

ANN ARBOR MOVING TOGETHER

TOWARDS VISION ZERO



Illustrations by: Pablo Stanley

Vision Zero Implementation Committee



Ann Arbor Moving Together Implementation

May 26, 2022

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TOWARDS VISION ZERO

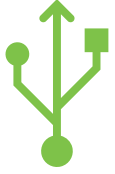
Things to Know

- The video, speaking, and screen sharing functions are available to presenters, but disabled for participants to avoid unauthorized persons or offensive content.
- You can leave and rejoin the meeting at any time (unless the meeting is at capacity or you are removed for inappropriate behavior).
- You can communicate through the Q&A feature.
- Multiple opportunities for questions will be provided throughout the presentation.
- Presentation and additional materials are available <https://www.a2gov.org/departments/engineering/Pages/Ann-Arbor-Moving-Together-Towards-Vision-Zero.aspx>



Vision Zero Implementation and Action Plan

Vision Zero Implementation Subcommittee Meeting #2
May 26, 2022



Technology Overview

Ask a Question or Share a Comment

We will be using the Q&A feature for those using a computer and the Raise Hand feature for those who are on the phone.

Computer

- Please use the Q&A feature located at the bottom of the screen to ask a question/comment.
- Type your question/comment.
- Click **Send**.

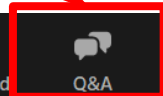
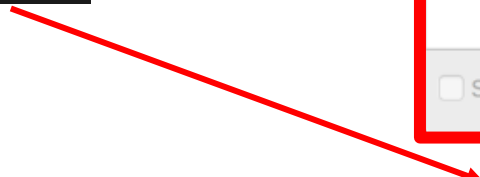
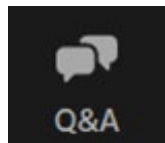
Q&A

You asked: 18:03
What happens when I raise my hand?

Molly Parker answered: 18:04
I can take you off of mute.

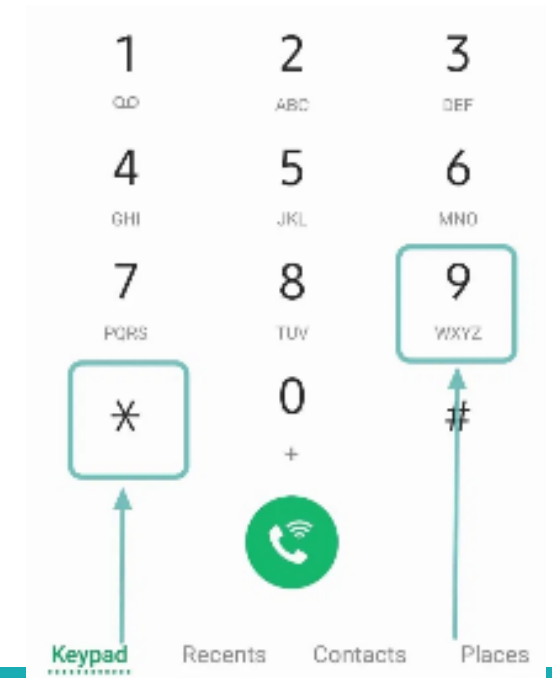
Please input your question

Send Anonymously **Send**



Phone

- Select *9 to raise your hand
- You will be identified by the last 3 digits of your phone number





Meeting Norms

- Commit to learning and avoid speculation – we encourage you to ask questions through the Q&A feature so we can explore the issue together.
- When speaking over the phone, please move to a quiet area and silence any background sounds. We want to be sure that we hear what you are saying.
- Please remember the importance of rights and the dignity of others. With that, we ask that you:
 - Critique ideas, not people.
 - Are thoughtful about your language so this can be a comfortable and respectful forum for all participants - inappropriate written and/or verbal comment or language, including personal attacks and accusations, will result in the attendee being removed from the meeting.

Is there anything else anyone would like to add?



Follow-up Expectations

- Meeting summaries will be posted 7-10 days following the meeting
- Your feedback will be considered in addition to technical and cost considerations for the recommendations of this design effort
- The meeting is being recorded and content will also be posted to the City's webpage

Agenda

1. Welcome & Introductions
2. Engagement update
3. Quick-build installation update
4. Speed Management Program
5. Overview of 5-year actions & discussion of prioritization
6. Coordination with Michigan Fitness Foundation - Meeting #1 July 11 6:30-8pm (virtual), Meeting #2 Aug 16 5-6:30pm
7. Public Comment Period



Introductions



Moving Together

Moving Together is Ann Arbor's Vision Zero plan, adopted by Council in June 2021.

Now the city is working to program interventions and develop an **action plan**.



Bold Vision

Ann Arbor: Moving Together sets out a path to address our mobility challenges head-on and achieve two critical goals for the city of Ann Arbor: Vision Zero and carbon neutrality.

3

Ann Arbor's Mobility Goals & Values

Mobility Goals & Values

1. Vision Zero: No one dies or is seriously injured in crashes on Ann Arbor's streets.

By 2025, we have all worked together to eliminate fatalities and serious injuries resulting from traffic crashes.

2. Carbon Neutrality: Our transportation system contributes zero emissions towards climate change.

By 2030, we have transitioned to a carbon-neutral transportation system.

We are committed to achieving these goals while adhering to the community's values and prioritizing equitable outcomes.

MOVING TOGETHER TOWARDS...

ZERO DEATHS

AND

ZERO EMISSIONS

What is Vision Zero?

Vision Zero is both the **commitment** and **approach** to eliminating death and severe injury from traffic crashes



Moving Together Strategies

76 strategies, including **22 key strategies** outlined to demonstrate:

- How strategies relate to the **values**: *Safety, Mobility, Accessibility for All, Healthy People/Sustainable Places, Regional Connectivity*
- **Multi-disciplinary approach**: *Engineering, Education, Encouragement, Enforcement, Equity, Evaluation*
- Cross-agency and cross-departmental collaboration
- Time-based **action strategy**: *Short-, medium-, long-term*
- Accountability



Implementation and Action Plan Process



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Vision Zero Implementation Committee

The Vision Zero Implementation Committee (VZIC) is an advisory committee as a subcommittee of the Transportation Commission.

The committee will advise on:

- Project prioritization criteria
- Implementation timeline
- Effective and equitable community engagement
- Adjusting to unforeseen challenges and opportunities

Roles

- Chair
- Vice-Chair
- Members-at-Large



VZIC participation

1. Who else should be at the table?

Vision Zero Action & Implementation Plan

Project Components

- Communications strategy & execution
- FY2022 Project identification
- Conceptual design and engagement of quick-build installations
- Implementation Program
- Major Streets Traffic Calming Toolbox
- Action Plan

Project Team

Ann Arbor City Staff

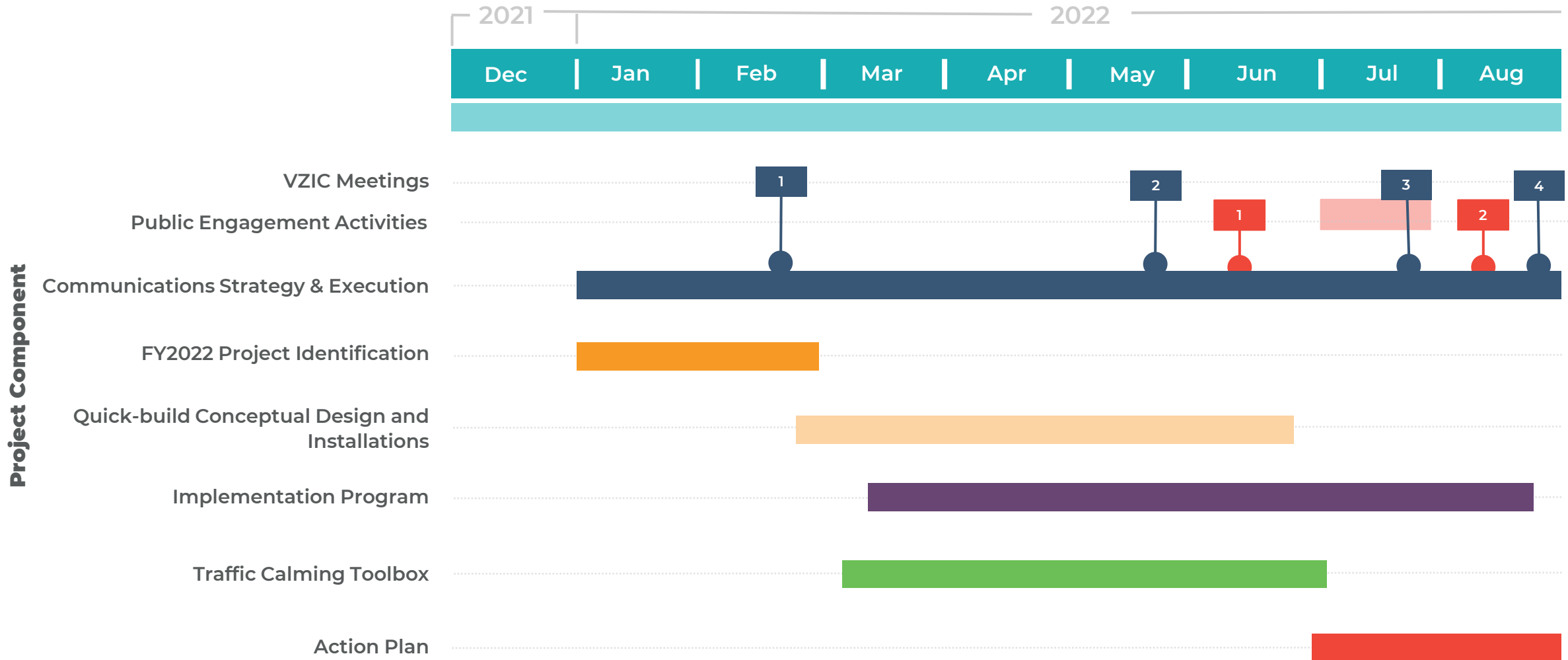
Consultant Team:

Sam Schwartz

SmithGroup

AECOM

Project timeline



Engagement



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Quick Build engagement

Green Fair booth

- Flyers and general information

Targeted mailings

- To adjacent property owners

Post-installation walk-throughs

- Live experience of sites in July/August
- In-person questions and feedback

Virtual public meeting

- Presentation of feedback and data in September
- Opportunity for additional comments

Making Streets Safer for Everyone

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Quick Build Street Projects

Quick Build projects:

- Slow traffic, making roads safer for everyone
- Test options before making permanent, expensive changes



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**PUBLIC NOTICE:
Quick Build Installations
Coming this Summer**

During the summer of 2022, the city will begin installing low-cost changes to roads and intersections throughout Ann Arbor that are quick to build. We're calling these "quick-build" projects. They are intended to:

- Slow traffic, making roads safer for everyone
- Test options before making permanent, expensive changes

These quick-builds are part of the city's Vision Zero transportation plan to help ensure no one dies or is seriously injured in crashes on Ann Arbor's streets and that our transportation network is carbon neutral by 2030.

Visit a2gov.org/VisionZero for design drawings and notice of upcoming site walk-throughs.

For additional information, please contact **Suzann Flowers**, Transportation Program Manager, at sflowers@a2gov.org or 734.794.6410 ext. 43715.

Making Streets Safer for Everyone

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Quick Build Street Projects

Quick Build projects:

- Slow traffic, making roads safer for everyone
- Test options before making permanent, expensive changes



LEARN MORE

Major Streets Speed Management engagement

Green Fair booth

- Boards for education and input

Virtual public meeting

- Discussion of typologies and corresponding strategies in September
- Opportunity for feedback

Next Action Steps

- ✓ Adopt a major street traffic calming toolkit that identifies appropriate traffic calming treatments on major streets, an appropriate engagement process for major street project areas, process for identifying issues and appropriate treatments, and approval thresholds for implementation.

Quick Build Opportunities



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Quick Build Opportunities

1. Ann (Main – 5th)*
2. Glen/Fuller**
3. Liberty/Stadium
4. Maple (Dexter – Miller)*
5. Packard (Main – State)**
6. S. University/State**
7. Washington (Ashley – Fletcher)*

** Tier 1 corridor/intersection

* Tier 2 corridor/intersection



Ann Street

Primary safety concerns

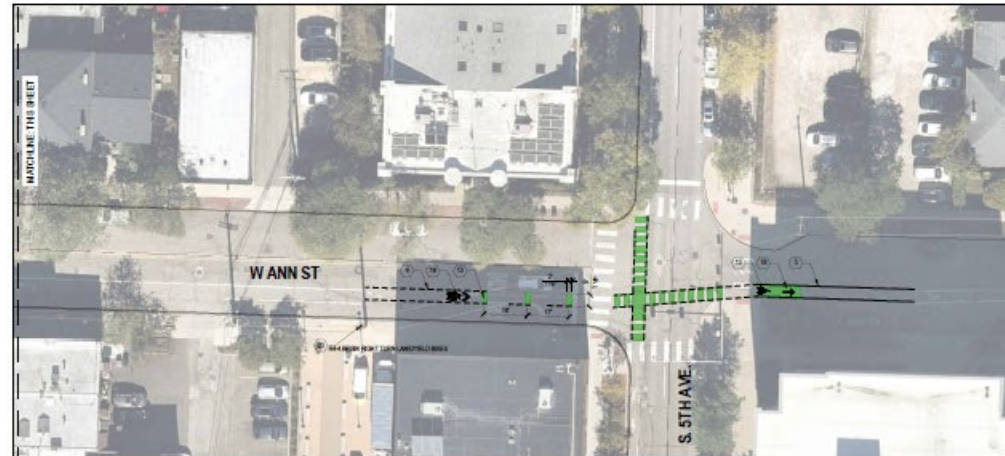
- Crashes involving pedestrians and bicyclists
- Volume of crashes

Objectives

- Reduce exposure to pedestrians
- Increase visibility of bicyclists

Strategies

- Bike thru-intersection markings
- Paint/post bump-outs



Glen/Fuller

Primary safety concerns

- Crashes involving bicyclists
- Head on – left turn crashes
- Angle crashes

Objectives

- Reduce speeds, especially turning speeds
- Increase visibility of bicyclists

Strategies

- Bike markings
- Hardened centerlines
- Paint/post bump-outs & island



Liberty/Stadium

Primary safety concerns

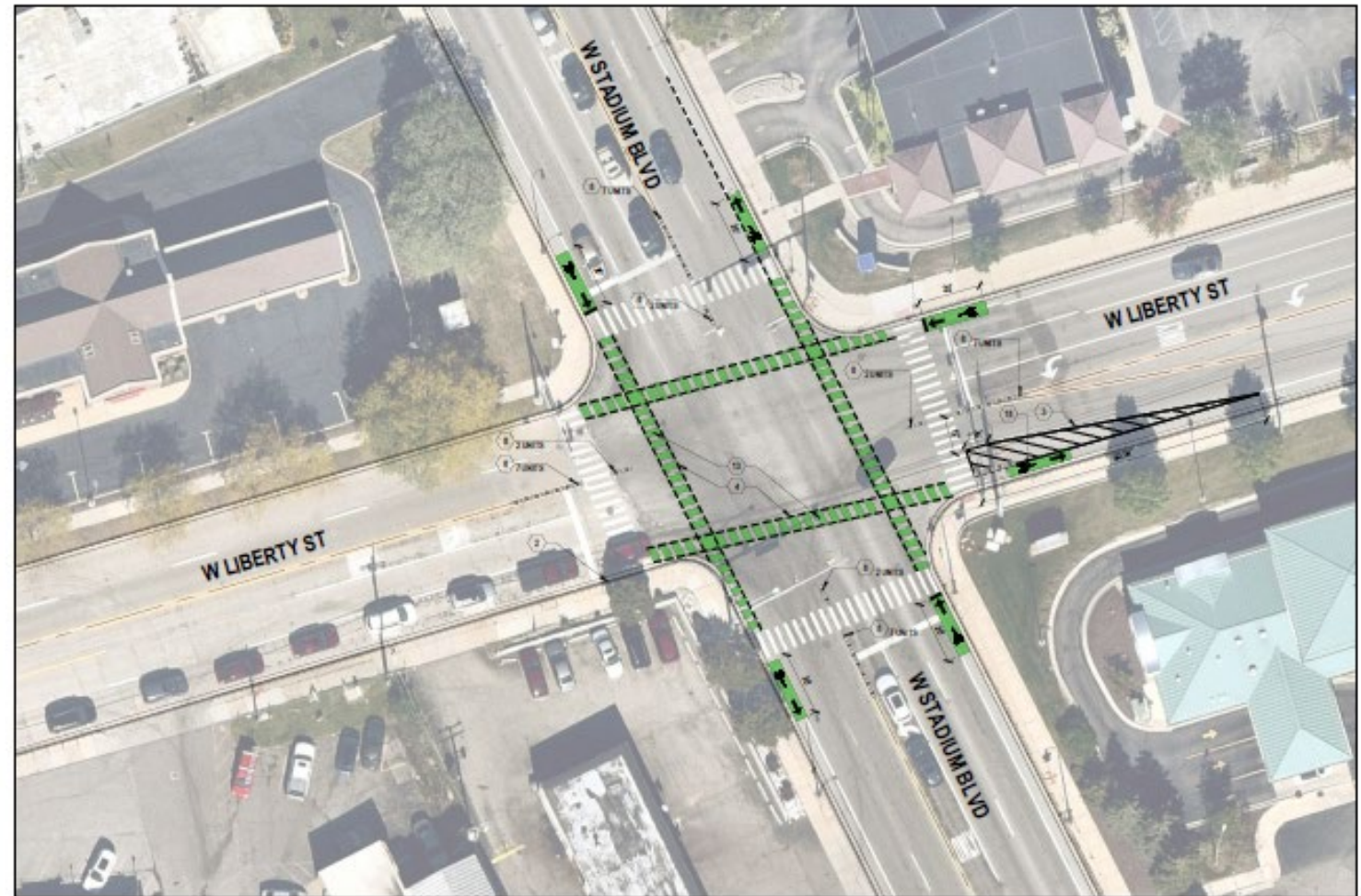
- Head On – Left Turn crashes
- Volume of crashes
- Crash involving bicyclists
- Wide and intimidating crossings for both pedestrians and bicyclists

Objectives

- Reduce turning speeds
- Increase visibility of bicyclists

Strategies

- Bike thru-intersection markings
- Hardened centerlines



Maple Road (Foss – Dexter)

Primary safety concerns

- Volume of crashes
- Abrupt end to bike lane at Dexter

Objectives

- Reduce vehicle speeds
- Increase comfort and visibility of bicyclists

Strategies

- Bike thru-intersection markings
- Bike lane “gateways”
- Hardened centerlines
- Paint/post islands

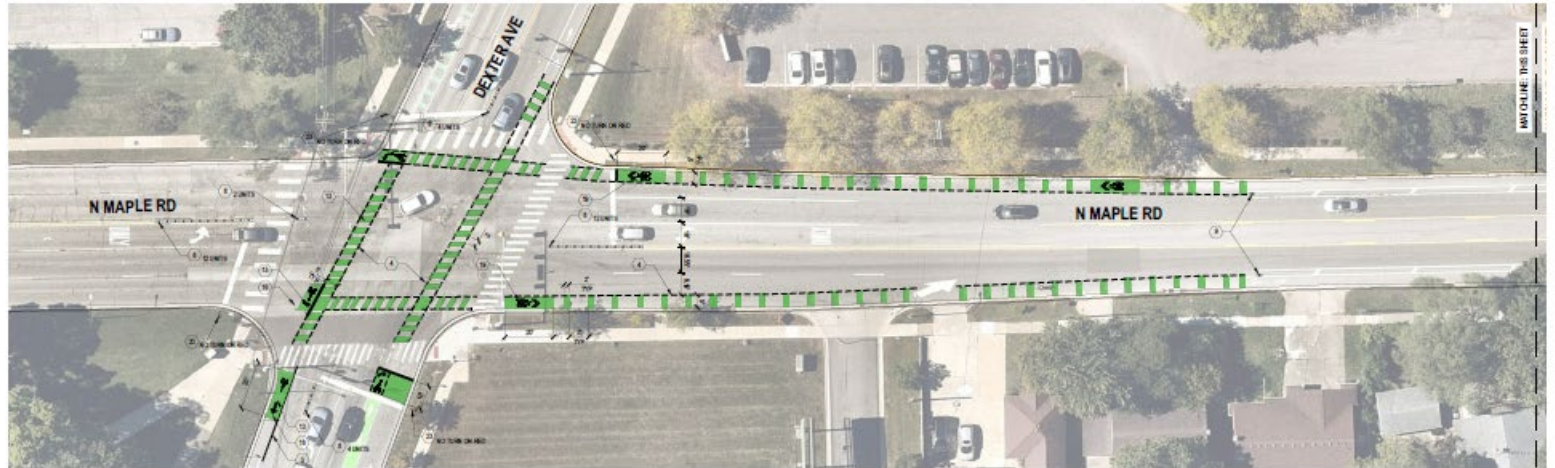


Photo:qwickkurb.com

S. University/State

Primary safety concerns

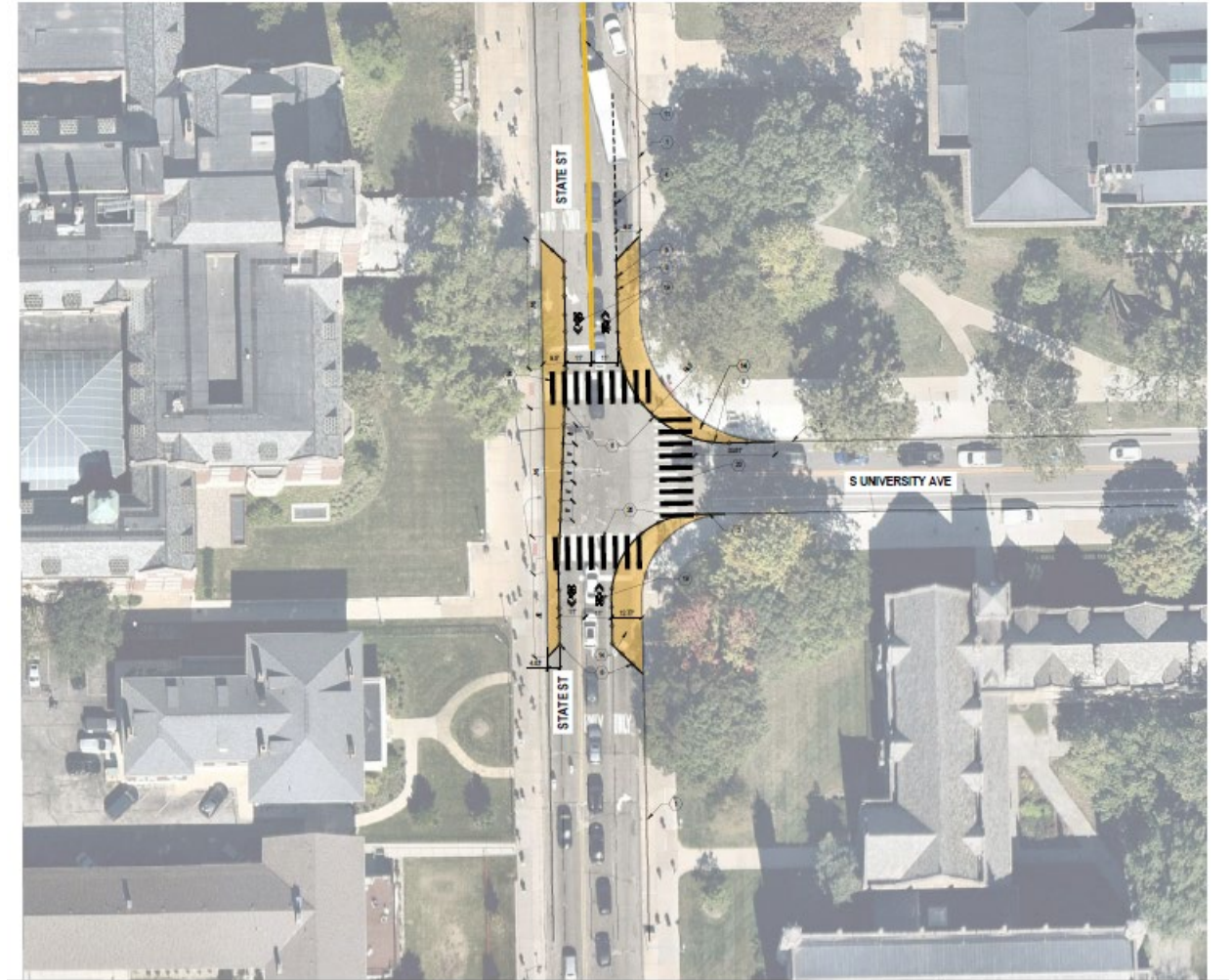
- Crashes involving bicyclists
- Volume of pedestrians
- Complexity of the intersection (all-way stops with turn lanes)

Objectives

- Simplify intersection
- Prioritize pedestrian and bicycle travel

Strategies

- Removal of turn lanes / change of traffic patterns
- Paint/post bump-outs



Packard Street (Main – State)

Primary safety concerns

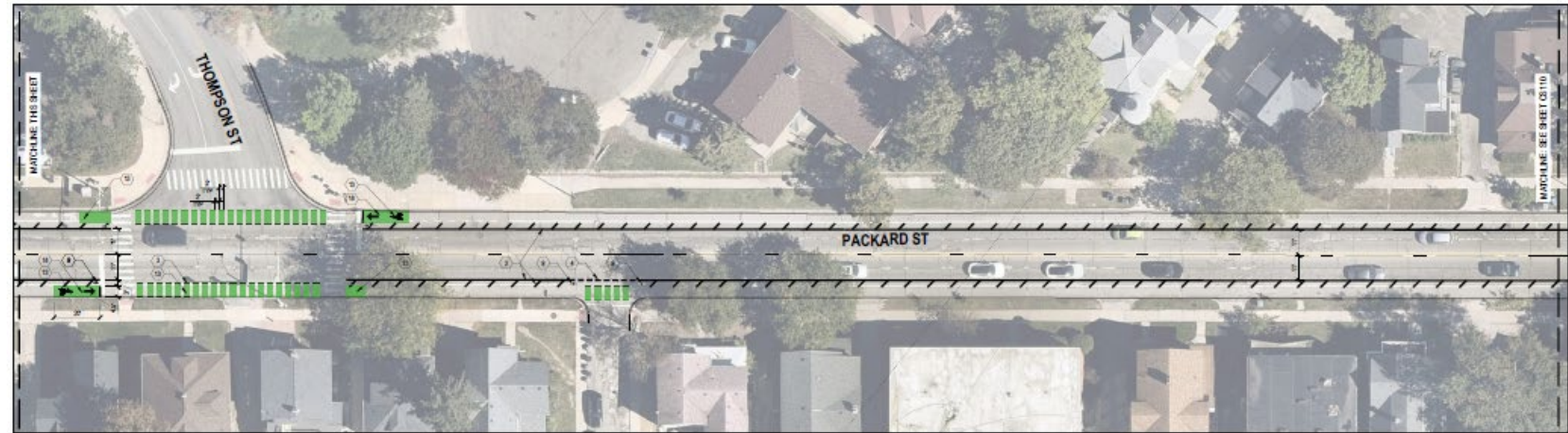
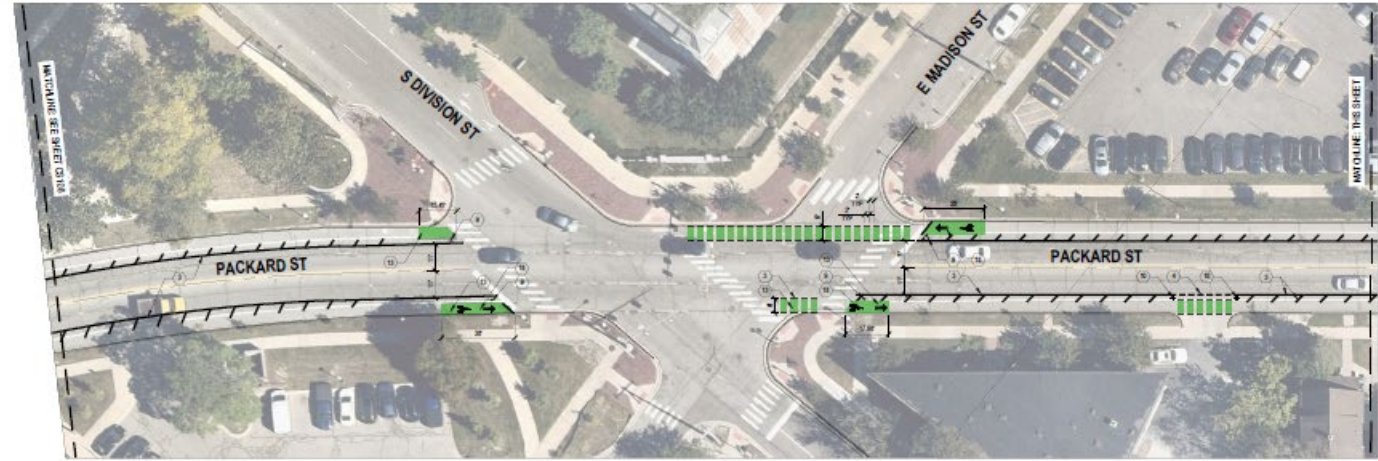
- Volume of crashes
- Crashes involving bicyclists

Objectives

- Reduce vehicle speeds
- Increase comfort and visibility of bicyclists

Strategies

- Bike thru-intersection markings
- Bike lane “gateways”



Washington Street (Main – Fletcher)

Primary safety concerns

- Crashes involving pedestrians
- Head On – Left Turn crashes
- Volume of crashes

Objectives

- Increase visibility of pedestrians
- Reduce turning speeds
- Simplify traffic patterns

Strategies

- Removal of turn lanes / change of traffic patterns
- Paint/post bump-outs



1. Questions about these quick-builds?
2. What do you think the public will want to know about these?
3. What should the future of this program look like?

Next Steps

1. Quick-Build Construction - Summer
2. Public Engagement
3. Evaluation

5-Year Action Items



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Moving Together: 5-year Action Inventory

51 out of **76** strategies are near-term:

- 28 Engineering
- 21 Encouragement
- 14 Equity
- 7 Education
- 6 Enforcement
- 9 Evaluation

Types:

- Capital investments
- Process changes
- Evaluation
- Policy changes

Existing programs:

- Annual sidewalk gap infill
- Curb ramps
- Streetlight maintenance

Moving Together: 5-year Action Inventory

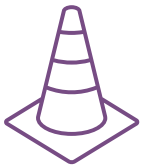
By the numbers: Capital Investments



Safety improvements at **15** focus intersections + corridors



50.6 miles of sidewalks



15 quick-build installations



65 miles of bikeways

20 intersection upgrades



Traffic calming at **15** schools



Assess and upgrade/install crosswalks

Moving Together: 5-year Action Inventory

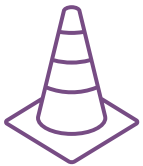
By the numbers: Quick Builds



Safety improvements at **6** (of 15) focus intersections + corridors



50.6 miles of sidewalks



7+ (of 15) quick-build installations



1 (of 25) miles of low-stress bikeways

4 (of 20) intersection upgrades



Traffic calming at **15** schools



Assess and upgrade/install crosswalks

Moving Together: 5-year Action Inventory

Prioritization exercise – switch to mentimeter; ask committee to assign values

Need

Focus corridor/intersection designation

Sidewalk gap infill – major street

Sidewalk gap infill – minor street

Crosswalk upgrade or new crosswalk

Bike route – all ages and abilities

Bike route

Bike intersection

Opportunity

Combination of strategies

Opportunity to incorporate into existing projects

Feasibility / ease of implementation

Equity

Other?

Next Steps

1. Prioritize capital investment opportunities
2. Define potential project scopes
3. Discuss non-capital strategies with VZIC

Speed Management Program



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Speed Management Toolkit

Goals

- Develop a toolkit of strategies that can be applied to streets to reduce speed
- Develop a process that educates and empowers residents to be part of the process in effective ways

Approach

1. Categorize streets by character
2. Conduct best practice research to identify tools
3. Pair tools with appropriate street types
4. Outline a unified process for speed management
5. Engage public to educate & obtain feedback

National Functional Classification (NFC)	Land Use Context		
	Main Street (M)	Urban Corridor or Walkable Thoroughfare (U)	Suburban Corridor (S)
Principal Arterial (3)	M3 <i>Example: Huron St through Downtown Ann Arbor</i>	U3 <i>Example: Packard St</i>	S3 <i>Example: Ellsworth Rd on border of Pittsfield Township</i>
Minor Arterial (4)	M4 <i>Example: Division St through Downtown Ann Arbor</i>	U4 <i>Example: Miller Ave</i>	S4 <i>Example: Huron River Dr north of M-14</i>
Major Collector (5)	M5 <i>Example: William St</i>	U5 <i>Example: Hill St</i>	S5 <i>Example: Newport Rd north of M-14</i>

Speed Management Toolkit

Defining typologies:

- Based on land use + functional classification
- Common traffic characteristics (volumes, speed, truck regulations)

Draft Typologies

Principal Arterials

Main Streets

Suburban Corridors

Primary Urban Corridors

Secondary Urban Corridors

Local Streets

Next Steps

1. Green Fair engagement
2. Refine typologies
3. Pair typologies and tools
4. Build out process

Michigan Fitness Foundation



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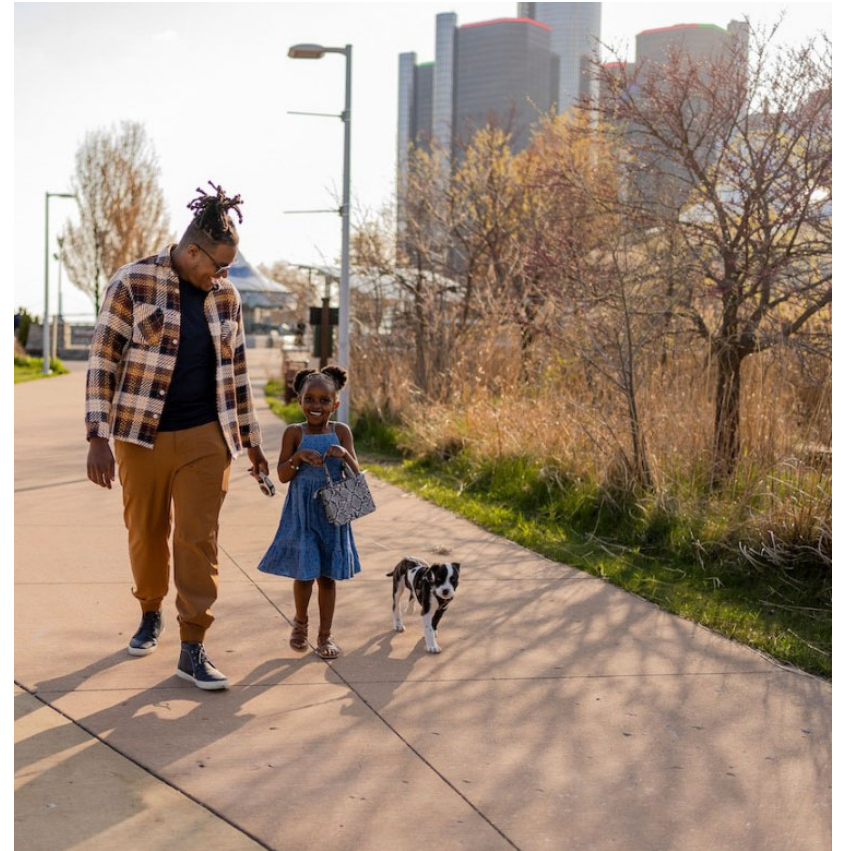
Pedestrian Safety Education Campaign Pilot in SE Michigan

**MICHIGAN
FITNESS
FOUNDATION**



Goals of the multimedia safety campaign

To educate Michigan citizens on how to safely utilize pedestrian transportation and educate **pedestrians and drivers** on safety and laws surrounding pedestrian transportation



To reduce the total number of pedestrian crashes, fatalities, and severity of injuries in three communities in SE Michigan



To develop a comprehensive plan (Campaign Playbook) that can be used by other communities interested in implementing a similar pedestrian safety education campaign



Funders



RALPH C. WILSON, JR.
FOUNDATION

Subcontractors



Research & Evaluation



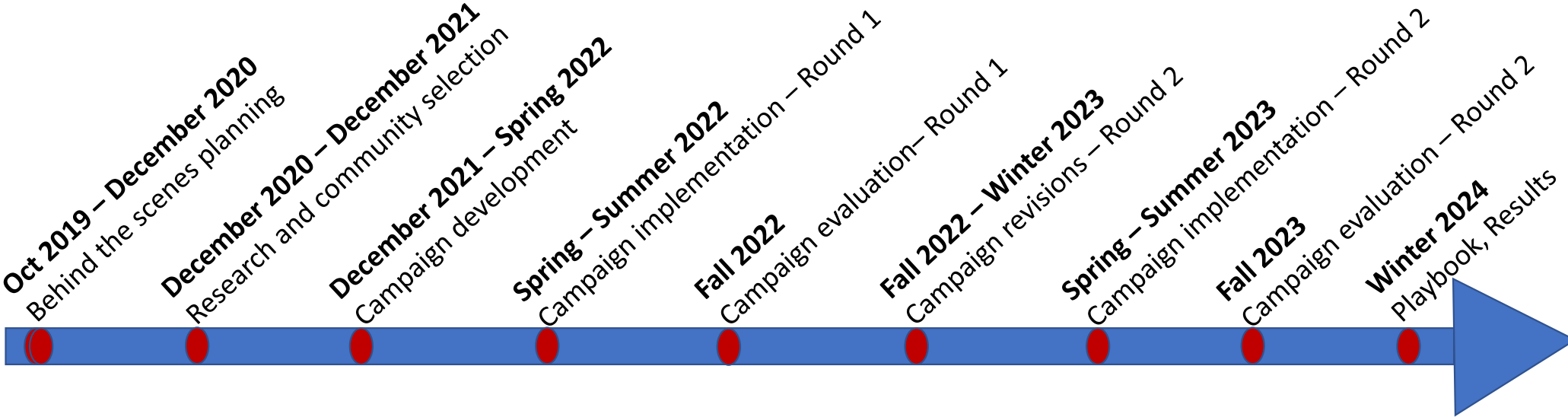
Development & Implementation

Advisory Groups

- Technical Advisory Group
- Community Input



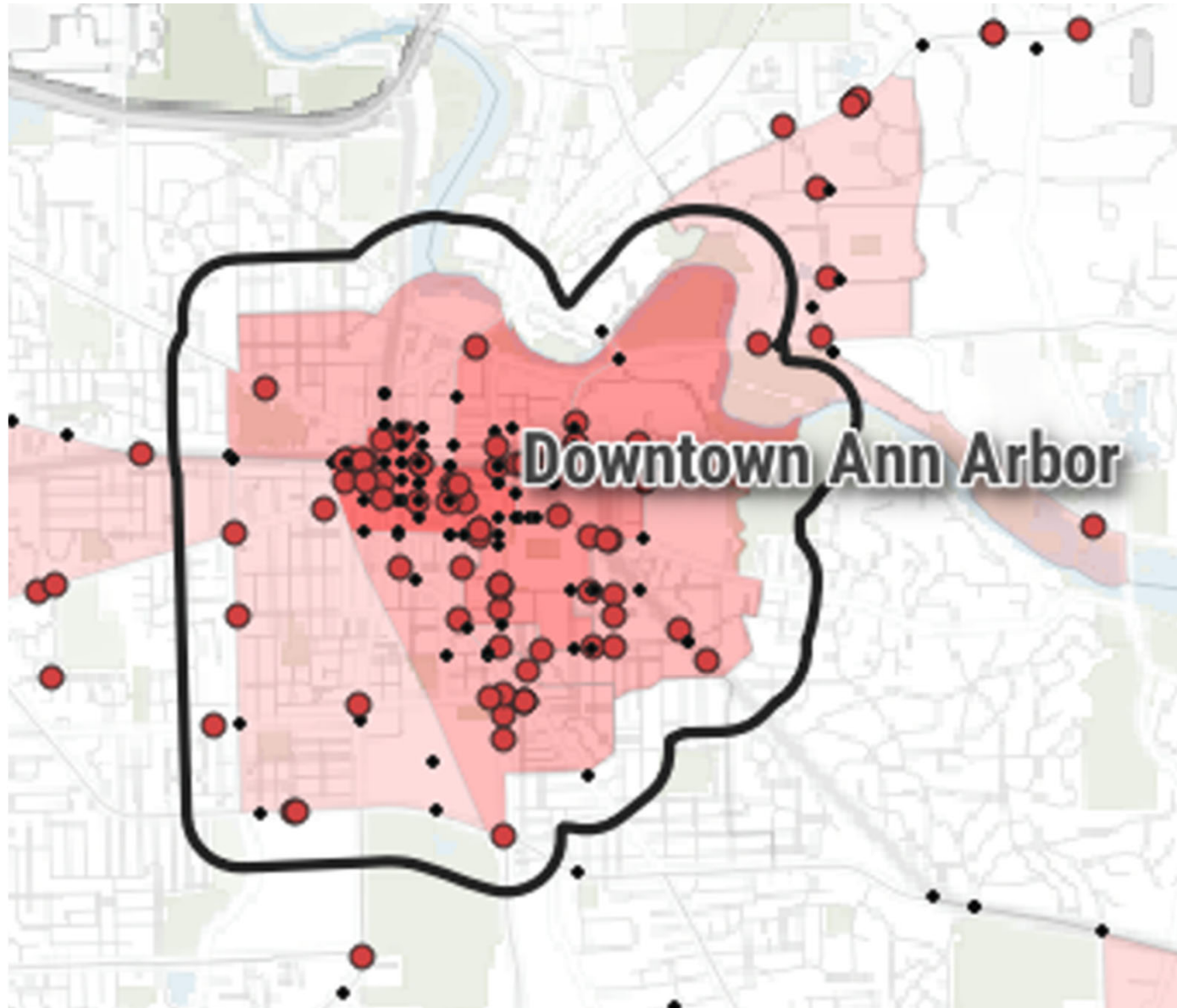
Draft Timeline



Potential Roles

- Help promote and coordinate
- Connections to local champions
- Connect to current initiatives
- Help with further research





Thank you!

Mary Moomaw
Michigan Fitness Foundation
mmoomaw@michiganfitness.org
571-908-3848

Public Comment Period

- Please limit your comments to 3 minutes or less