



MID-OHIO REGIONAL
MORPC
PLANNING COMMISSION

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info@morpc.org

ACTIVE TRANSPORTATION COMMITTEE MEETING

[December 8, 2020](#)
[2:00 PM – 4:00 PM](#)

AGENDA

- 1. Welcome and Logistics (5 min)**
- 2. Pedestrian Safety (55 min)**
 - a. Discussion with Angie Schmitt
 - b. Central Ohio Update
- 3. ATP Update (25 min)**
 - a. Project Status Update
 - b. Upcoming Milestones
- 4. ATC Updates (10 min)**
 - a. Committee Role Clarification
 - b. Action Plan Implementation
- 5. Other Updates & Announcements (20 min)**
 - a. LinkUS Update
 - b. MORPC-Attributable Funding Update
 - c. Poll Activity / Survey
- 6. Other (5 min)**

NEXT MEETING
Tuesday, January 26
9 am to 11am

Active Transportation Committee

December 8, 2020

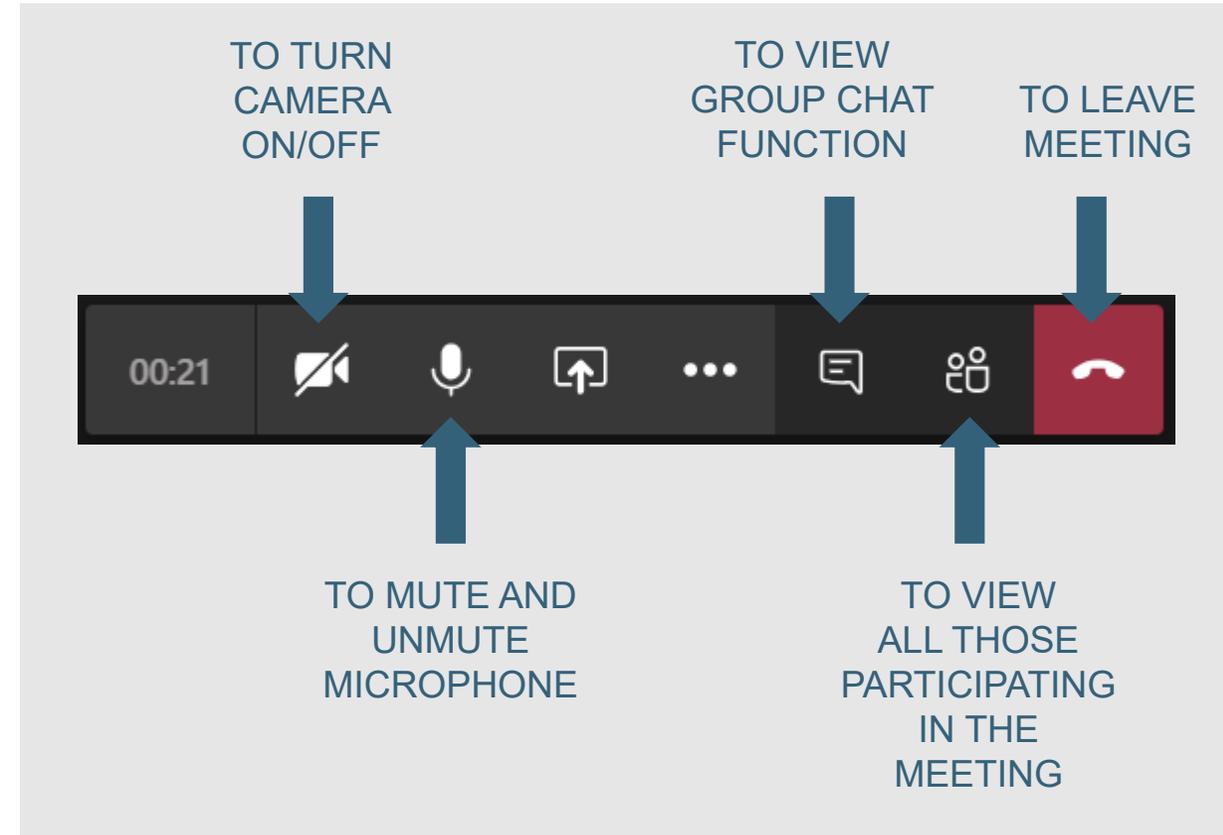


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WELCOME!

The meeting will begin shortly.

- Please **mute** your microphone or telephone unless speaking.
- **If using a phone line** for audio: Mute the microphone on Teams and turn the volume all the way down on your computer (to reduce feedback and echoes).
You may need to press *6 to unmute yourself during the meeting.
- **Questions** can be input into the chat function.



Pedestrian Safety

Angie Schmitt



MID-OHIO REGIONAL
MORPC
PLANNING COMMISSION

Welcome Angie Schmitt!

- Long-time national editor at [Streetsblog](#)
- Founder of [3MPH Planning and Consulting](#)
- Author of [*Right of Way: Race, Class and the Silent Epidemic of Pedestrian Deaths in America*](#)



...hat will sit com-
...shelf next to Ralph
...t *Any Speed*, Schmitt
...tively researched study
...n of automobiles and
...of *Way* bravely exposes
...f public and political
...rd pedestrian safety."
...S REVIEWS

...m most
...ked by well-
...s, usually racialized
...What can I/we do as
...radication of pedestrian
...n low-income and minority
...merica?" My short answer
...importance of intentionality,
...rage to act expeditiously.
...to my list, "Follow Angie!"
...WN, Senior Researcher
...ssor, Voorhees Trans-
...center, Rutgers
...iversity

...tries have cars,
...s drive a lot, but no
...on succeeds quite
...ering its citizens with
...eason behind this fact
...our urban streets are
...ill. Nobody explains
...n Angie Schmitt!"
...author of *Walkable
...kable City Rules*

SCHMITT

RIGHT OF WAY



Race, Class, and the Silent Epidemic
of Pedestrian Deaths in America

RIGHT OF WAY

ANGIE SCHMITT

FOREWORD BY CHARLES T. BROWN

3MPH
PLANNING + CONSULTING



- History
- Who
- Where
- CARS!
- Solutions

Cleveland (Euclid Avenue) 1930



Cleveland Memory Project

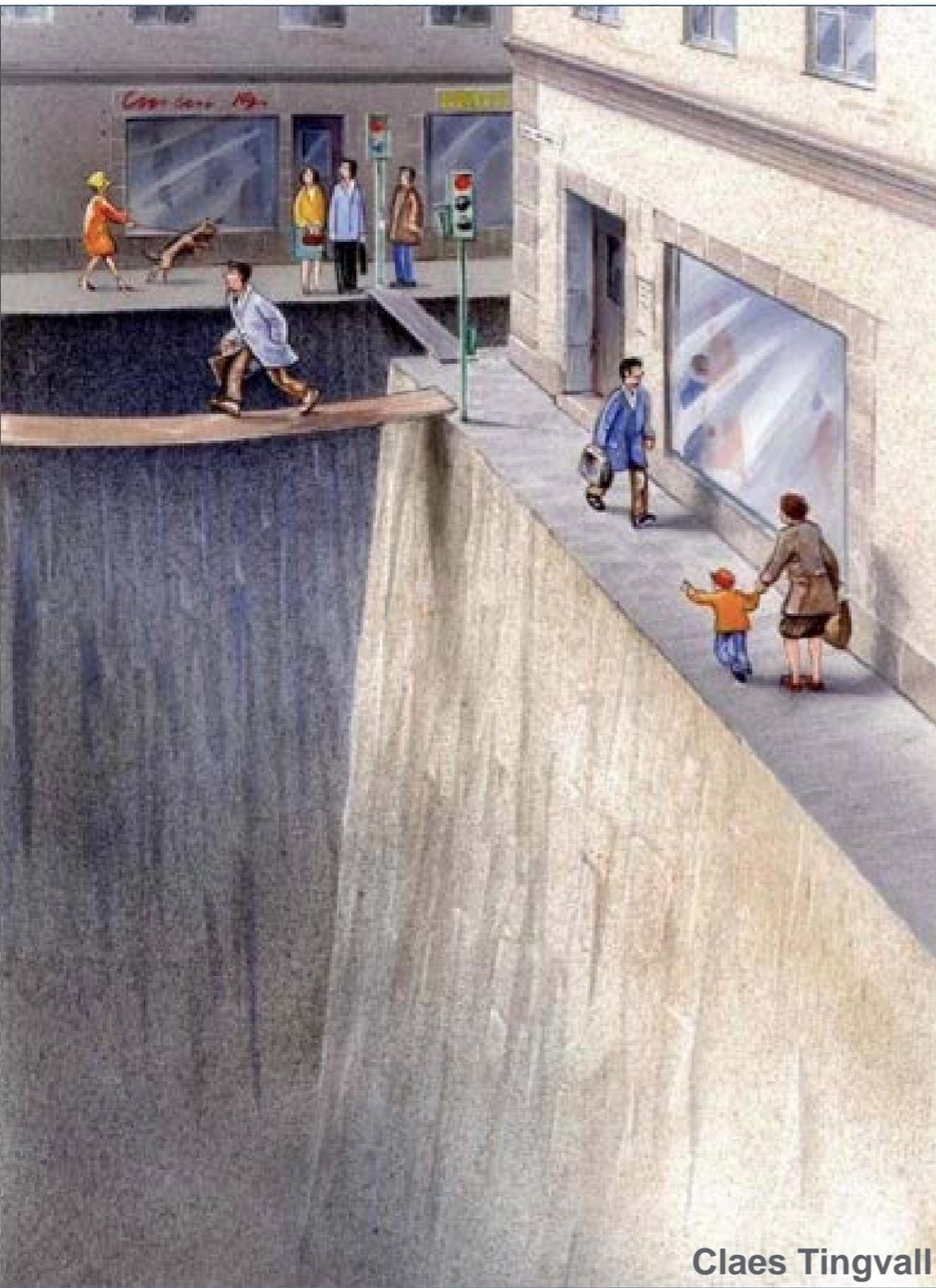


Cleveland 1946

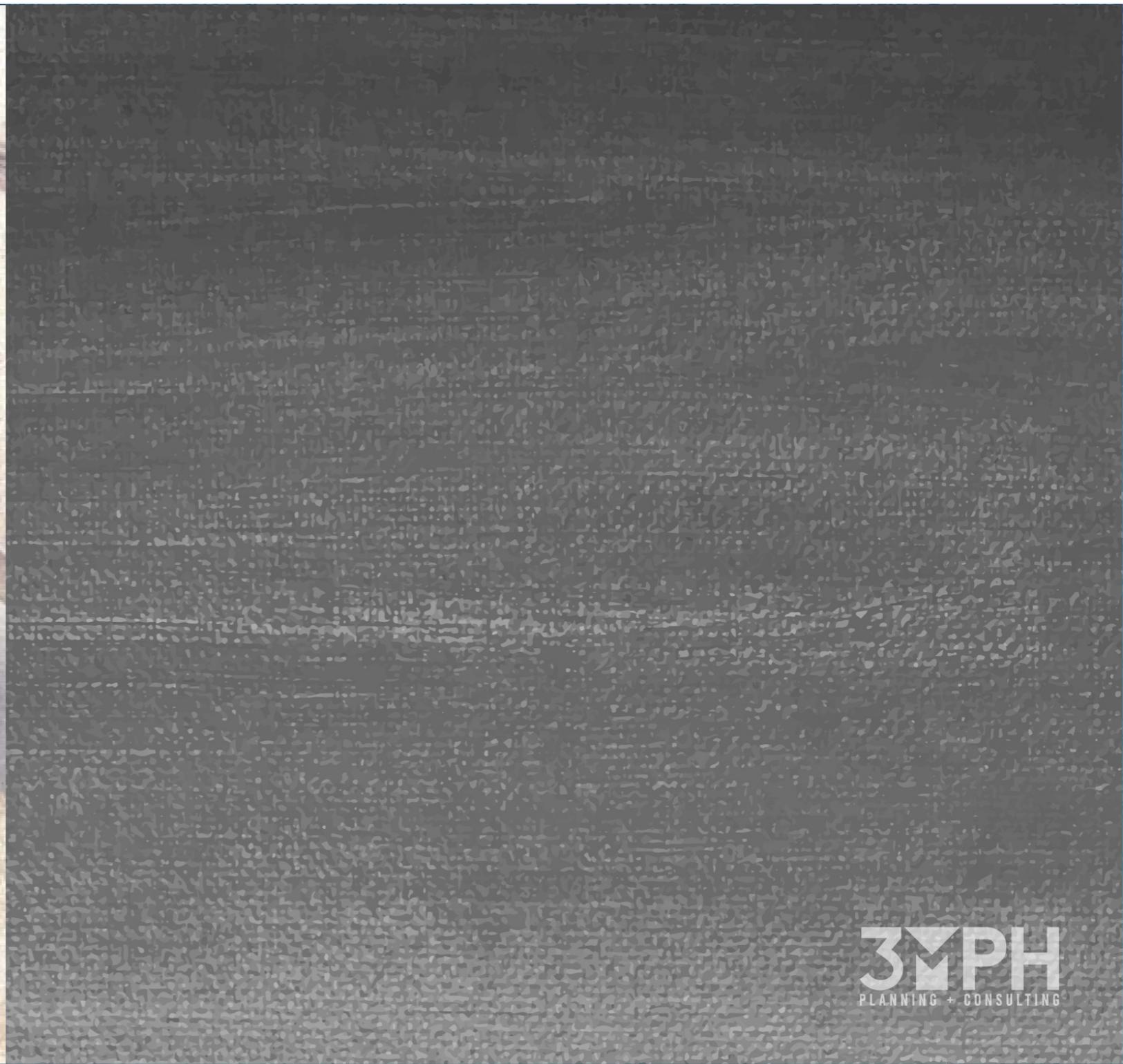


Cleveland Memory Project

3MPH
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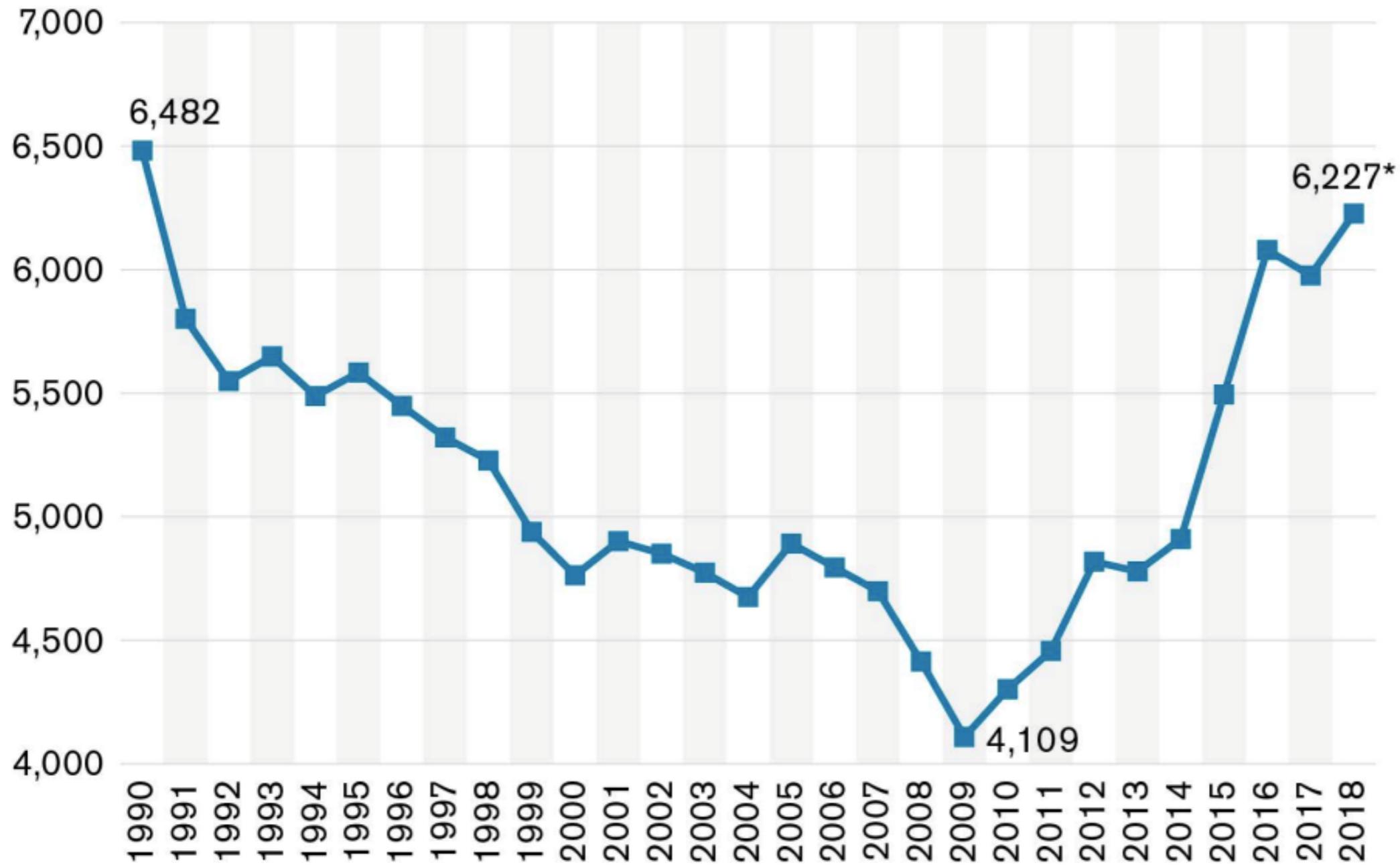


Claes Tingvall



3MPH
PLANNING + CONSULTING

Figure 3 U.S. Pedestrian Fatalities: 1990 - 2018



Graph: GHSA

Source: SHSOs and FARS



NOT THIS GUY

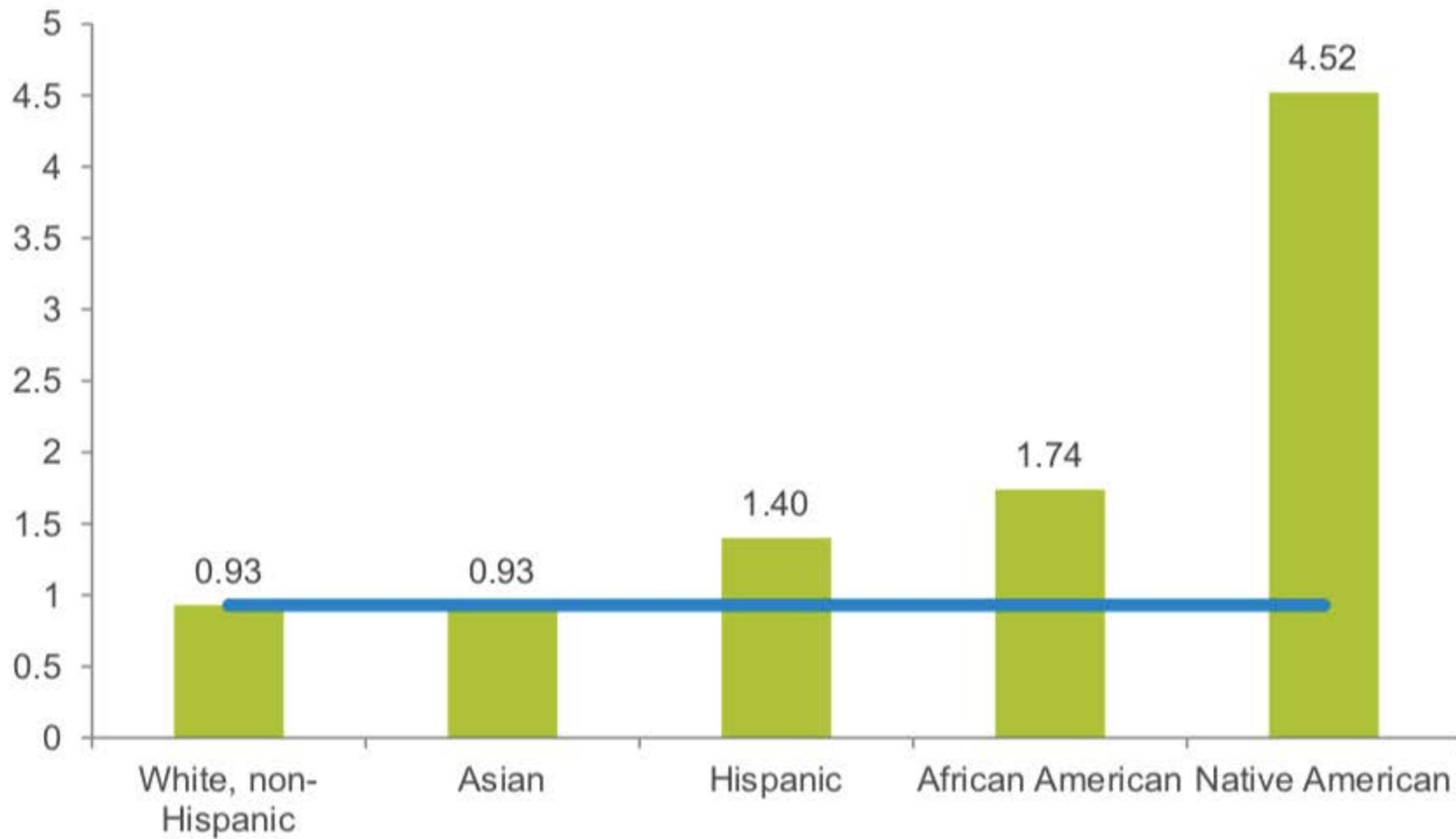


THIS GUY



FIGURE 6

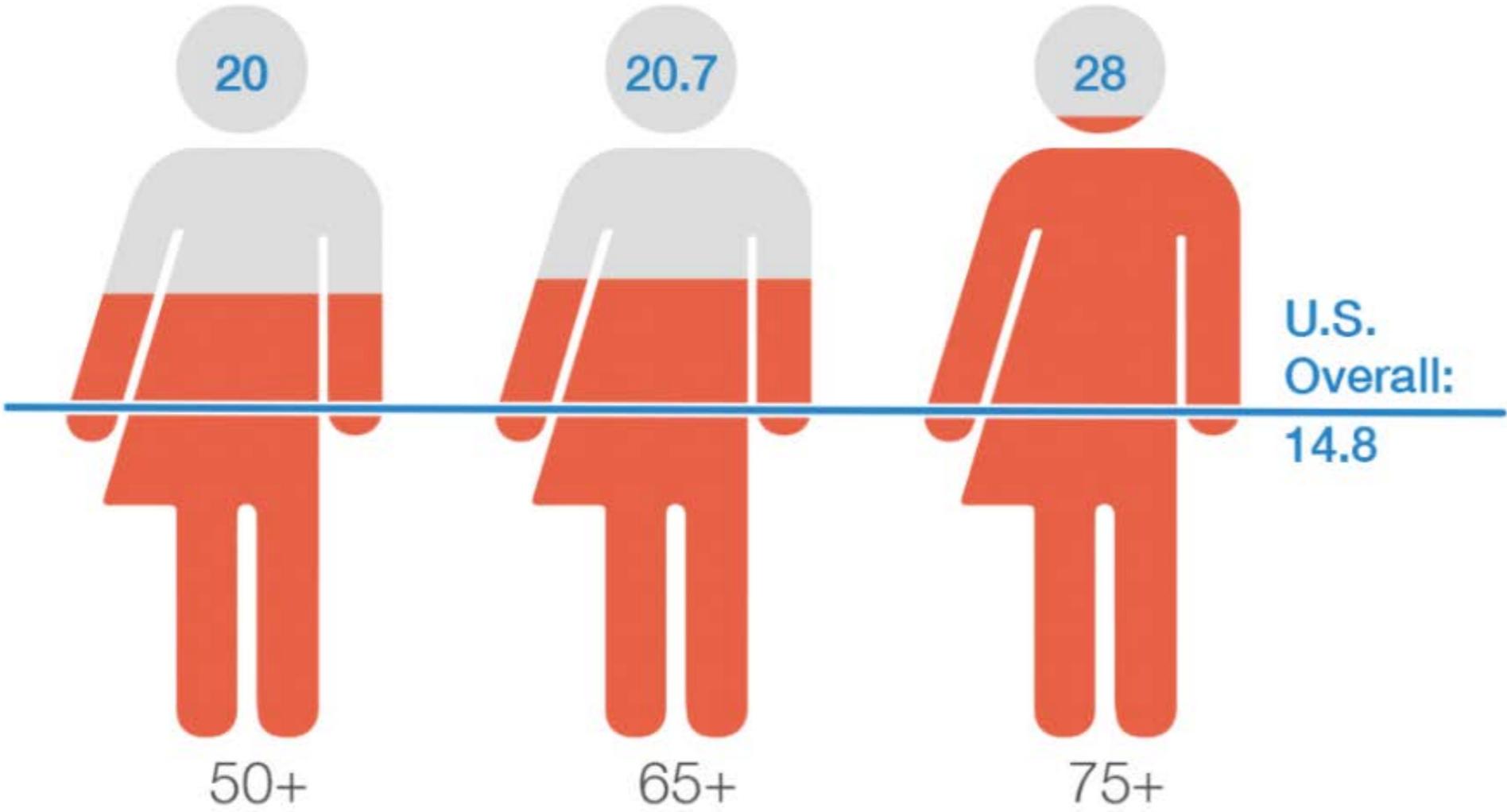
Annual pedestrian fatalities per 100,000 people by race/ethnicity (2005-2014)



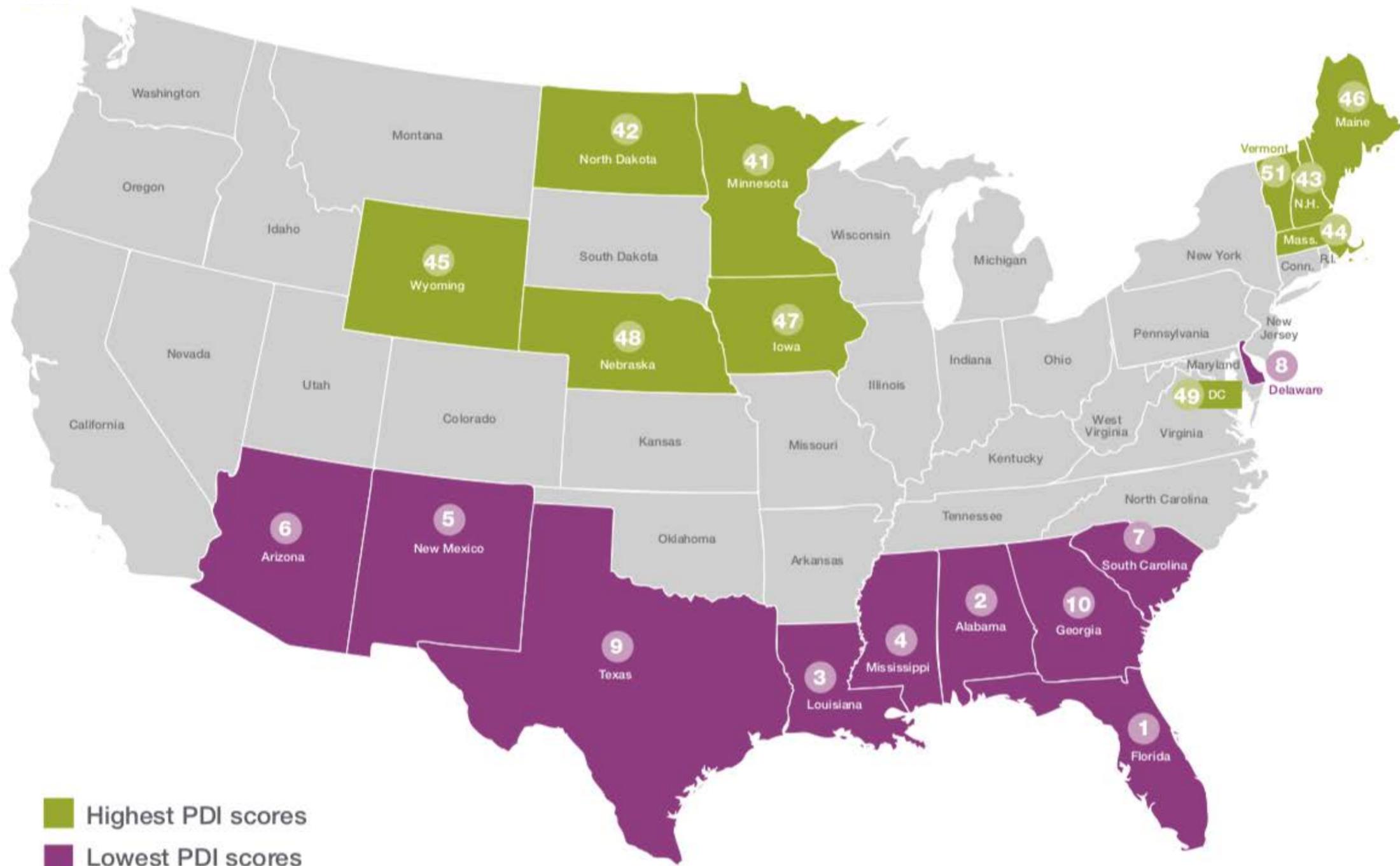
Graph: Smart Growth America

Older adults are disproportionately represented in deaths of people walking

Relative pedestrian danger by age



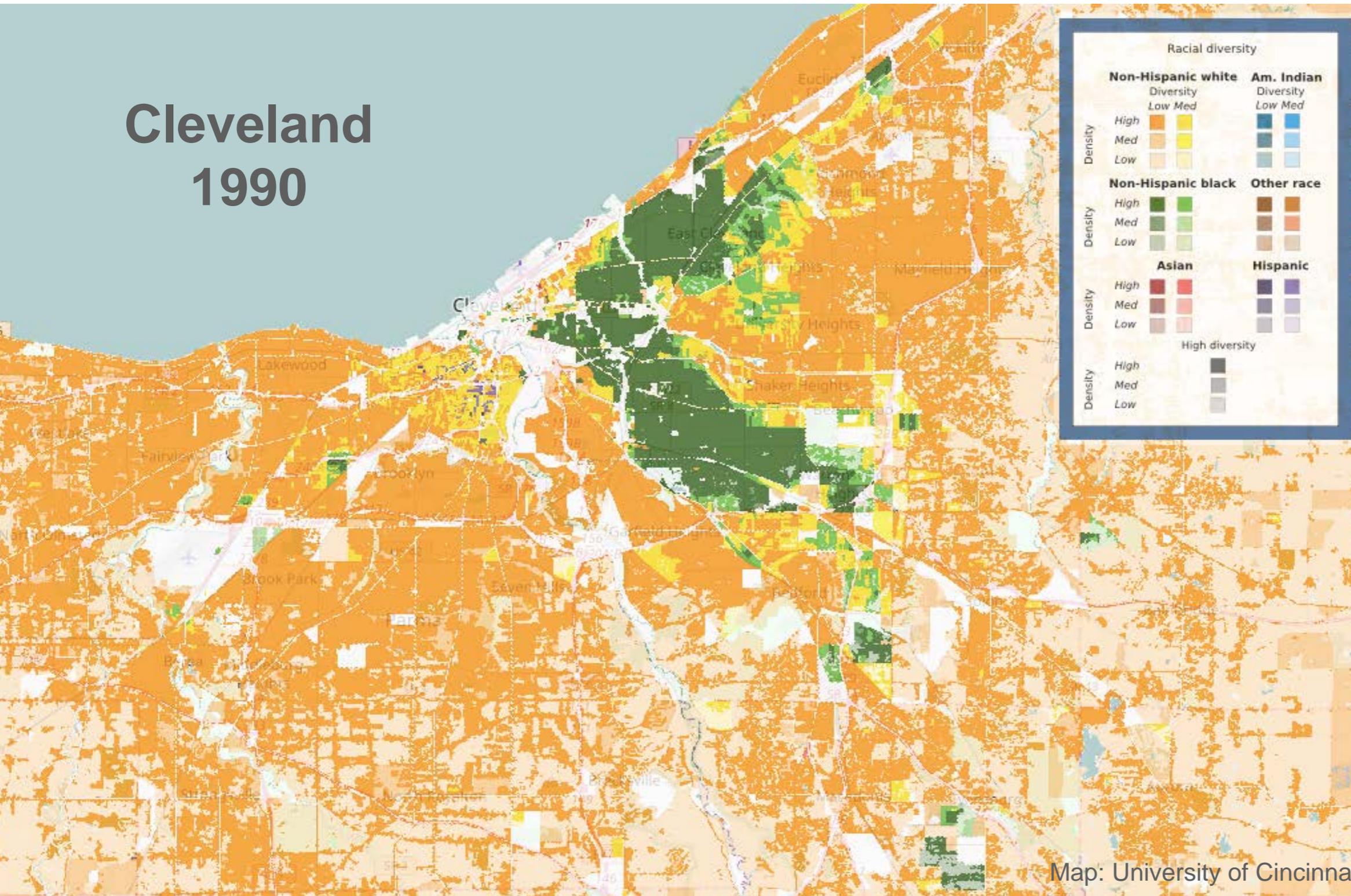
Graph: Smart Growth America



■ Highest PDI scores
■ Lowest PDI scores

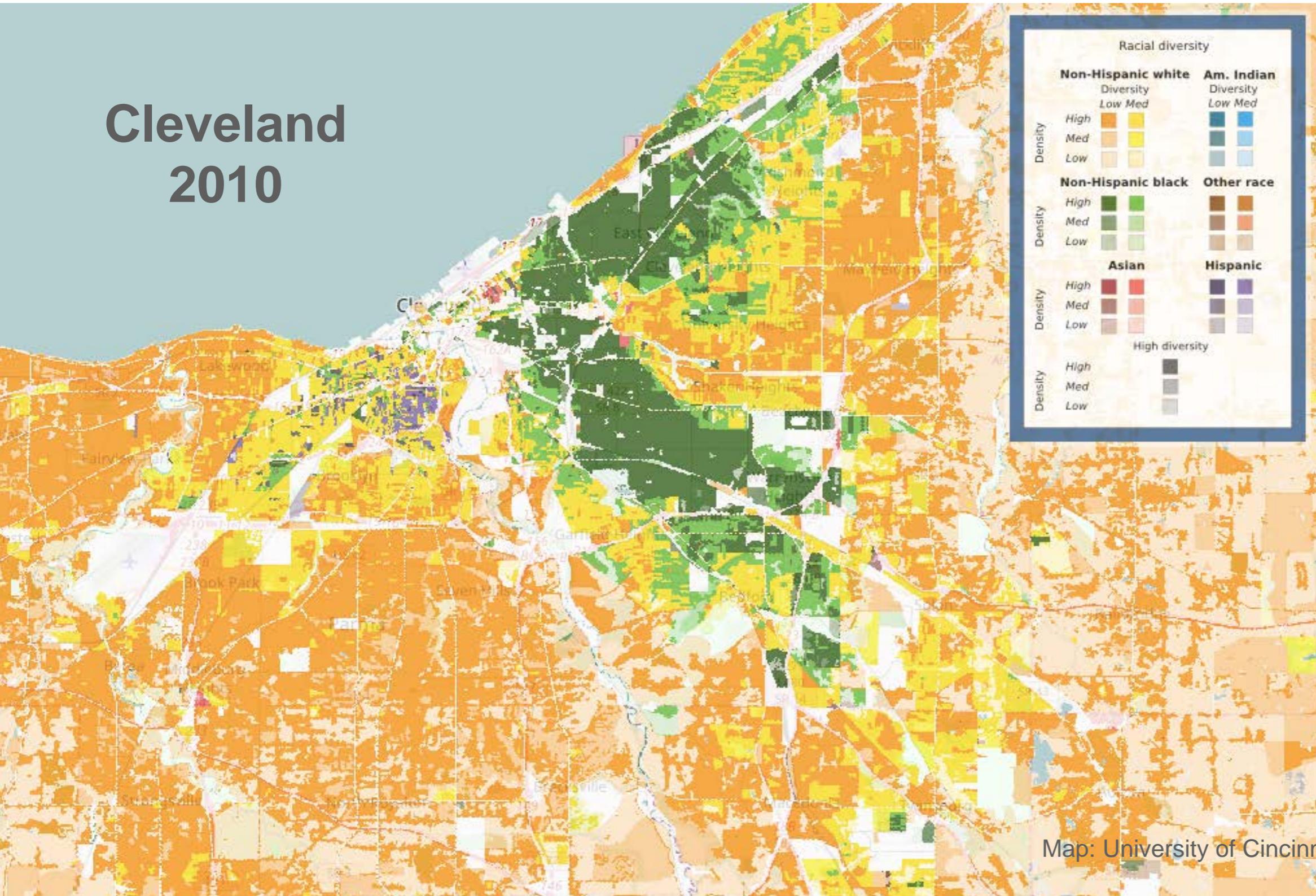
Map: Transportation for America

Cleveland 1990



Map: University of Cincinnati

Cleveland 2010



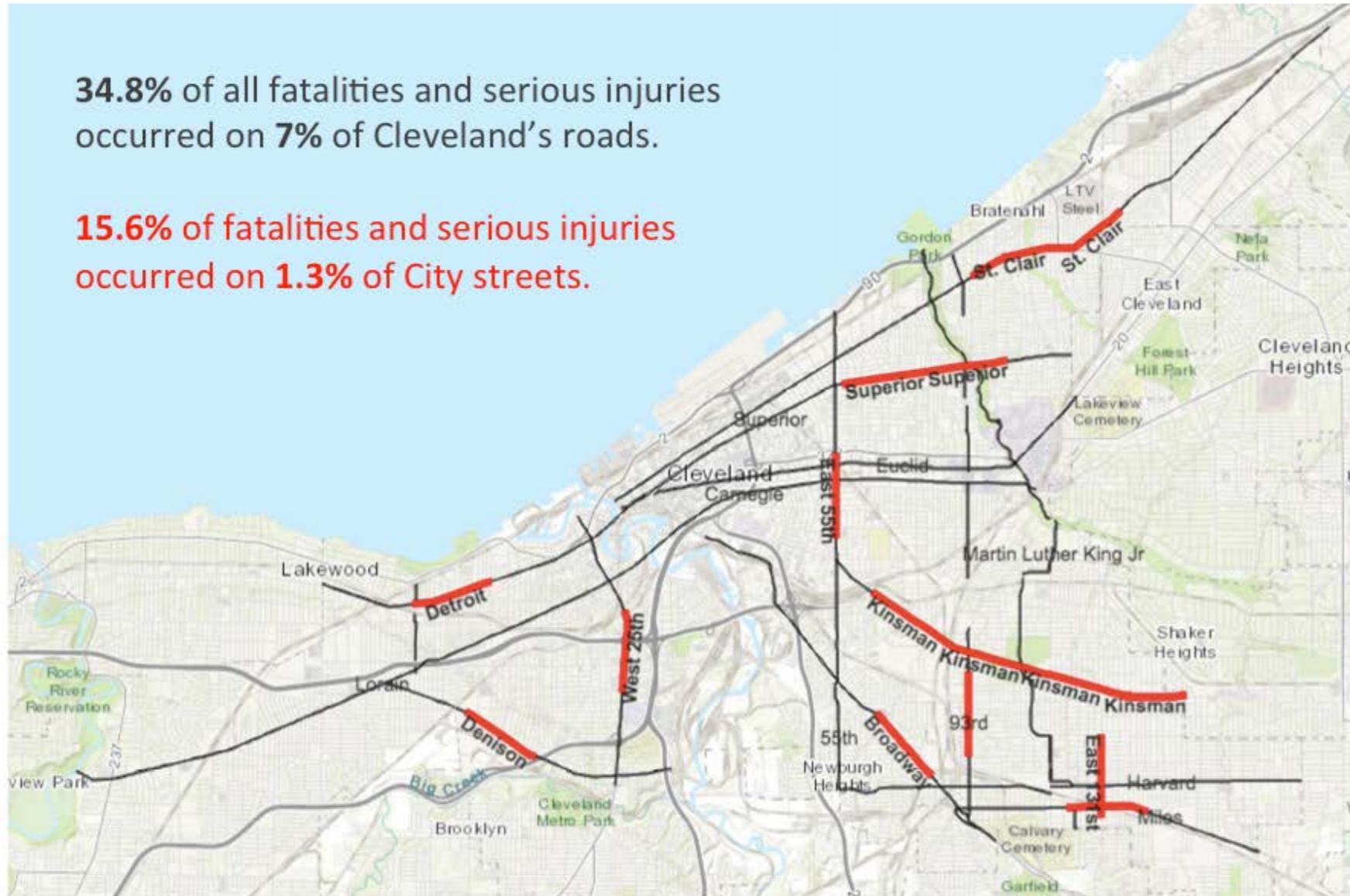
Map: University of Cincinnati



High Injury Network Map

34.8% of all fatalities and serious injuries occurred on 7% of Cleveland's roads.

15.6% of fatalities and serious injuries occurred on 1.3% of City streets.



Bike Cleveland/Vision Zero Cleveland



2019-01

Shaker Heights

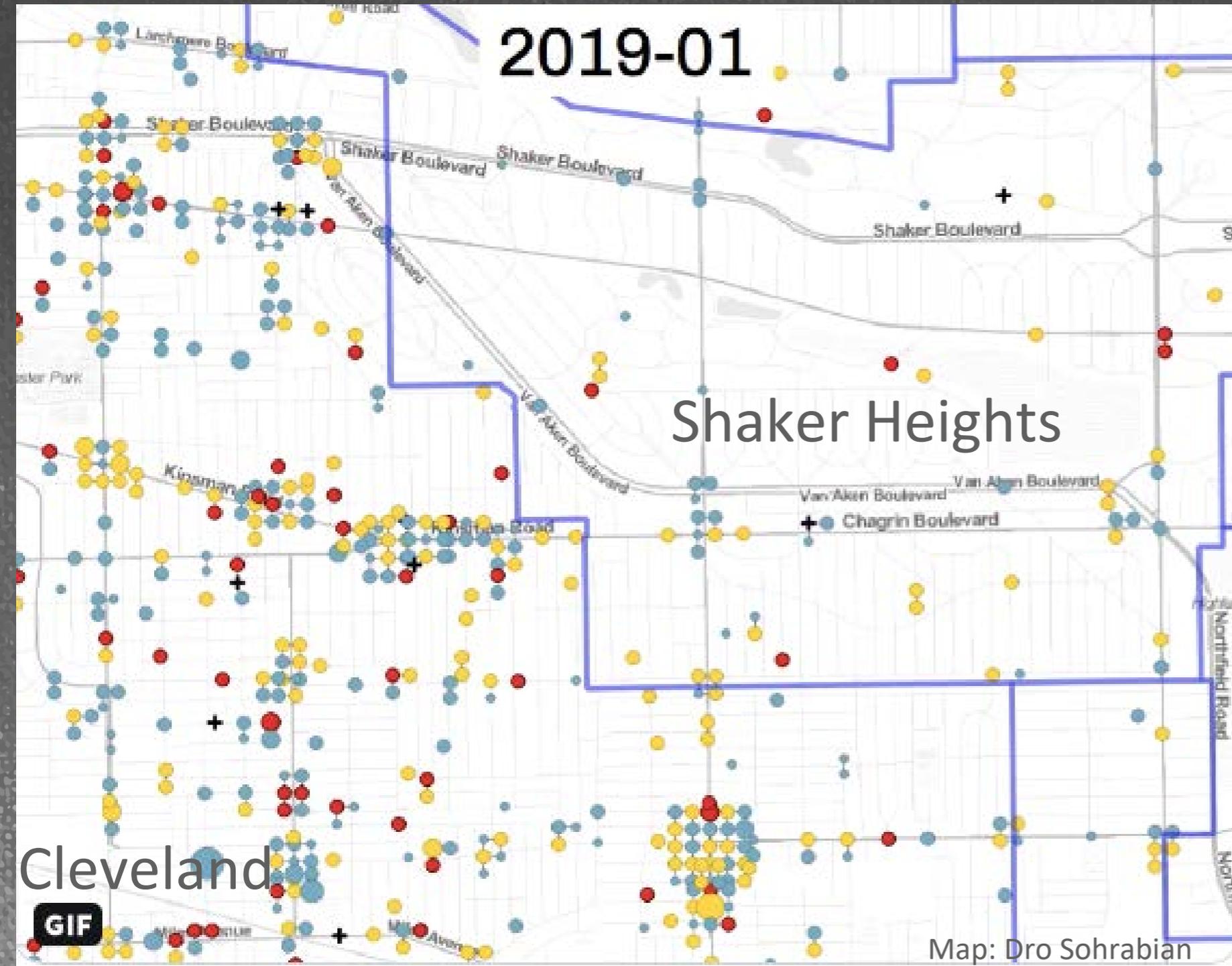
- No Injury/Possible Injury
- Non-Incapacitating
- Incapacitating
- + Fatal

Cleveland

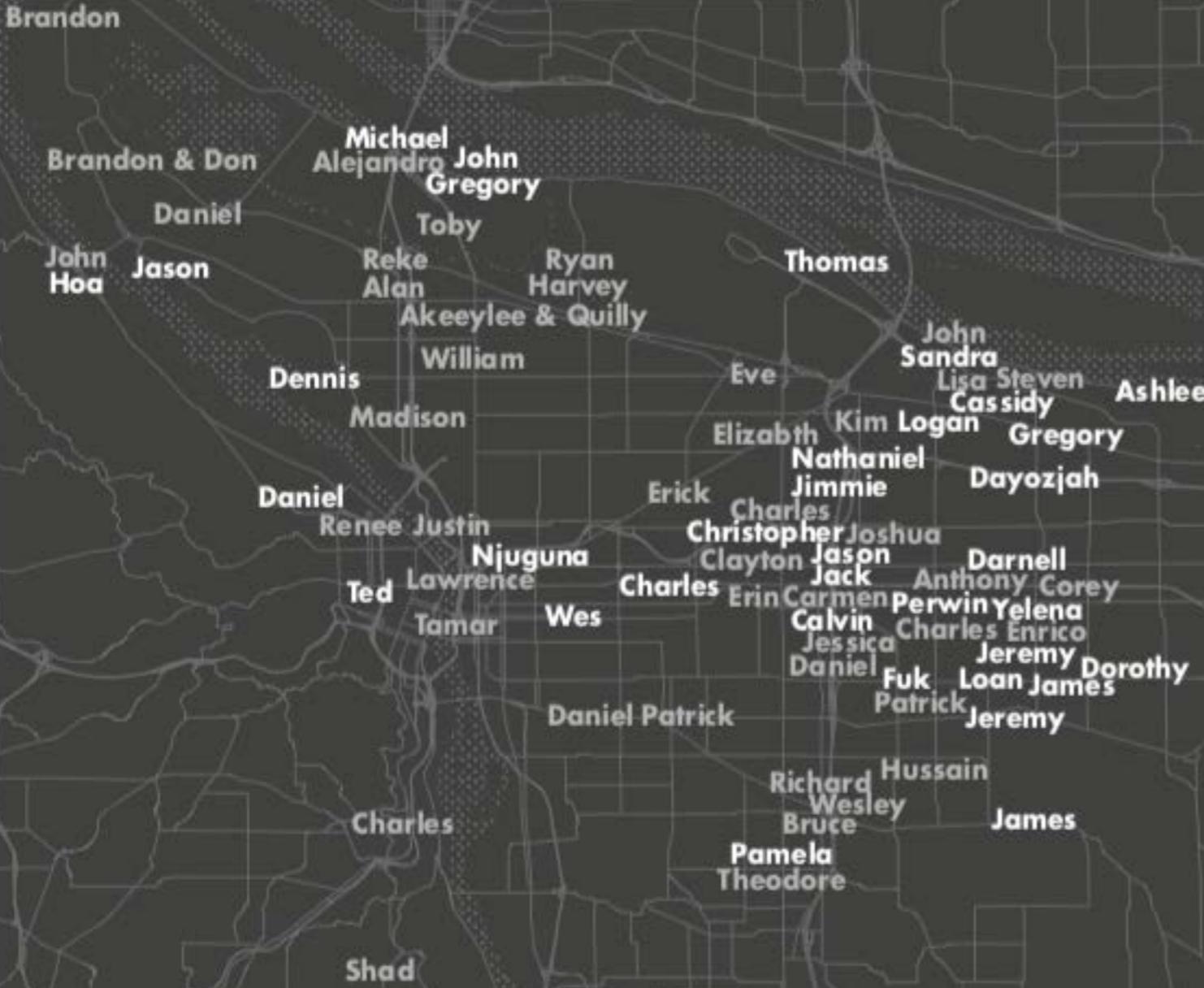
GIF

Map: Dro Sohrabian

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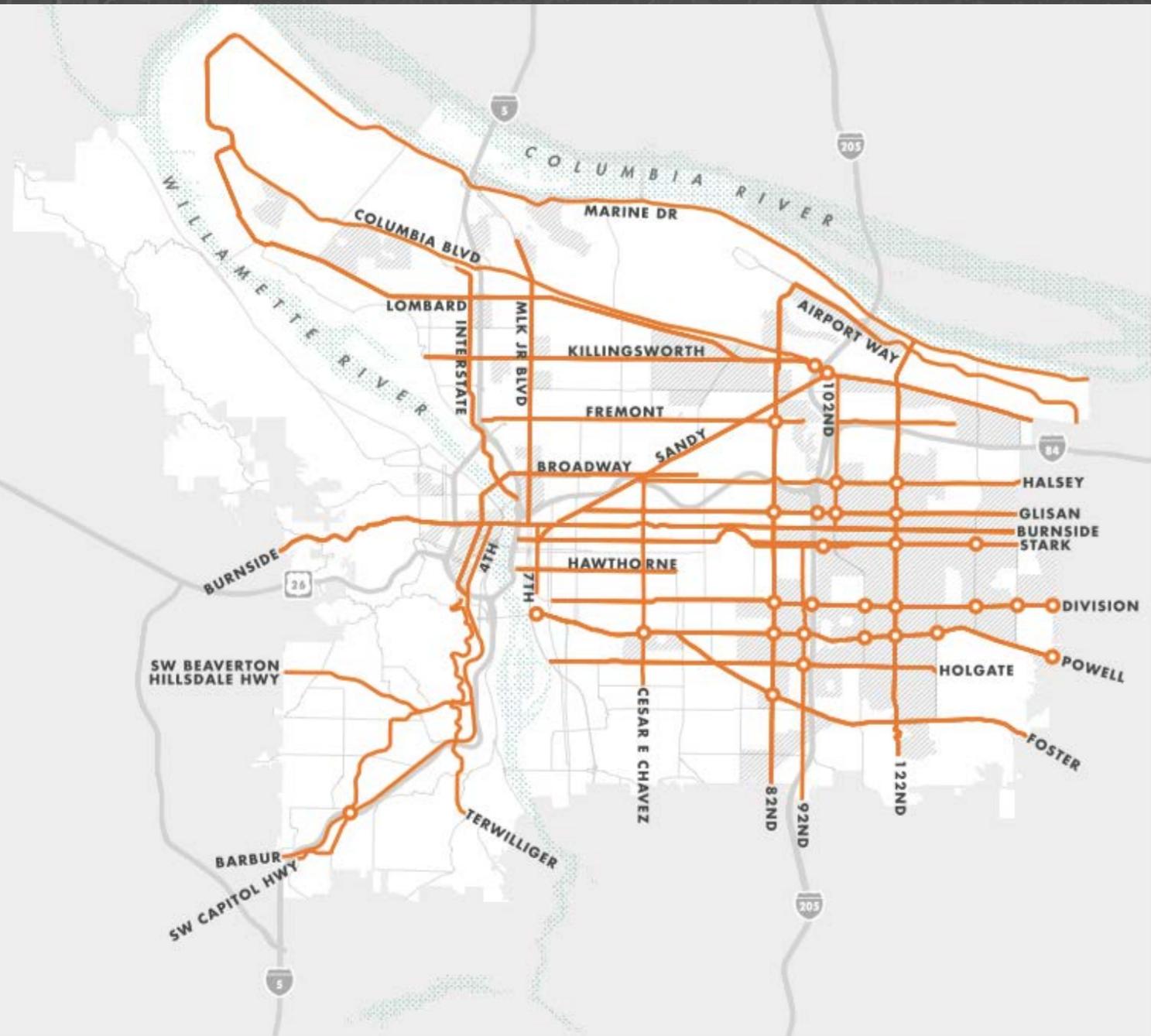


**PEOPLE KILLED IN
TRAFFIC IN PORTLAND
IN 2017 AND 2018**



Portland Bureau of Transportation





HIGH CRASH NETWORK

Composite of motor vehicle, bicycle, and pedestrian high crash networks
 Source: PBOT

- = TOP 30 HIGH CRASH STREETS
- = TOP 30 HIGH CRASH INTERSECTIONS
- = COMMUNITY OF CONCERN

US-2 Near Leech Lake Band of Ojibwe tribal service center
Central Minnesota

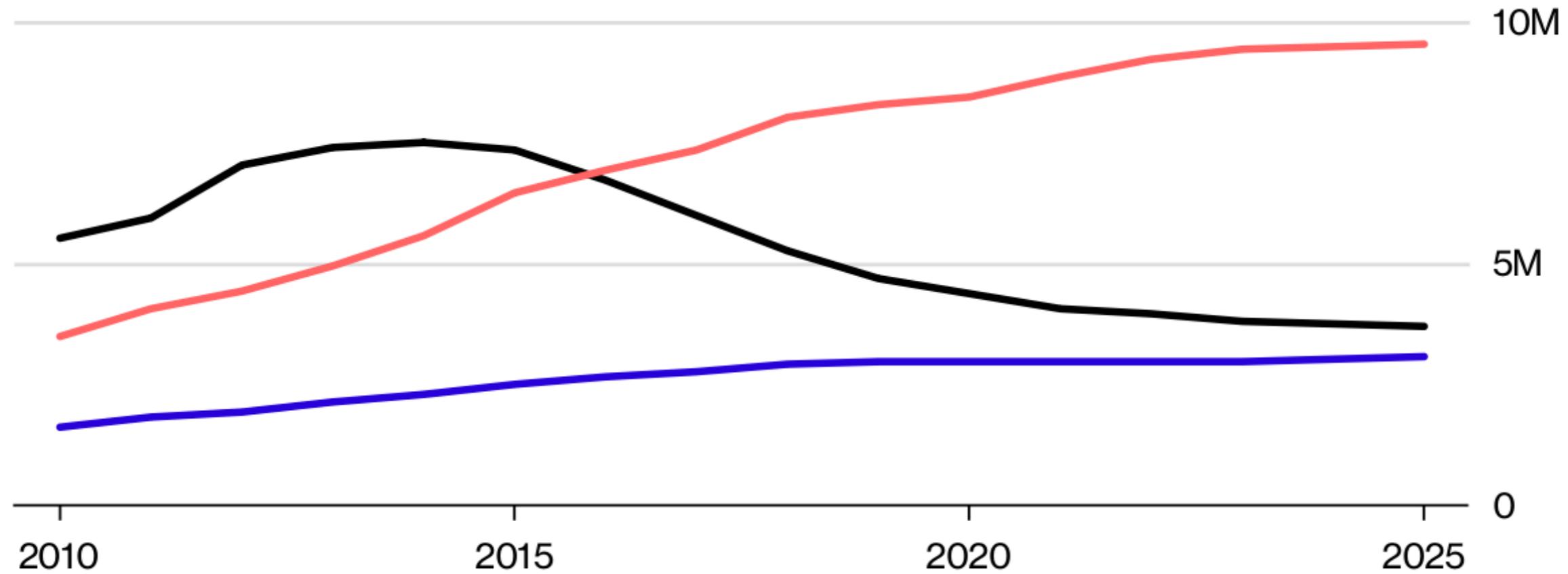


Photo: Guillermo E. Narváez, University of Minnesota

Sedan Slaying

Car sales plunge about 30% in span of just four years

▀ Cars ▀ SUVs ▀ Pickups



Note: U.S. vehicle sales figures after 2018 are projected

Source: LMC Automotive

Bloomberg

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ING + CONSULTING





1996 Rav4

2,500-3,000 lbs



2009 Rav 4

3,300-3,600 Lbs



2019 Rav 4

3,370 - 3,620 lbs



Queens Boulevard

New York City



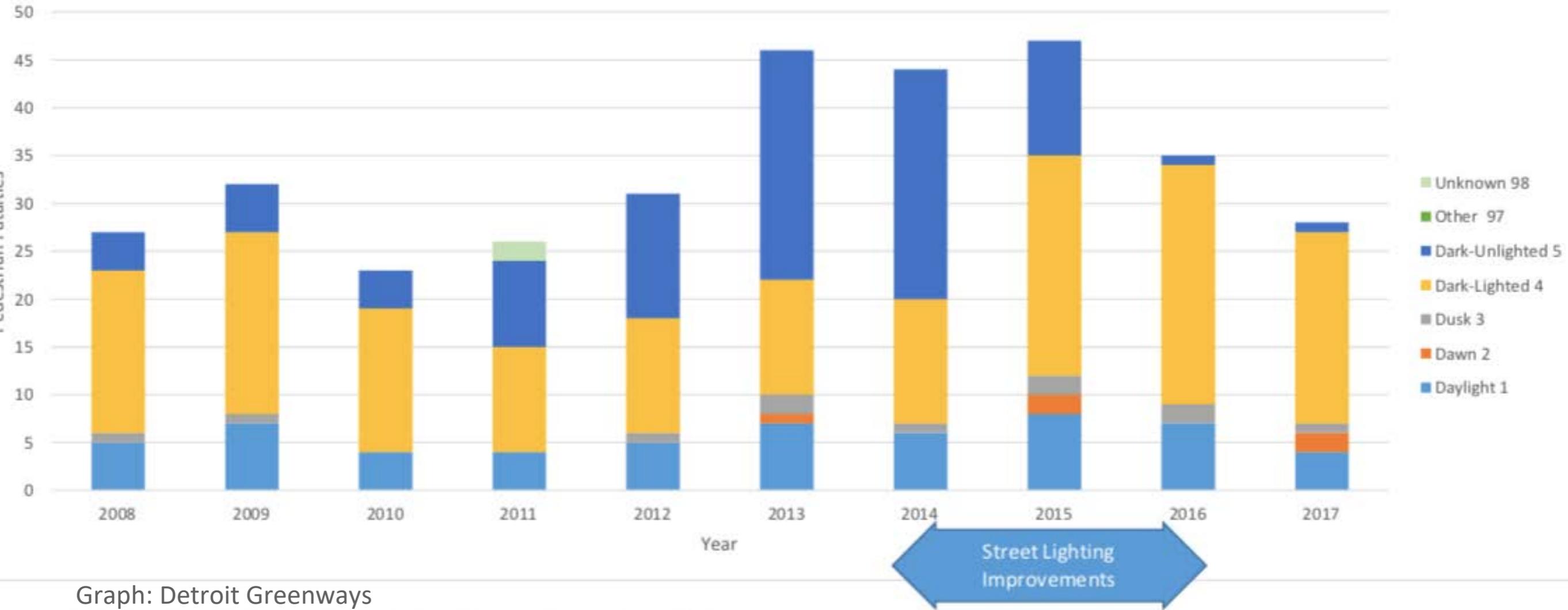
Amsterdam Ave. & 96th St., Manhattan (2016)



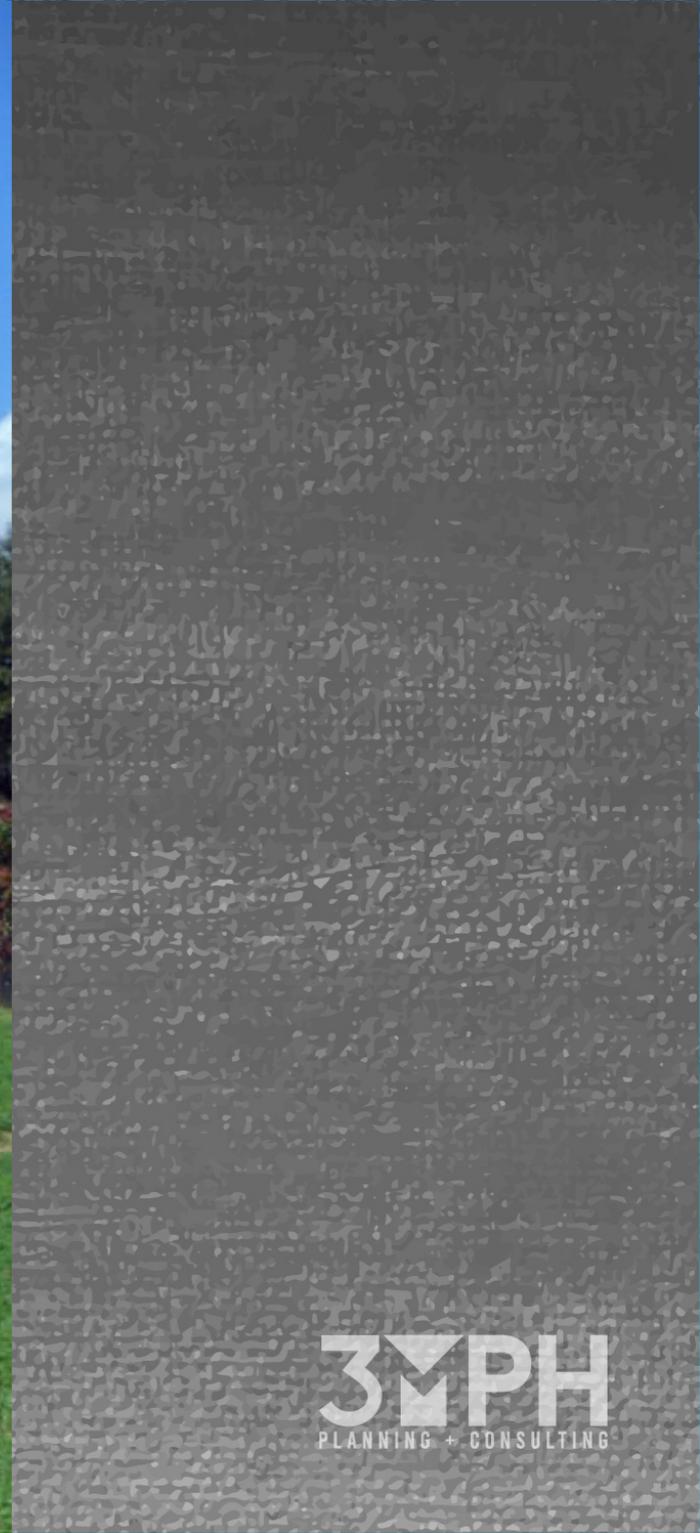
Hardened
Centerline

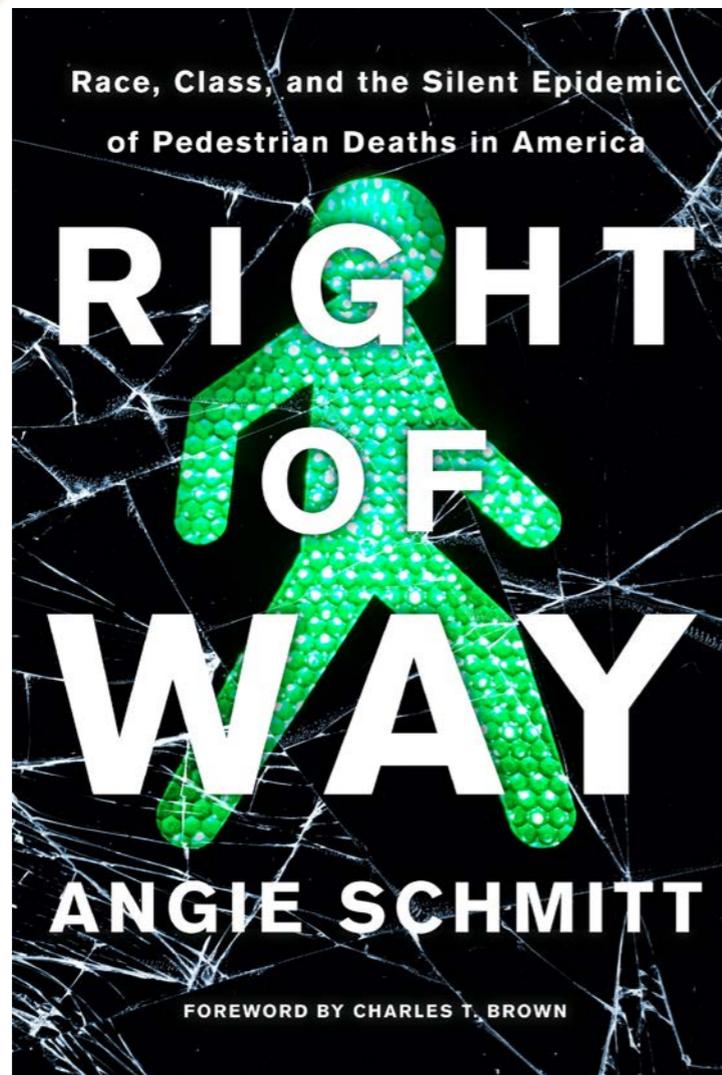


Detroit Pedestrian Fatalities by Lighting Conditions



Graph: Detroit Greenways





Right of Way

Race, Class, and the Silent Epidemic of Pedestrian Deaths in America

Angie Schmitt

Use discount code SCHMITT to save 20%
www.islandpress.org/books/right-way

@Schmangee on Twitter
angie@3mphplanning.com
3MPHplanning.com



Central Ohio Pedestrian Safety

(and Bicyclists, too!)

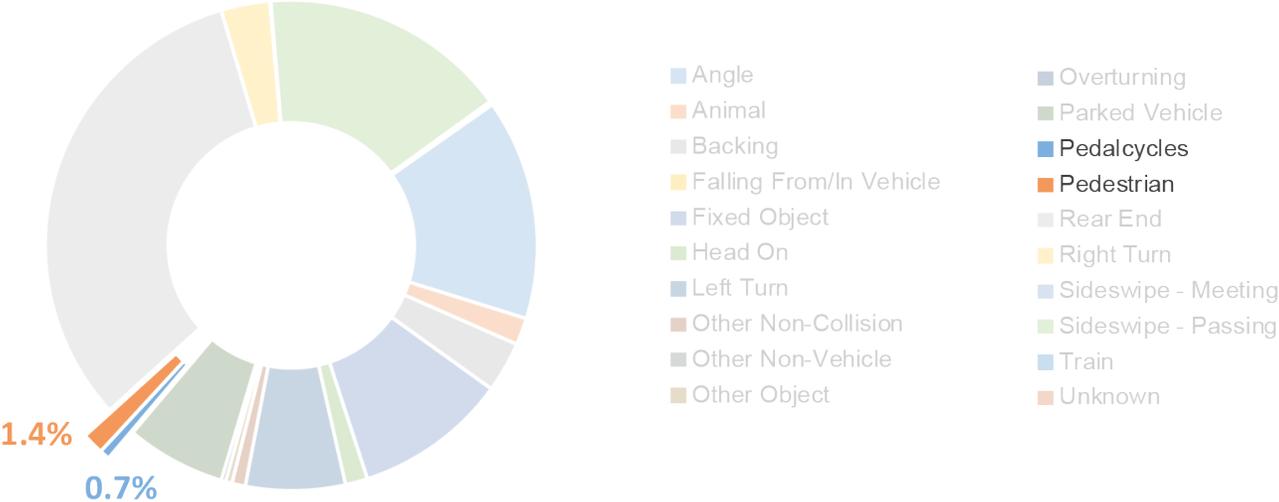
Lauren Cardoni, Senior Planner



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MPO Crash Data 2015-2019

Percentage of Crashes by Type

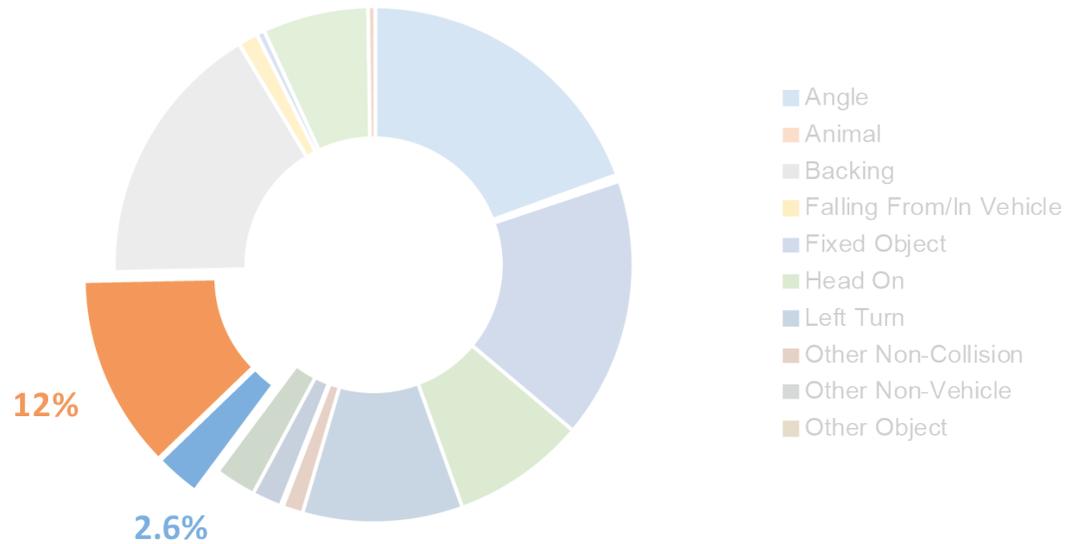


Source: ODOT

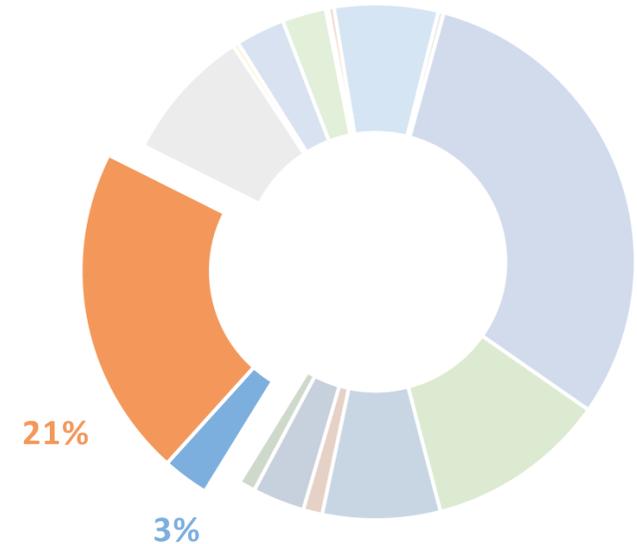


MPO Crash Data 2015-2019

Percentage of **Serious Injuries** by Type



Percentage of **Fatalities** by Type

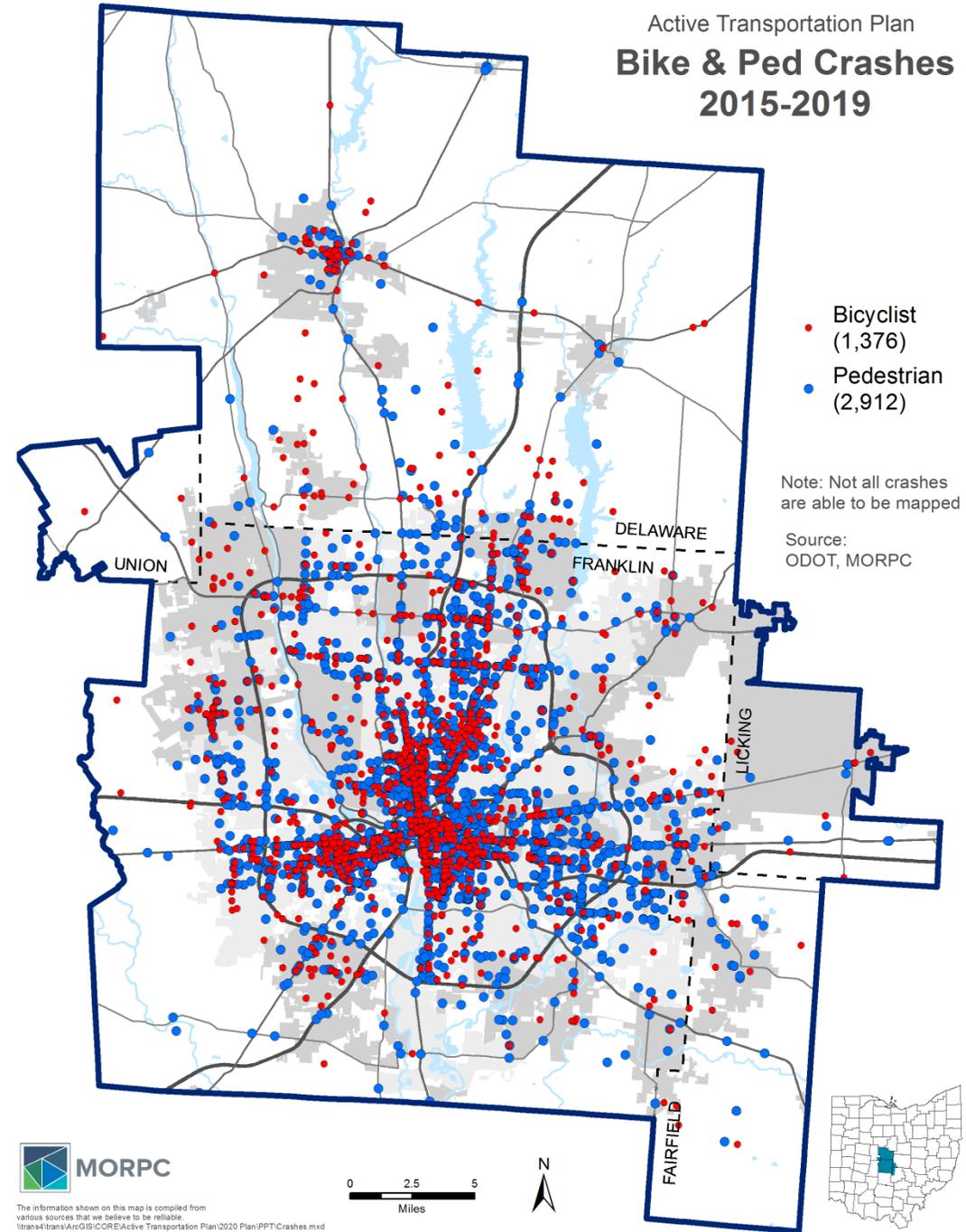
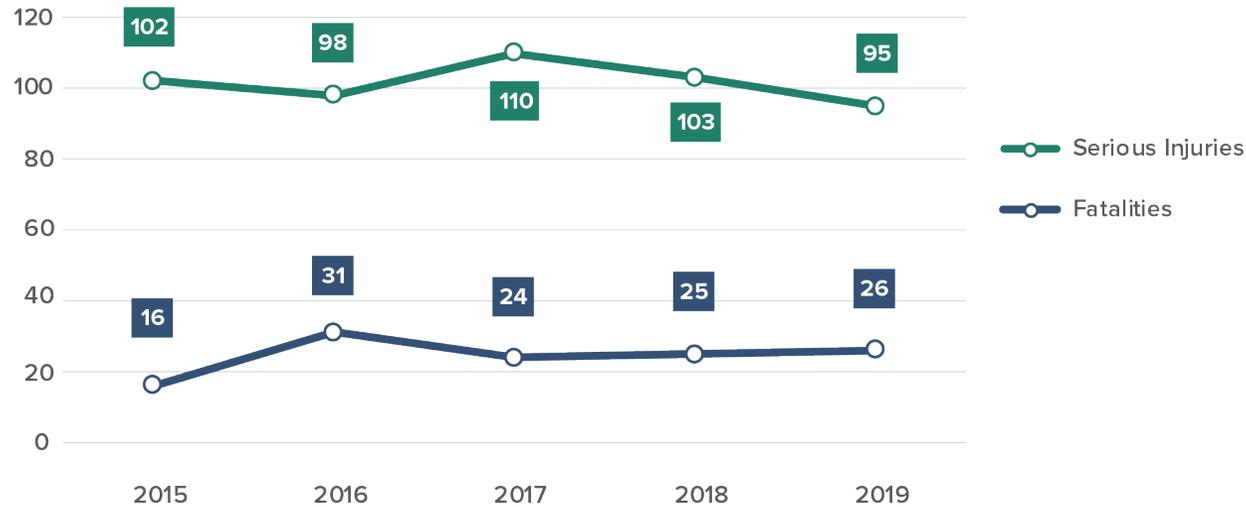


2020 ACTIVE TRANSPORTATION PLAN

Crashes involving People Bicycling

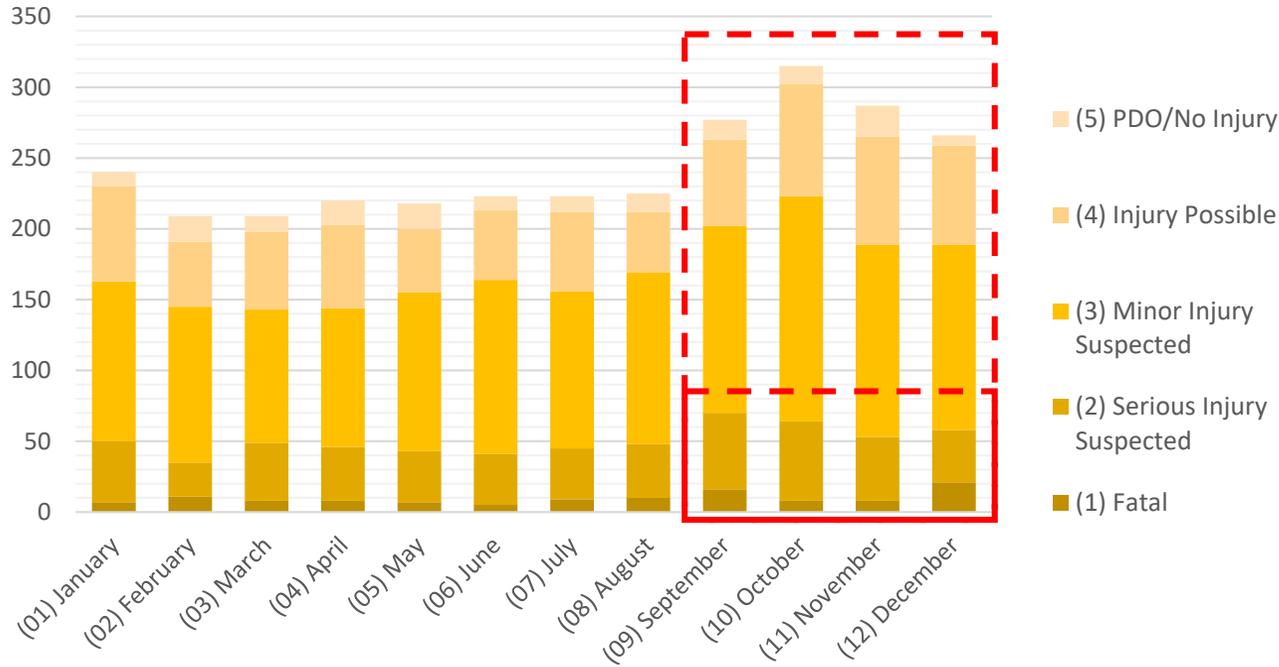


Crashes involving People Walking

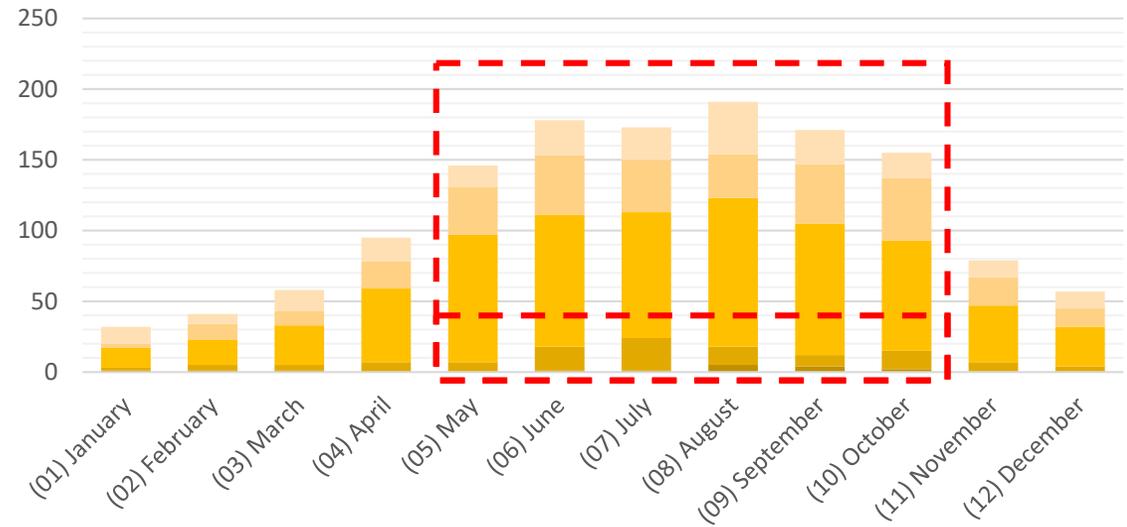


Crashes by Month of Year (2015-2019)

Crashes involving People Walking



Crashes involving People Bicycling



Crashes by Time of Day (2015-2019)

Crashes involving People Walking

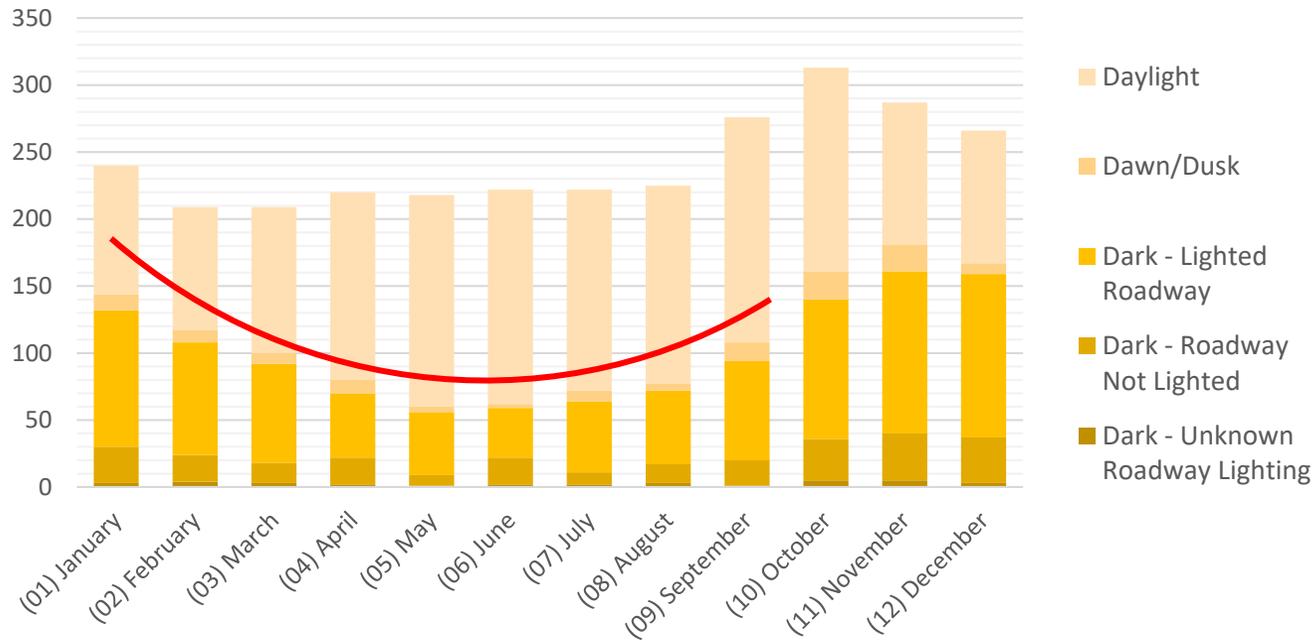
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
JAN	8	7	3	1		1	14	16	12	4	8	10	7	7	15	16	8	13	32	19	16	10	10	3	240
FEB	7	5	6	1	2	1	9	5	10	8	5	6	8	6	11	9	13	16	20	19	15	12	7	8	209
MAR	8	1	5	2	1	1	4	16	9	9	6	5	6	7	12	12	16	8	9	20	25	16	7	4	209
APR	7	6	5	2	2	1	12	5	12	6	11	6	9	8	9	14	18	20	11	15	11	16	5	9	220
MAY	3	5	3	3	2	1	2	7	8	3	6	8	13	16	14	15	19	19	13	14	6	17	14	7	218
JUN	3	5	7	3	2	2		5	14	3	4	9	8	12	12	12	19	23	24	12	5	15	16	8	223
JUL	7	2	6	1	1	4	1	5	9	4	8	12	10	16	8	12	22	14	14	10	12	12	16	17	223
AUG	9	5	5	3	4	1	5	4	15	4	7	6	14	8	12	12	21	20	20	5	6	21	8	10	225
SEP	8	5	3	1	1	4	10	5	16	9	15	8	12	9	21	20	19	21	13	16	25	10	15	11	277
OCT	5	4	3	4	2	1	20	19	12	15	15	5	8	10	14	16	24	21	18	35	27	20	9	8	315
NOV	5	5	6			4	12	11	13	7	5	10	7	7	14	14	27	35	31	20	22	14	10	8	287
DEC	6	6	10	3	2	2	11	14	10	9	5	8	13	14	10	13	14	33	37	15	4	12	4	11	266
Total	76	56	62	24	19	23	100	112	140	81	95	93	115	120	152	165	220	243	242	200	174	175	121	104	2912

Crashes involving People Bicycling

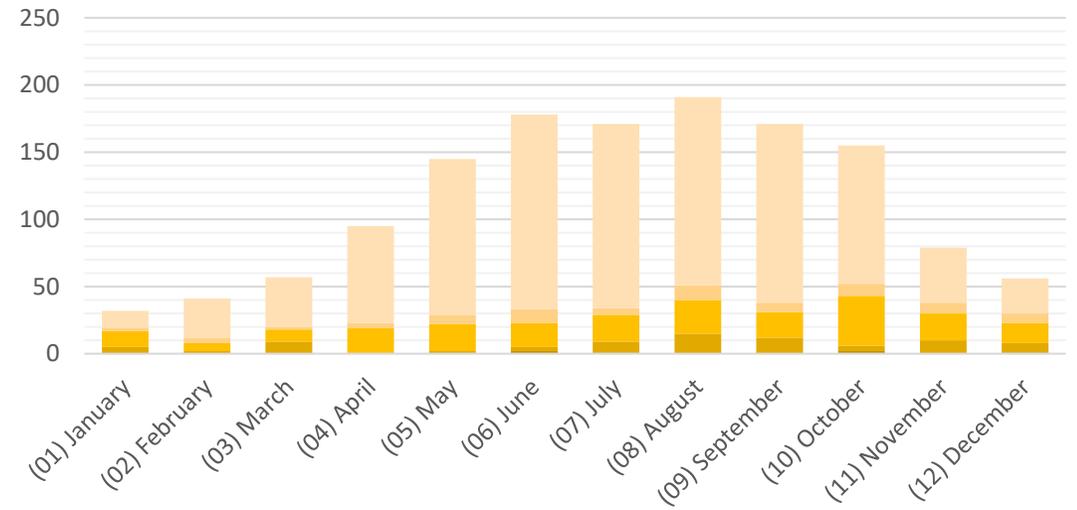
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total	
JAN		1					2	1	3	1	3			1	1		4	1	2	4	3	1	1		32	
FEB	2							2	2	1	2	1	2	3	3	1	6	6	4	3	2			1	41	
MAR							1	3	2		2	1		2	3	4	5	7	5	9	4	4	2	1	3	58
APR	3		2	1				2	1	1	3	1	6	6	8	6	6	17	10	6	6	4	4	2	95	
MAY	2		2	1				1	1	6	3	6	6	8	4	9	9	12	15	18	15	14	7	5	2	146
JUN	4		6		1	1	4	5	2	3	4	4	6	11	22	10	13	21	15	13	21	6	4	2	178	
JUL	3	1	3		1	1	1	3	8	5	3	8	10	8	21	18	11	16	7	14	8	12	6	5	173	
AUG	4	2	5	2	2	2	2	8	7	6	4	6	10	11	15	18	11	23	11	10	12	12	4	4	191	
SEP	1		1	1		1	4	6	5	7	1	6	6	13	12	22	18	15	16	13	11	5	5	2	171	
OCT	5	1		1	1		3	7	5	6	4	4	6	7	9	9	16	25	13	17	6	6	1	3	155	
NOV	1	2	1					4	2		2	5	5	3	5	4	9	9	14	6	2	2	1	2	79	
DEC			1			1	4	3		2	2	4	1	4	4	7	1	11	6	2	2	1		1	57	
Total	25	7	21	6	5	9	25	46	38	40	34	46	63	74	111	114	114	162	124	106	89	58	32	27	1376	

Crashes by Lighting Conditions (2015-2019)

Crashes involving People Walking

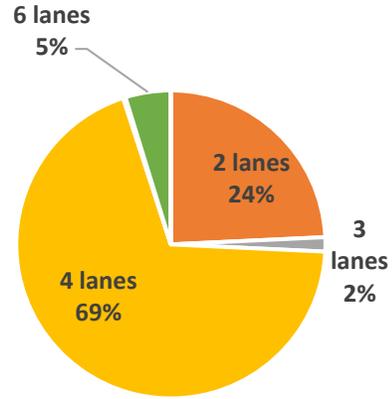


Crashes involving People Bicycling

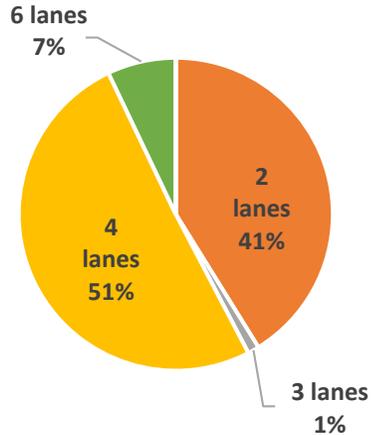


2020 ACTIVE TRANSPORTATION PLAN

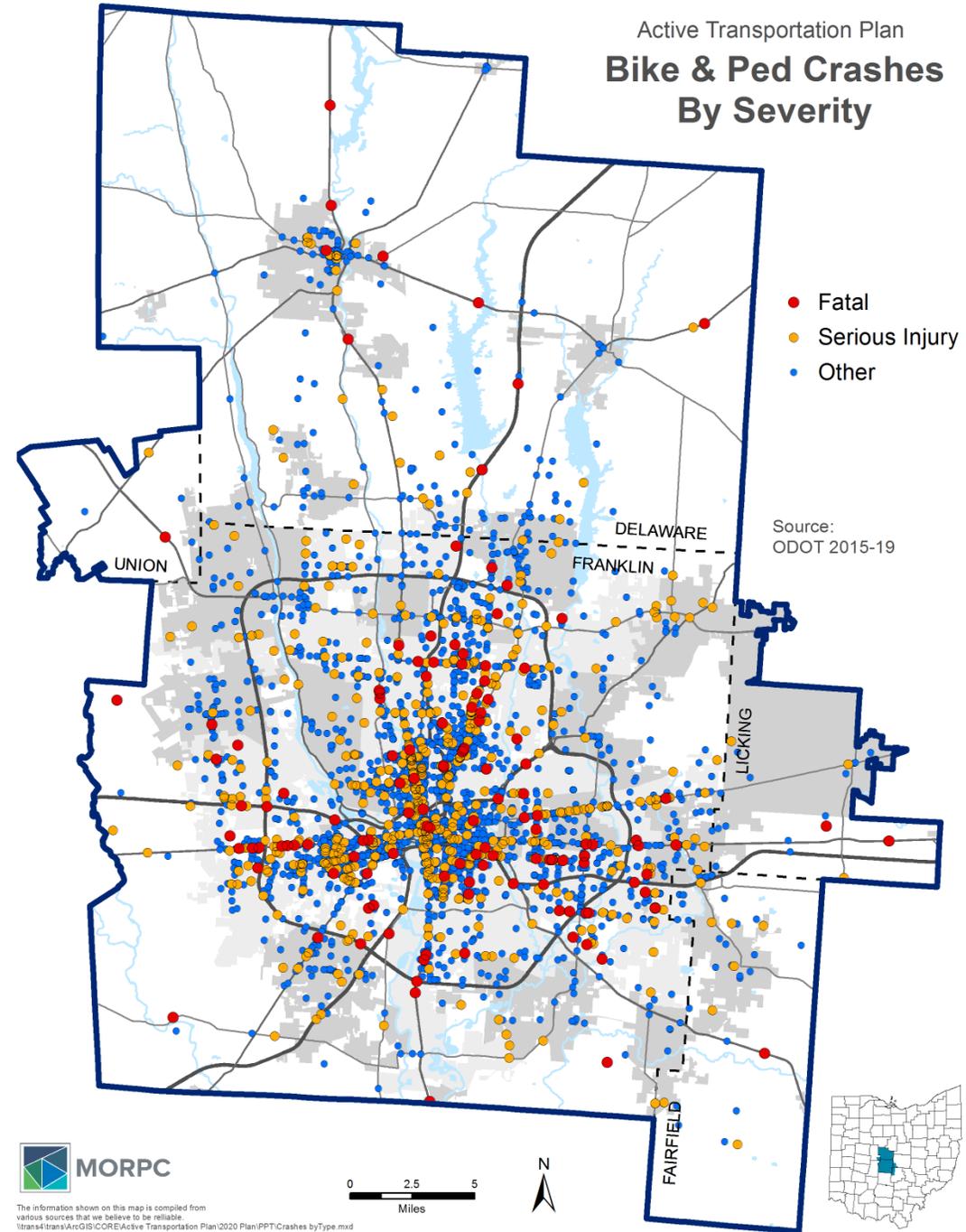
Pedestrian Injury by Roadway Classification



Bicyclist Injury by Roadway Classification



Active Transportation Plan Bike & Ped Crashes By Severity

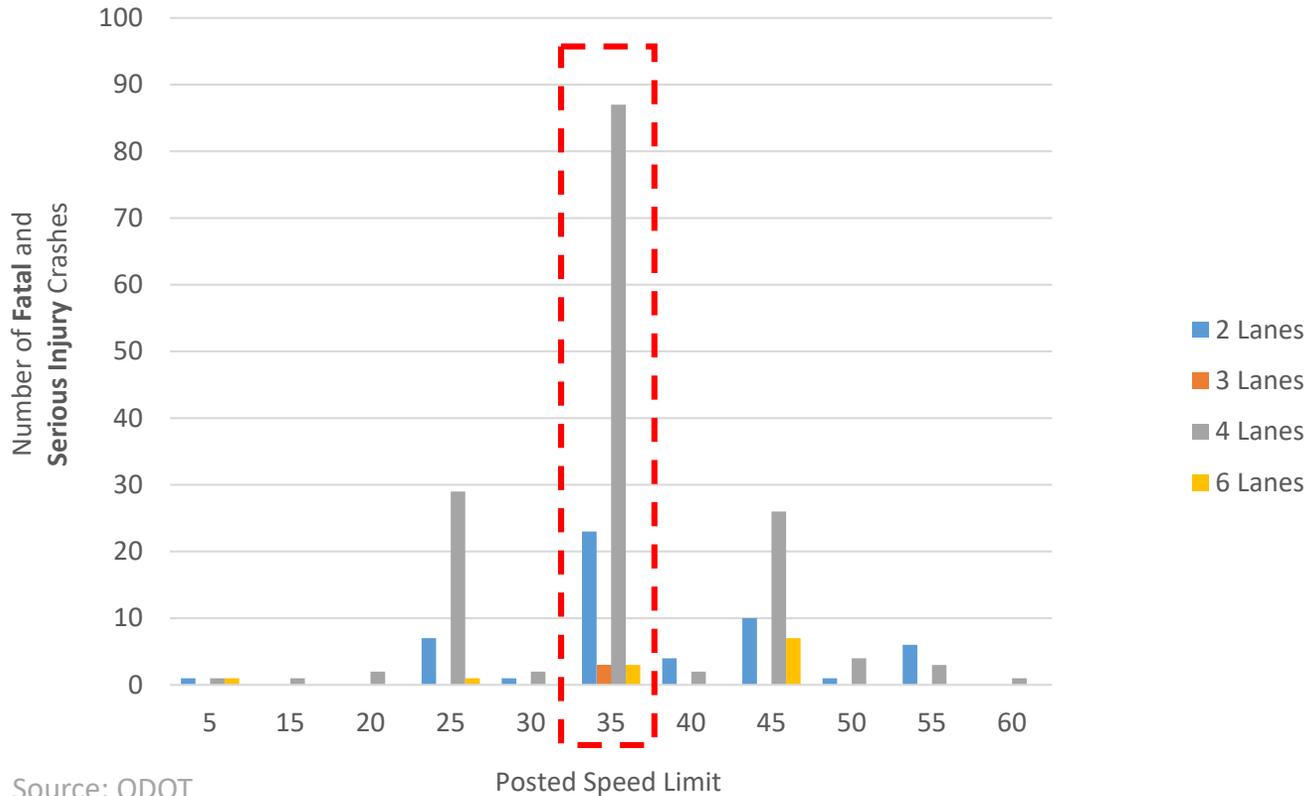


The information shown on this map is compiled from various sources that we believe to be reliable.
\\trans4\trans\ArcGIS\CORE\Active Transportation Plan\2020 Plan\PPT\Crashes by Type.mxd
7/28/2020



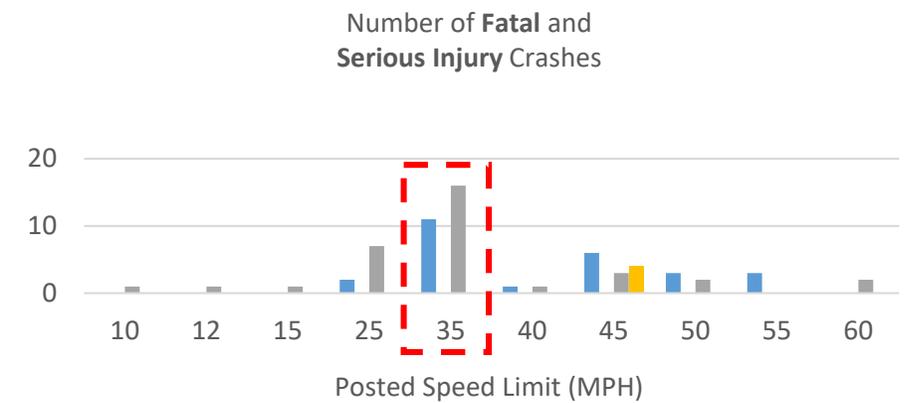
Crashes on Arterials by Speed Limit (2015-2019)

Crashes involving **People Walking**



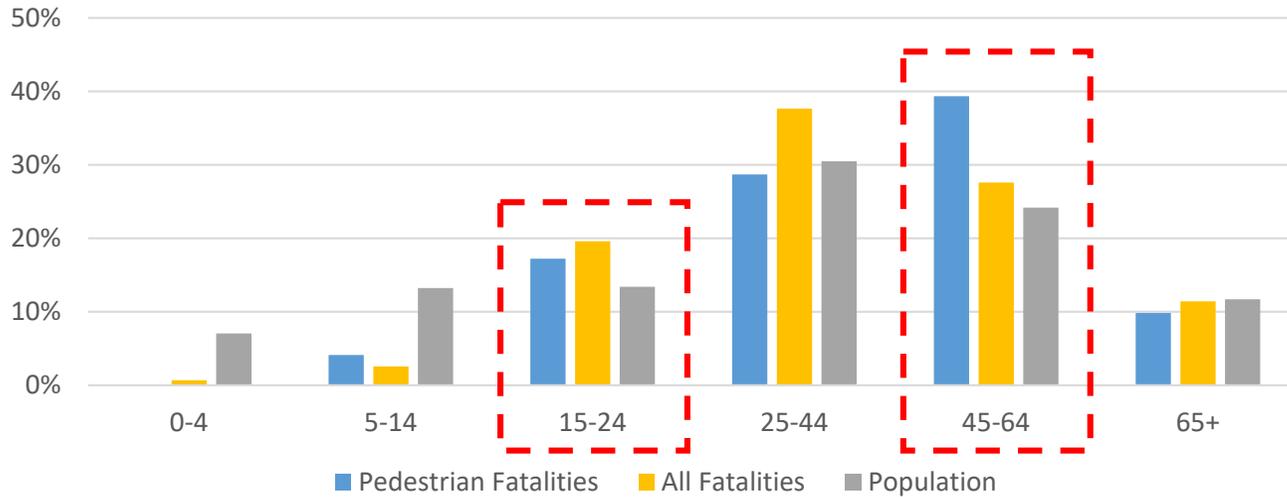
Source: ODOT

Crashes involving **People Bicycling**

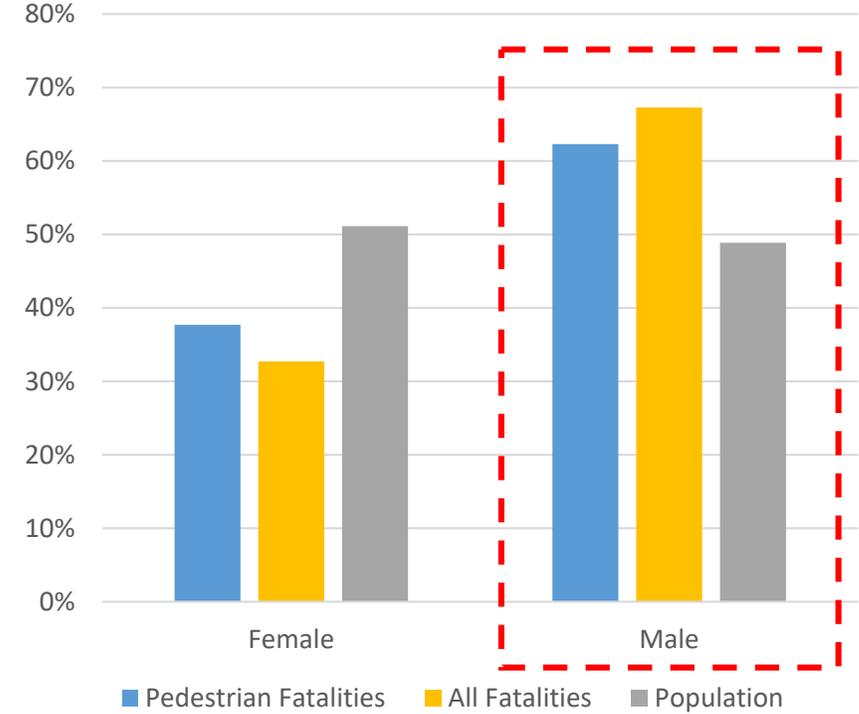


Pedestrian Fatalities (2015-2019)

Fatalities by Age Group



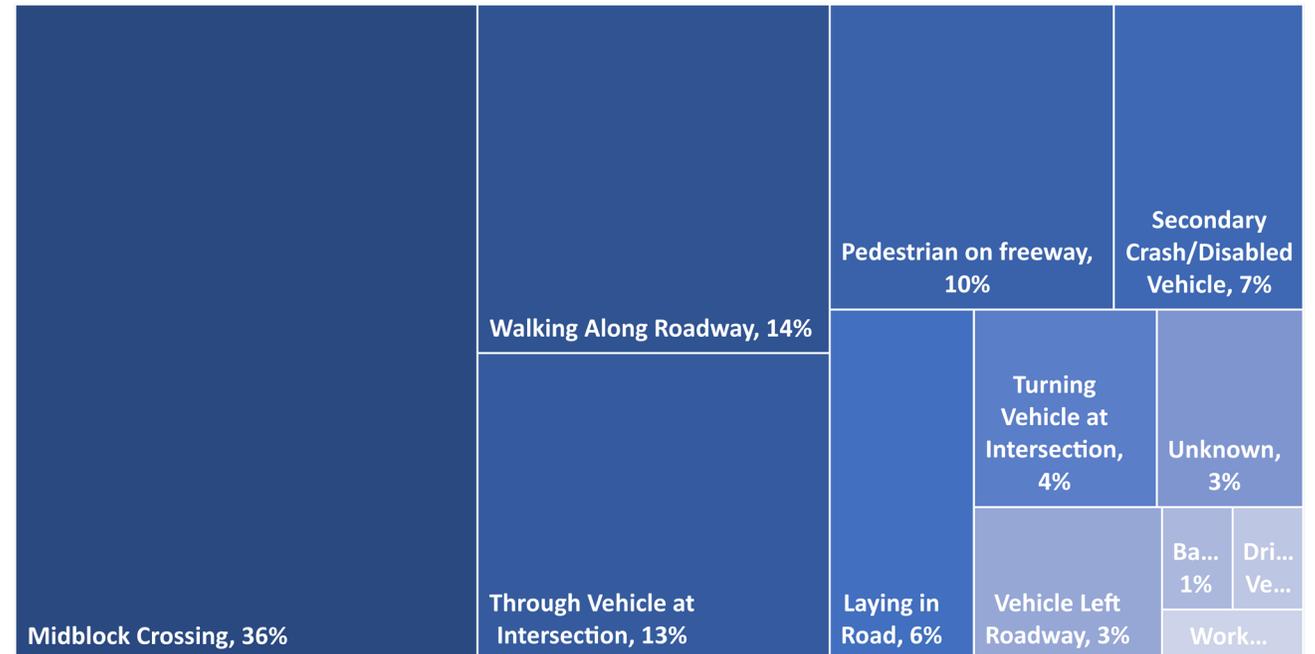
Fatalities by Gender



Top Fatal Crash Types

Pedestrian-Involved Fatal Crashes

1. Midblock Crossing (36%)
2. Walking Along Roadway (14%)
3. Through Vehicle at Intersection (13%)



Top Fatal Pedestrian-Involved Crash Types

Midblock Crossing (36%)

- **81%** on **arterial** roadways
- **64%** after dark, on roadways with lighting
- **24%** after dark, on roadways **without lighting**



Graphic provided by ODOT

Top Fatal Pedestrian-Involved Crash Types

Walking Along Roadway (14%)

- 71% on **arterial** roadways
- 35% after dark, on roadways with lighting
- 47% after dark, on roadways **without lighting**



Top Fatal Pedestrian-Involved Crash Types

Through Vehicle at Intersection (13%)

- **93%** on **arterial** roadways
- **60%** after dark, on roadways with lighting
- **33%** during **daylight** hours



Graphic provided by ODOT



Bike/Ped Safety Data

Data available upon request

LAUREN CARDONI

Senior Planner

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lcardoni@morpc.org

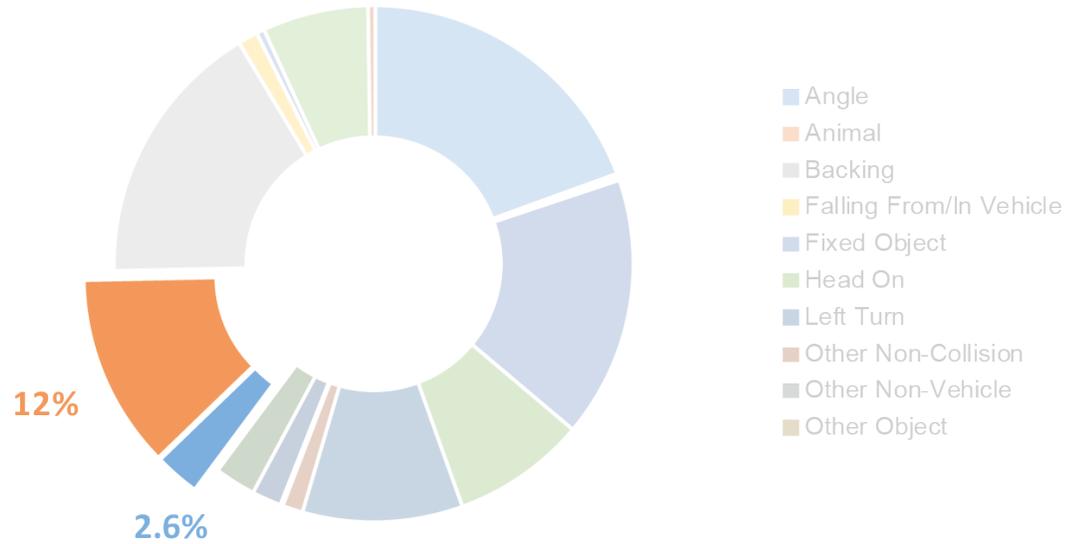
Active Transportation Plan Update



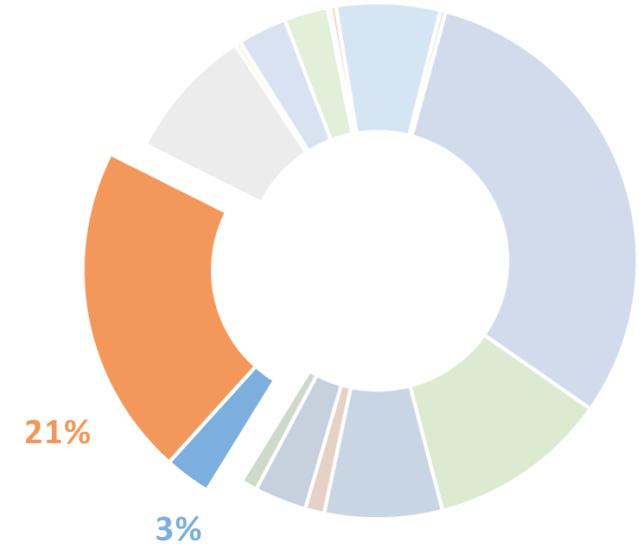
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Regional Context

Percentage of **Serious Injuries** by Type



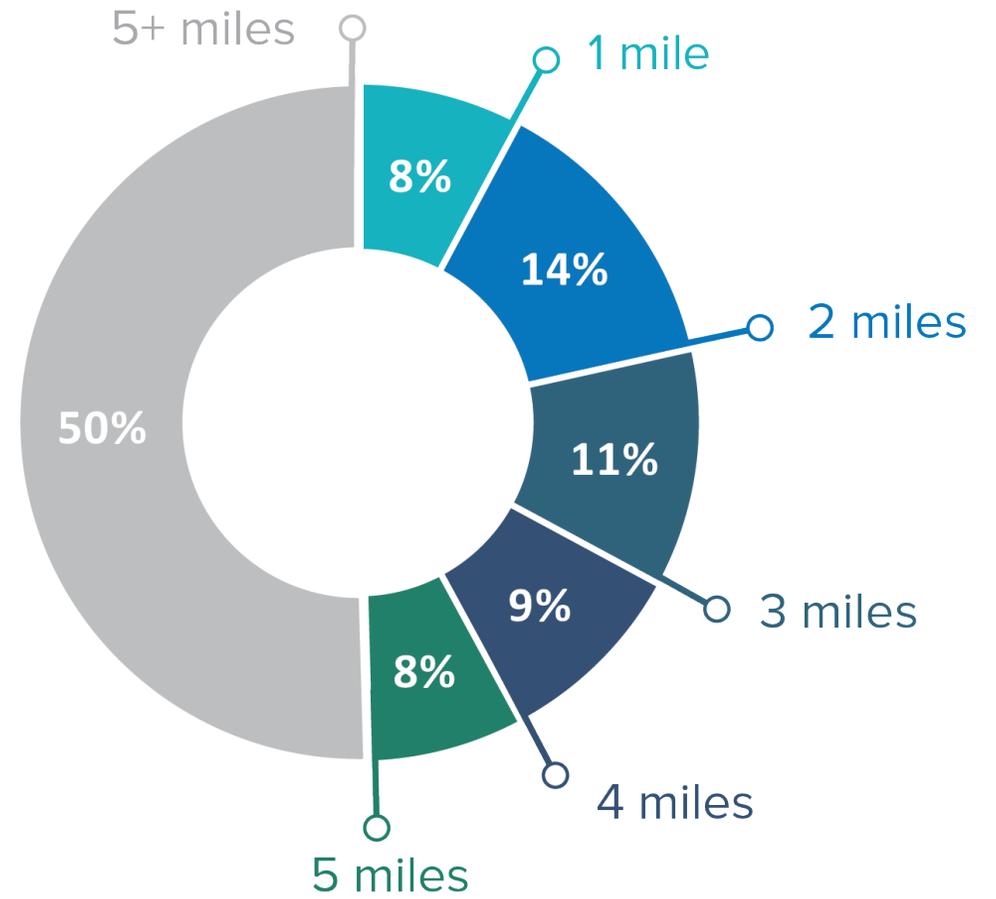
Percentage of **Fatalities** by Type



Regional Potential

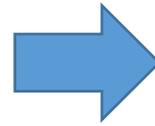
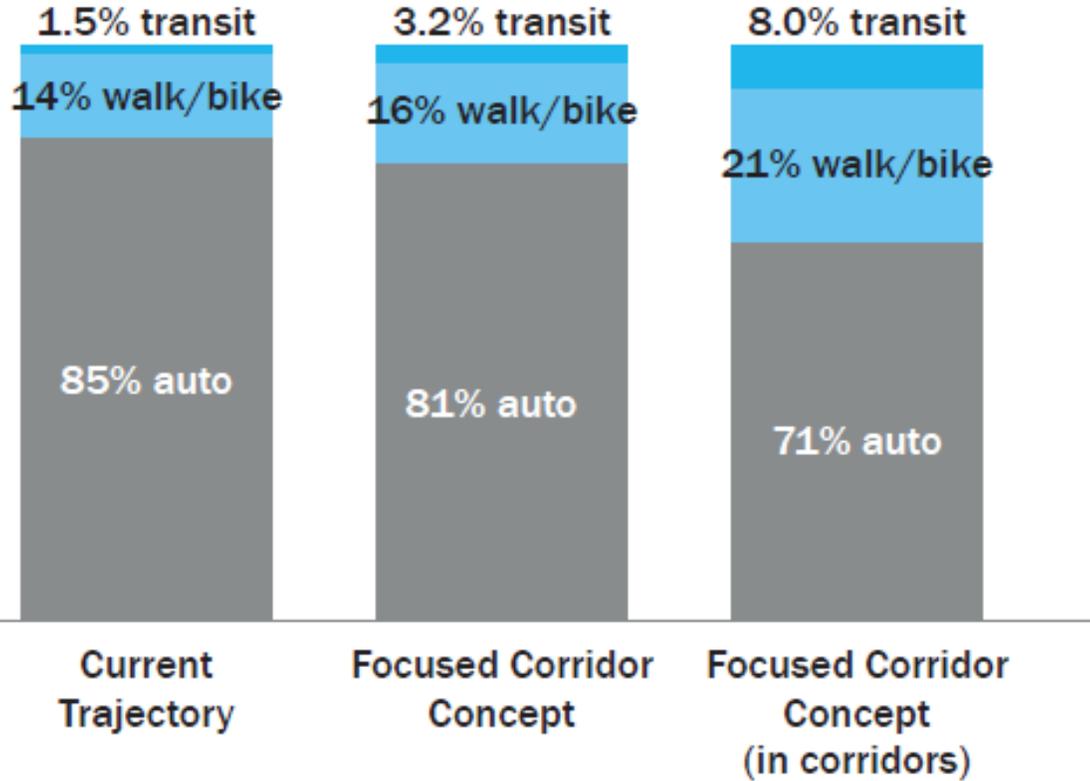
Half of all trips are **5 miles or less**

1/3 of trips are **3 miles or less**



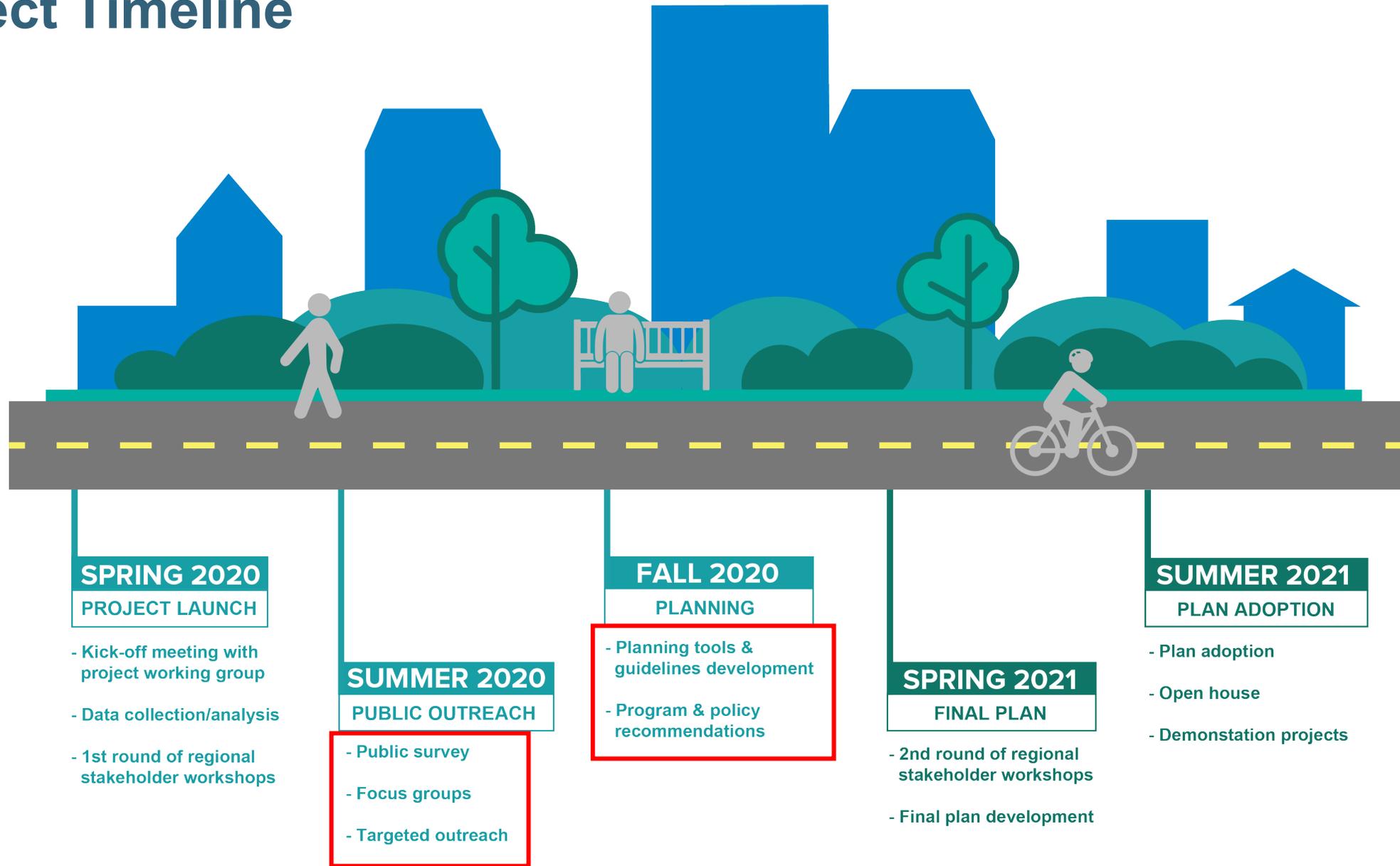
Mode Share//Mode Shift

Transportation Mode Share



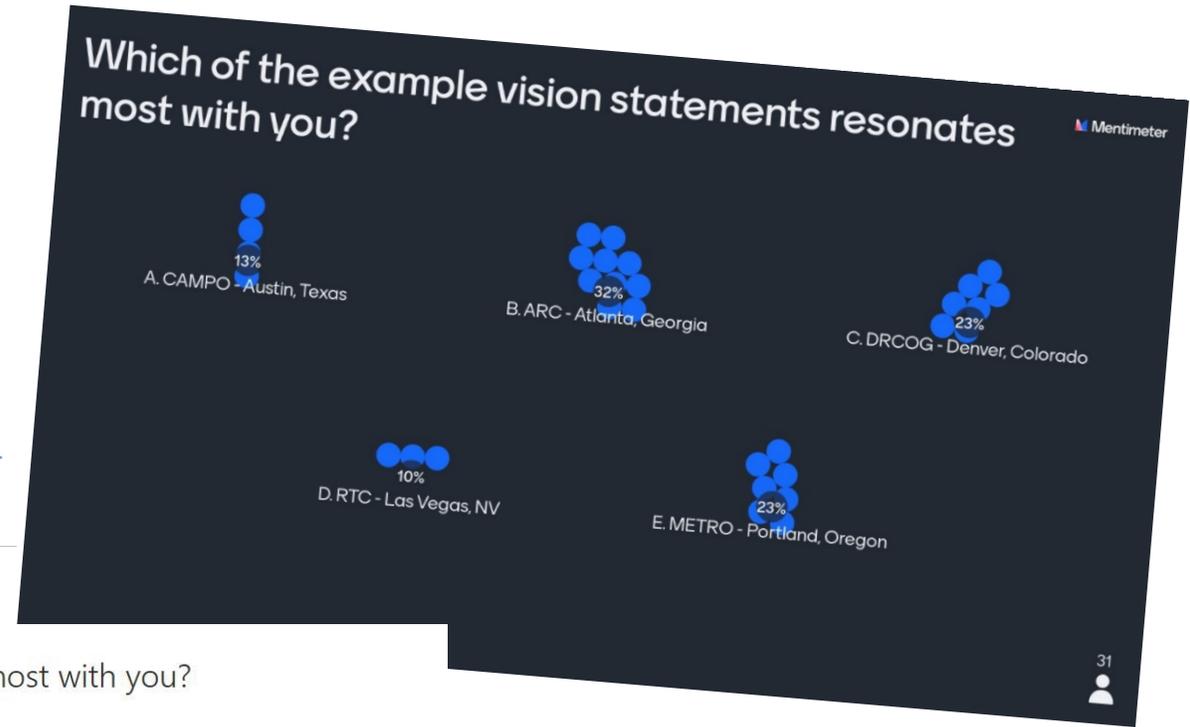
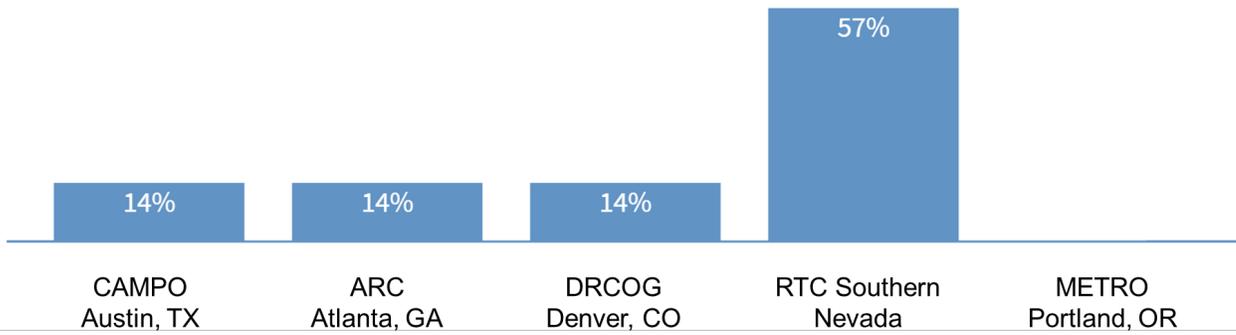
29% OF TRIPS
By Transit, Walking, Biking

Project Timeline



ATP Vision Statement

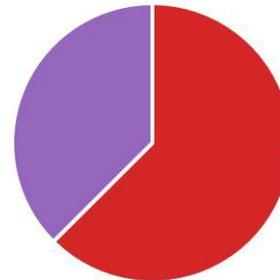
Which of the following vision statements resonates most with you?



1. Which of the example vision statements resonates most with you?

[More Details](#)

- Capital Area Metropolitan Pla... 0
- Atlanta Regional Commission ... 0
- Denver Regional Council of G... 0
- Regional Transportation Com... 5
- METRO (Portland, OR): In 204... 3

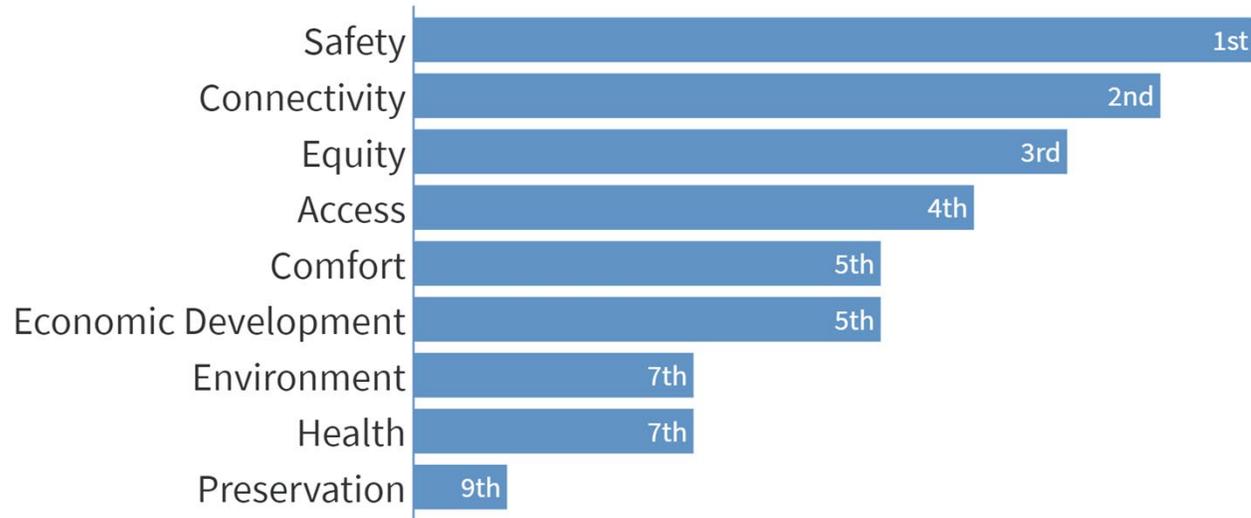


ATP Vision Statement

Central Ohio will **implement and maintain** an **equitable network** of active transportation infrastructure **that ensures the regional transportation system supports and accommodates mobility for all users**, inclusive of all ages and abilities, while **advancing the regional priorities** established in the Metropolitan Transportation Plan.

ATP Goals

Please rank the following potential goals:



Please rank the following potential goals:



ATP Goals

1. Increase the **safety** of Central Ohio's transportation system for vulnerable roadway users.
2. Improve the level of **comfort** on the regional transportation system for vulnerable roadway users.
3. Expand the **connectivity** of Central Ohio's low-stress transportation network.
4. Increase **access** to active transportation infrastructure across Central Ohio.



ATP OUTREACH PLAN

Tobi Otulana



OUTREACH STRATEGY

- Support the ATP goals & objectives
- Support development of policies, programs & design guidelines



PUBLIC OUTREACH

- ODOT's Walk Bike Ohio Survey
 - Distributed statewide
 - ~ 2,000 responses within the MPO
 - Not demographically representative
- Central Ohio Walking & Bicycling Survey
 - Closed December 4, 2020

STAKEHOLDER OUTREACH

- Youth
- Older Adults
- Minority Health
- People with Disabilities
- Economic Development



COMMUNITY MEMBER OUTREACH

- Single parent
- Youth and parent/guardian
- College student
- Person with a mobility-related disability
- No-vehicle household
- Resident of MTP environmental justice (EJ) technical analysis area

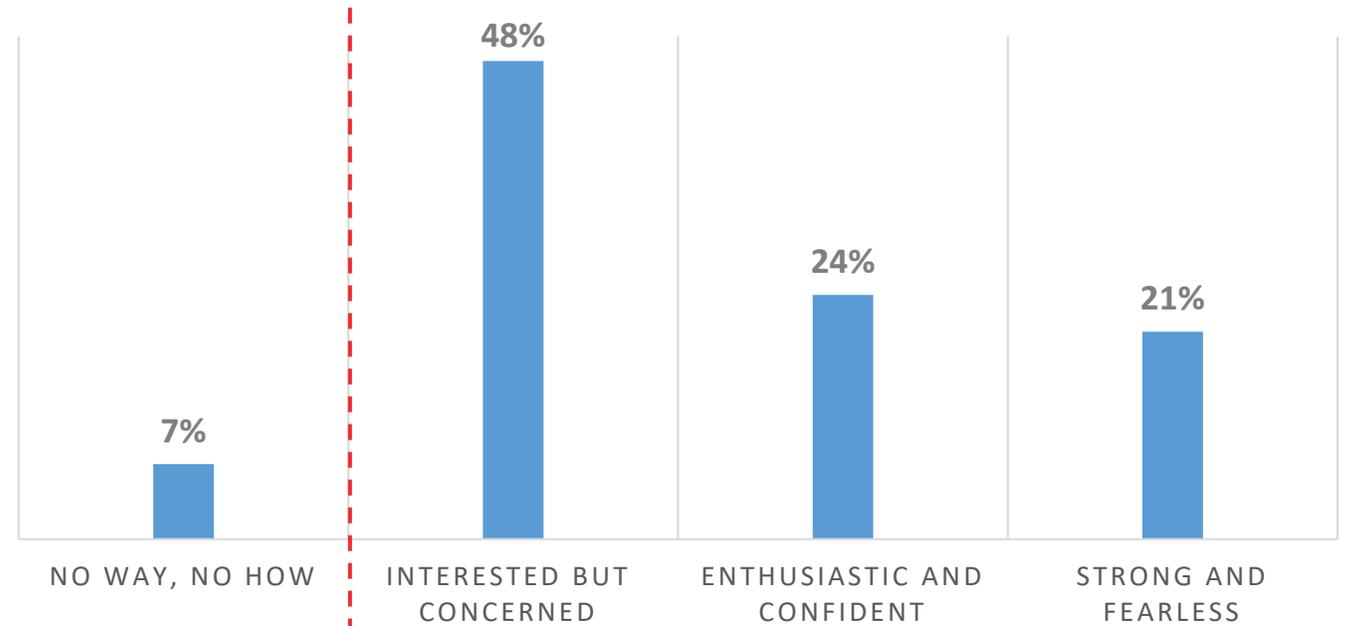
LEVEL OF TRAFFIC STRESS ANALYSIS

Lauren Cardoni



Design User Profiles

MORPC MPO Area



Source: ODOT
Walk.Bike.Ohio Survey

2020 ACTIVE TRANSPORTATION PLAN

Level of Traffic Stress (LTS)

- LTS-1: Low Traffic Stress Bikeway
 - Comfortable for “interested, but concerned”
- LTS-2: Moderate Traffic Stress Bikeway
 - Comfortable for “somewhat confident”
- LTS-3: High Traffic Stress Bikeway
 - Comfortable for “highly confident”
- LTS-4: Extreme Traffic Stress
 - Not comfortable for most



How is the LTS Rating Determined?

Criteria:

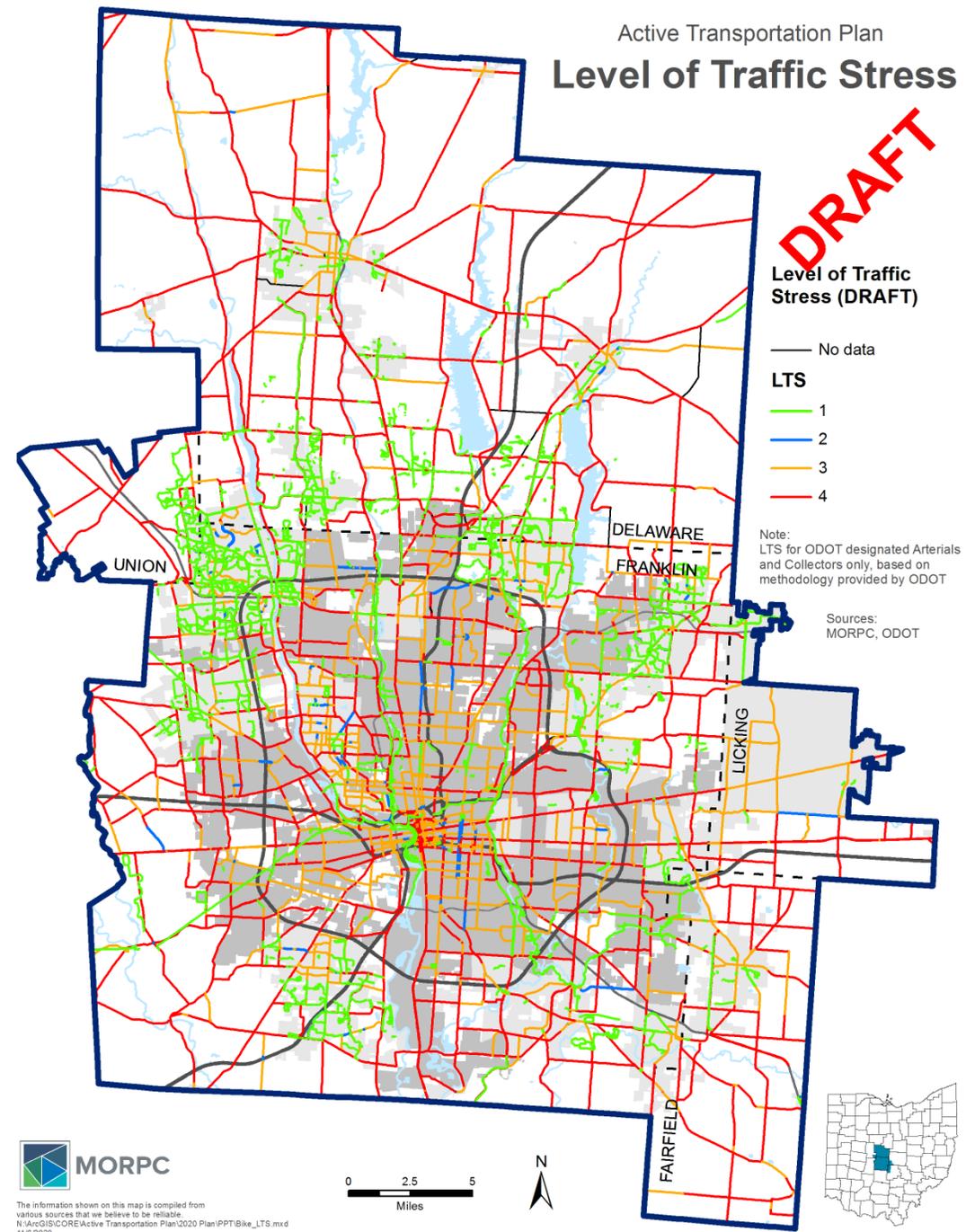
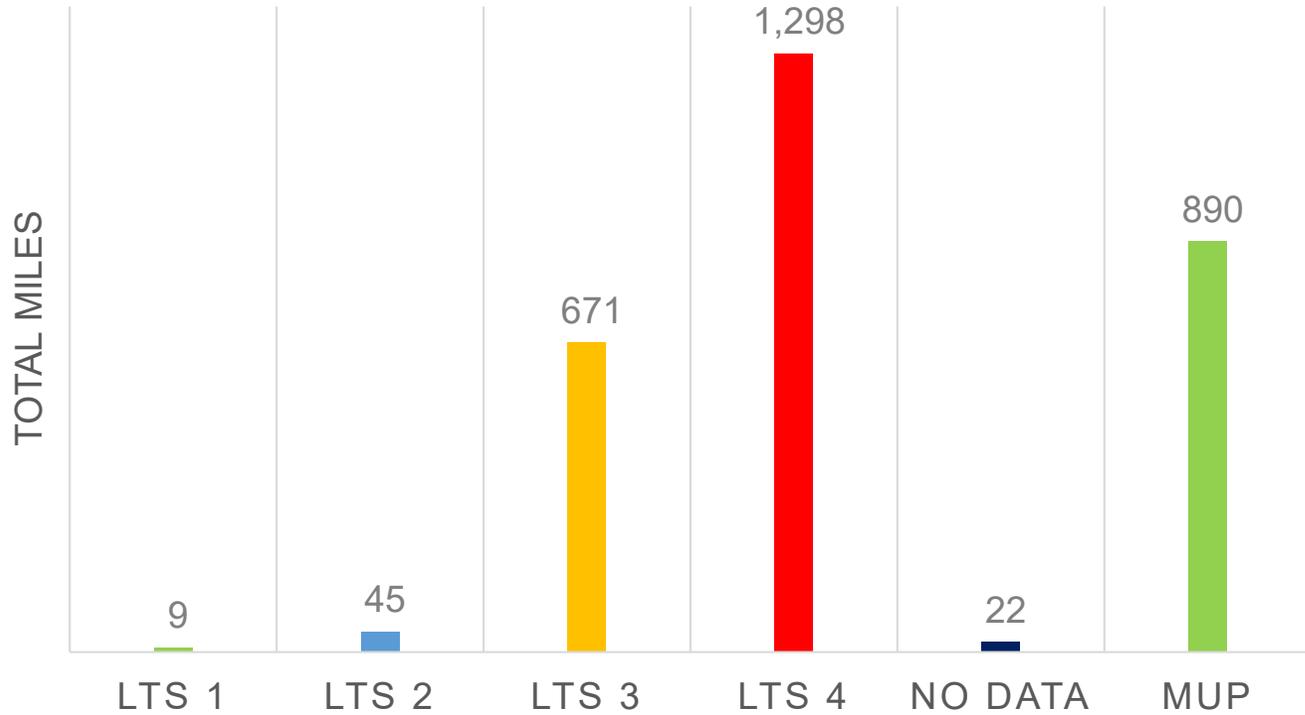
- Type of Bike Facility
- Posted Speed Limit
- Average Annual Daily Traffic (AADT)
- Direction of Travel
- Number of Travel Lanes
- ~~Presence of Centerline~~
- ~~Presence of On-Street Parking~~

Typologies:

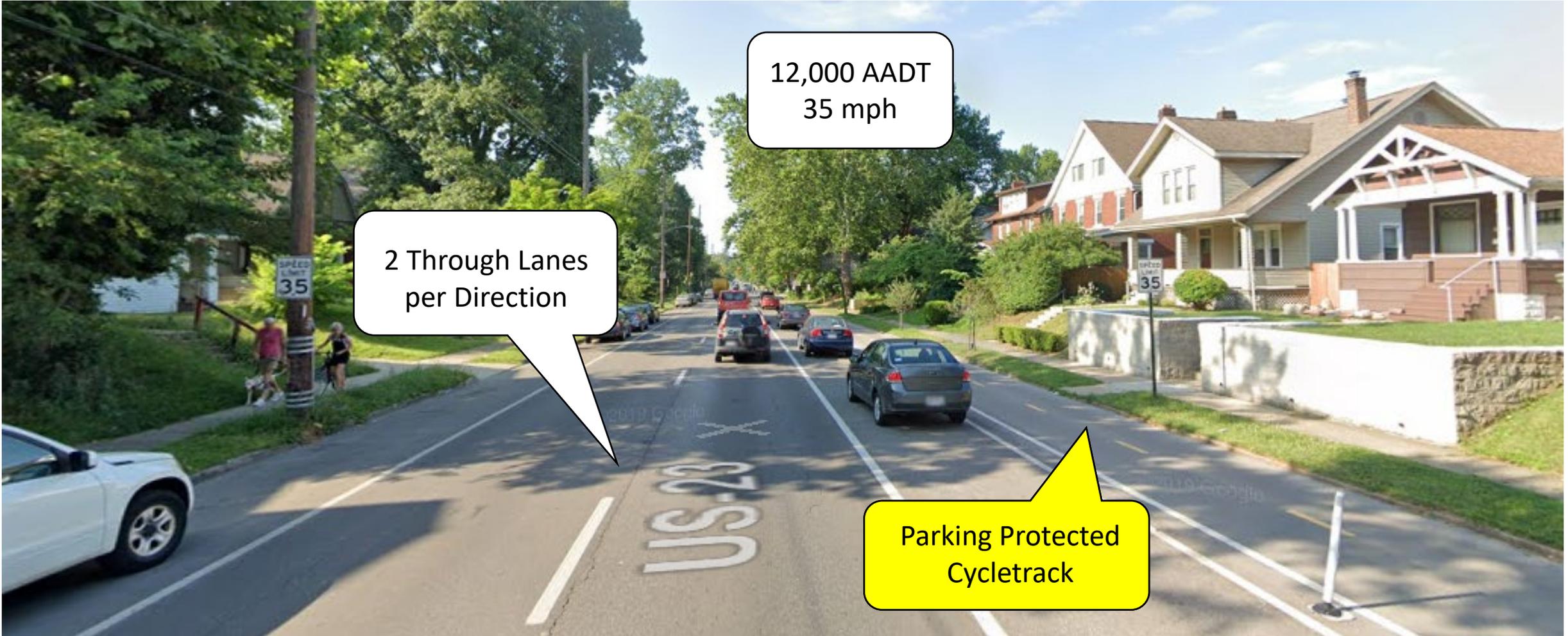
- Streets with shared travel lanes
- Streets with *designated* bike facilities
- Streets with *separated* bike facilities

Regional LTS

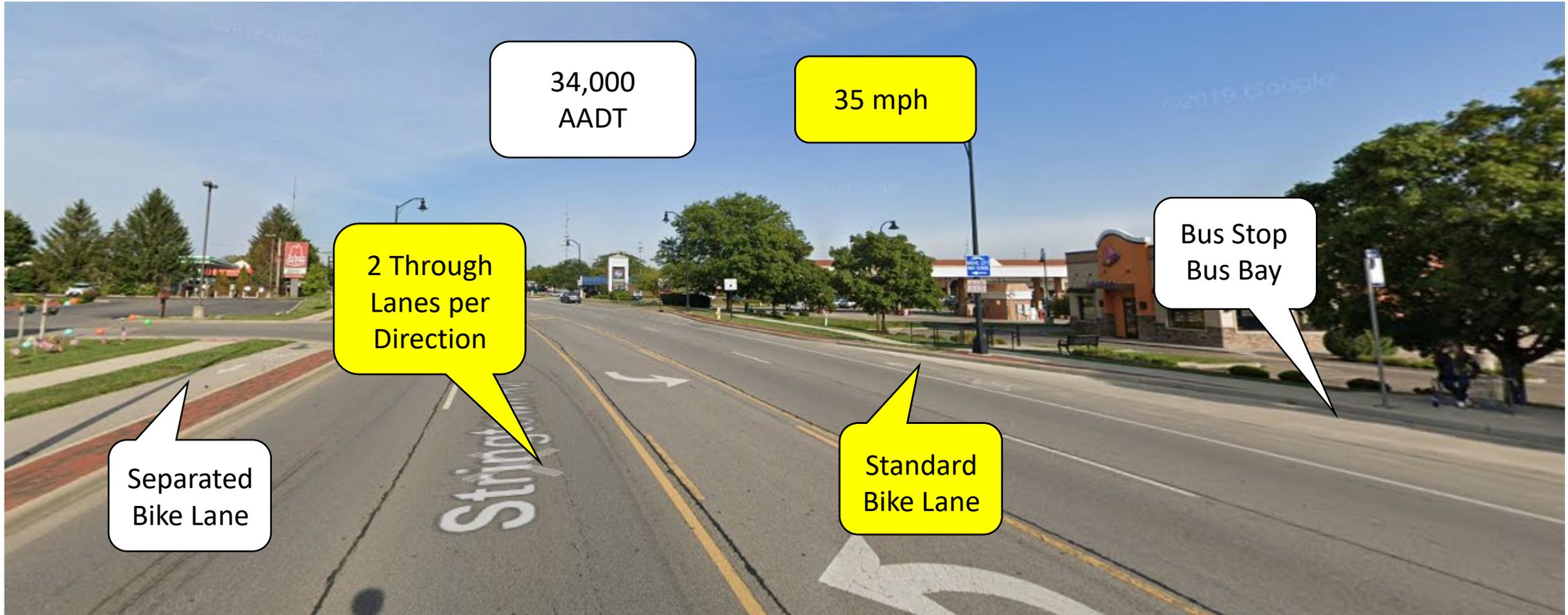
MILES OF LTS BY RATING



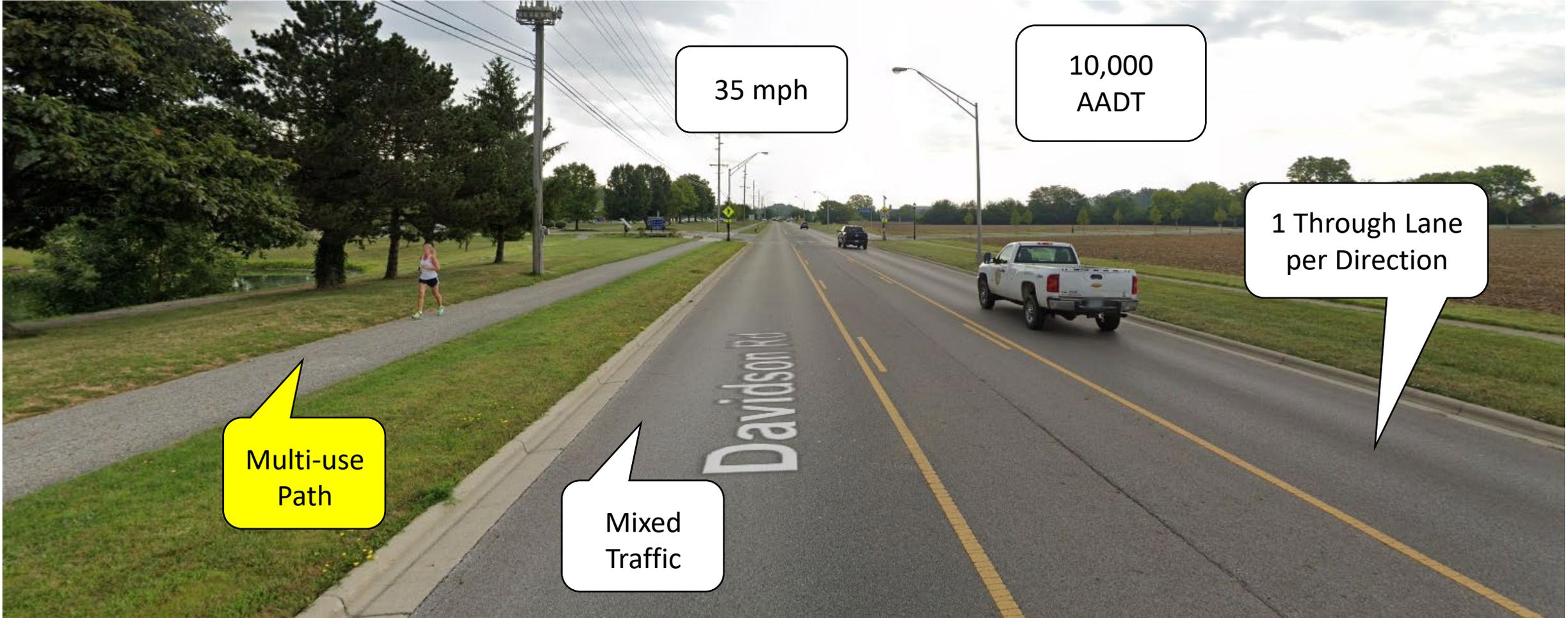
LTS 1: Summit Street / US 23 (Columbus)



LTS 2: Stringtown Road (Grove City)



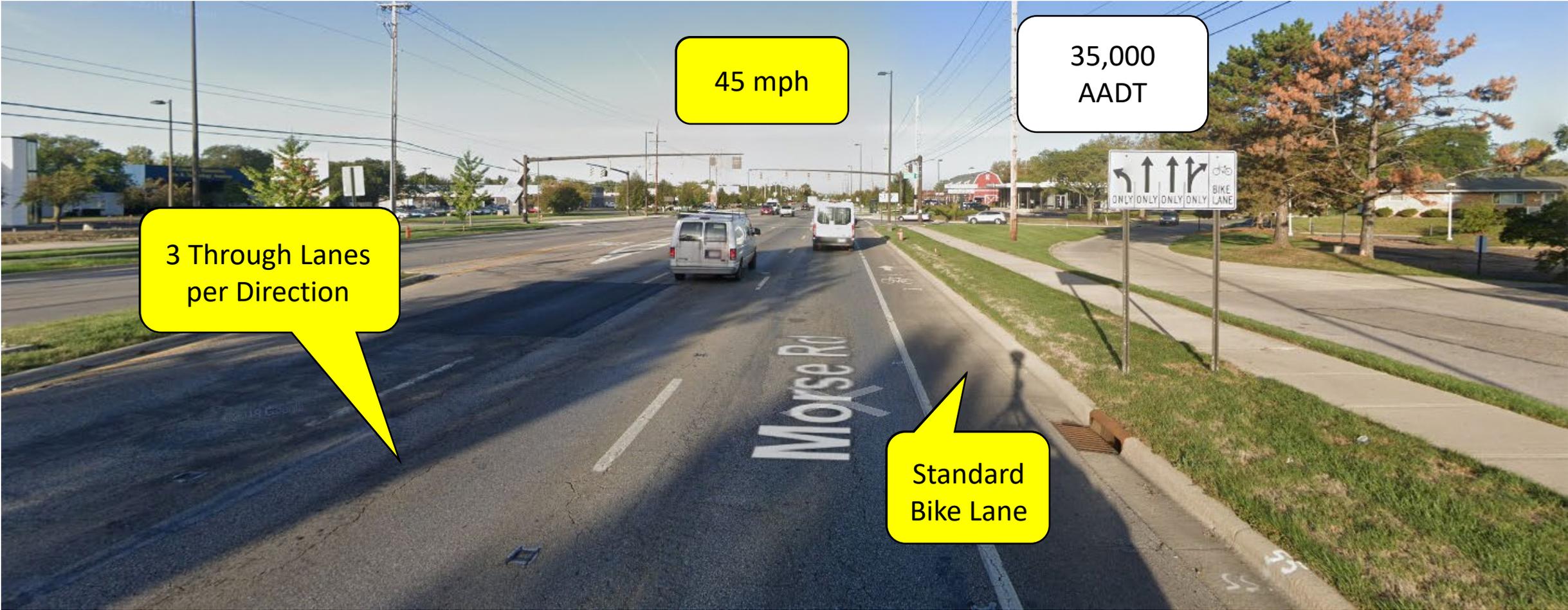
LTS 3 (or LTS 1?): Davidson Road (Hilliard)



LTS 3: Pennsylvania Ave (Delaware)



LTS 4: Morse Road (Columbus)



45 mph

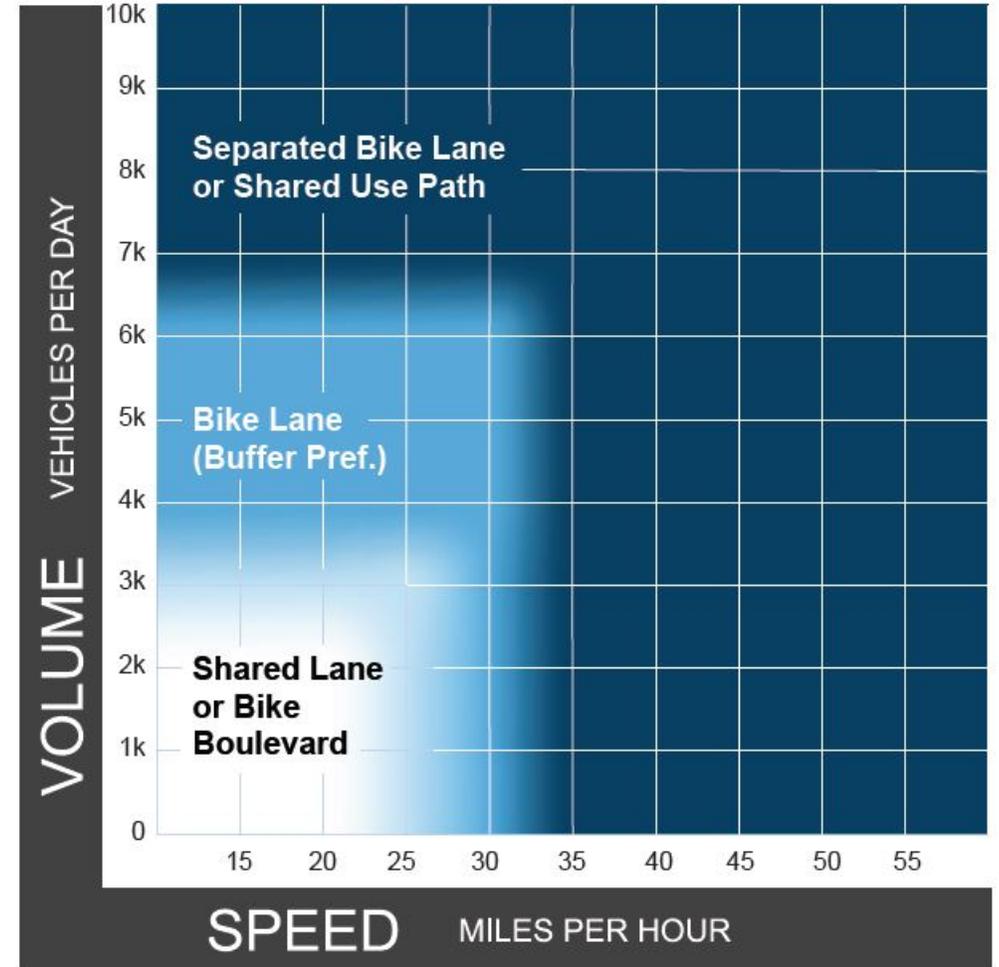
35,000
AADT

3 Through Lanes
per Direction

Standard
Bike Lane

How to Improve LTS

- Match the bike facility to the characteristics of the roadway
- Higher speed and higher volumes require more separation
- Bike lanes fine with moderate volumes and speeds (buffer pref.)
- Shared lanes work best with low speeds and volumes

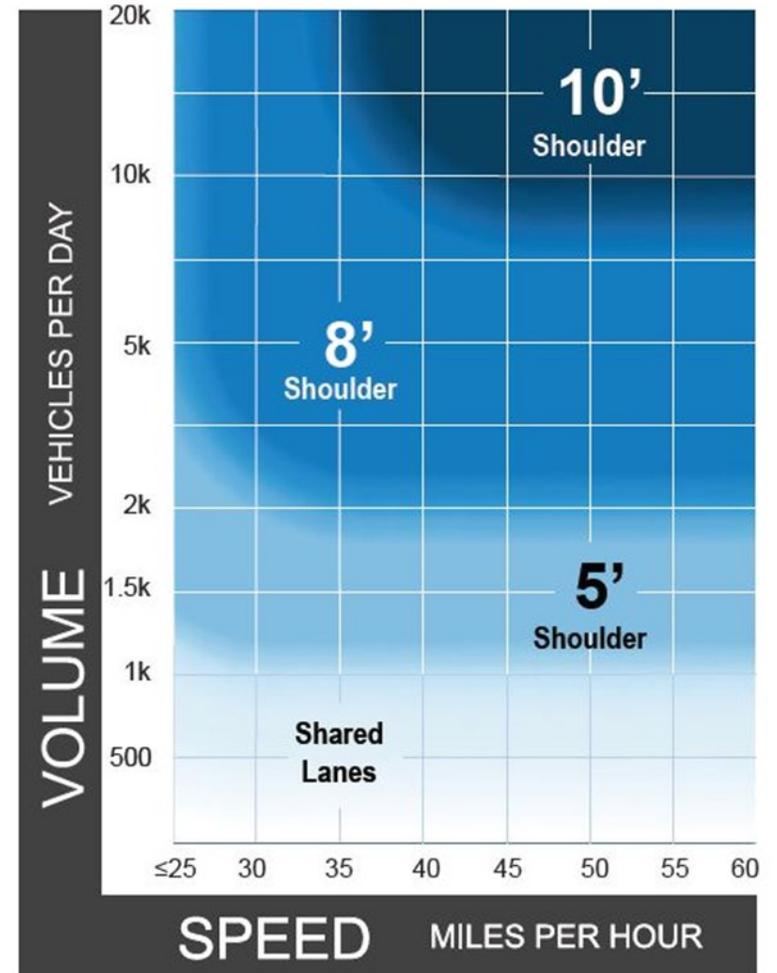


Source: FHWA Bikeway Selection Guide; Preferred Bikeway Type for Urban, Urban Core, Suburban and Rural Town Contexts

How to Improve LTS

RURAL ROADWAYS

- Typical rural bicyclist – highly confident
- Shoulders preferred, width may vary
- Narrow shoulder better than no shoulder
- MUP is desirable above 45 mph



Source: FHWA Bikeway Selection Guide;
Preferred Shoulder Widths for Rural Roadways

ATP NEXT STEPS

FIRST QUARTER 2021

- Focus Groups
 - February 2021
- Steering Committee Meeting #4
 - March 16, 2021

SECOND-THIRD QUARTER 2021

- Stakeholder Workshop Round 2
 - Spring 2021
- Final Plan Development
 - Spring – Summer 2021

Active Transportation Committee



MID-OHIO REGIONAL
MORPC
PLANNING COMMISSION

Active Transportation Committee

- Sub-committee to TAC
 - Advise TAC on Active Transportation
- Committee Co-Chairs
 - Two-year terms
 - Current term will end Dec 2021
- Working Groups
 - Complete Streets Policy Update
 - Active Transportation Plan



Action Plan



GOALS:

1. Advocate for and pursue the implementation of innovative and low-stress active transportation infrastructure throughout Central Ohio.
 - Through policies, programs, initiatives, and resources for MORPC members
2. Collaborate on and coordinate efforts to significantly reduce severe injuries and fatalities for people walking and bicycling or using active transportation facilities in our region.
 - By supporting Safety Plan implementation
3. Increase regional stakeholders' understanding of the sustainability, economic, health, social, and transportation benefits of a connected active transportation network.
 - Through education opportunities like Central Ohio Greenways Forum or Summit on Sustainability

Action Plan



MORPC
MID-OHIO REGIONAL PLANNING COMMISSION

Advocate for and pursue the implementation of innovative and low-stress active transportation infrastructure throughout Central Ohio.

Action Items:

- **Serve as experts** to advise the Transportation Advisory Committee (TAC).
- **Support achievement of all active transportation related goals** in current and future versions of the Metropolitan Transportation Plan (MTP), Active Transportation Plan (ATP), and Regional Sustainability Agenda (RSA).
- **Identify policies, programs, initiatives, and resources** that MORPC and other partners can pursue for low-stress network education and implementation.
- **Provide resources and support multi-jurisdictional coordination** in planning and implementation of active transportation infrastructure.

Action Plan



Collaborate on and coordinate efforts to significantly reduce severe injuries and fatalities for people walking and bicycling or using active transportation facilities in our region.

Action Items:

- **Support achievement of all active transportation related goals** in the Central Ohio Transportation Safety Plan (COTSP).
- **Assist MORPC partners with developing and adopting transportation and land use policies** that prioritize the safety of people walking and bicycling, or using active transportation facilities.
- **Encourage collaboration and coordination** along multi-jurisdictional priority safety locations.

ATC 2021 Schedule

- **Tuesday, January 26**
- 9 am to 11 am



- **Tuesday, April 13**
- 9 am to 11 am

- **Tuesday, October 19**
- 9 am to 11 am

- **Tuesday, July 13**
- 9 am to 11 am

Updates and Announcements

July 2020



MORPC
MID-OHIO REGIONAL PLANNING COMMISSION



LinkUS Update

Justin Goodwin, City of Columbus



MORPC
MID-OHIO REGIONAL PLANNING COMMISSION



Attributable Funding Update



MID-OHIO REGIONAL
MORPC
PLANNING COMMISSION

MORPC-Attributable Funding Timeline



- ~~March~~: MORPC adopts Policies
- ~~June 3~~: MORPC hosts applicant workshop, 2:30
- ~~July 10~~: Commitment Update Form due
- ~~July 17~~: Screening Applications for new funding due
- ~~Early August~~: Staff completes review of Updates. Provide feedback to applicants and revised forecast of available funding
- ~~October 9~~: Final Applications due
- ~~November 4~~: Ad-interim AFC members change
- **October - January**: Staff review and score applications & AFC review and recommends funding commitments
- **February 2021**: Draft list of funding commitments available for public review and comment
- **May 2021**: MORPC Adopts list of attributable funding commitments

MORPC-Attributable Funding Applications

ESTIMATED FUNDING AVAILABLE

- \$69 million total
- Major Widening/New Roadway
 - \$35 to \$55 million
- Minor Widening/Intersections/Signals
 - \$10 to \$30 million
- System Preservation
 - \$4 to \$15 million
- Transit
 - \$3 to \$25 million
- Bicycle and Pedestrian
 - Up to \$10 million

APPLICATIONS RECEIVED

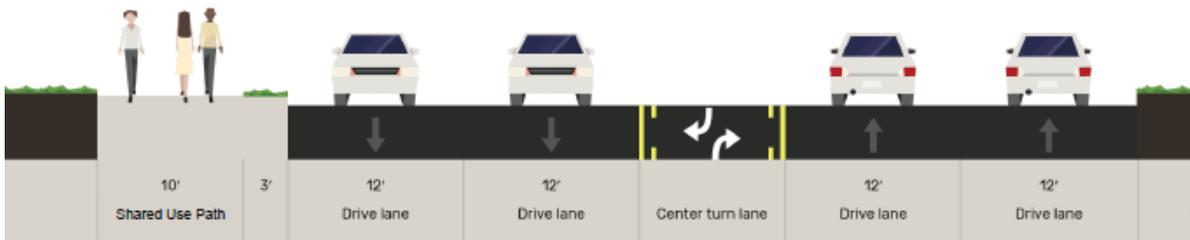
- \$197M in 2020 dollars requested
- 6 Major Widening and New Roadway
 - \$59M requested
- 9 Minor Widening/Intersection/Signals
 - \$61M requested
- 5 System Preservation
 - \$13M requested
- 9 Transit projects
 - \$59M requested
- 2 Bike and Pedestrian
 - \$5M requested

MORPC-Attributable Funding Applications

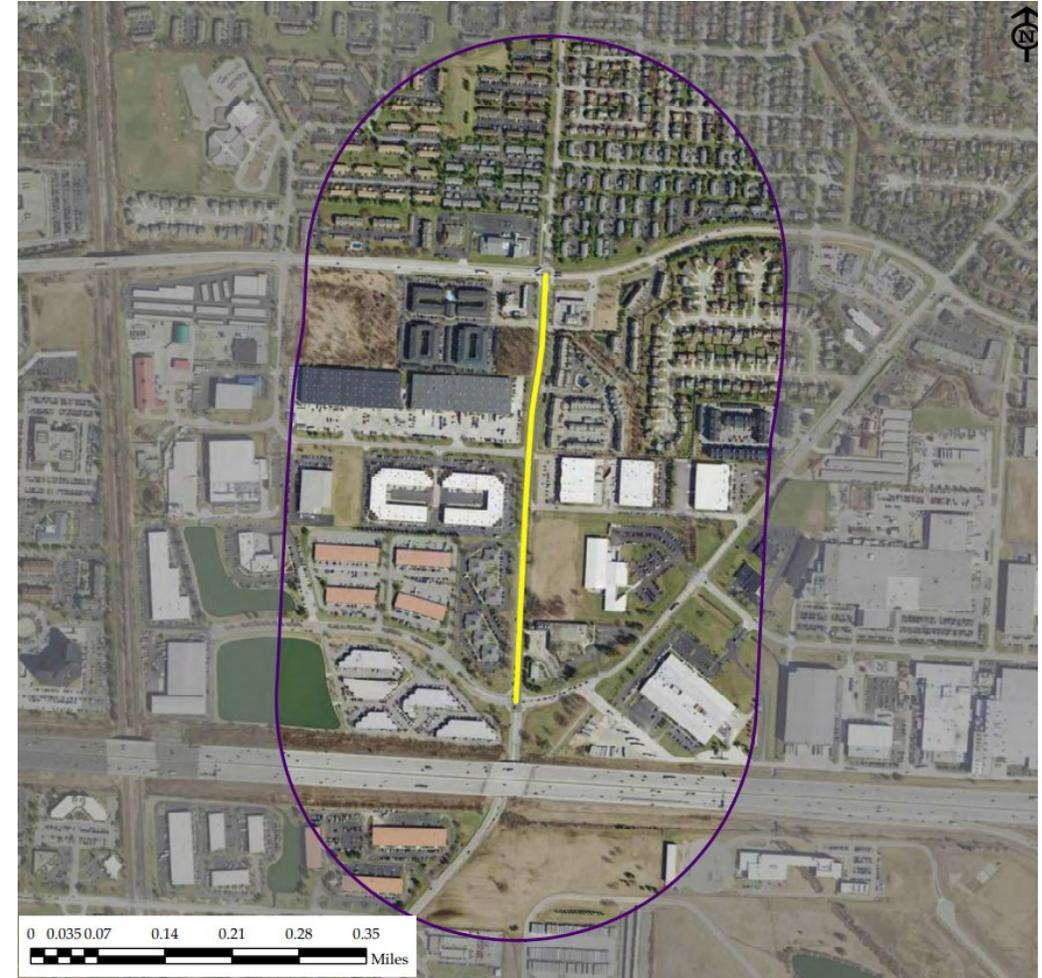


SANCUS BLVD MULTI-USE PATH

- Worthington Galena Road to Worthington Woods Boulevard (.45 miles)
- City of Columbus
- Request (FY20 \$): \$1,442,400
- CON SFY: 2026



Proposed Typical Section
Looking North



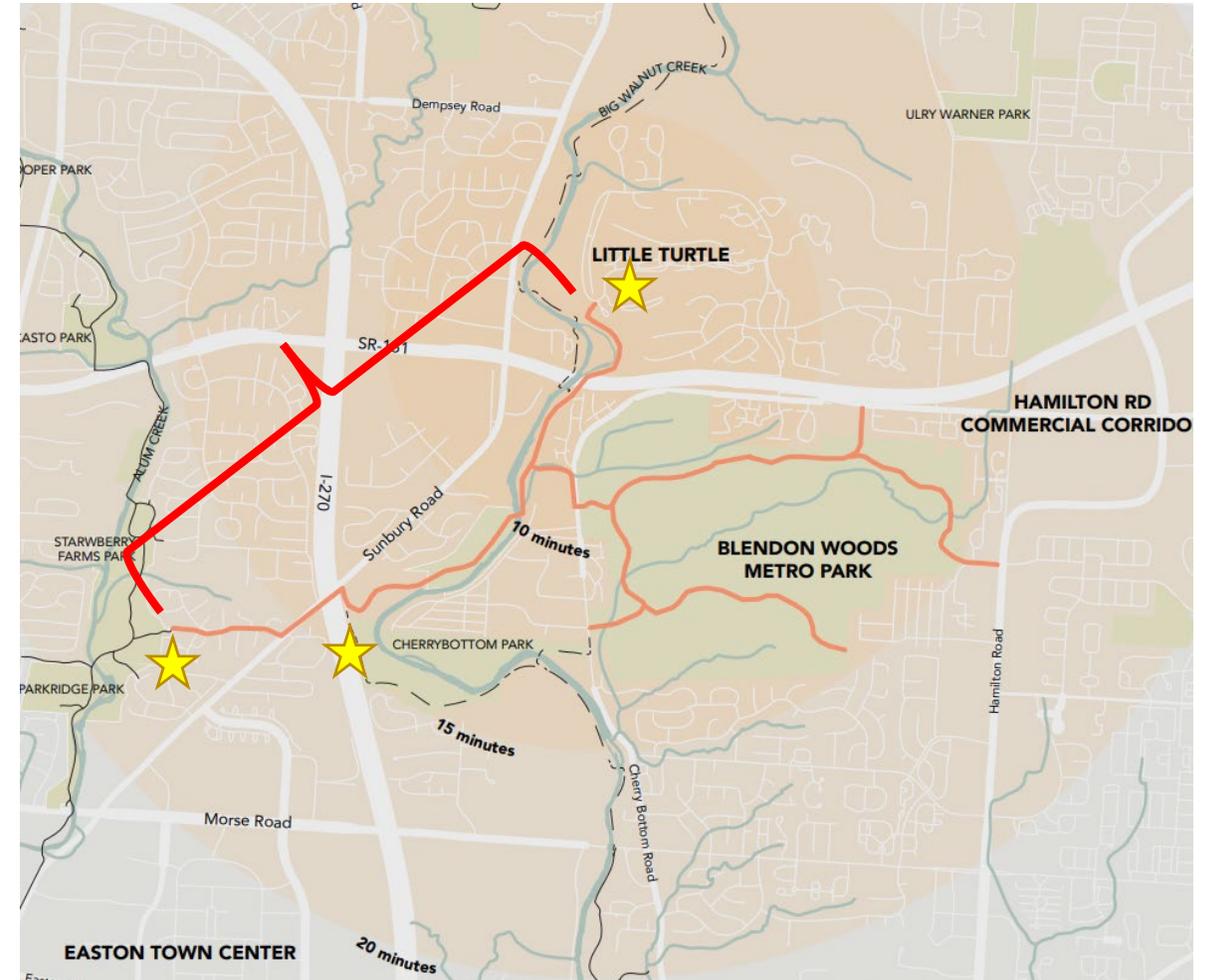
MORPC-Attributable Funding Applications



MORPC

BIG WALNUT TRAIL CONNECTOR

- Little Turtle to Cherrybottom Park/Alum Creek Trail (2.5 miles)
- City of Columbus
- Request (FY20 \$): \$3,814,763
- CON SFY: 2025



Final Announcements



MORPC
MID-OHIO REGIONAL PLANNING COMMISSION

THANK YOU!

