

US-12 Michigan Avenue Project Community Meeting

I-96 to Campus Martius Park

April 16, 2025



TAKE PART
Opportunity Rising



Credit: Christine Ferretti

Agenda



**Hear from both City
and MDOT staff**



**Hear about feedback
to date, design
updates, and next
steps**



**Question and
Answer**

What Is The Project?



— City of Detroit Segment - Cass Ave. to Woodward Ave.

— MDOT Segment - I-96 to Cass Ave.

PEL study conducted from 2019 to 2022 that established the project's purpose and need statement:

“To create a corridor that promotes safe and equitable access to all forms of mobility and emerging technology along Michigan Avenue, while preserving the area's unique character.”

Summary of Feedback: City Segment

- Extend bike lanes E. of Cass and separate them physically from traffic
- Make it easier and safer for people to walk along and across Michigan Avenue
- Maintain valet parking areas and provide flexibility for busy event days, weekends, etc.
- Accommodate heavy bus activity between Washington/Cass and accessing the Rosa Parks Transit Center
- Accommodate emergency response vehicles throughout segment
- Consider special event traffic and AM/PM rush hours

Meetings to date:

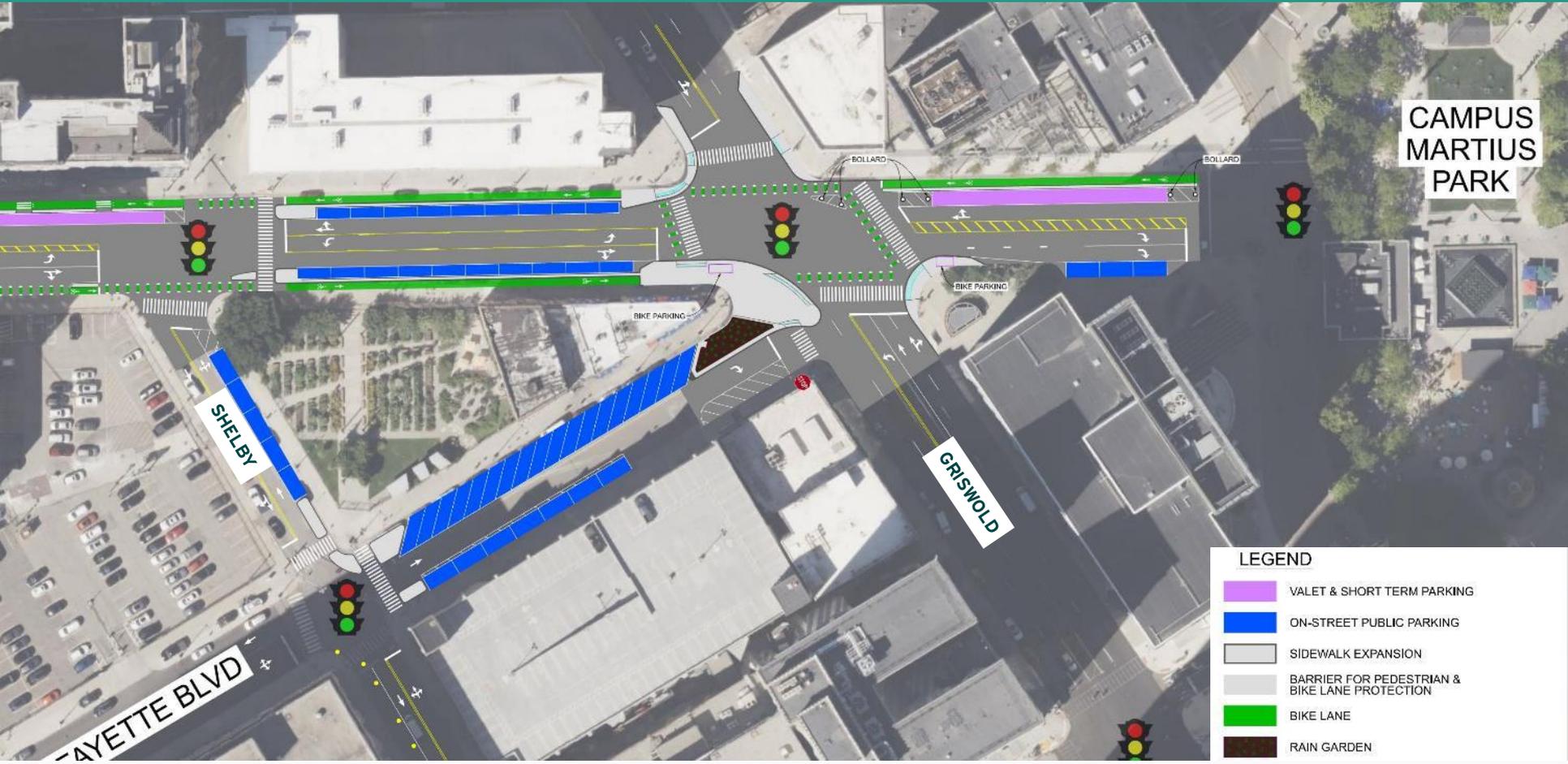
SEP 2024 Community Meeting

NOV 2024 Stakeholder Meeting

DEC 2024 Community Meeting

MAR 2025 Stakeholder Meeting

Preferred Alternative: City Segment



CAMPUS
MARTIUS
PARK

SHELBY

GRISWOLD

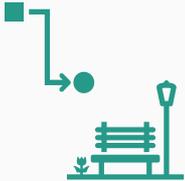
FAYETTE BLVD

LEGEND

- VALET & SHORT TERM PARKING
- ON-STREET PUBLIC PARKING
- SIDEWALK EXPANSION
- BARRIER FOR PEDESTRIAN & BIKE LANE PROTECTION
- BIKE LANE
- RAIN GARDEN

Project Goals: City Segment

This Alternative Attempts to...

- Improve safety for all modes 
- Avoid impacts to parking, deliveries, valet, and access 
- Create spaces for landscaping, amenities, and beautification
- Prioritize safe and effective avenues for emergency vehicles 
- Create a smooth transition from the MDOT segment 

Next Steps: City Segment

	2024									2025												2026
	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
Data Collection	█	█	█	█	█																	
Design Concept Development			█	█	█	█	█	█														
Final Design									█	█	█	█	█	█	█	█	█	█	█	█	█	
Stakeholder Engagement					█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Construction																					█	

Letting

Next 90 Days

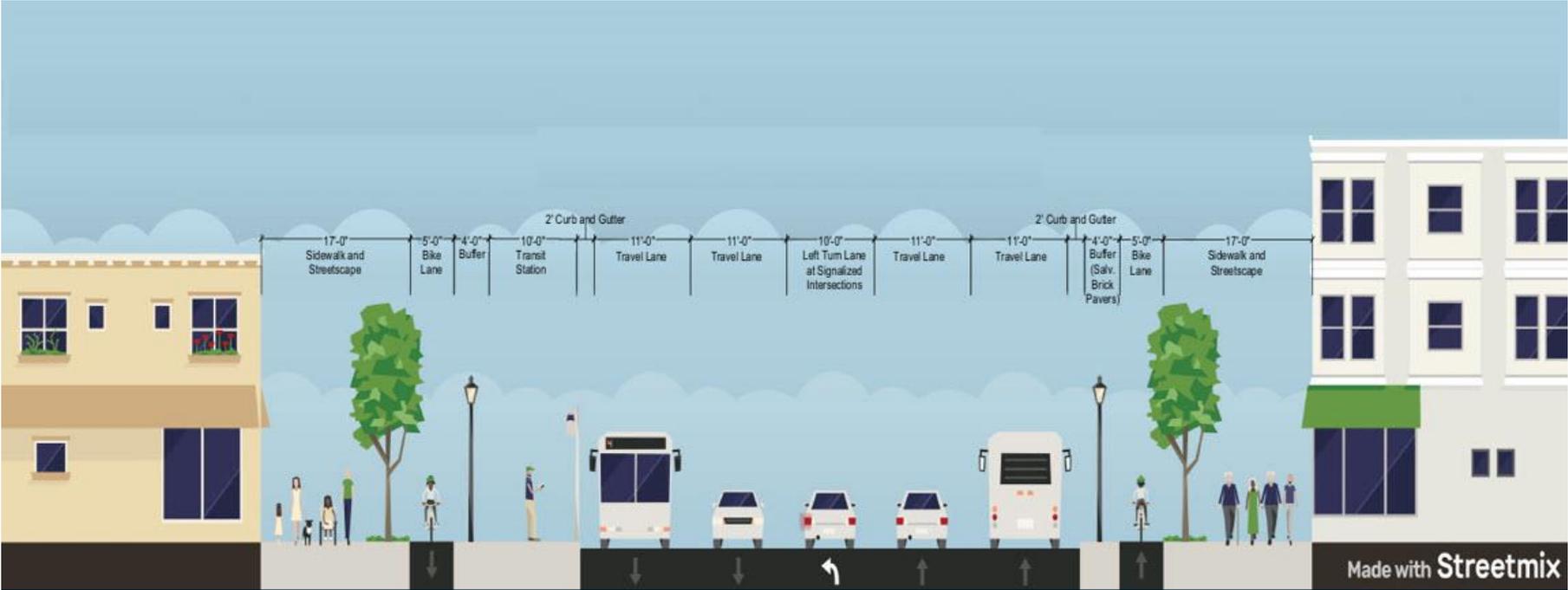
- Stakeholder engagement
- Coordination with MDOT on joint design/construction
- Continue final design development

DWSD Construction

- Work beginning in August 2025
- Work includes water main replacement at locations along Michigan Avenue and Fort Street

Michigan Avenue Innovation Corridor

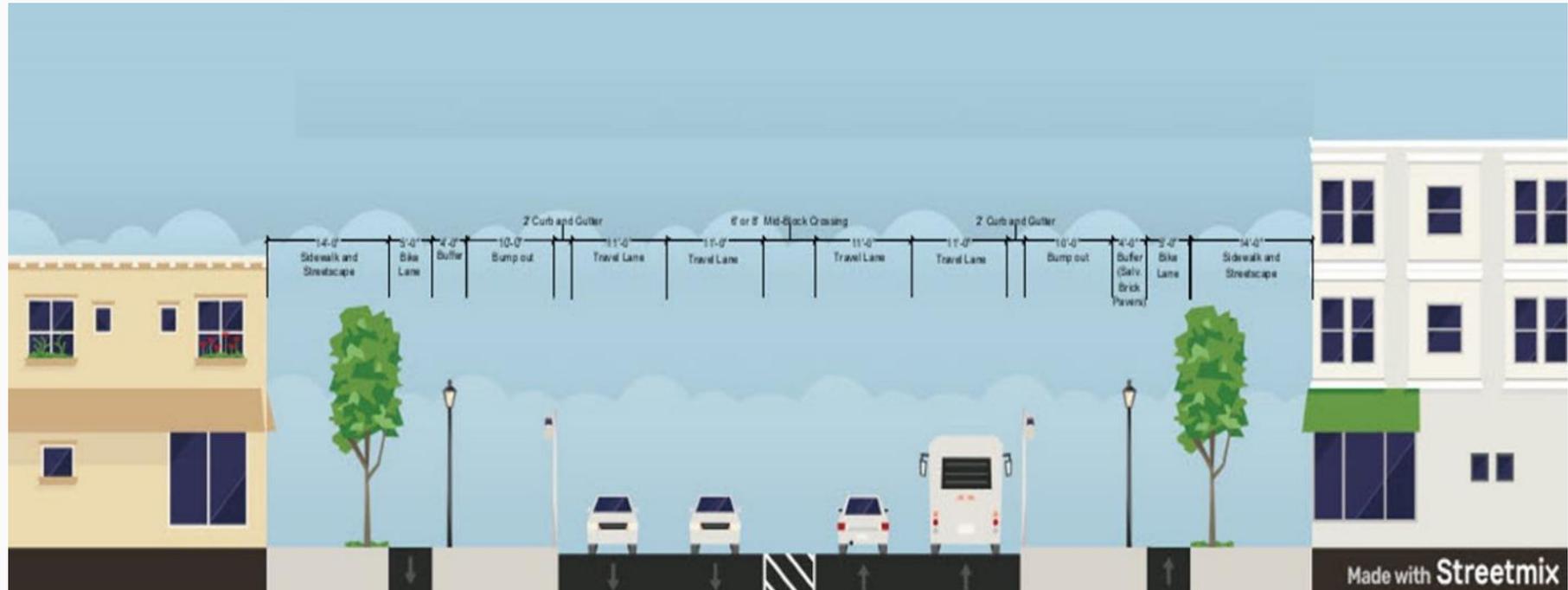
Selected Road Section at an Intersection



Made with **Streetmix**

Michigan Avenue Innovation Corridor

Selected Road Section at a Mid-Block Crossing



Made with **Streetmix**

Michigan Avenue Innovation Corridor



**Vulnerable
Road User
Safety**



**Vehicle
Safety**



**Accessibility,
Community
and Equity**



**Economic
Vitality**

Michigan Avenue Innovation Corridor

Activities Overview

Several categories of user needs were identified early on:

- Commercial Needs
- Transit Operations Needs
- Signal Operations Needs
- Vulnerable Road User Needs
- Community, Equity, and Outreach Needs
- Complete Journey Experience Needs
- Parking Needs
- Electrification Needs

Stakeholder task forces were formed for each of these needs categories, focusing on solution recommendations that aligned with constituent priorities.

Michigan Avenue Innovation Corridor

Proposed Solutions



Traveler
Information



V2X



Electrification



Zoning



Signal
Optimization



App Data
Integratio
n



VRU
Protections



Microfreight



AVs

Michigan Avenue Innovation Corridor

Solution Highlights

- Deployment of V2X Solutions - Identified as a family of ITS solutions with broad applicability and high potential across commercial, transit, signals, and VRU safety use cases.
- Pedestrian / VRU Protection Solutions - Highlighted for possible ripple effects, as any positive improvement to VRU safety will also benefit large vehicles with large blind spots like commercial and transit vehicles as well as overall community safety.
- Creative Solutions to Parking - Creation/repurposing of off-street parking for public use was proposed by several task forces.

Michigan Avenue Innovation Corridor

Solution Timeline

Short-Term Solutions (within project)

- Vulnerable Road User safety alerting and near-miss detection solutions
- Signal Optimization technologies to improve safety and efficiency
- Logistical Zoning solutions to solve parking demand and congestion from commercial vehicle loading/unloading
- Integration of Detroit Parking App to include new Michigan Avenue parking areas and improve travel route recommendations
- Installation of EV charging solutions in parking spaces and roadway
- V2X applications for both safety alerts and fleet use cases

Michigan Avenue Innovation Corridor

Solution Timeline

Long-Term Solutions (beyond project)

- Deployment of automated vehicle fleets
- Deployment of microfreight delivery solutions
- Integration of data from other apps and sources to enhance the traveler information sharing experience
- Expanded use cases for V2X applications

Foundational requirements for both short-term and long-term solutions will be identified so that today's Michigan Avenue project can lay the foundation for more futuristic solutions.

Michigan Avenue Innovation Corridor

Bike Lane Color Alternatives



Michigan Avenue Innovation Corridor

Mid-Block Pedestrian Signal Alternatives



High-Intensity Activated
Crosswalk (HAWK)



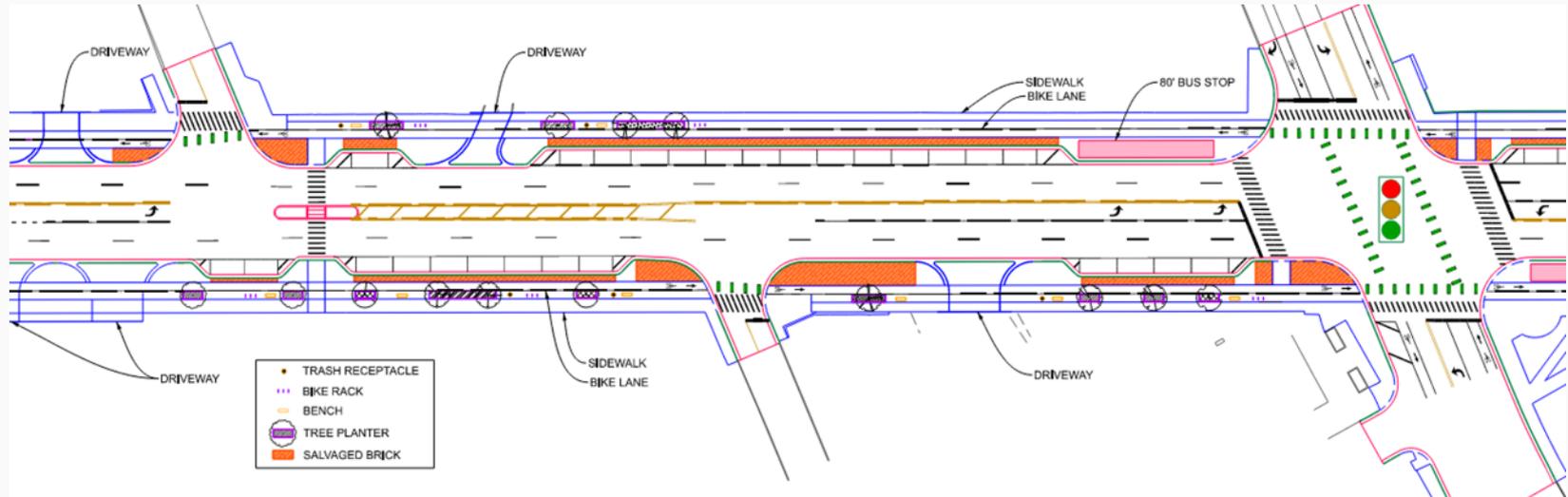
Traditional Signal



Rectangular Rapid Flashing
Beacon (RRFB)

Michigan Avenue Innovation Corridor

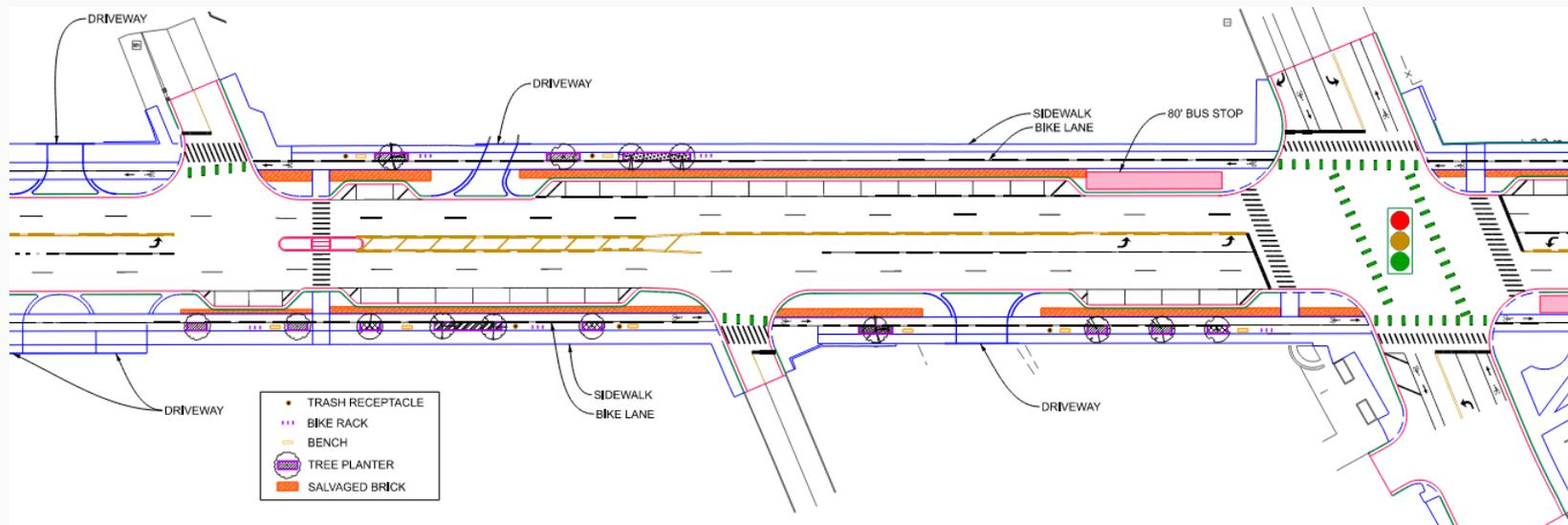
Salvaged Brick Alternatives



Salvaged brick in select buffer zones and curb extensions

Michigan Avenue Innovation Corridor

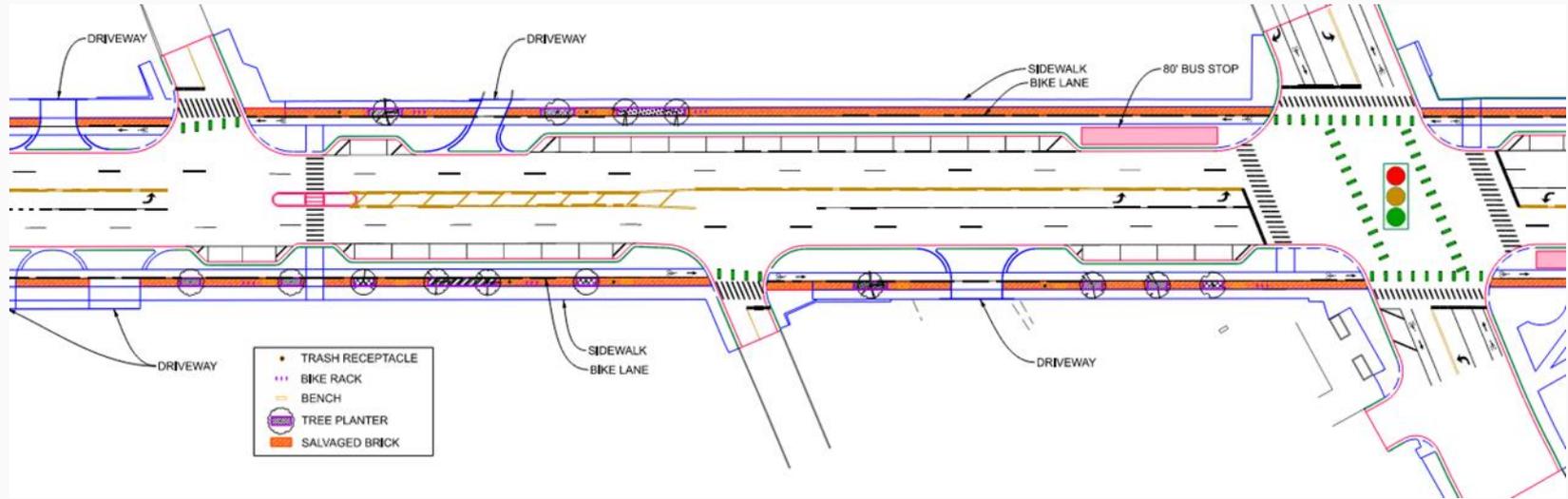
Salvaged Brick Alternatives



Brick in select buffer zones

Michigan Avenue Innovation Corridor

Salvaged Brick Alternatives



Salvaged brick between sidewalk and bike path

Michigan Avenue Innovation Corridor

Site Furnishings / Amenities



Benches



Trash Can



Bike Rack

Thank You!

Augusta Gudeman, MURP, MPP
Freight Infrastructure Specialist
City of Detroit | Department of Public Works
Augusta.Gudeman@detroitmi.gov

Andrea Wilcox, P.E.
Project and Contracts Administration Engineer
Detroit Transportation Service Center
Michigan Department of Transportation
WilcoxA2@Michigan.gov



TAKE PART
Opportunity Rising