# MIC Area Safety Action Plan

MIC and TAC March 2024



### Safe System Approach

Traditional approach = Wait for serious crashes to make changes

Systemic approach = Identify risk factors, proactively make changes



### Safe System Approach

### **Principles**

- Death and Serious Injuries are Unacceptable
- 2. Humans Make Mistakes
- 3. Humans Are Vulnerable
- 4. Responsibility is Shared
- 5. Safety is Proactive
- 6. Redundancy is Crucial



**Schedule:** 2022 – 2024

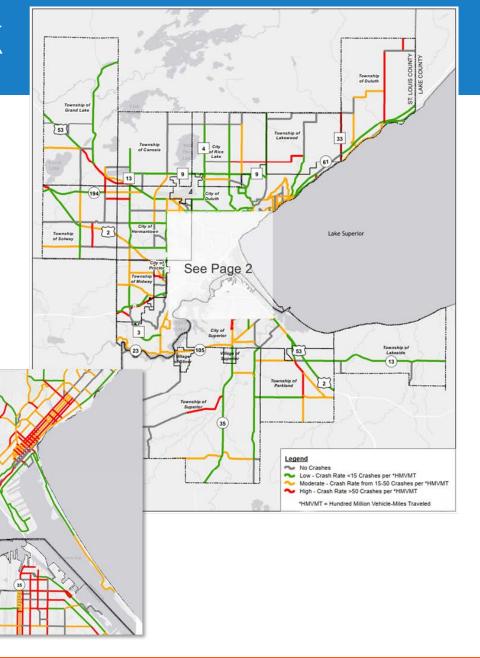
Objective: Prepare a multimodal safety analysis consistent with federal guidance

Who: Consultant (AECOM), MIC staff and advisory committee

### Data Analysis – Step 1:

 Complete crash analysis for all functionally-classified roads

Low/Moderate/High Crash Rate



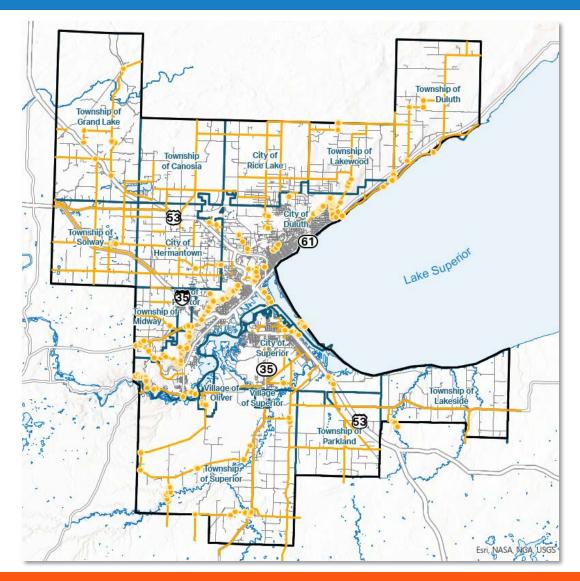
### **Data Analysis – Step 2:**

 Identify Safety Emphasis Areas based on crash trends



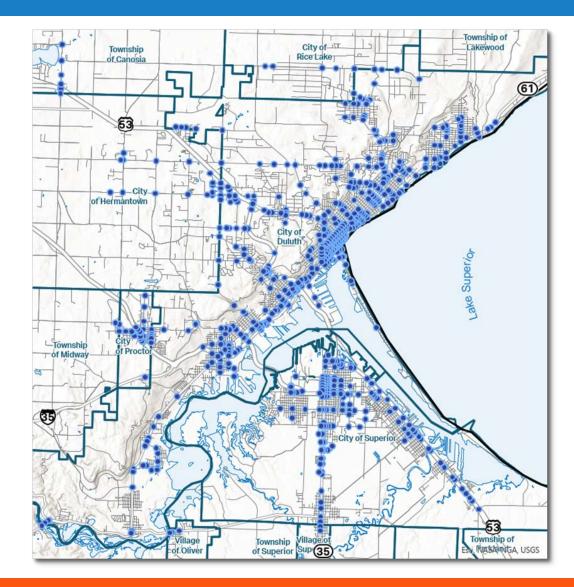
### **Safety Emphasis Area 1:**

- Rural Two-Lane Undivided Roads (<5,000 AADT)</li>
- 273 segments, 357 roadway miles
- 251 curves



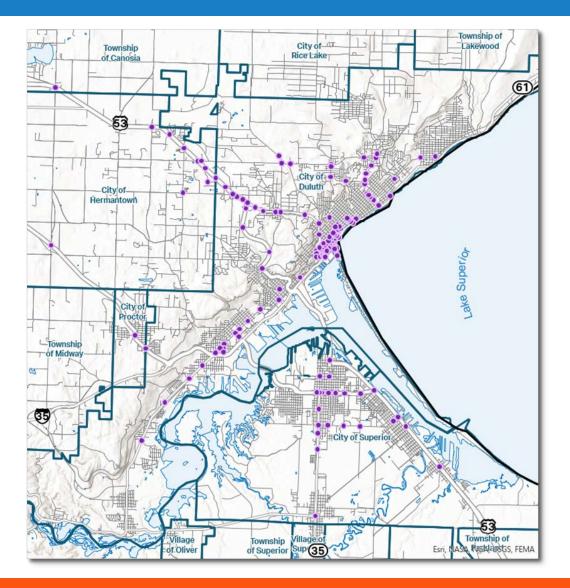
### **Safety Emphasis Area 2:**

- Urban Intersections with Side-Road Stop Control
- 110 Intersections



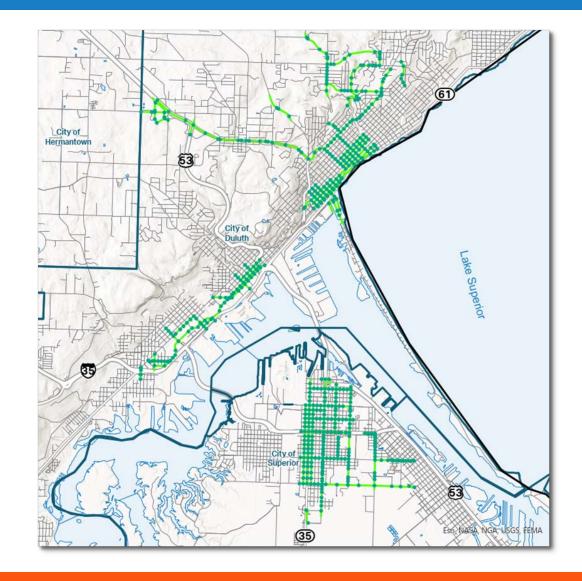
### **Safety Emphasis Area 3:**

- Signalized Intersections on Multi-Lane Arterials
- 146 Intersections



### **Safety Emphasis Area 4:**

- Bicycle/Pedestrian Concerns at Urban Intersections
- 550 Intersections

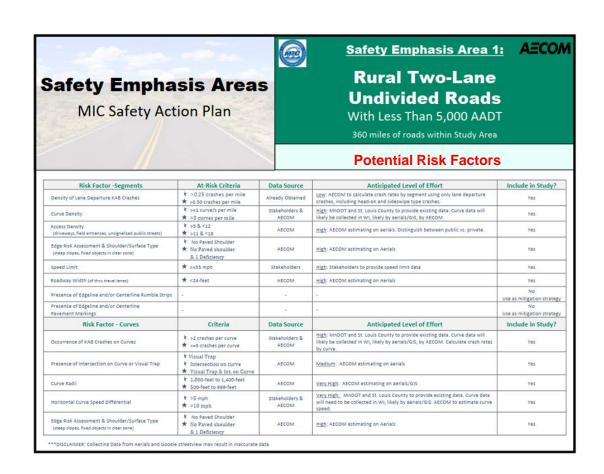


#### **Data Analysis – Step 2:**

• Identify **Safety Emphasis Areas** based on crash trends

#### and

 Identify Risk Factors based on the context of each Safety Emphasis Area



### **Next Steps - Safety Analysis**

- Identify countermeasures
- Estimate costs
- Prioritize projects

#### **Deliverable**

 Final report detailing study methodology and results (Oct 2024)



The Systemic Safety Planning Process

### Federal Safe Streets for All (SS4A) Grant Program

### **New Funding Mechanism (BIL)**

- Established to support the Safe Systems approach
- \$5 billion to be appropriated over 5 years (2022-2026)

#### MIC SS4A Planning Grant Award (FY2023 solicitation)

• \$250,000 – federal funds

**\$62,500** – local match

\$312,500 - Total Project Budget

to produce a federally-compliant Safety Action Plan

#### 8 Required Elements - SS4A Safety Action Plan



Leadership and Goal Setting



Planning Structure



Safety Analysis



Engagement & Collaboration



**Equity Considerations** 



Policy & Process Changes



Strategy & Project Selection



Progress & Transparency

#### 8 Required Elements - SS4A Safety Action Plan



Leadership and Goal Setting



**Planning Structure** 



**Safety Analysis** 



Engagement & Collaboration



**Equity Considerations** 



Policy & Process Changes



**Strategy & Project Selection** 



**Progress & Transparency** 

MIC-funded work 2022-24 will satisfy these elements

### **Key Components – SS4A Safety Action Plan**

#### 1. Identify and Prioritize Needs

MIC - funded safety analysis work (2022-2024)



Two-part epoxy

### **Key Components – SS4A Safety Action Plan**

#### 1. Identify and Prioritize Needs

MIC - funded safety analysis work (2022-2024)



Two-part epoxy

#### 2. Develop a Sustained Safety Culture

Federal SS4A-funded planning work (2025-2026)

 Influence how our community accepts and prioritizes transportation safety strategies

#### 8 Required Elements - Safety Action Plan



Leadership & Goal Setting



Planning Structure



Safety Analysis



**Equity Considerations** 



**Policy & Process Changes** 



Strategy & Project Selection



**Engagement & Collaboration** 



**Progress & Transparency** 

• The SS4A planning process will address these elements

#### **Next Steps** (SS4A Advisory Committee)

#### 1. Revise the scope of work & reallocate the budget

- \$312,500 Total Project Budget
  - 3 elements all or mostly complete (safety analysis/project prioritization)
  - 5 elements remain (public engagement/policy/monitoring)
- Incorporate a Demonstration Project in revised scoping

#### 2. Determine local match allocation (\$62,500)

Jurisdictional contribution amounts -- how to divide

# MIC Area Safety Action Plan

#### **Questions?** Comments?

#### **Staff Contacts**

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SS4A Plan (Federal project)
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PARTNER
JURISDICTIONS AND
STAKEHOLDERS
SHOULD BE ENGAGED



CHANGES IN POLICY AND/OR PROCESSES MAY BE APPROPRIATE





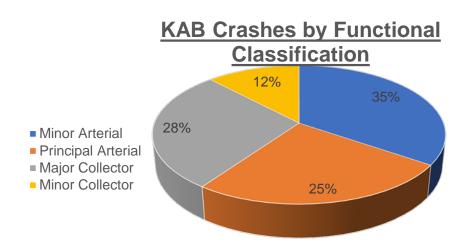
A MONITORING EFFORT SHOULD BE INCORPORATED

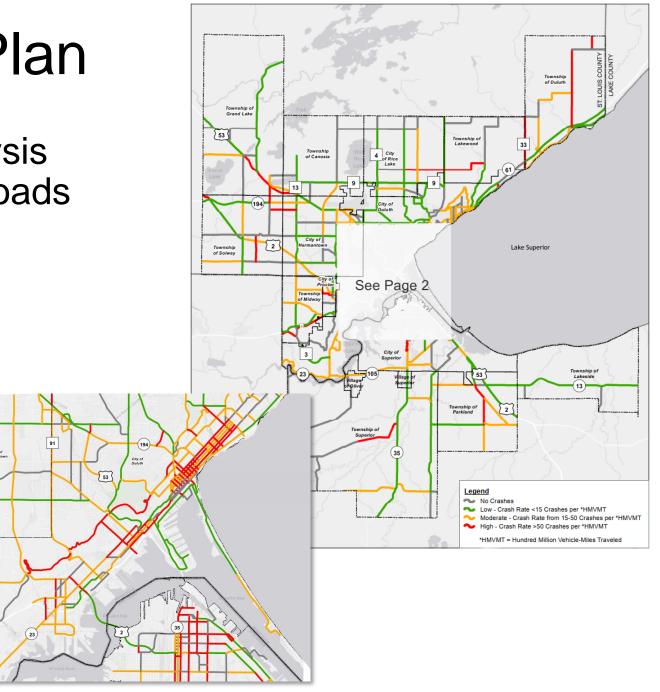


IMPLEMENTATION PROGRESS SHOULD BE MEASURED AND REPORTED

# MIC Safety Action Plan

 Step 1: Complete crash analysis for all functionally-classified roads





## Next Steps (continued)

- Develop action plan to address over representation categories: esp. low volume two lane roadways
- Evaluate intersection info to identify traffic controls that are associated with collisions and id corrective measures
- Evaluate segment collisions where no intersection is involved and identify corrective measures
- For ped/bike collisions, identify factors that could reduce the risk and program for implementation
- Identify funding opportunities and pursue them to fund project completion and plan implementation