ordinance requirements, which are for land development, would increase costs significantly, set a troubling precedent for road construction.
- Preparing with City and community to kick-off framework plan with the neighborhood meetings in the New Year. Framework will largely be City led and include land use plans (by separate City consultant), restorative justice agenda, and identifying community enhancements.





I-94 Corridor Project

- MDOT is developing construction plans for the eastern section of the I-94 Mega Project from Barrett Ave westerly to Burns St. Due to budget constraints, the I-94 Team is seeking approval to build this section of the project as a three-lane section and add the fourth lane in the future together with subsequent sections of the project, as funding becomes available.
- The current schedule has been modified to allow time to design and construct a drainage tunnel for the Burns to Barrett section.
- The schedule is currently under review with the Plan Completion Date expected to be in mid, 2025 with a late fall 2025 letting and 2026 construction.

Gordie Howe International Bridge Project



- The Gordie Howe International Bridge project team is able to confirm a new completion and opening timeline. Construction completion is planned for September 2025, with the first vehicles expected to travel across the bridge that fall.
- 2023 was the busiest construction year to date for the GHIB project. Highlights of the year include:
 - Over 10,000 individuals have been oriented to work on the project since construction start in 2018, with site staff having amassed over 10 million hours of work across all four project components.
 - To date, the team has installed over 130 of 216 stay cables.
 - Over 50 per cent of the span over is now in place.
 - The two iconic bridge towers, one in Canada and one in the US, reached their full heights of 220 meters/722 feet.
- Significant progress on the construction of both the US and Canadian Ports of Entry and Michigan Interchange component. All four road bridges completed over the I-75 earlier in 2023 and construction of five pedestrian bridges, as well as local road improvements, continue.

PROJECTS

- Blue Water Bridge Plaza Reconstruction – Component 2
- Blue Water Bridge Rehabilitation
- CAVNUE
- Detroit Intermodal Freight Terminal
- Detroit New Center Intermodal Facility
- GLC Railroad over Muskegon River
- Gordie Howe International Bridge
- Great Lakes Tunnel Project
- I-75 over Rouge River
- I-94 Calhoun
- I-94 Corridor
- I-375 Reconnecting Communities Project
- I-496
- M-39 Ramps K & L over I-94 Bridge Rehabilitation
- Manistee River Bridge Replacement Phase II
- Marshall Modernization
- Mound Rd
- NEVI Round 1
- North Upper Bridges
- Pump Station Permanent Standby Generators Phase II Contract 1
- Pump Station Permanent Standby Generators Phase II Contract 2
- Pump Station Permanent Standby Generators Phase II Contract 3
- St. Joseph M-63/94BL
- US-31 Bascule Bridge Rehab
- US-131 Byron Township, Kent County

Questions?





THANK YOU

