Allegheny County VISION zero
Zero Compromises on Safety For All

SPC | Pennsylvania Department of Transportation | Allegheny County



Zero Compromises on Safety For All

Allegheny County Comprehensive Safety Action Plan

Transportation Ops and Safety Forum | January 9, 2026

Safety Partners & Steering Committee

ALLEGHENY COUNTY
ALWAYS INSPIRING

THE SEAL OF THE CITY OF PITTSBURGH - 1816 - BENIGNO NUMINE -

SOUTHWESTERN PENNSYLVANIA COMMISSION
SPC

pennsylvania
DEPARTMENT OF TRANSPORTATION

PRT
Pittsburgh Regional Transit

What is a Safety Action Plan?

Safety Action Plan Components

- Leadership commitment of target goal
- Planning structure
- Safety analysis
- Engagement and collaboration
- Policy review
- Strategy and project selections
- Progress tracking and transparency

Safety Action Plan Benefits

- Uses data to support better decision-making
- Leads to safer outcomes for everyone
- Makes the most of available funding
- Fosters agreement and trust among community members, stakeholders, and roadway owners

To qualify for implementation funding through the Safe Streets for All (SS4A) program, an approved safety action plan must be in place.

A Safe System Approach



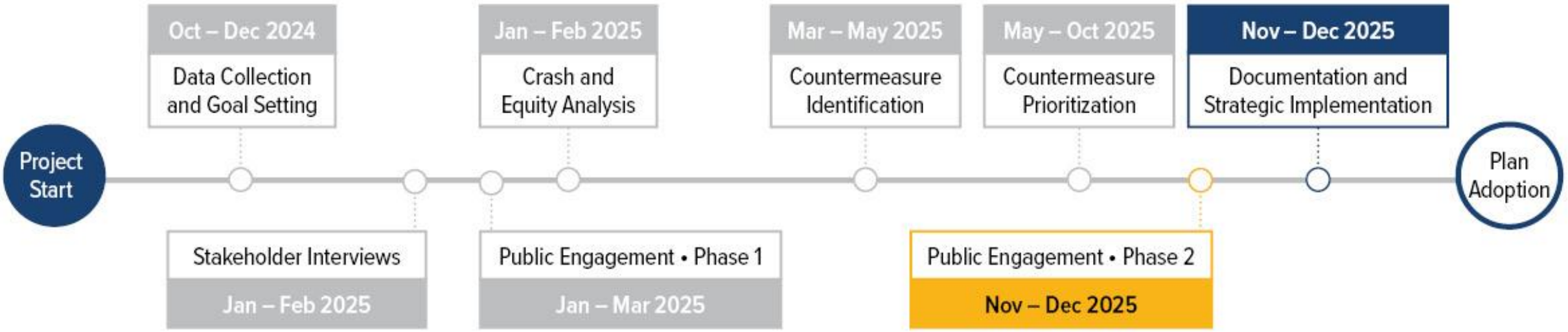
Vision Zero

Goal: Reducing traffic fatalities and serious injury crashes to zero.

How We Get There: A Safe System Approach

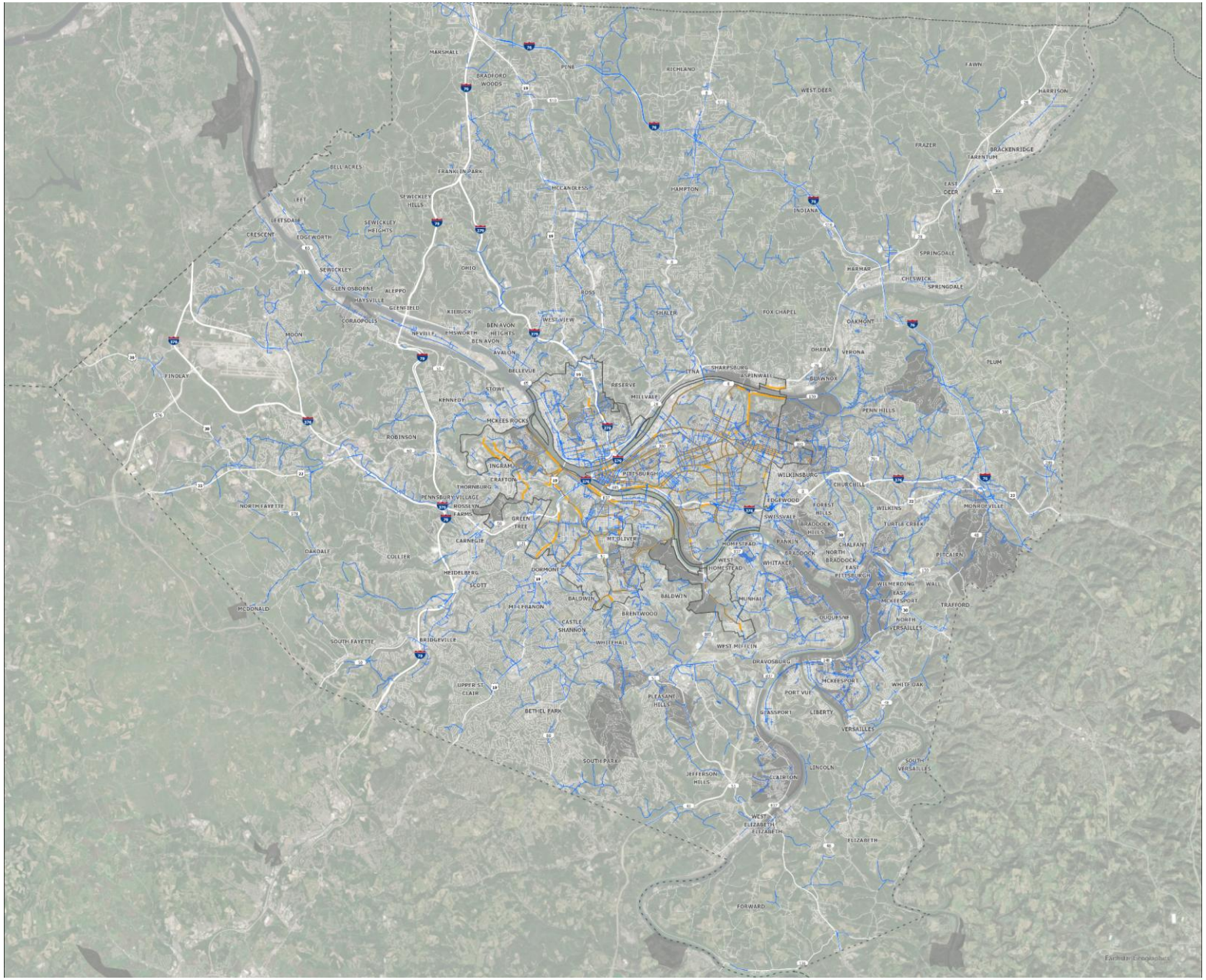
TRADITIONAL APPROACH		VISION ZERO
Traffic deaths are **INEVITABLE**	VS	Traffic deaths are **PREVENTABLE**
PERFECT human behavior		Integrate **HUMAN FAILING** in approach
Prevent **COLLISIONS**		Prevent **FATAL** and **SERVERE CRASHES**
INDIVIDUAL repsonsibility		**SYSTEMS** approach
Saving lives is **EXPENSIVE**		Saving lives is **NOT EXPENSIVE**

Project Schedule



Key Findings

- The **High Injury Network** makes up only **16%** of road miles in Allegheny County, but accounts for over **75%** of all fatal and serious injury crashes.
- Pedestrian, speeding, lane-departure, no-seatbelt, impaired-driving, and motorcycle crashes are disproportionately represented.

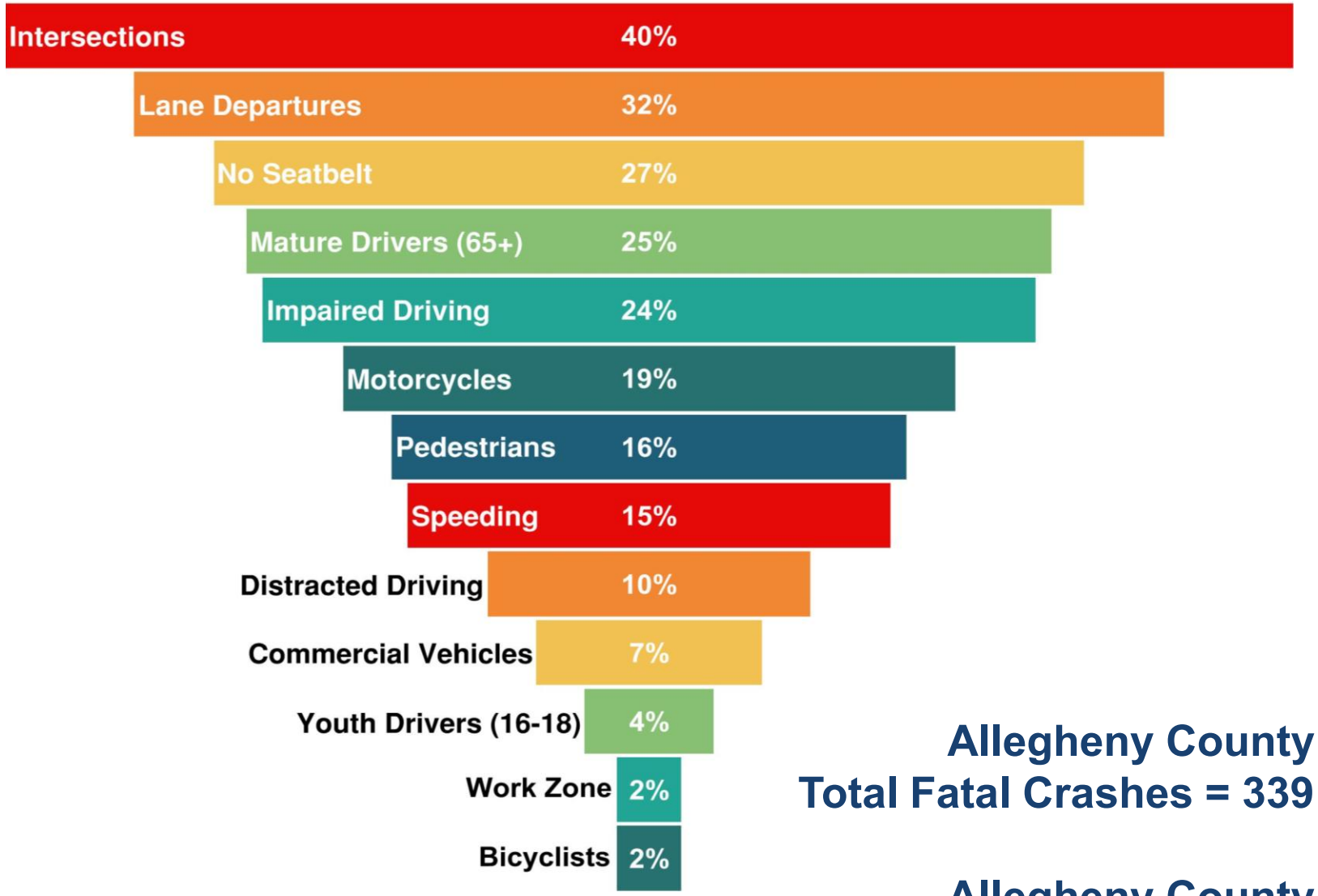


Safety Emphasis Areas

Safety Emphasis Areas hold the greatest potential for reducing fatalities and serious injuries in transportation.

– PA Strategic Highway Safety Plan

Overall Fatal and Serious Injury Crashes in Allegheny County



Allegheny County
Total Fatal Crashes = 339

Allegheny County
Total Serious Injury Crashes = 1,757

2019 - 2023 data, non-Interstate public roadways

Phase 1 Engagement Recap

FEEDBACK TOOLS

Online Safety Survey
349 responses

Interactive Map
862 location-based comments

General Comments
57 submissions

ENGAGEMENT

Public Meetings
4 open houses
3 outreach events

Stakeholder Input
10+ interviews
with agencies, nonprofits, first responders, and community leaders

DIGITAL

Website Visitors
2,400+

Social Media Reach
Over 3,700 impressions
across four platforms

View Feedback from the Interactive Engagement Map:

https://bit.ly/AlleghenyCountyVisionZero

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What We Heard



- Dangerous intersections and poor signal timing
- Speeding, aggressive driving, failure to yield
- Lack of pedestrian and cyclist protections
- Distracted driving and limited enforcement
- Inadequate sidewalks, bike lanes, and lighting



- Better pavement conditions and signage
- Lower speed limits and narrower lanes
- More traffic calming (e.g., speed bumps, curb bump-outs)
- Safer crosswalks, protected bike lanes, and sidewalks
- Improved intersection design
- Stronger enforcement and public education campaigns

Safety Action Plan Outcomes

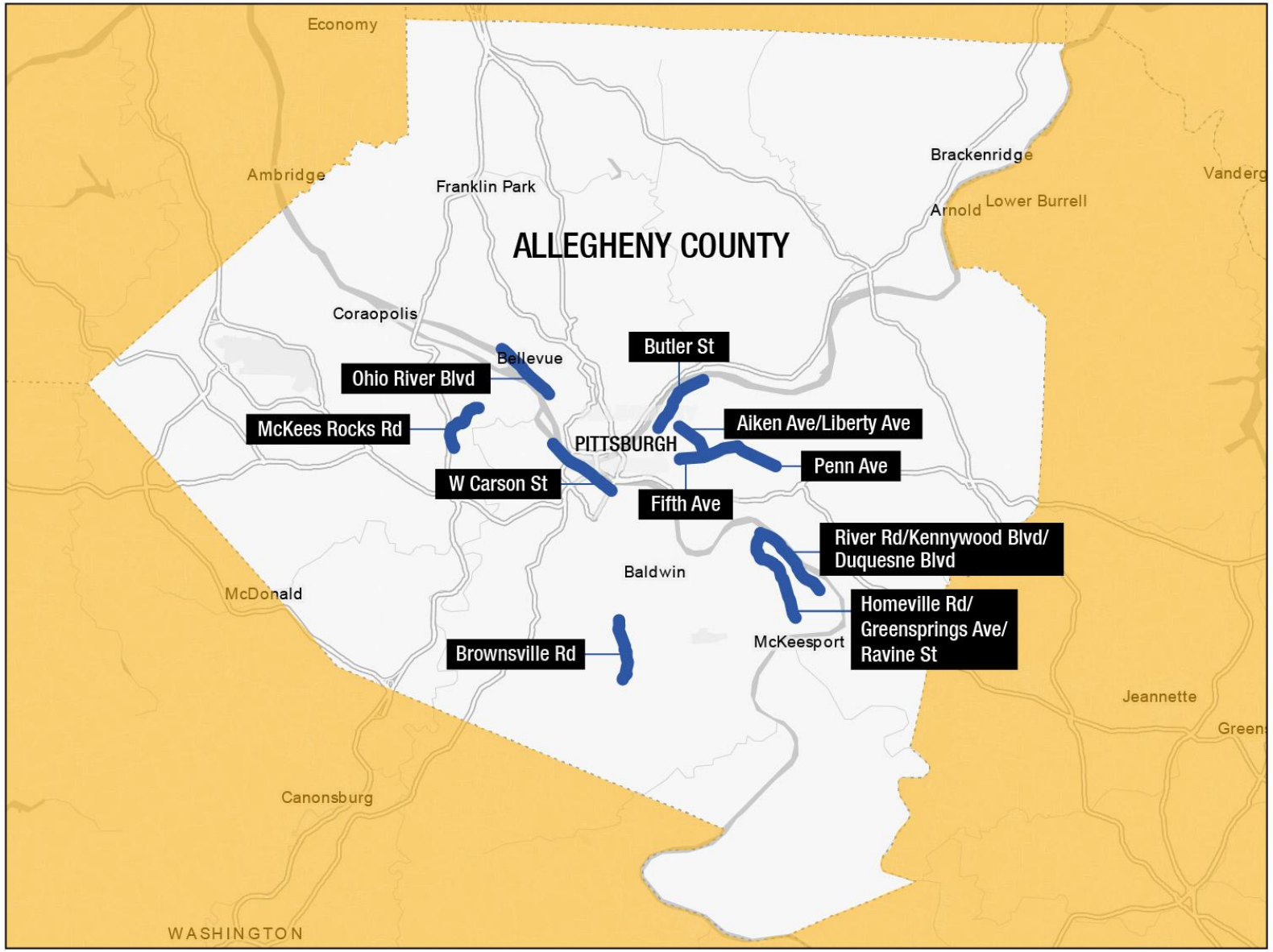
- Policy and Process Review
- Strategies
- Countywide Systemic Solutions
- Location-Specific Corridor Projects



Corridor Selection



Ten Priority Corridors



Corridors in the City of Pittsburgh



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Fifth Avenue

CORRIDOR CHARACTERISTICS

- Location: Bellefield Avenue to Penn Avenue
- Length: 2.2 miles
- Municipality: Pittsburgh
- Road Owner: City of Pittsburgh

CRASH AND SEVERITY DATA (2019-2023)

351
Total Crashes

15
Fatal and Serious Injury Crashes

35
Vulnerable Road Users Crashes

PROPOSED SAFETY IMPROVEMENTS

- Access Management
- Advance Warning Signage
- Crosswalk Installation
- Curb-Bulbouts Installation
- Intersection 3-Way Crosswalk
- Intersection 4-Way Crosswalk
- Intersection Alignment
- Lighting Improvements
- Mid-Block Crossing (further study)
- Pedestrian Refuge
- Pedestrian Signals
- Protected Bike Lane (further study)
- Rapid Flashing Beacons
- Remove Slip Access
- Signal Backplates
- Targeted Enforcement Sign
- Transit Shelters
- Wayfinding
- Widen Sidewalk



Aiken Avenue and Liberty Avenue

CORRIDOR CHARACTERISTICS

- Location: Fifth Avenue to Bloomfield Bridge
- Length: 1.5 miles
- Municipality: Pittsburgh
- Road Owner: City of Pittsburgh

CRASH AND SEVERITY DATA (2019-2023)

128
Total Crashes

5
Fatal and Serious Injury Crashes

24
Vulnerable Road Users Crashes

PROPOSED SAFETY IMPROVEMENTS

- Access Management
- Bike Box
- Crosswalk Installation
- Curb-Bulbouts Installation
- Intersection 3-Way Crosswalk
- Intersection 4-Way Crosswalk
- Lighting Improvements
- Pedestrian Signals
- Protected Bike Lane
- Rapid Flashing Beacons
- Remove Slip Access
- Sight Lines
- Signal Backplates
- Transit Shelters
- Wayfinding



Penn Avenue (SR 0008)

CORRIDOR CHARACTERISTICS

- Location: Fifth Avenue to Hay Street
- Length: 1.6 miles
- Municipality: Pittsburgh, Wilkinsburg
- Road Owner: PennDOT

CRASH AND SEVERITY DATA (2019-2023)

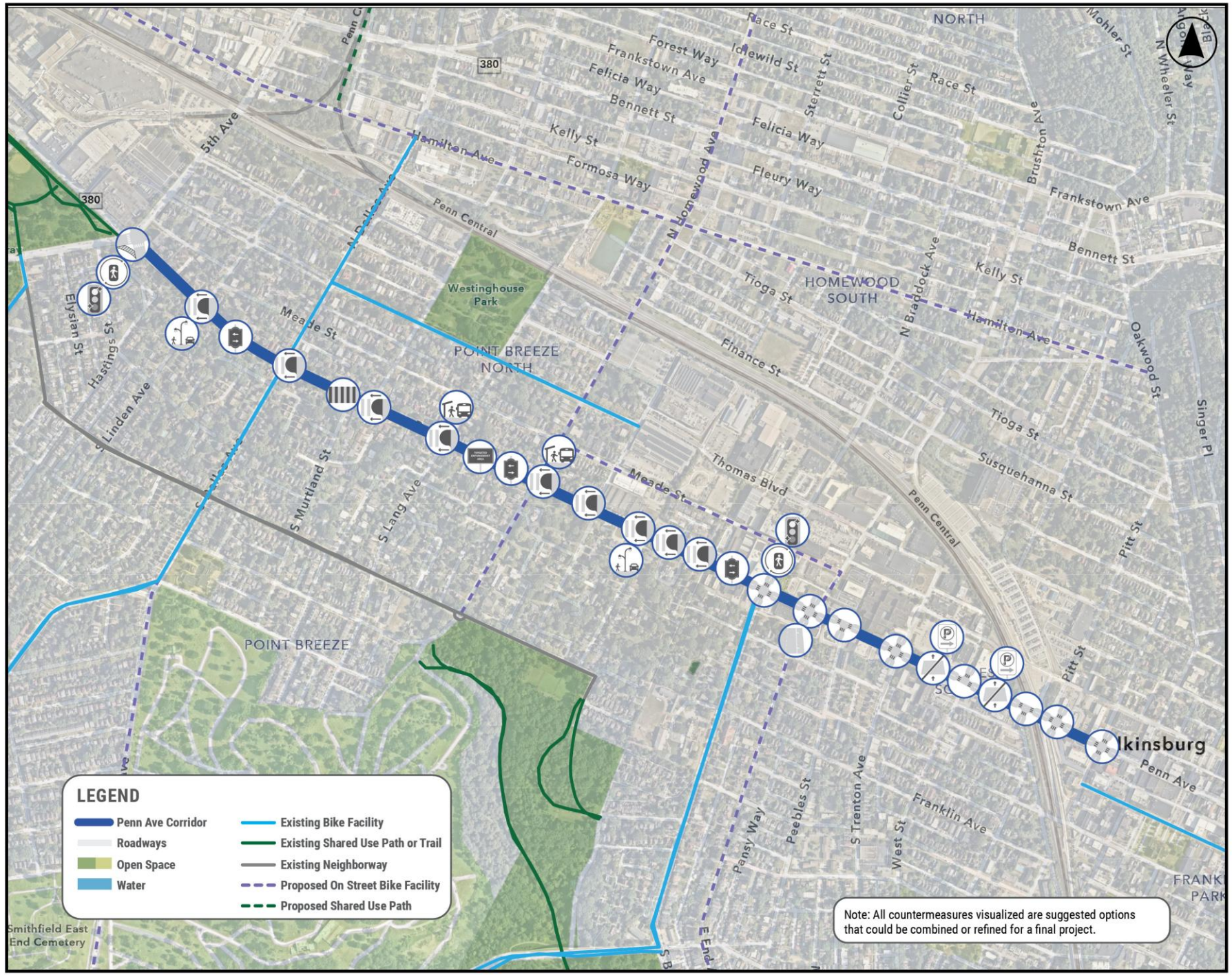
283
Total Crashes

7
Fatal and Serious Injury Crashes

10
Vulnerable Road Users Crashes

PROPOSED SAFETY IMPROVEMENTS

- Access Management
- Crosswalk Installation
- Curb-Bulbouts Installation
- Intersection 3-Way Crosswalk
- Intersection 4-Way Crosswalk
- Lighting Improvements
- Parking Restriction Signage
- Pavement Markings
- Pedestrian Signals
- Signal Backplates
- Targeted Enforcement Sign
- Transit Shelters
- Wayfinding



Butler Street (SR 2122)

CORRIDOR CHARACTERISTICS

- Location: 34th Street to 62nd Street Bridge (SR 0008)
- Length: 2.5 miles
- Municipality: Pittsburgh
- Road Owner: PennDOT

CRASH AND SEVERITY DATA (2019-2023)

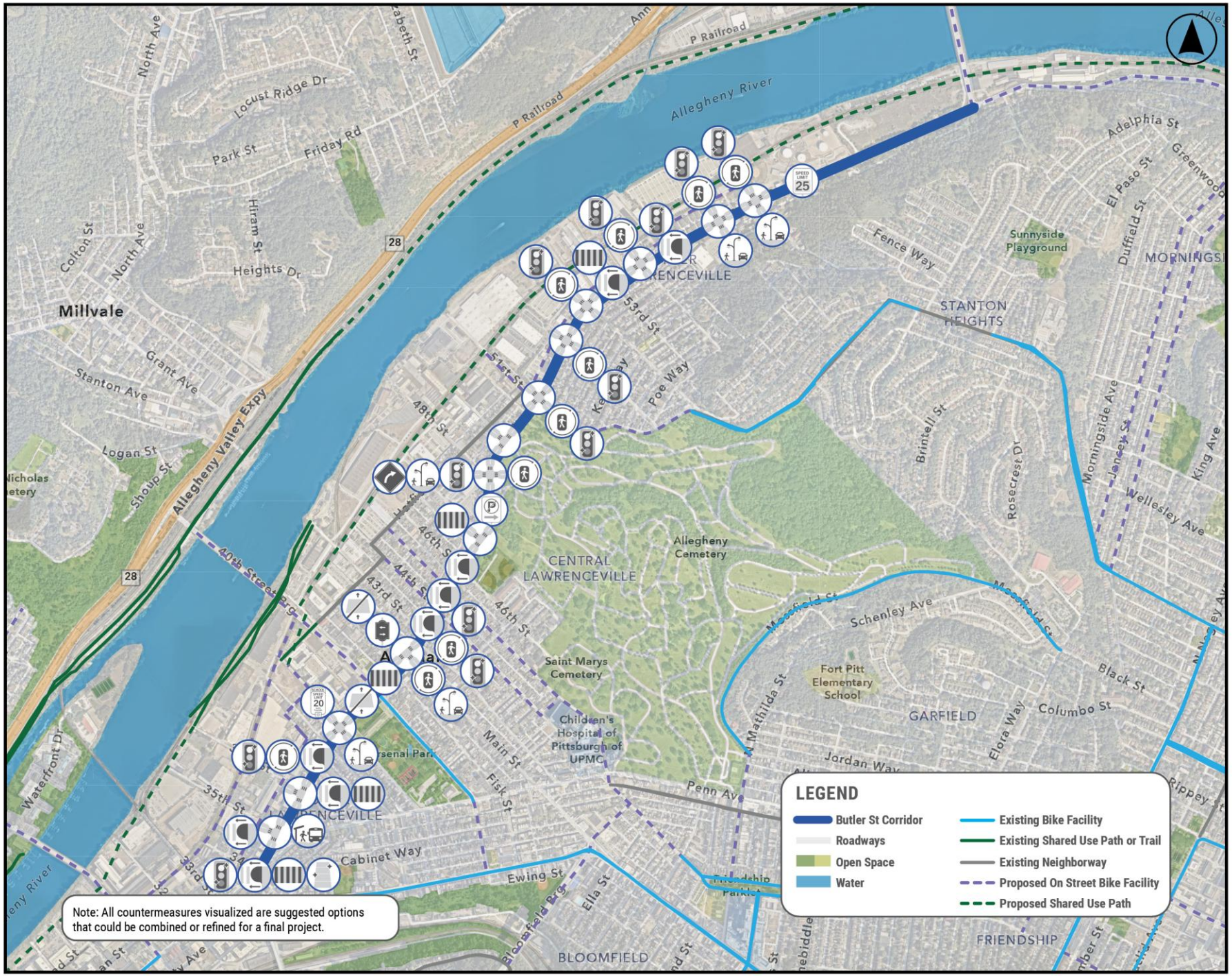
208
Total Crashes

4
Fatal and Serious Injury Crashes

28
Vulnerable Road Users Crashes

PROPOSED SAFETY IMPROVEMENTS

- Access Management
- Crosswalk Installation
- Curb-Bulbouts Installation
- Curve Warning Signs
- Intersection 3-Way Crosswalk
- Intersection 4-Way Crosswalk
- Lighting Improvements
- New Sidewalk
- Parking Restriction Signage
- Pedestrian Signals
- School Zone Signage
- Signal Backplates
- Transit Shelters
- Variable Speed Signage
- Wayfinding



W Carson Street (SR 0051/SR 0837) and Arlington Avenue

CORRIDOR CHARACTERISTICS

- Location: P.J. McArdle Roadway to Corliss Street
- Length: 2.8 miles
- Municipality: Pittsburgh
- Road Owner: PennDOT

CRASH AND SEVERITY DATA (2019-2023)

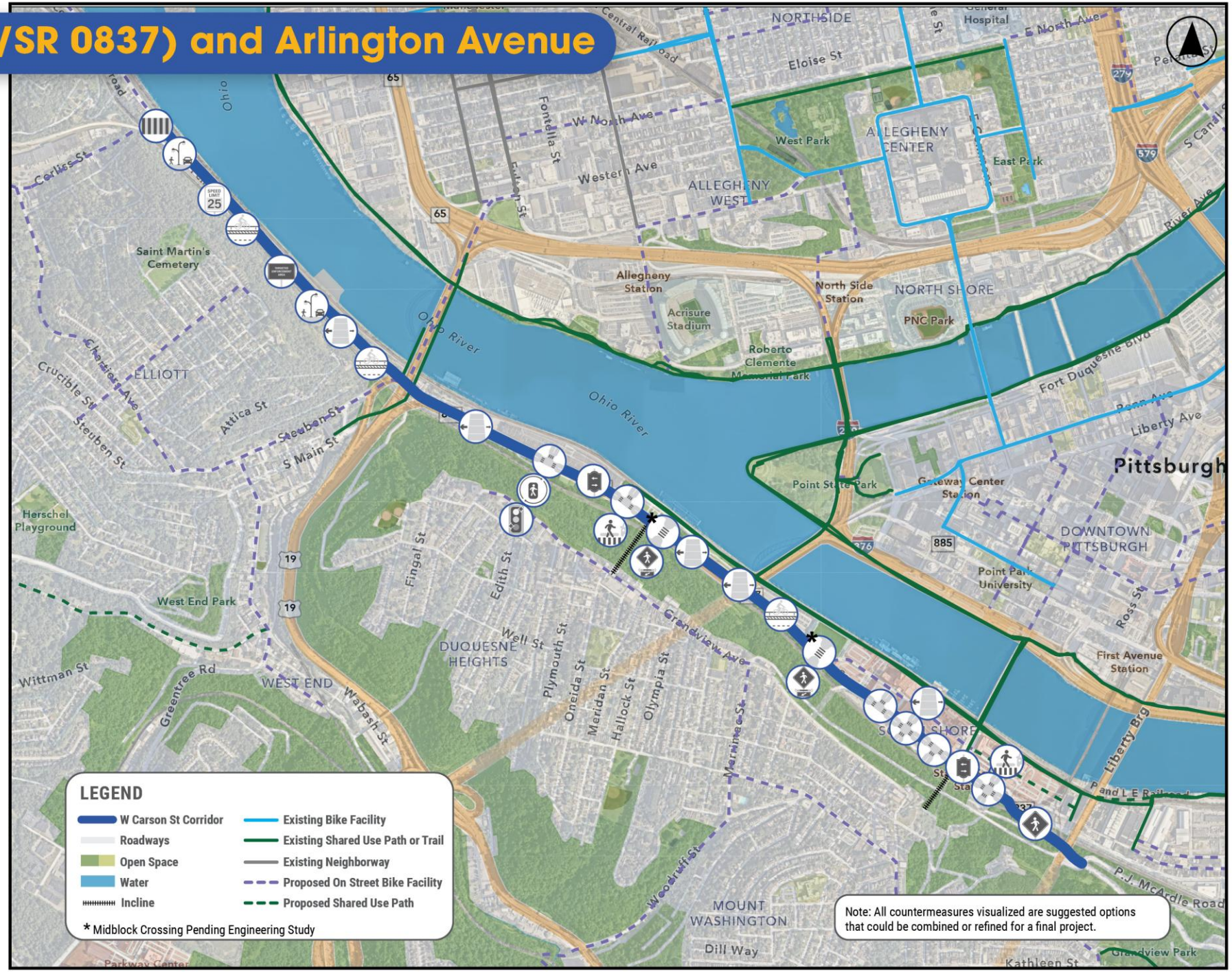
303
Total Crashes

18
Fatal and Serious Injury Crashes

4
Vulnerable Road Users Crashes

PROPOSED SAFETY IMPROVEMENTS

- Advance Warning Signage
- Crosswalk Installation
- Intersection 3-Way Crosswalk
- Intersection 4-Way Crosswalk
- Lighting Improvements
- Mid-block Crossing (further study)
- New Sidewalk
- Pedestrian Refuge
- Pedestrian Signals
- Protected Bike Lane (further study)
- Rapid Flashing Beacons
- Signal Backplates
- Targeted Enforcement Sign
- Variable Speed Signage
- Wayfinding
- Widen Sidewalk



Ohio River Boulevard (SR 0065)

CORRIDOR CHARACTERISTICS

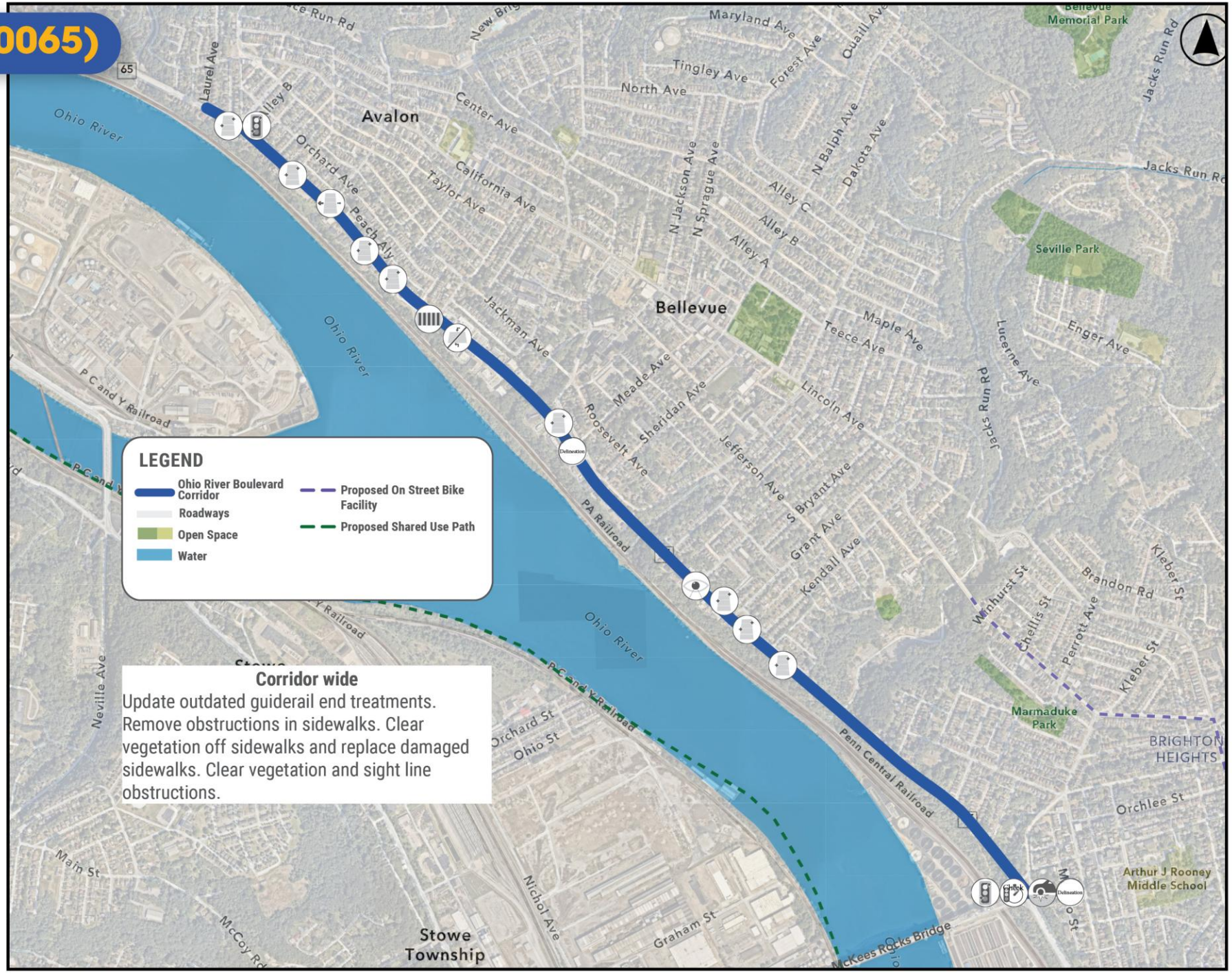
- Location: McKees Rocks Bridge (SR 3104) to Laurel Avenue
- Length: 2.4 miles
- Municipality: Avalon, Bellevue, Ben Avon, Pittsburgh
- Road Owner: PennDOT

CRASH AND SEVERITY DATA (2019-2023)

360	16	3
Total Crashes	Fatal and Serious Injury Crashes	Vulnerable Road Users Crashes

PROPOSED SAFETY IMPROVEMENTS

- Access Management
- Advance Warning Signage
- Clearance Interval Times
- Crosswalk Installation
- Delineation
- High Friction Surface Treatment
- New Sidewalk
- Pavement Markings
- Sight Lines
- Signal Backplates
- Wayfinding
- Widen Sidewalk



Corridors Outside the City of Pittsburgh



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McKees Rocks Road and Lorish Road

CORRIDOR CHARACTERISTICS

- Location: Steubenville Pike (SR 0060) to Heckel Road
- Length: 2.1 miles
- Municipality: Kennedy, McKees Rocks, Robinson
- Road Owner: Allegheny County

CRASH AND SEVERITY DATA (2019-2023)

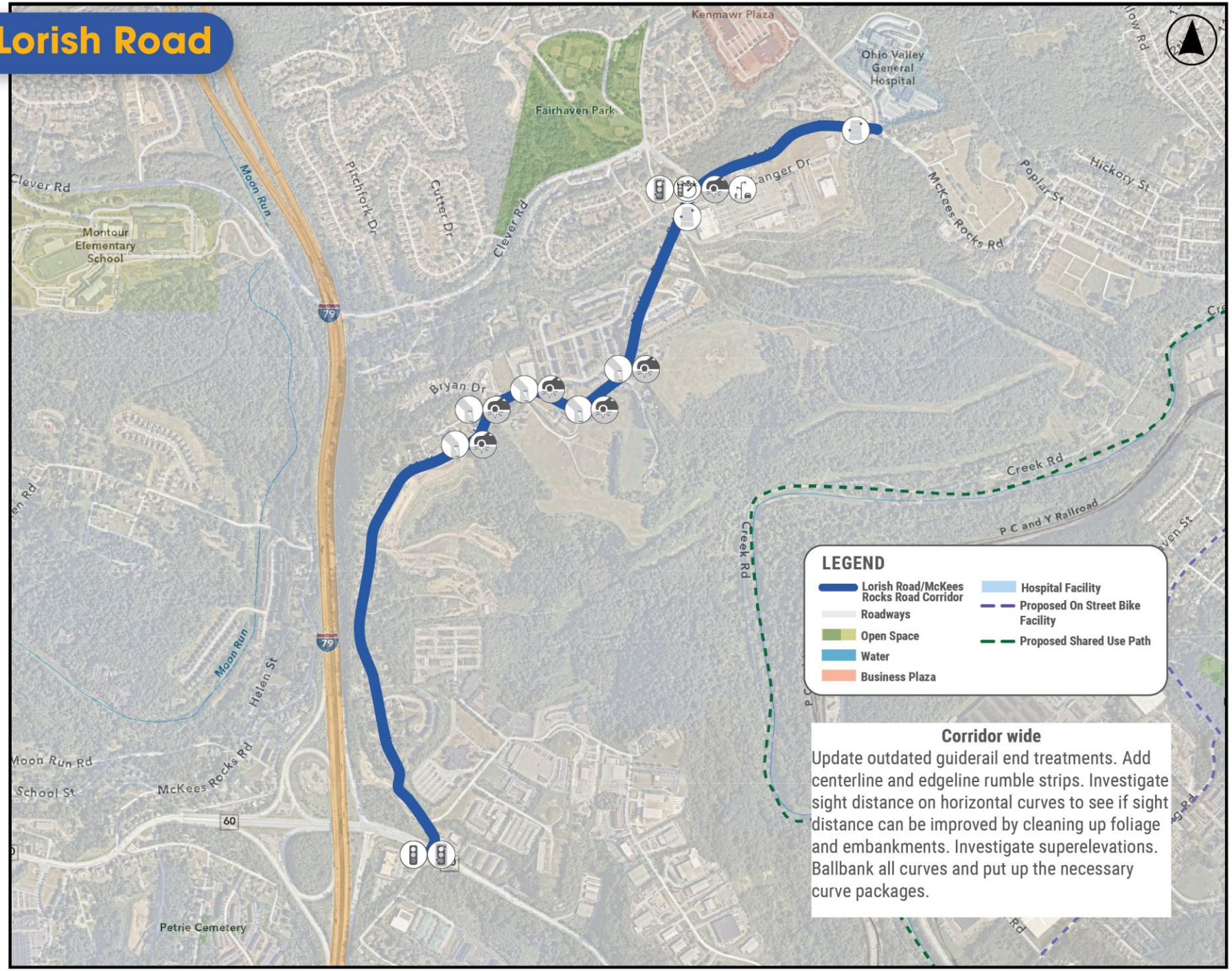
105
Total Crashes

10
Fatal and Serious Injury Crashes

2
Vulnerable Road Users Crashes

PROPOSED SAFETY IMPROVEMENTS

- All-Way Stop Control
- Clearance Interval Times
- Curve Warning Signs
- Delineation
- High Friction Surface Treatment
- Left-Turn Protective Phasing
- Lighting Improvements
- New Sidewalk
- Pavement Markings
- Sight Lines
- Signal Backplates
- Slow Pavement Markings



Homeville Road, Greensprings Avenue, and Ravine Street

CORRIDOR CHARACTERISTICS

- Location: Homestead Duquesne Road to 8th Avenue
- Length: 3.7 miles
- Municipality: Munhall, West Mifflin
- Road Owner: Allegheny County, Munhall Borough

CRASH AND SEVERITY DATA (2019-2023)

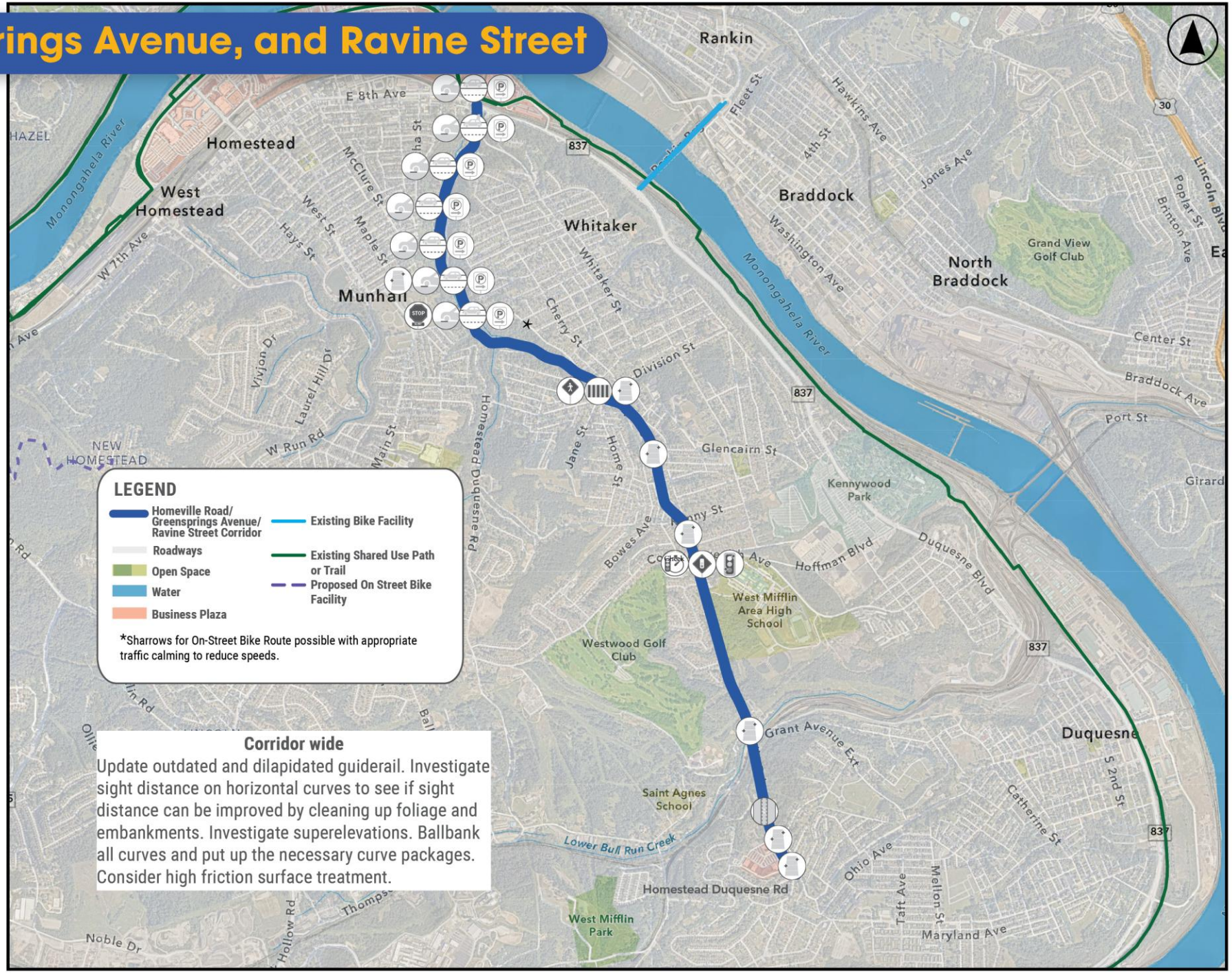
82
Total Crashes

6
Fatal and Serious Injury Crashes

1
Vulnerable Road Users Crashes

PROPOSED SAFETY IMPROVEMENTS

- Advance Warning Signage
- All-Way Stop Control
- Clearance Interval Times
- Crosswalk Installation
- Curve Warning Signs
- Delineation
- High Friction Surface Treatment
- Install Signal Ahead Warning Sign
- New Sidewalk
- Paint Parking Lane Line
- Parking Restriction Signage
- Sight Lines
- Signal Backplates
- Speed Table
- Two-Way Center Left-Turn Lane (limited locations)



Brownsville Road

CORRIDOR CHARACTERISTICS

- Location: Broughton Road to Baptist Road
- Length: 2.3 miles
- Municipality: Baldwin, South Park, Whitehall
- Road Owner: Allegheny County

CRASH AND SEVERITY DATA (2019-2023)

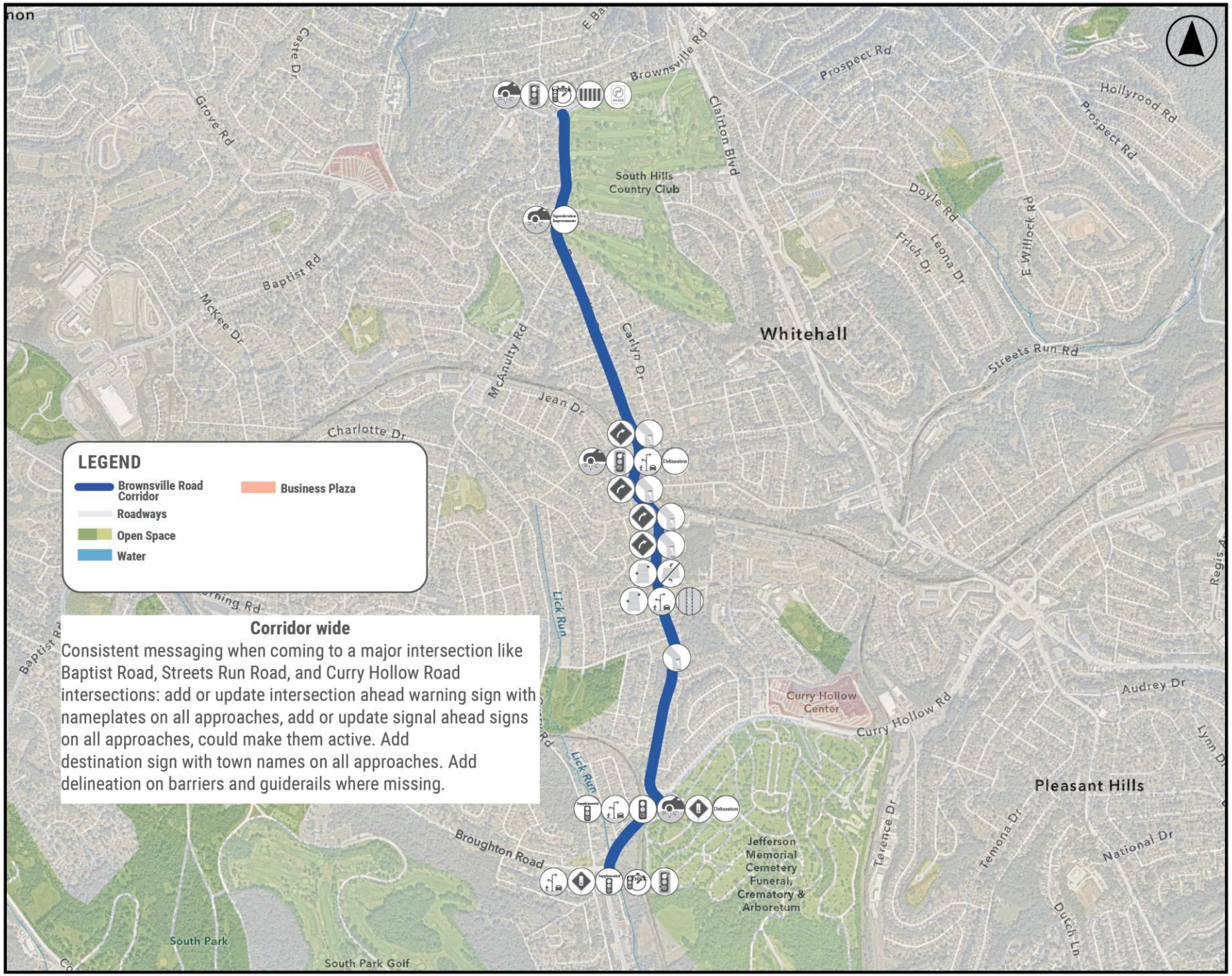
150
Total Crashes

7
Fatal and Serious Injury Crashes

2
Vulnerable Road Users Crashes

PROPOSED SAFETY IMPROVEMENTS

- Access Management
- Clearance Interval Times
- Crosswalk Installation
- Curve Warning Signs
- Delineation
- High Friction Surface Treatment
- Improve Superelevation
- Install Signal Ahead Warning Sign
- Left-Turn Protective Phasing
- Lighting Improvements
- New Sidewalk
- No Turn on Red
- Signal Backplates
- Slow Pavement Markings
- Supplemental Signal Head
- Two-Way Center Left-Turn Lane (limited locations)
- Wayfinding



River Road / Kennywood Boulevard / Duquesne Boulevard

CORRIDOR CHARACTERISTICS

- Location: Ravine Street to Overland Avenue
- Length: 3.1 miles
- Municipality: Munhall, Whitaker, Duquesne, West Mifflin
- Road Owner: PennDOT

CRASH AND SEVERITY DATA (2019-2023)

267
Total Crashes

20
Fatal and Serious Injury Crashes

6
Vulnerable Road Users Crashes

PROPOSED SAFETY IMPROVEMENTS

- Clearance Interval Times
- Delineation
- Left-Turn Protective Phasing
- Lighting Improvements
- New Sidewalk
- Pavement Markings
- Sight Lines

