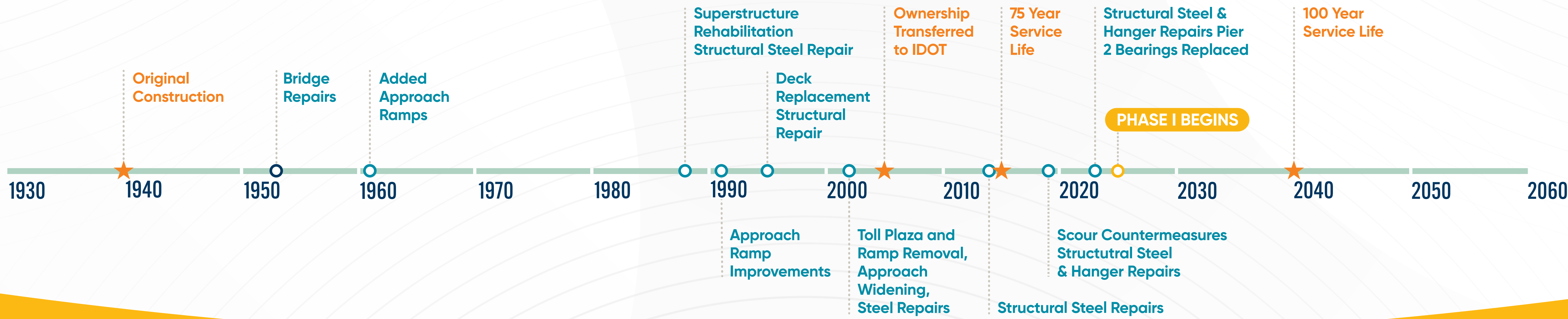
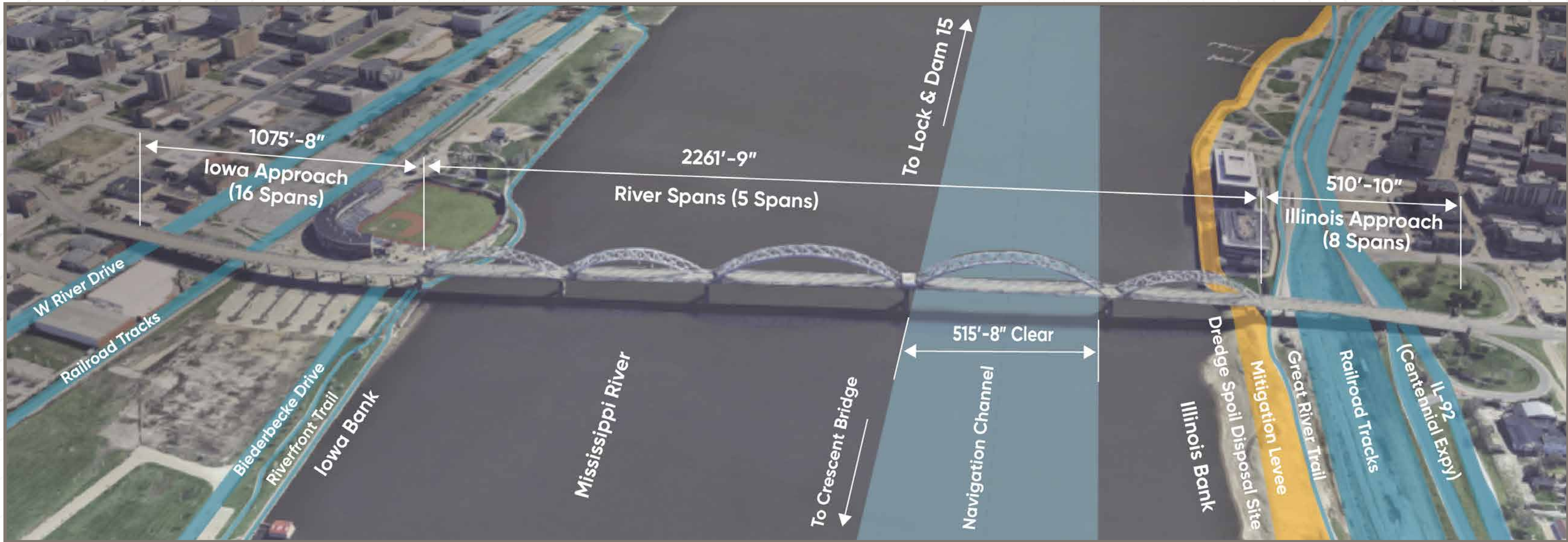


Centennial Bridge

US 67 (Centennial Bridge) Corridor Project

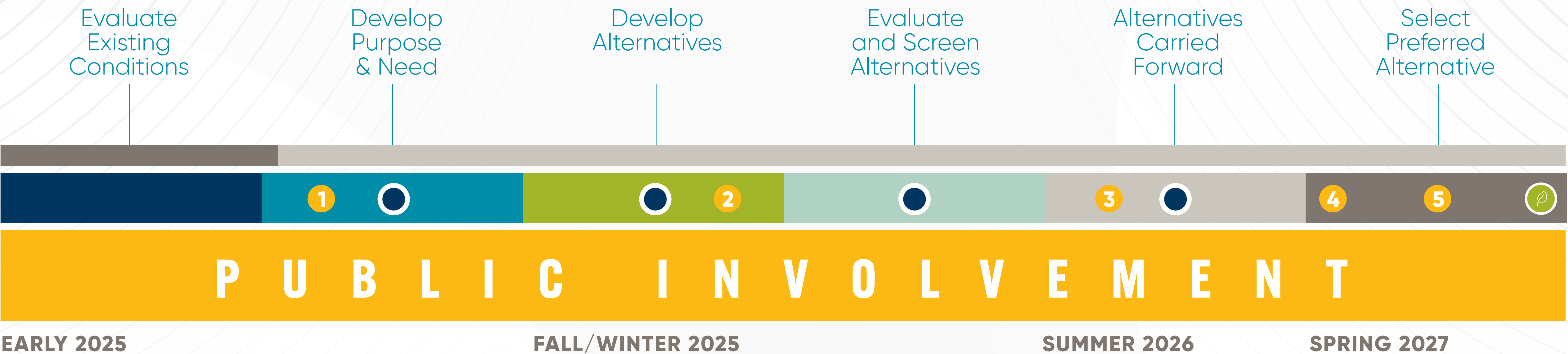


Study Location



Project Schedule

US 67 (Centennial Bridge) Corridor Project



- PUBLIC MEETING/HEARING
- TECHNICAL ADVISORY GROUP & COMMUNITY ADVISORY GROUP MEETINGS
- FINAL PROJECT REPORT
- PROJECT PROGRESS

Study Process

PROJECT DEVELOPMENT & IMPLEMENTATION PROCESS



**WE ARE
HERE**

Environmental Review

ASSESS ENVIRONMENTAL FACTORS

neighborhoods, park/recreation areas, historic resources, water quality, wetlands, noise, and air quality



DEVELOP AND REFINE ALTERNATIVES

through evaluations of environmental factors and impacts, agency coordination, and public input

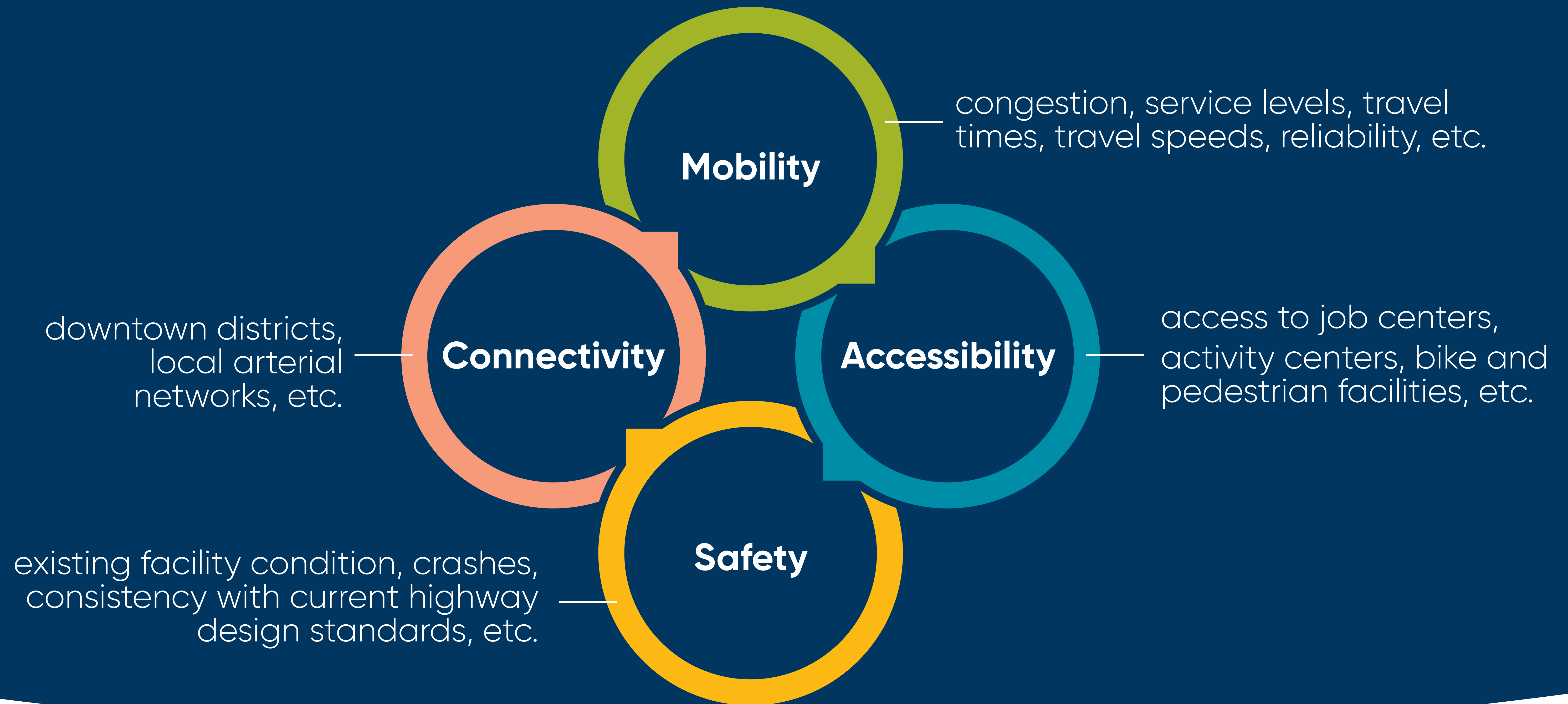


GOAL

avoid, minimize and mitigate environmental impacts



Purpose and Need Development/Criteria



Community and Public Involvement

US 67 (Centennial Bridge) Corridor Project



Corridor Study Factors to Consider

Roadway
on Bridge

Bridge
Evaluation

Traffic & Safety
Performance

Mass Transit
Network

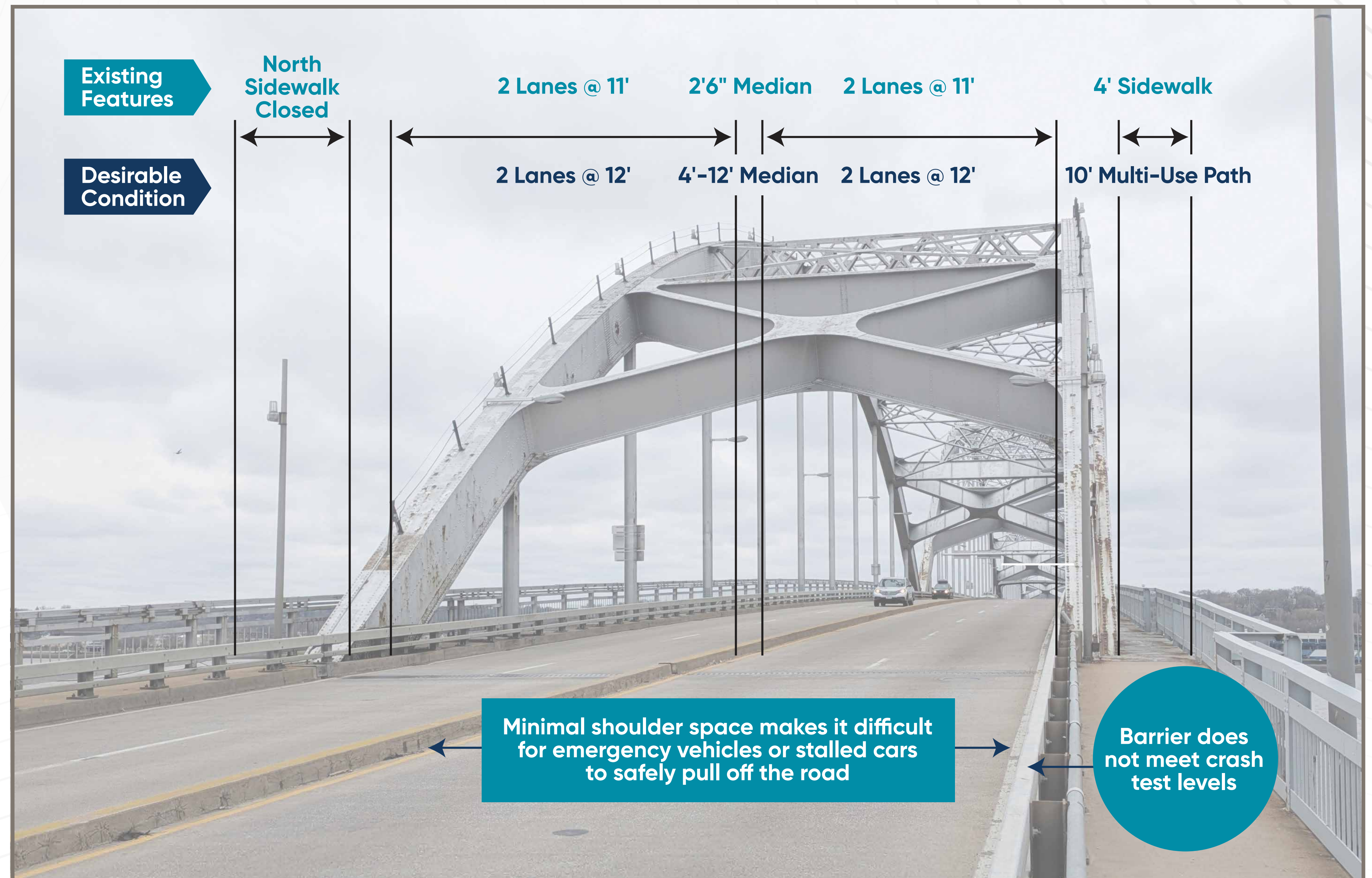
Environmental
Resources

Section 106/
Section 4(f)

Roadway on Bridge

US 67 (Centennial Bridge) Corridor Project

- The bridge does not have desirable lane, median and shoulder widths according to current standards and does not provide sufficient vertical clearances with the crossing roads.
- Because of its arch design, the existing bridge cannot be easily widened to meet current and future standards.
- Pedestrian and bike accommodations do not meet the requirements of the Americans with Disabilities Act (ADA).
- Evaluation will determine whether the current condition can be accepted or if upgrades are needed to ensure safety and functionality for all modes of transportation.
- At this stage, the proposed design is not developed. It will be shaped by design requirements and input from the community.



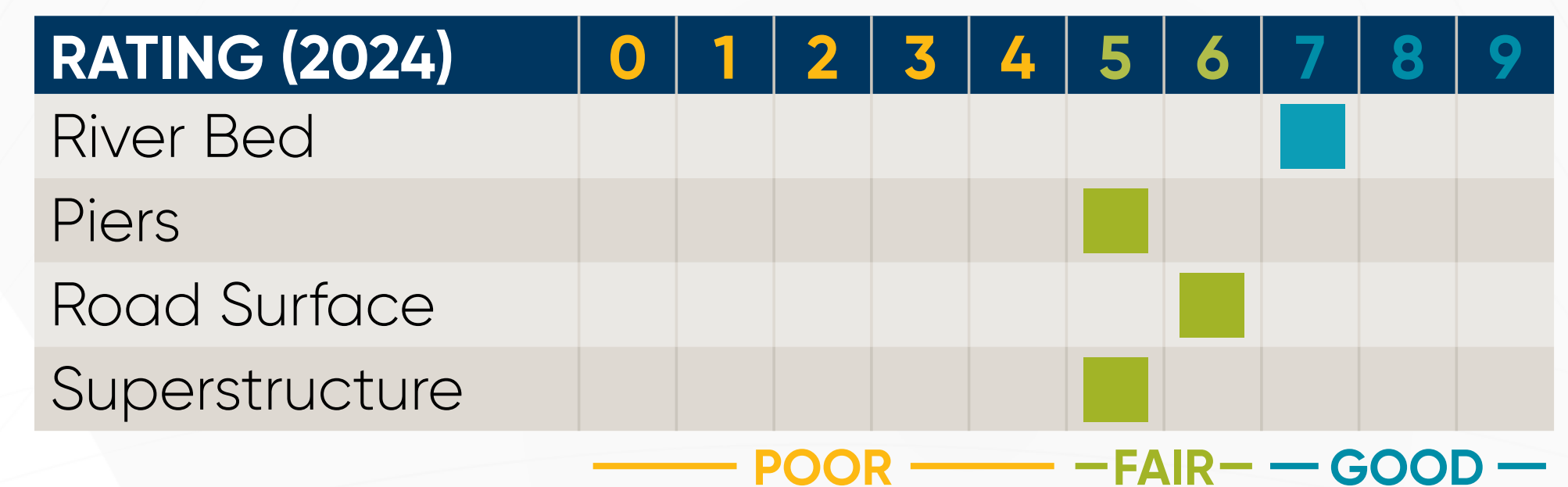
Existing Bridge Evaluation

BRIDGE EVALUATION

- A structural evaluation will be conducted which will include an investigation of the following:
 - Current Physical Condition
 - Load Capacity
 - Structural Redundancy
 - Geometric Functionality
 - Hydraulic Capacity and Scour Potential
 - Seismic Adequacy
 - Vulnerability to Vessel Impact
- Based on this evaluation, a recommendation will be developed that provides the most suitable treatment of the structure within the framework of the Phase I Study

STRUCTURAL CONDITION

- Recent repairs have improved the structural condition from "poor" to "fair"



- Full inspection is required every year (normal is every other year)
- Frequent and disruptive repair expenditures needed to keep the bridge in "fair" condition

LOAD CAPACITY

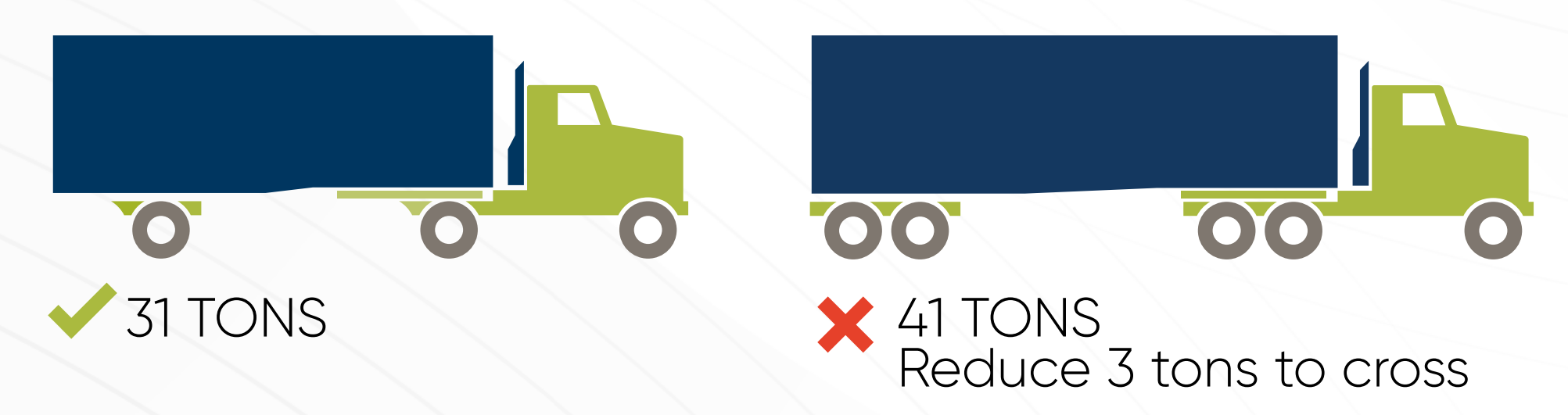
- Existing bridge is weight restricted for some trucks that meet legal limits. These trucks must reduce their weight or detour to another bridge
- Capacity is limited due to certain existing components not meeting current design standards



SINGLE-UNIT TRUCKS – 30 ton limit



MULTI-UNIT TRUCKS – 38 ton limit

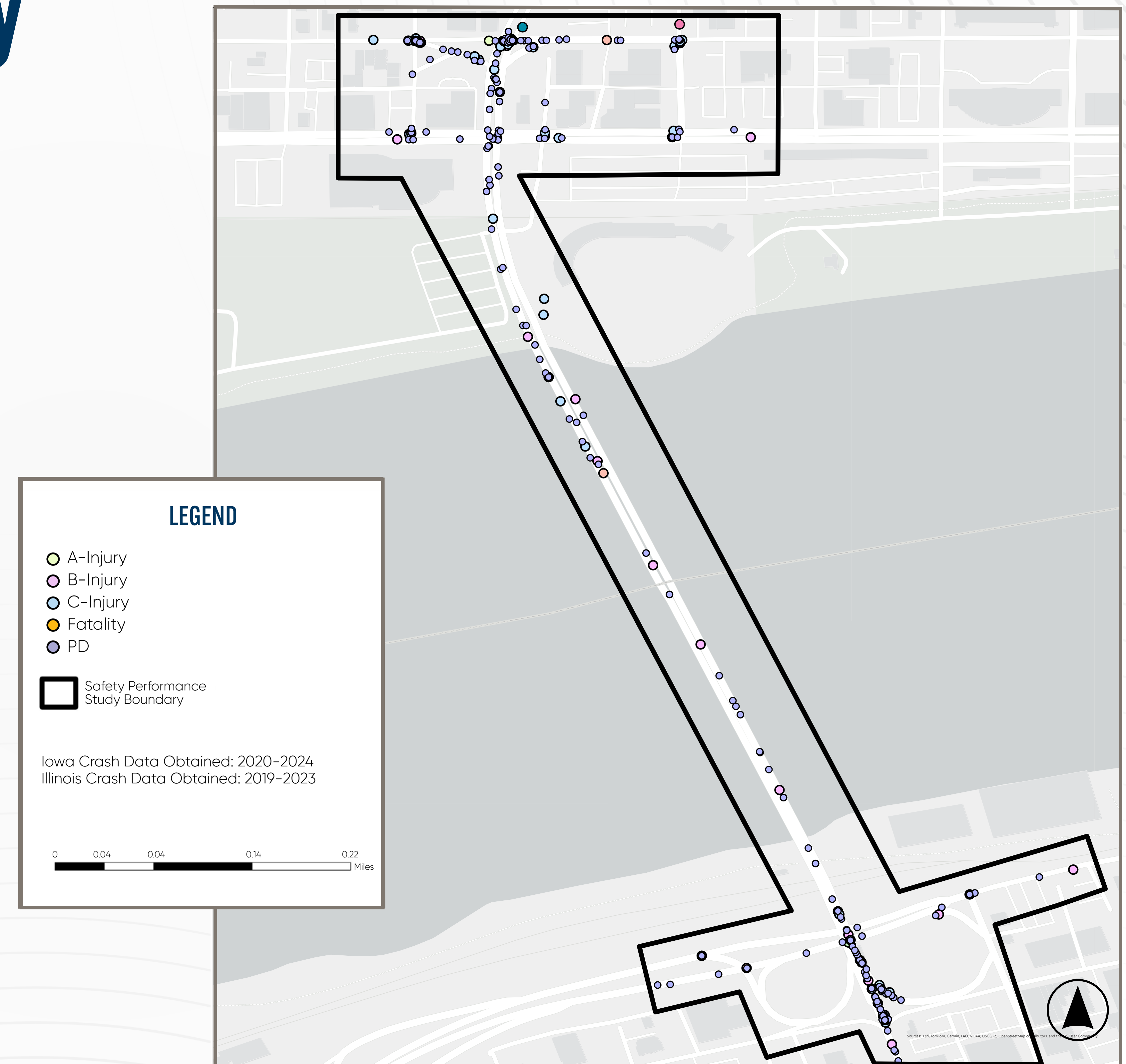


Centennial Bridge Safety Performance Study

US 67 (Centennial Bridge) Corridor Project

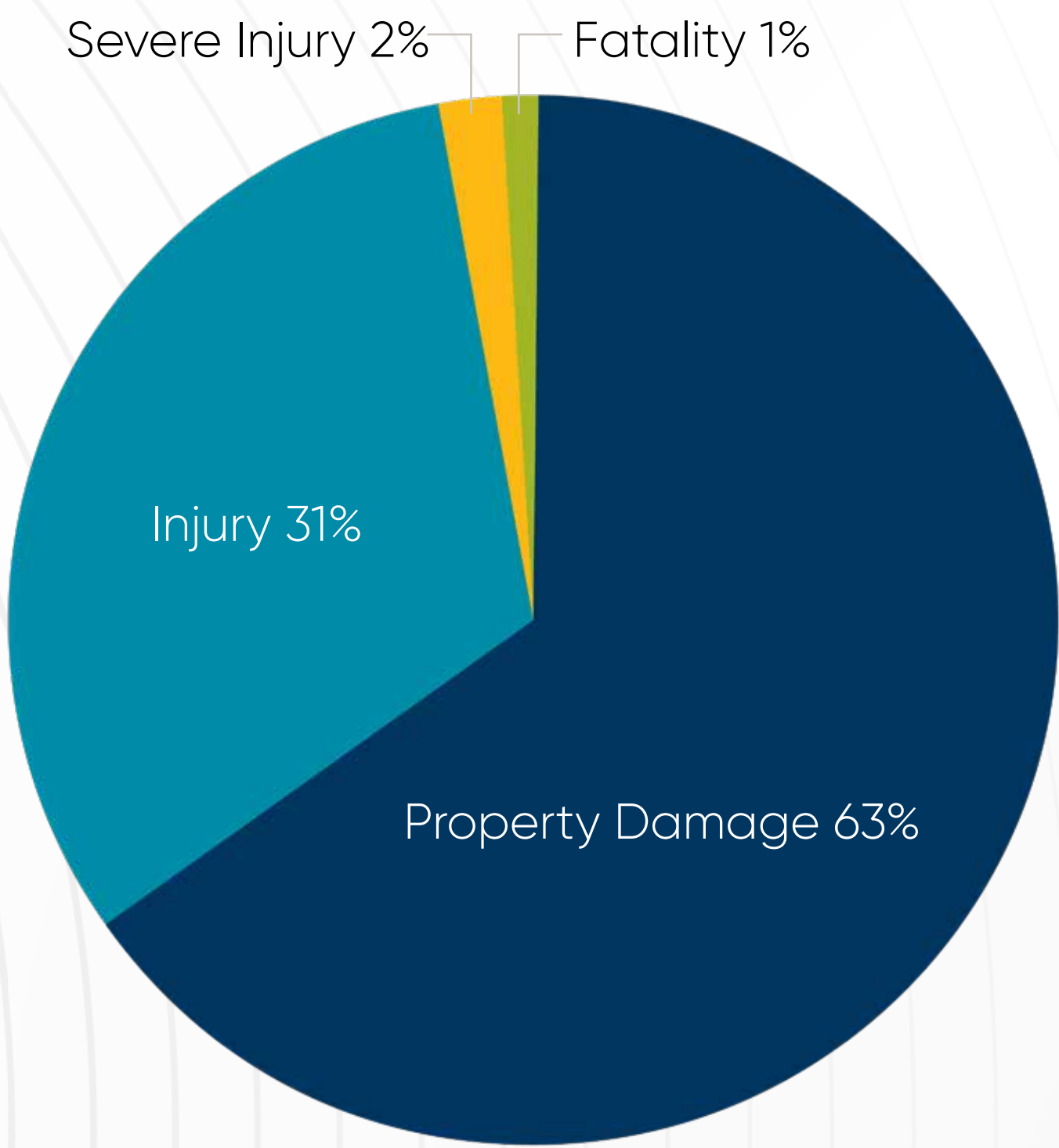
Evaluation Process & Historical Crash Severity Distribution

- 1 Collect Data & Identify Crash Patterns/ Areas of Concentration
- 2 Evaluate Crash Types & Crash Conditions for the Areas of Concentration
- 3 Identify Possible Crash Mitigation Options
- 4 Develop Recommendations to Mitigate Safety Concerns

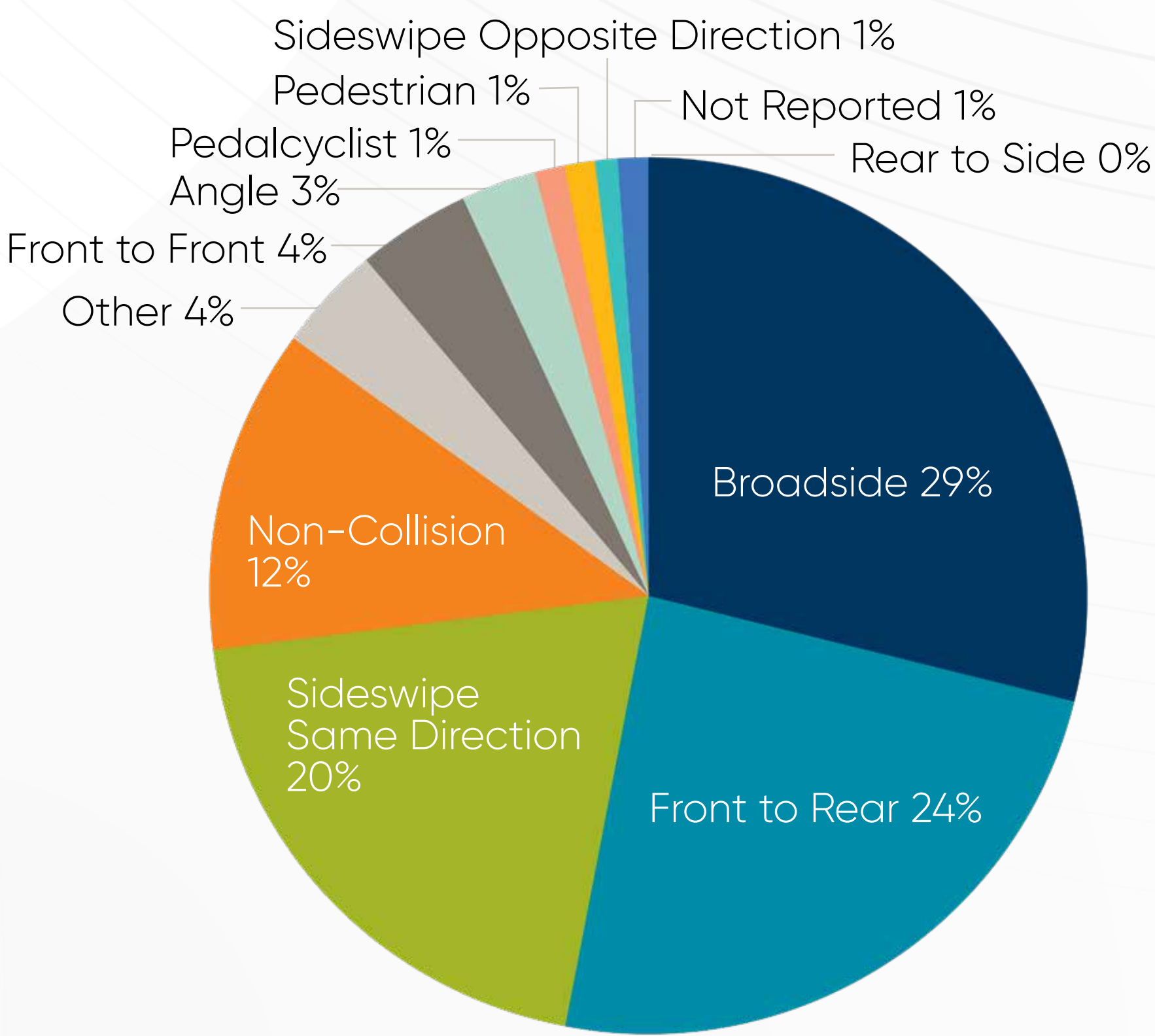


Centennial Bridge Safety Performance Study

Crashes by Severity
(Iowa) 2020-2024



Crash Type
(Iowa) 2020-2024

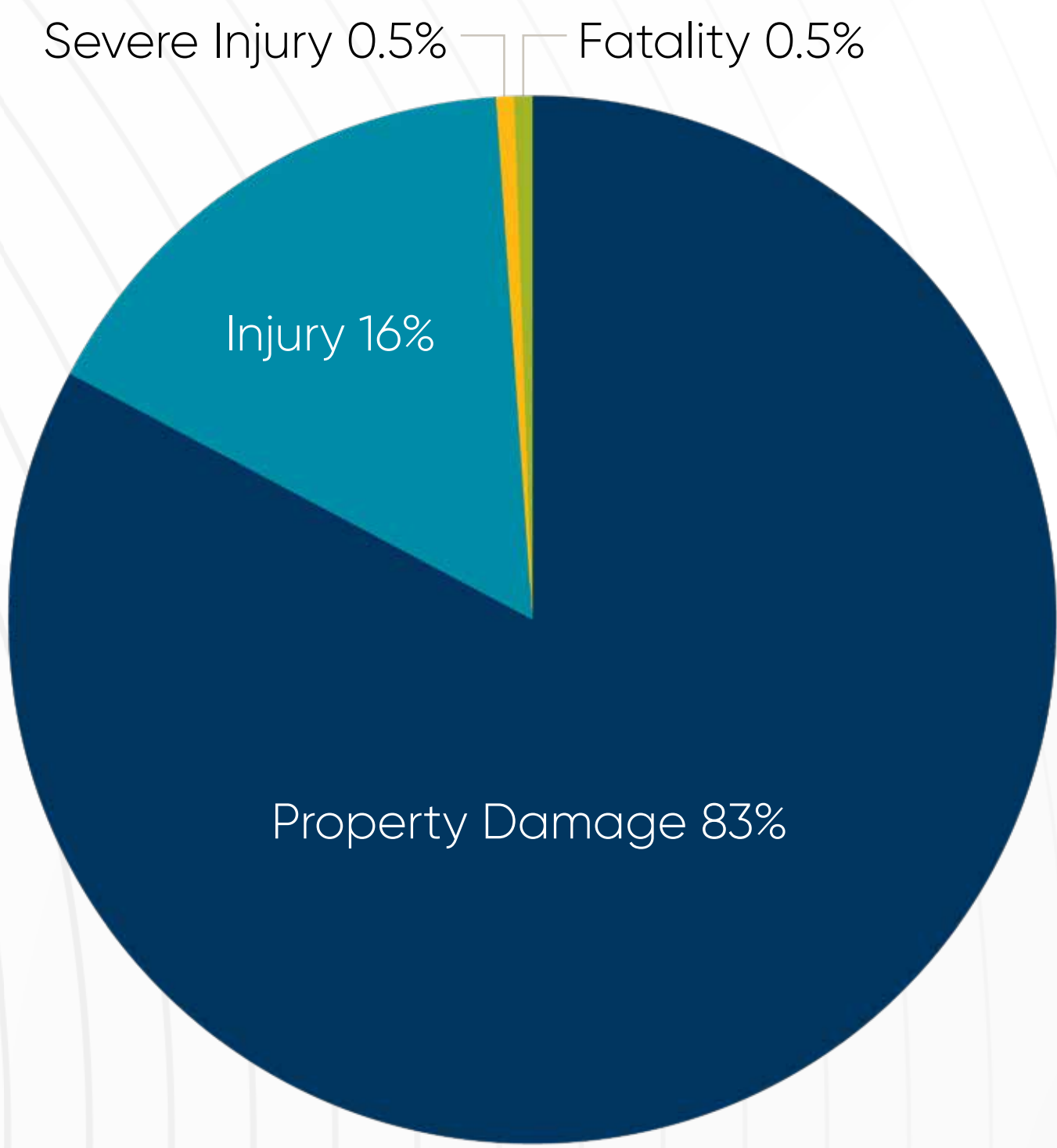


Crash Location Density Map

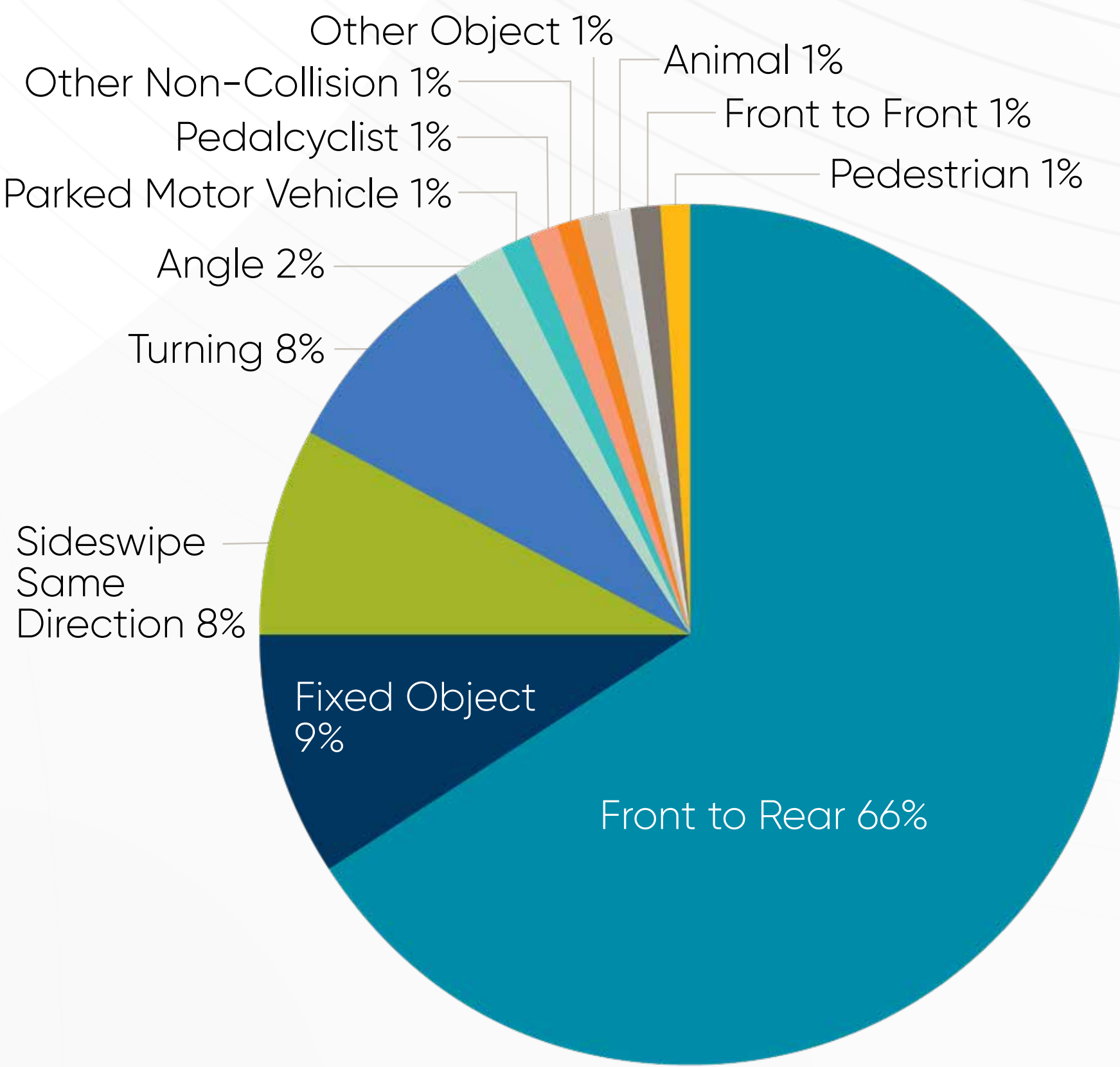


Centennial Bridge Safety Performance Study

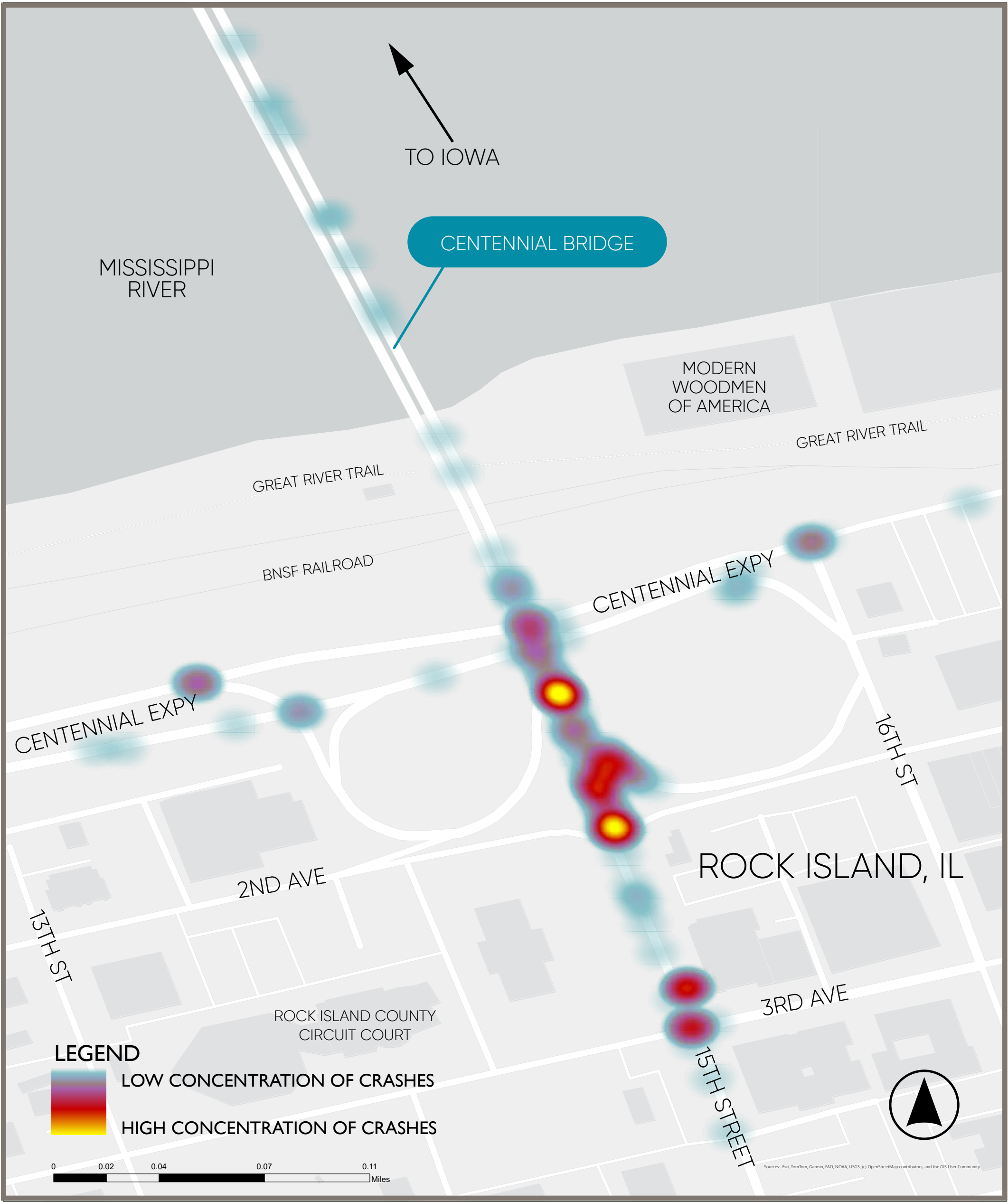
Crashes by Severity
(Illinois) 2019-2023



Crash Type
(Illinois) 2019-2023



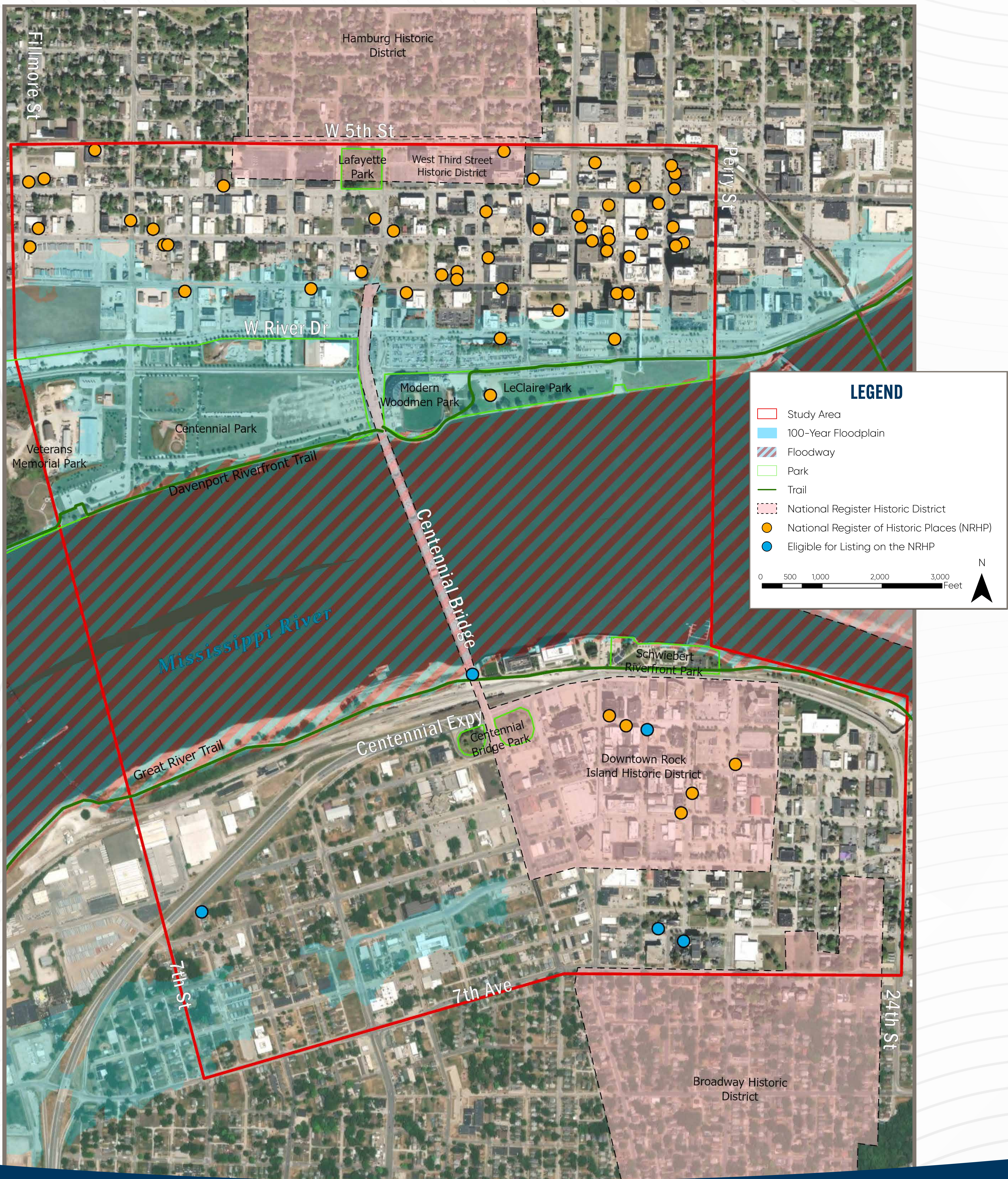
Crash Location Density Map



Existing Mass Transit Network



Environmental Resources



Section 106 and Section 4(f)

US 67 (Centennial Bridge) Corridor Project

Section 106 of the National Historic Preservation Act

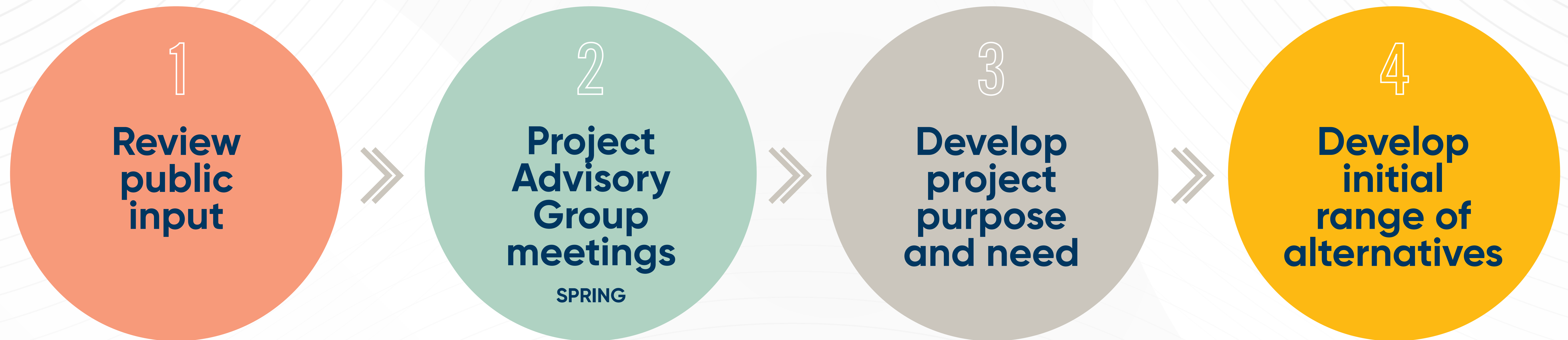
- Consider the effects of federally funded projects on historic properties.
- Identify historic properties, assess the effects and explore alternatives to avoid, minimize, or mitigate adverse effects.

Section 4(f) Properties

- Publicly-owned public parks, recreational areas of national, state, or local significance, wildlife or waterfowl refuges; or lands from a historic site of national, state, or local significance.
- Determine that there is no feasible and prudent alternative to avoid the Section 4(f) properties.
- Includes all possible planning to minimize harm to the Section 4(f) properties.



Next Steps



We Need Your Input!

VISIT  CENTENNIALBRIDGE.COM

to learn more, submit comments, and stay updated.

COMMENT FORM

YOUR VOICE MATTERS! Share your thoughts, experiences, and the kind of improvements you want to see.

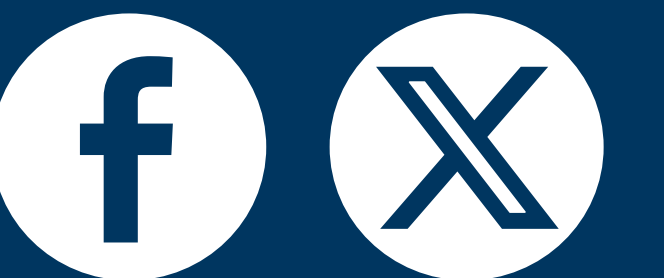
Comments received by May 1 will become part of the official meeting record.

FILL OUT A COMMENT FORM HERE TODAY, OR TAKE IT WITH YOU AND MAIL IT.

COMMENT HERE



FOLLOW US!



We Want Your Input!

What issues or concerns do you have within the project study corridor?

Let us know what's important to you.

Use a sticky note to share your thoughts directly on the board or map.

