



TAFT STREET

NW 70TH TERRACE TO SR 7 (US 441)

CORRIDOR SAFETY ANALYSIS SUMMARY

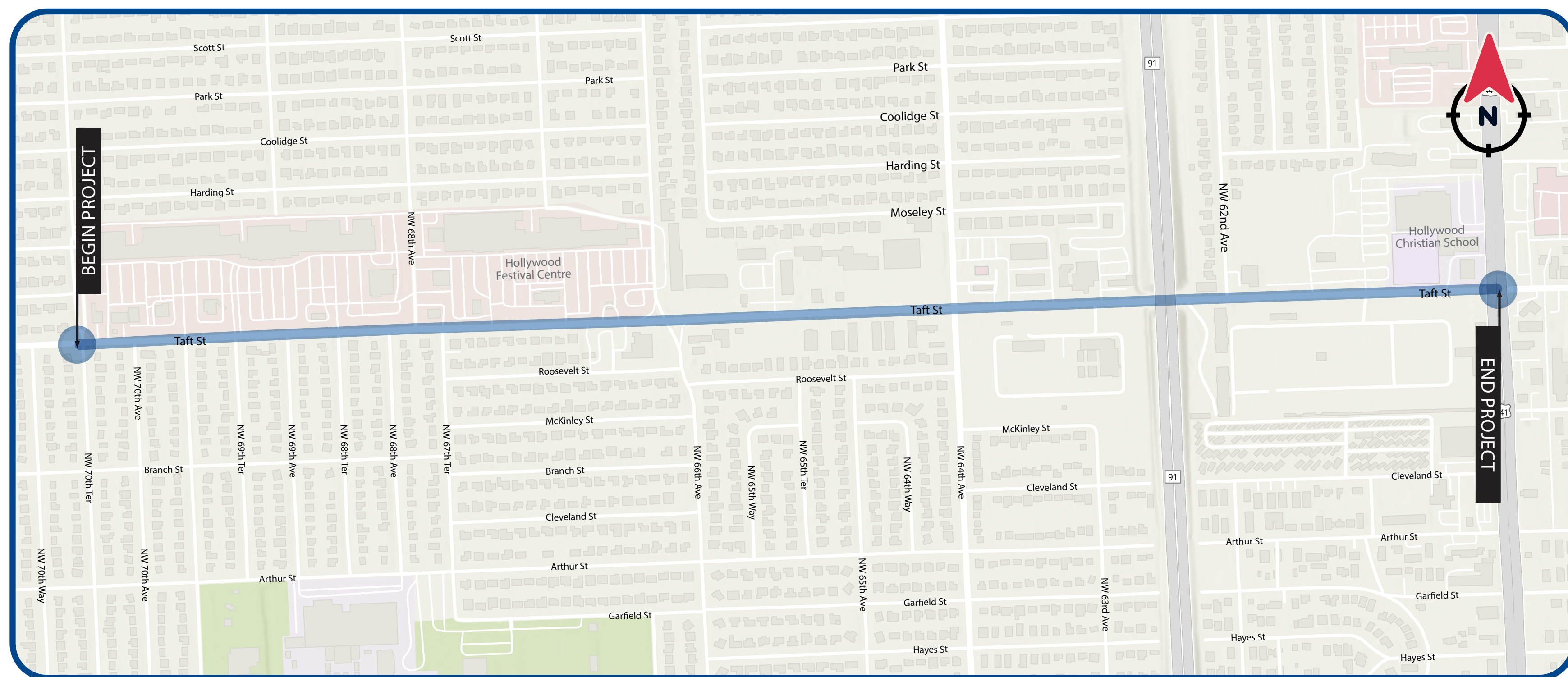


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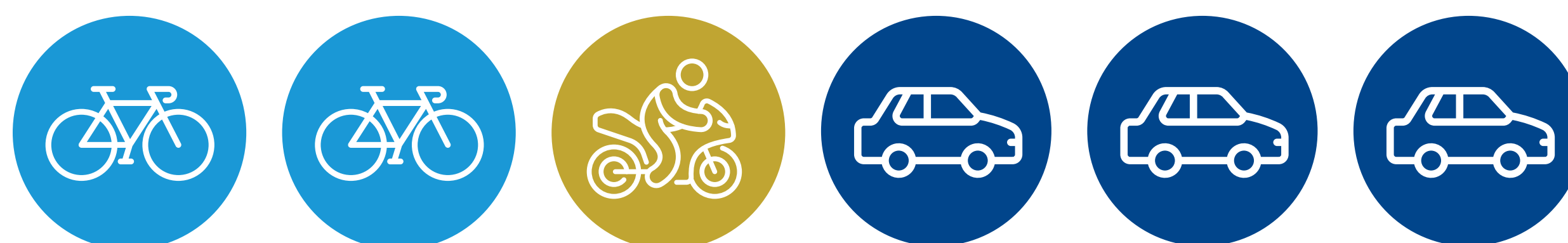
KSI BY MODE (KSI)
*people involved

2 killed/fatalities



50% Bicycle | 50% vehicle

6 serious injuries



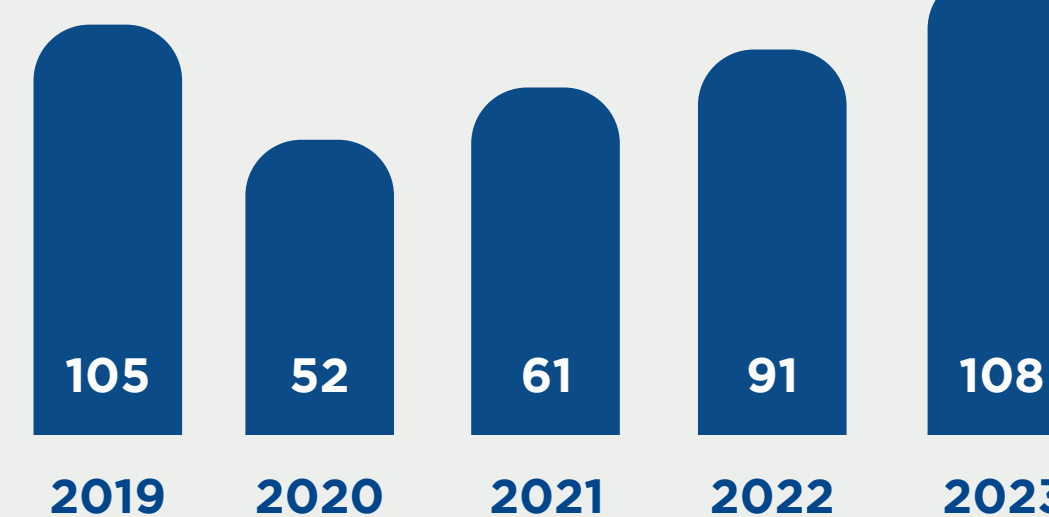
33% Bicycle | 17% motorcyclist | 50% vehicle

Analysis period: 2019-2023

TOTAL CRASHES BY YEAR



(2019-2023)



TOTAL ECONOMIC IMPACT*

\$41,343,940

KSI PER YEAR



(2019-2023)

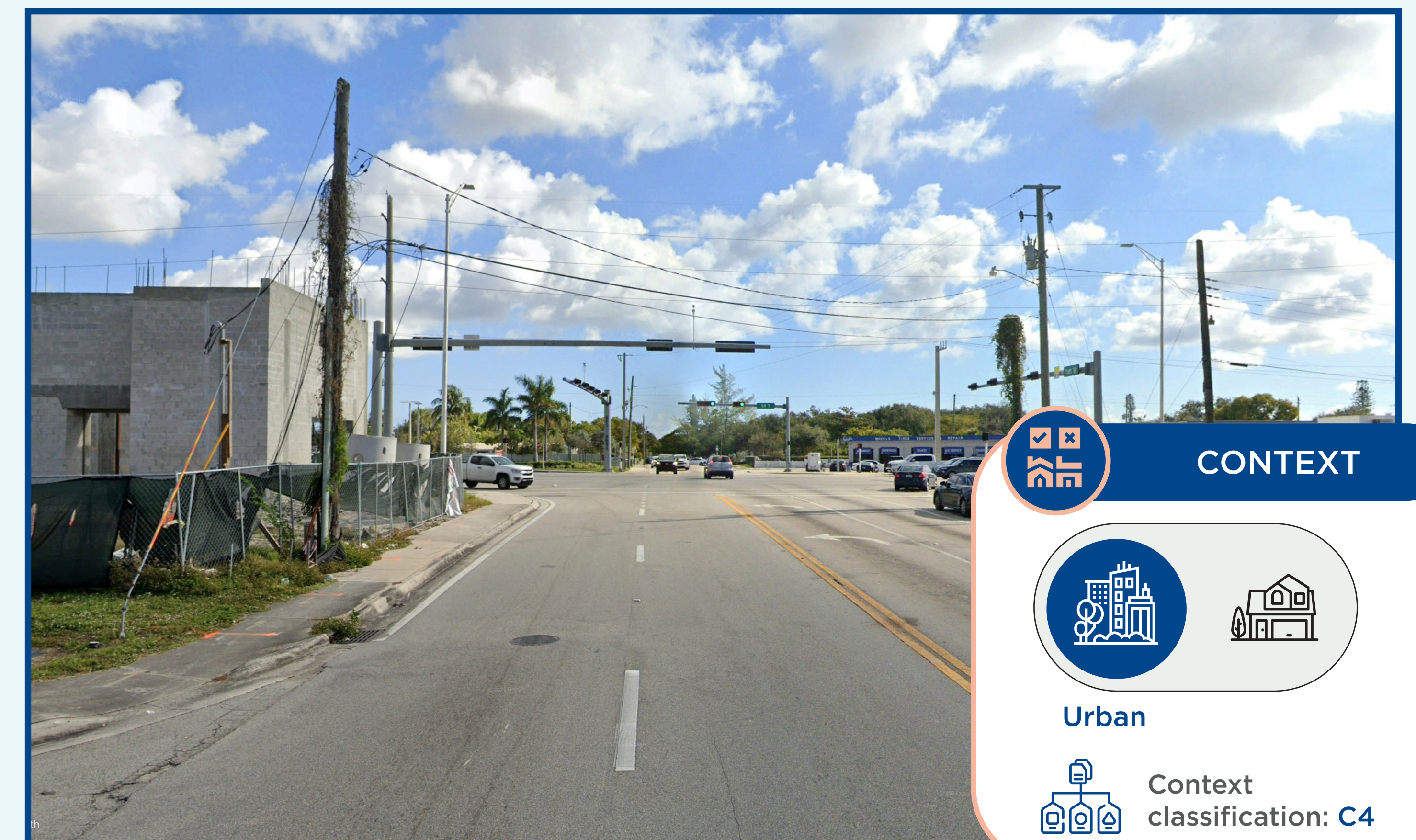


TOTAL ECONOMIC IMPACT*

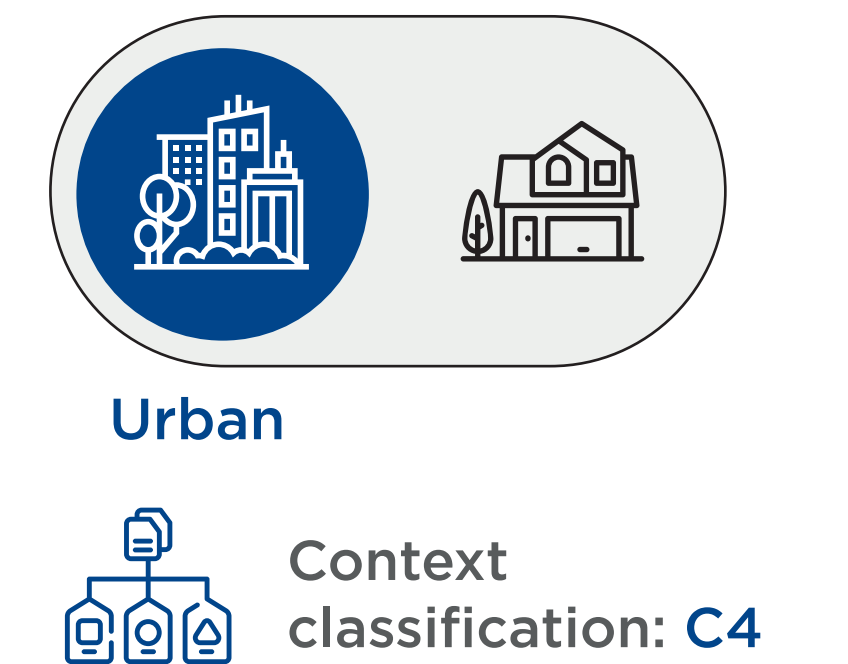
\$27,108,180

Analysis period: 2019-2023

Taft Street: from N 70th Terrace to SR 7 (US 441)



CONTEXT



CORRIDOR CHARACTERISTICS

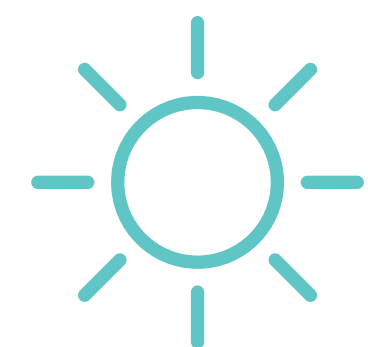
- Number of lanes: 5
- Number of transit stops: 10
- Functional classification: Urban Major Collector

TRAFFIC CONDITIONS

- AADT (2023): 15,200 to 18,800 vpd
- Posted Speed: 35 mph
- Weekday Actual Speed (85th Percentile): 46 mph
- Weekend Actual Speed (85th Percentile): 47 mph



WHEN (ALL CRASHES)



Day Crashes
81%



Night Crashes
19%

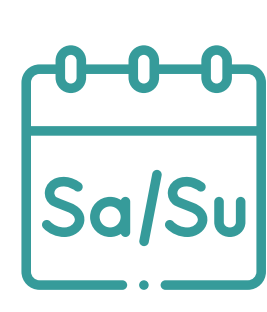
CRASHES RESULTING IN A KSI

Weekdays

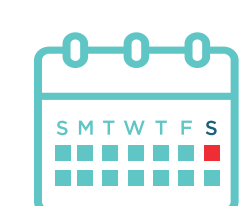


1%

Weekends



1%

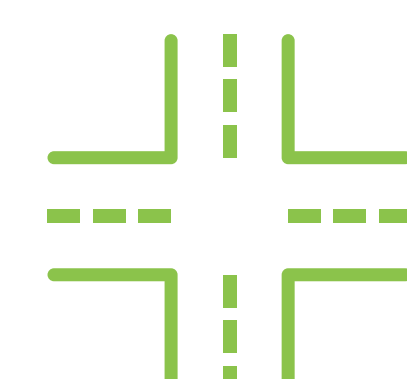


Saturday
< 1% of crashes
resulting in a KSI

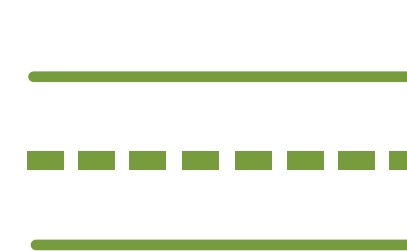
Analysis period: 2019-2023



WHERE (ALL CRASHES)



66%
Crashes at
intersection



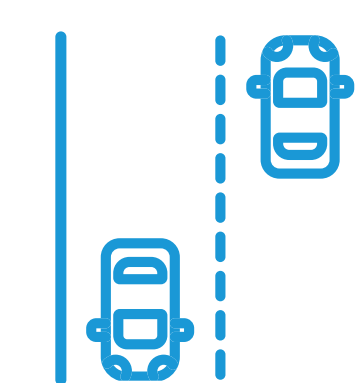
34%
Crashes not at
intersection

Analysis period: 2019-2023



**POTENTIAL CONTRIBUTING
FACTORS (ALL CRASHES)**

ENVIRONMENTAL FACTOR

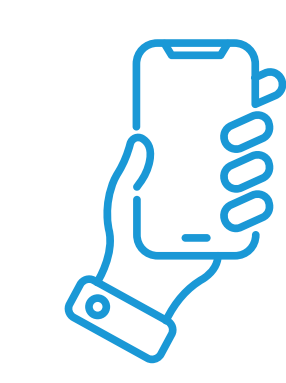


91%
On dry
roads



9%
On wet
roads

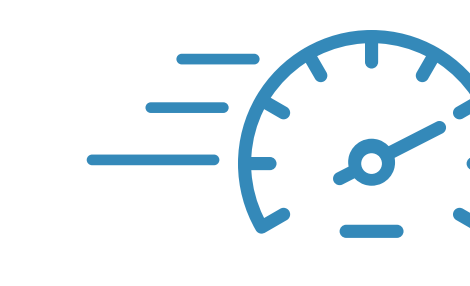
BEHAVIORAL FACTORS



3%
Distracted
driving



1%
Alcohol/Drugs

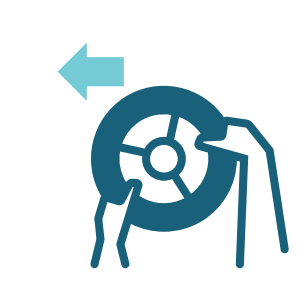


1%
Speeding /
Aggressive driving

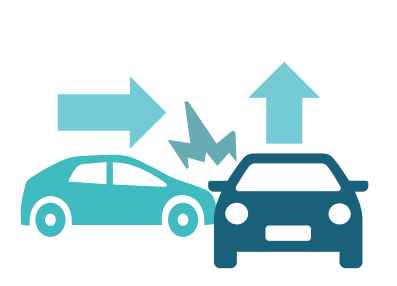
Analysis period: 2019-2023



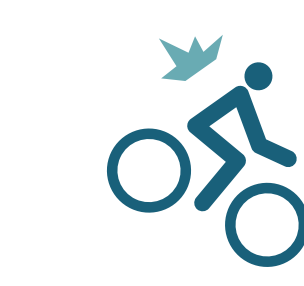
**CRASH TYPE
(KSI CRASHES)**



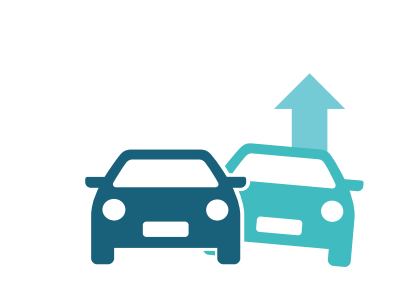
37%
Left Turn



13%
Angle



38%
Bicycle



12%
Rear End

Analysis period: 2019-2023

* Economic costs are monetary costs associated with emergency services deployment, medical services, productivity loss due to victim injury, insurance, and legal costs, cost associated congestion impacts because of the crash, and property damage costs. Monetized pain and suffering costs are an assumption of the costs associated with lost quality-of-life (or Quality-Adjusted Life Years), accounting for reductions in life expectancy and quality of life changes because of a crash.



Sources: Crash data: Signal Four Analytics; Speed Data: Field Counts; Economic Data: FDOT KABCO Crash Costs; AADT: FDOT Traffic Online; Context Classification: FDOT Context Classification Map



TAFT STREET

Corridor Demographics and Areas of Persistent Poverty



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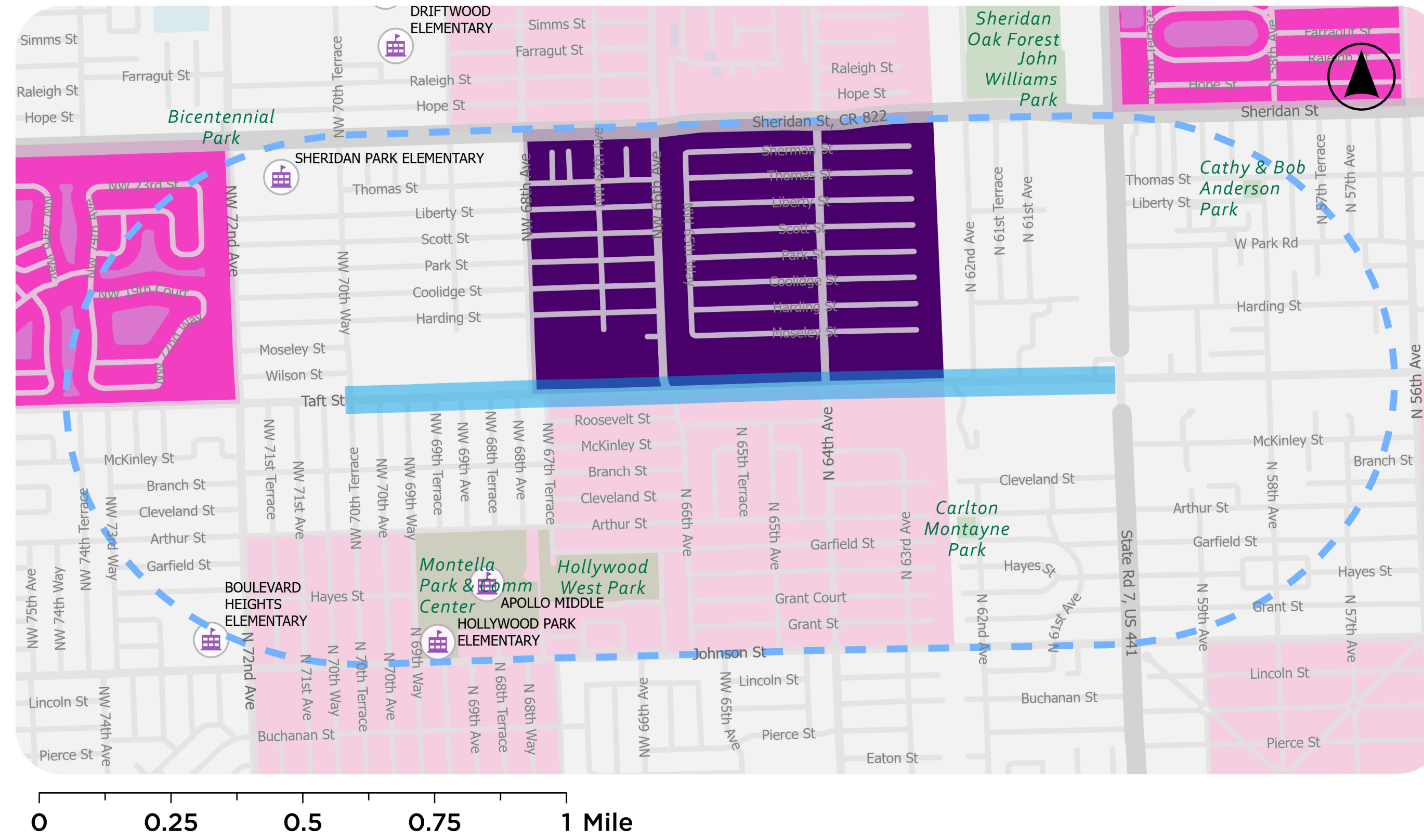
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POPULATION AGES 65 & OLDER



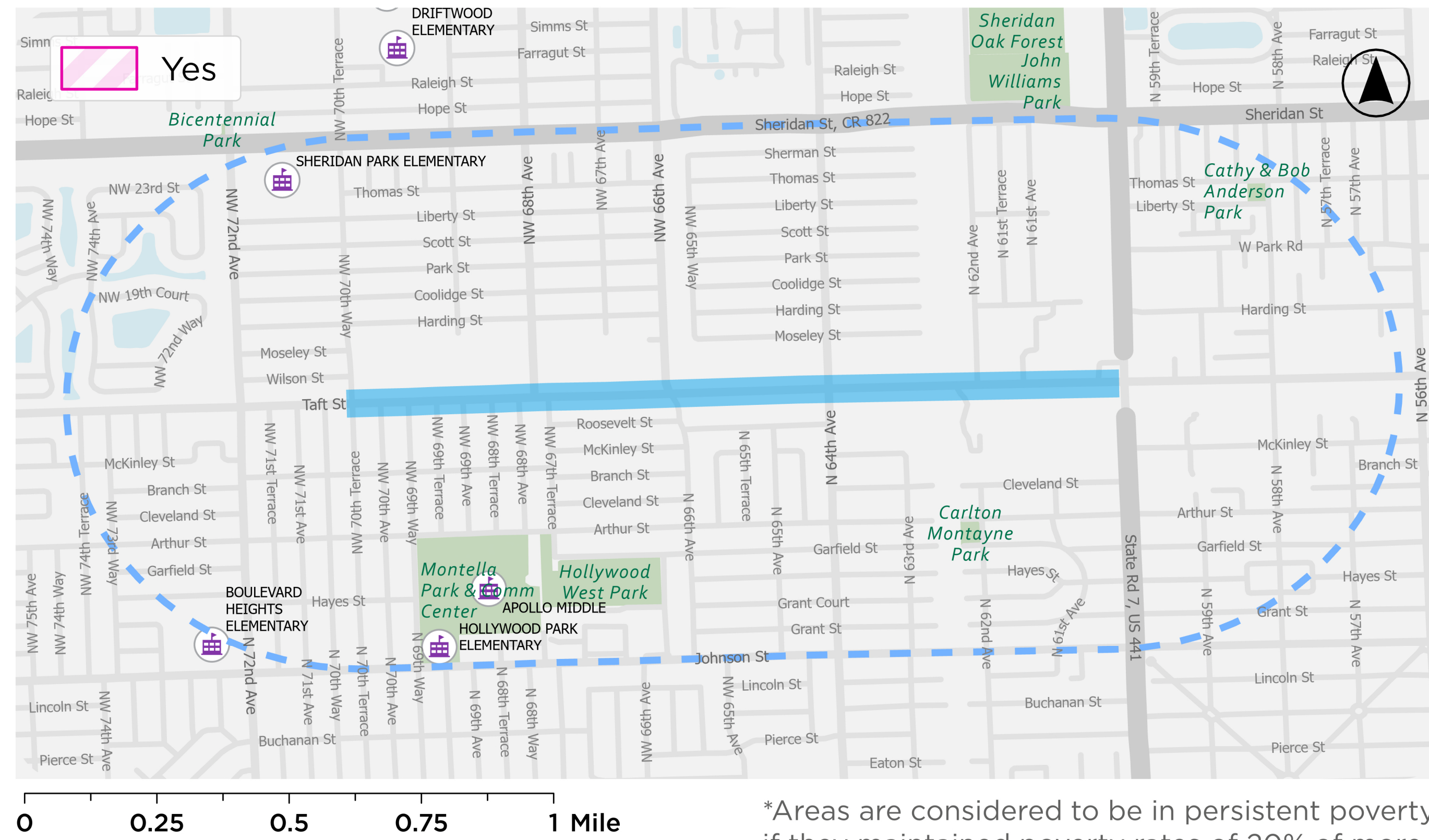
YOUTH AGES 10 TO 17 YEARS



BELOW POVERTY POPULATION



AREAS OF PERSISTENT POVERTY*

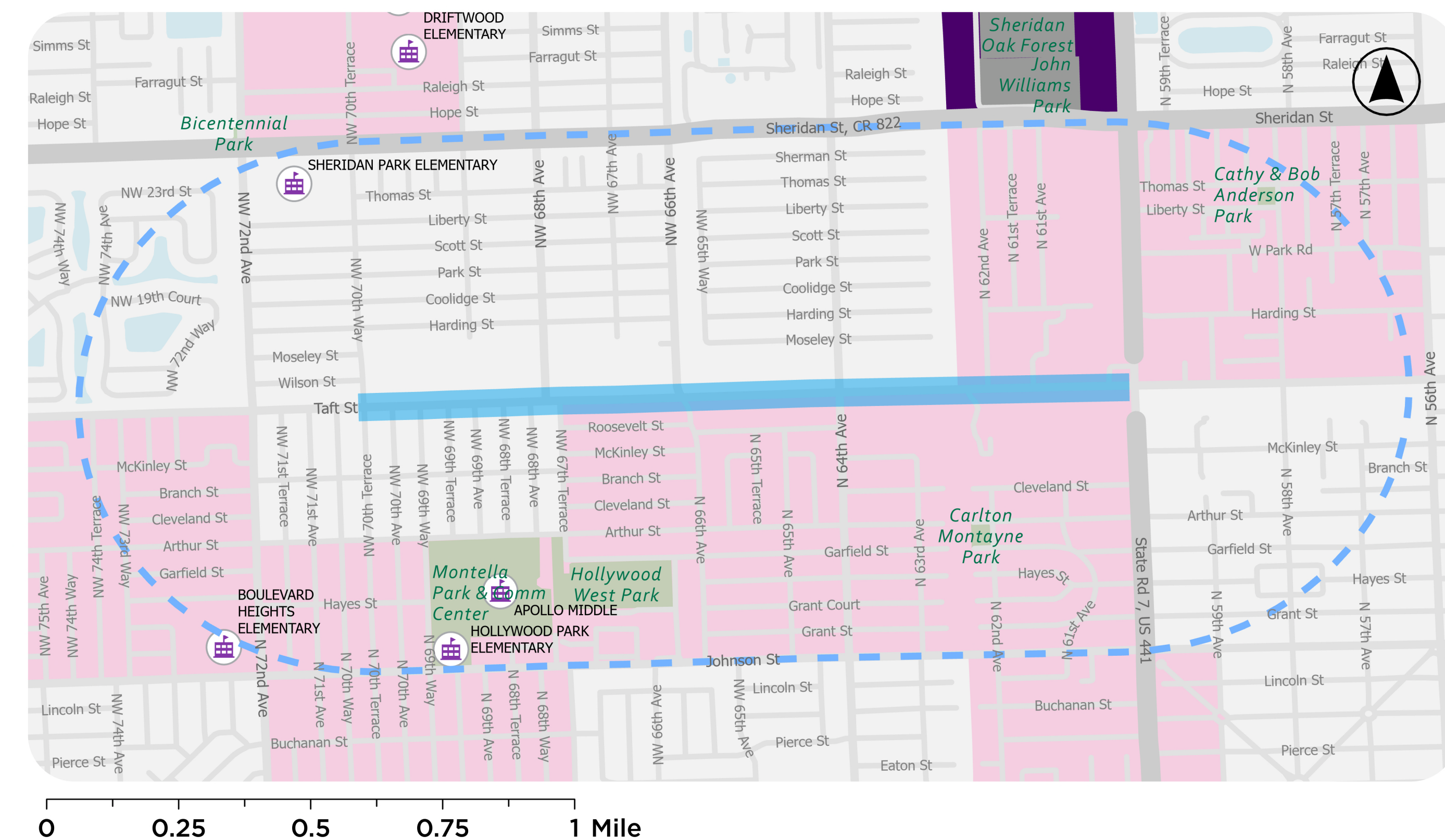


*Areas are considered to be in persistent poverty if they maintained poverty rates of 20% or more for the past 30 years. (U.S. Census Bureau)

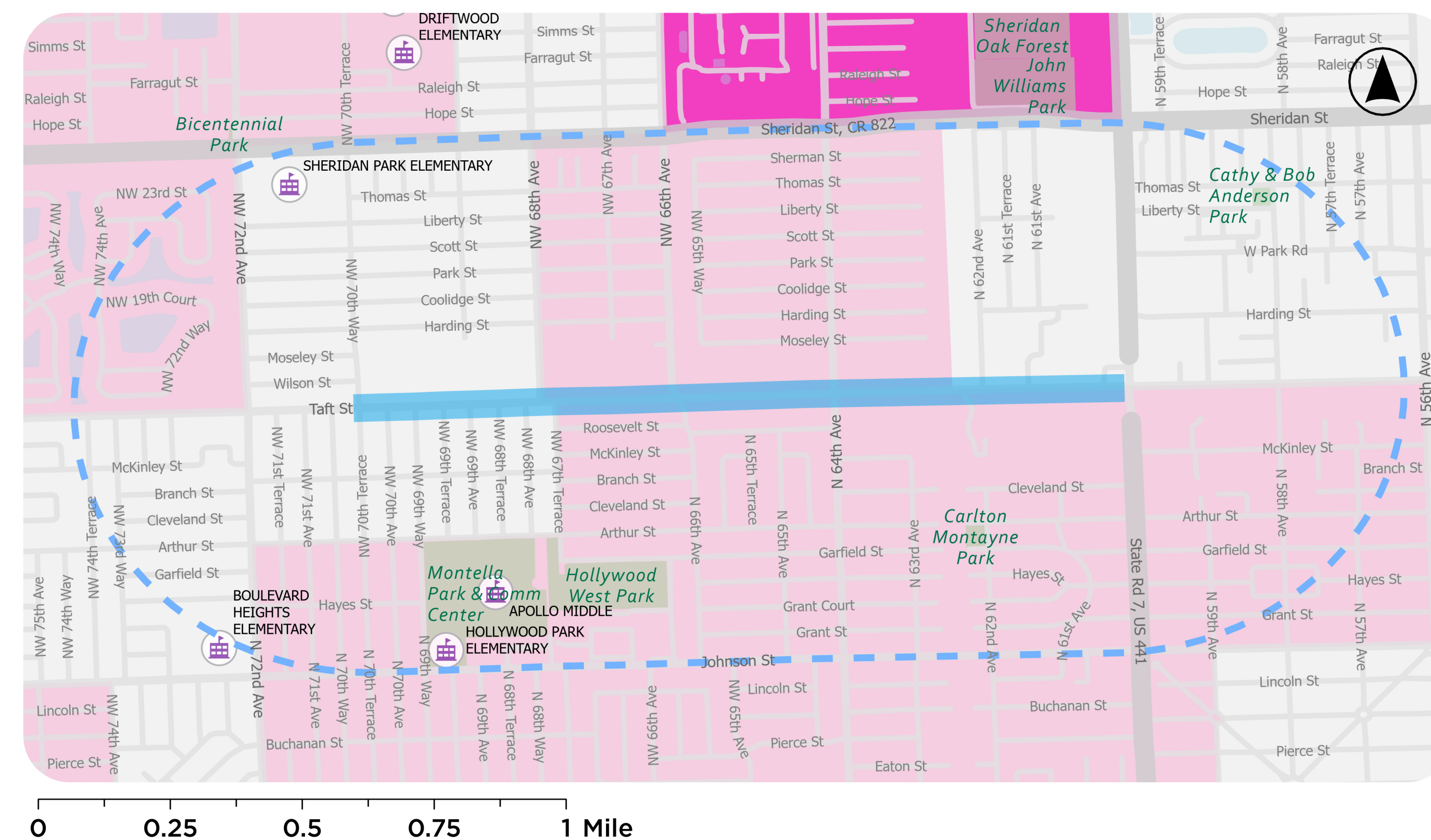
ETHNIC MINORITY



PEOPLE WITH DISABILITIES



RACIAL MINORITY



DEMOGRAPHICS

Concentration

- Very High
- High
- Medium
- Low



POINTS OF INTEREST

- Colleges and Universities
- Public Schools
- Hospitals



PROJECT

- Project Corridor
- Half Mile Buffer Around Corridor



ROADWAYS

- Interstates
- Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local

About the Maps

The demographic analysis identifies block groups with low, medium, high, and very high concentrations of populations for each of the seven demographic indicators.

The purpose of the demographic analysis is to inform the development of recommendations addressing the needs of communities. Comparing a variety of indicators shows the kind and depth of needs a project corridor might have when it comes to traffic safety.

Sources: US Census 2022 ACS, SS4A Underserved Communities Tool, Broward County GeoHub, BSAP Roadway Centerline Network.

Read more at SafeStreets4Broward.org



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KSI Crash Diagram (2019-2023)(Source: Signal Four Analytics)

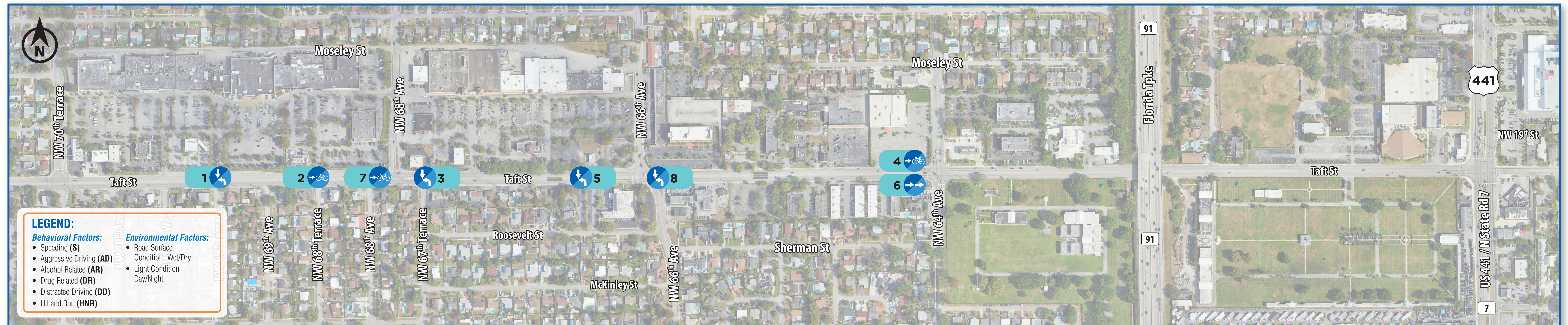


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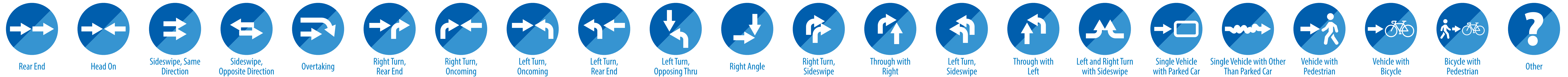
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CRASH TYPES



KSI CRASH NO.	DATE - TIME OF CRASH	MODE	SEVERITY OF CRASH	ENVIRONMENTAL FACTORS	BEHAVIOR FACTORS	CRASH TYPE	CRASH SUMMARY
1	9:25 PM	Motor Vehicle	Severe Injury	Wet/Night			NB Vehicle made illegal U-turn and struck WB Vehicle.
2	2:20 PM	Bicycle	Severe Injury	Dry/Day			WB Vehicle was passing slower WB vehicle and struck NB bicycle crossing Taft from the center turn lane (not in crosswalk).
3	9:13 PM	Motor Vehicle	Severe Injury	Dry/Night	S		EB Vehicle turning left from the center turn lane was struck by WB Vehicle travelling at a high rate of speed.
4	8:04 PM	Bicycle	Fatality	Dry/Night	DR		WB Vehicle struck Bicycle travelling NW across Taft. Bicyclist ran the red light and tested positive for cocaine.
5	8:12 PM	Motorcycle	Severe Injury	Dry/Night	S		WB Motorcycle travelling at a high rate of speed struck vehicle turning left from the center turn lane heading to the Fresco Supermarket.
6	11:21 PM	Motor Vehicle	Fatality	Dry/Night	AR/DR/S		EB Vehicle travelling at a high rate of speed struck EB vehicle in front causing that vehicle to hit a third. First vehicle veered off and hit a fourth. First vehicle driver tested positive for cocaine.
7	5:59 PM	Bicycle	Severe Injury	Dry/Day			EB Vehicle struck SB Bicycle crossing Taft not in a crosswalk.
8	5:13 PM	Motor Vehicle	Severe Injury	Dry/Day			WB Vehicle turning left from left turn lane was struck by Vehicle 2 travelling EB and pushed Vehicle 1 into a third vehicle stopped facing NB. Vehicle 2 had the right of way.