



August 28, 2023 Meeting

Backup Materials

Contents:

- Presentation: *Complete Streets and Vision Zero*
{Karen Warfel, Transportation Planning Division
Manager}



CITY OF FORT LAUDERDALE

TRANSPORTATION & MOBILITY

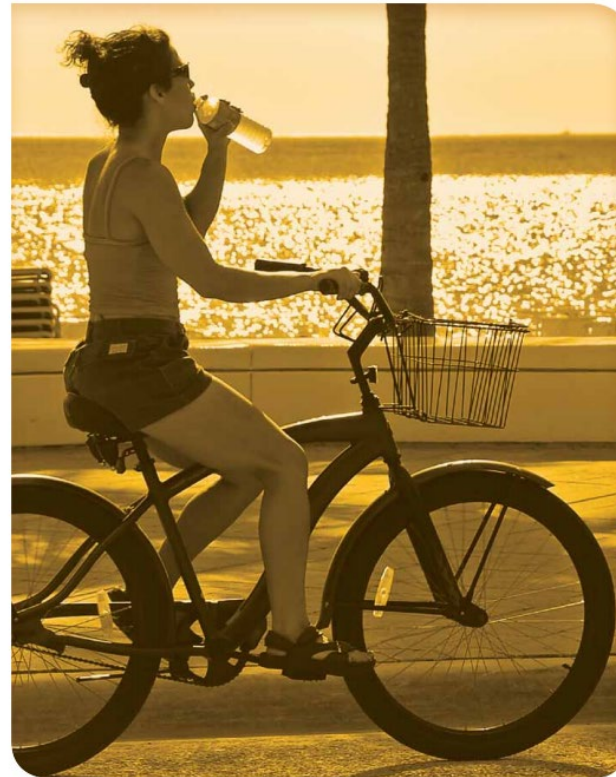
Complete Streets and Vision Zero

Karen Warfel, Transportation Planning Division Manager

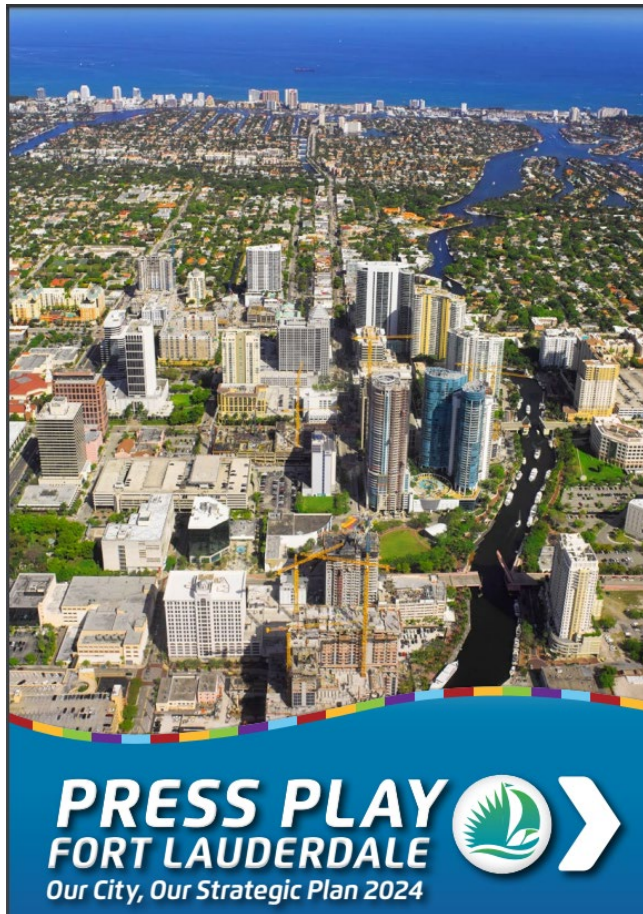
Long Range Vision

» WE ARE CONNECTED

We move seamlessly and easily through a safe transportation system where the pedestrian is first.



Strategic Plan



Infrastructure



GOAL 2

Build a multi-modal and pedestrian friendly community.

The City recognizes the need for transportation options reflective of a growingly diverse, thriving community. Our transportation and pedestrian infrastructure will be adaptive, well-designed, and focused on reducing traffic congestion, while enhancing the pedestrian experience. Focus will be placed on completing projects with co-benefits for all modes of travel that result in a more connected Fort Lauderdale. Neighbors will have more connected mobility options, including well-maintained sidewalks and greenways, bicycle amenities, and public transportation options that are safe, reliable, and accessible. The City desires to be a multi-modal city; a city that is easy to move through, with seamless connections to regional mass transit, such as Virgin Trains USA, Tri-Rail, and regional airports. We will implement new emerging technologies, where possible, that provide solutions to our mobility challenges.

OBJECTIVES

- › Improve transportation options and reduce congestion by working with partners
- › Improve roads, sidewalks, and trails to prioritize a safer, more walkable and bikeable community

PERFORMANCE MEASURES

- › Satisfaction with the overall flow of traffic
- › Percent of neighbors that drive to work alone
- › Percent of neighbors that use public transportation to commute
- › Installed linear feet of bicycle lanes, sidewalks, and shared use paths

What We Do

Transportation & Mobility Department Transportation Division

- District Based Planners
- Understand challenges
- Identify possible solutions
- Identify and apply for funding
- Work with partners



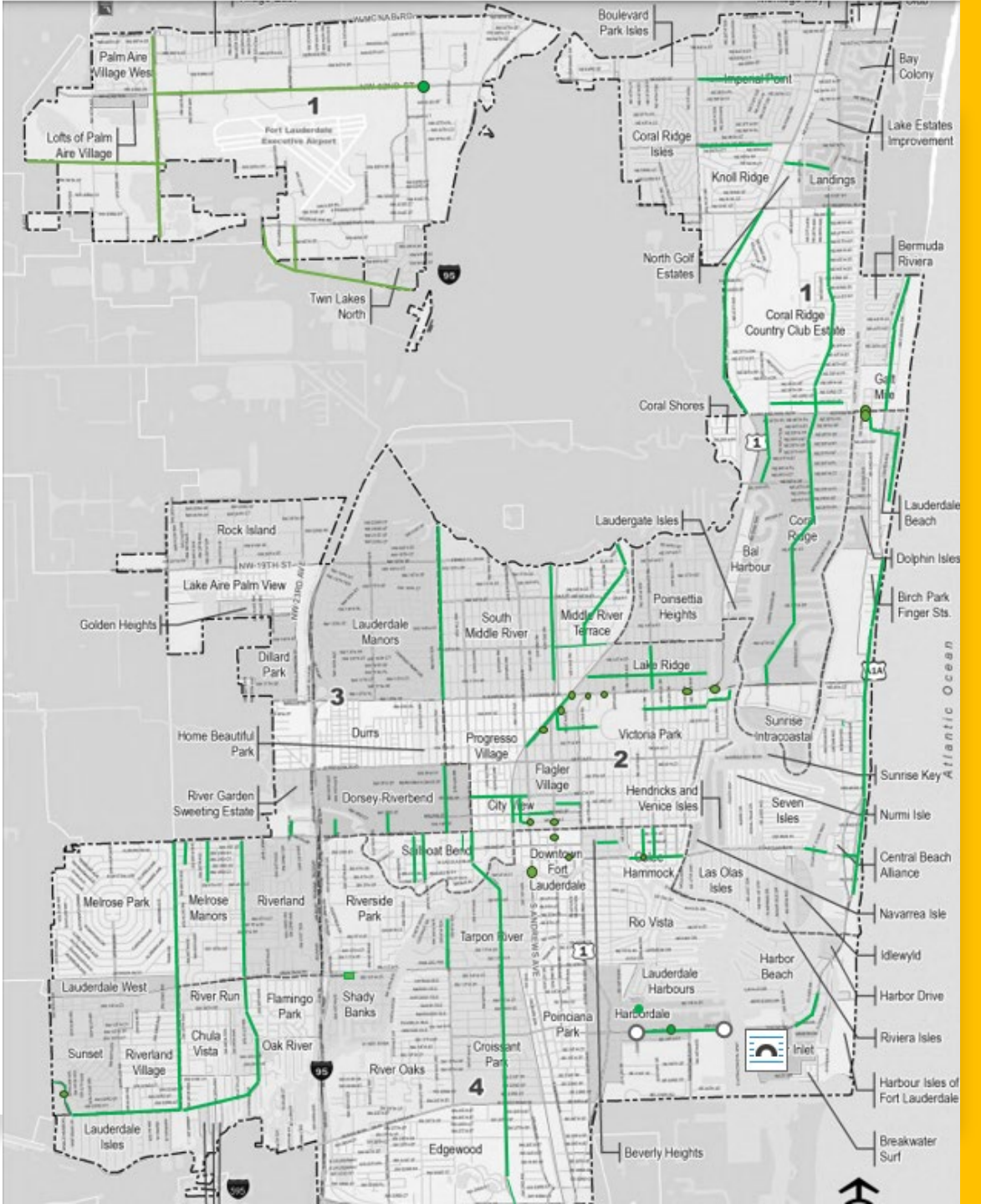
Creating Connectivity

Recent Multimodal Projects

■ Completed/In Construction

Citywide – 47 miles of new bike facilities

- 16 miles of new sidewalk
- 84 new bike parking spaces



Partnerships

Current Projects

(planning - design – construction)

FDOT – 36 projects

- Resurfacing
- Lighting
- Interchanges
- Bridges

Broward County – 40 projects

- Signal imp.
- Lighting
- Drainage
- Bridges
- Sidewalks

MPO – 7 projects

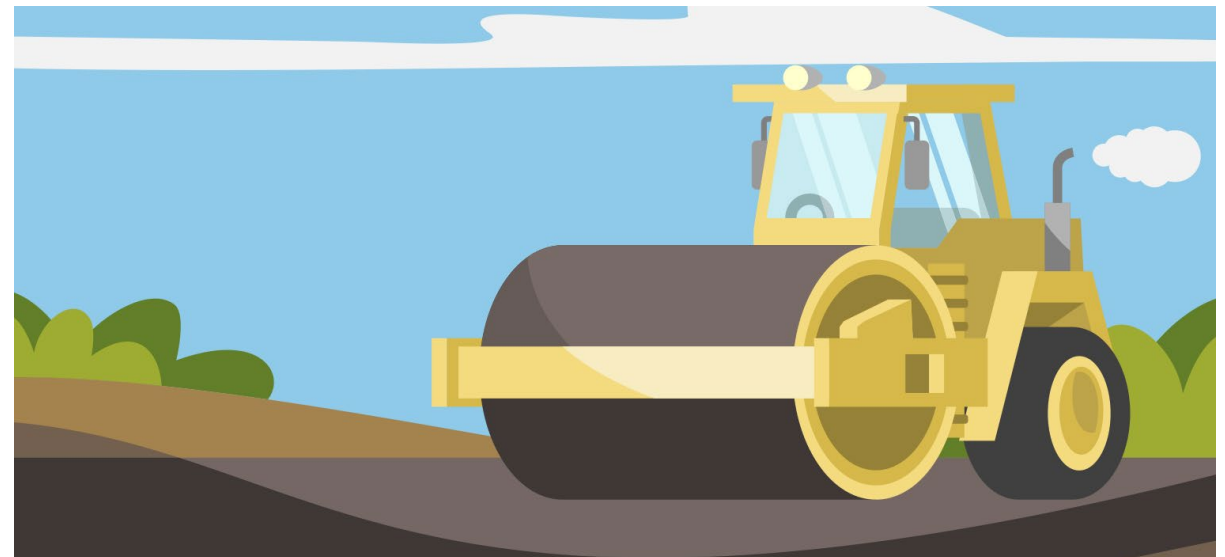
- multimodal

TAM - 12 projects

- Multimodal
- Traffic calming

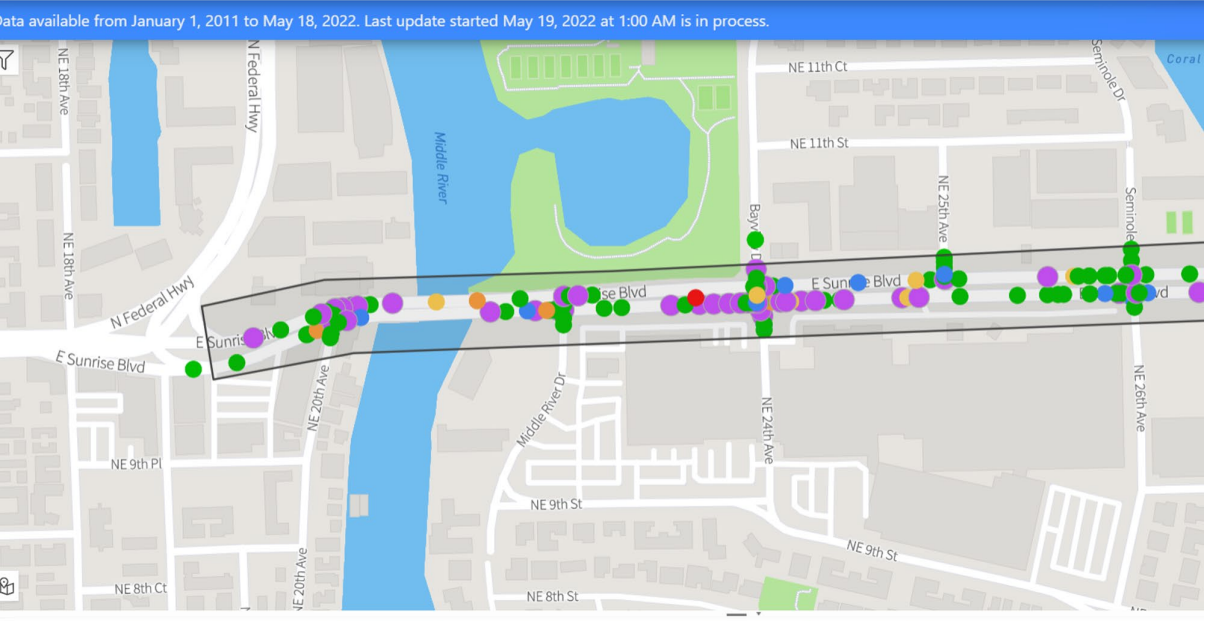


Florida Department of
TRANSPORTATION
Improve Safety, Enhance Mobility, Inspire Innovation




FDOT Process


- Multimodal Scoping Form
 - Adjacent projects
 - Neighborhood plans
 - Reach out to HOAs for comments
 - Known safety needs
- Safety Audits
- Design reviews
- Public Meeting engagement
- Communication during Construction



The screenshot shows the Signal Four Analytics interface for Event Analysis. The map displays a section of E Sunrise Blvd in Miami, Florida, with various colored dots representing incident locations. The map includes street names such as N Federal Hwy, NE 18th Ave, NE 20th Ave, NE 24th Ave, NE 26th Ave, NE 11th St, NE 11th Ct, Middle River, Middle River Dr, E Sunrise Blvd, NE 9th St, NE 9th Pl, NE 8th Ct, and NE 8th St. A legend at the top indicates that data is available from January 1, 2011, to May 18, 2022, with the last update on May 19, 2022, at 1:00 AM.



A photograph showing a safety audit in progress. A woman in a high-visibility vest and a clipboard is talking to a group of cyclists on a city street. The cyclists are wearing backpacks and are stopped at a crosswalk.



An illustration of a construction site. A worker in a high-visibility vest and hard hat is standing next to a red car. The worker is holding a sign that says "SLOW". There are orange traffic cones and a yellow construction vehicle in the background.

Broward MPO

Structure

- MPO Board – Elected Officials
- Technical Advisory Committee – staff level
- Community Advisory Committee – resident level



**Metropolitan
Transportation
Plan**

**Multimodal
Priorities
List**

**Transportation
Improvement
Program**

Vision Zero



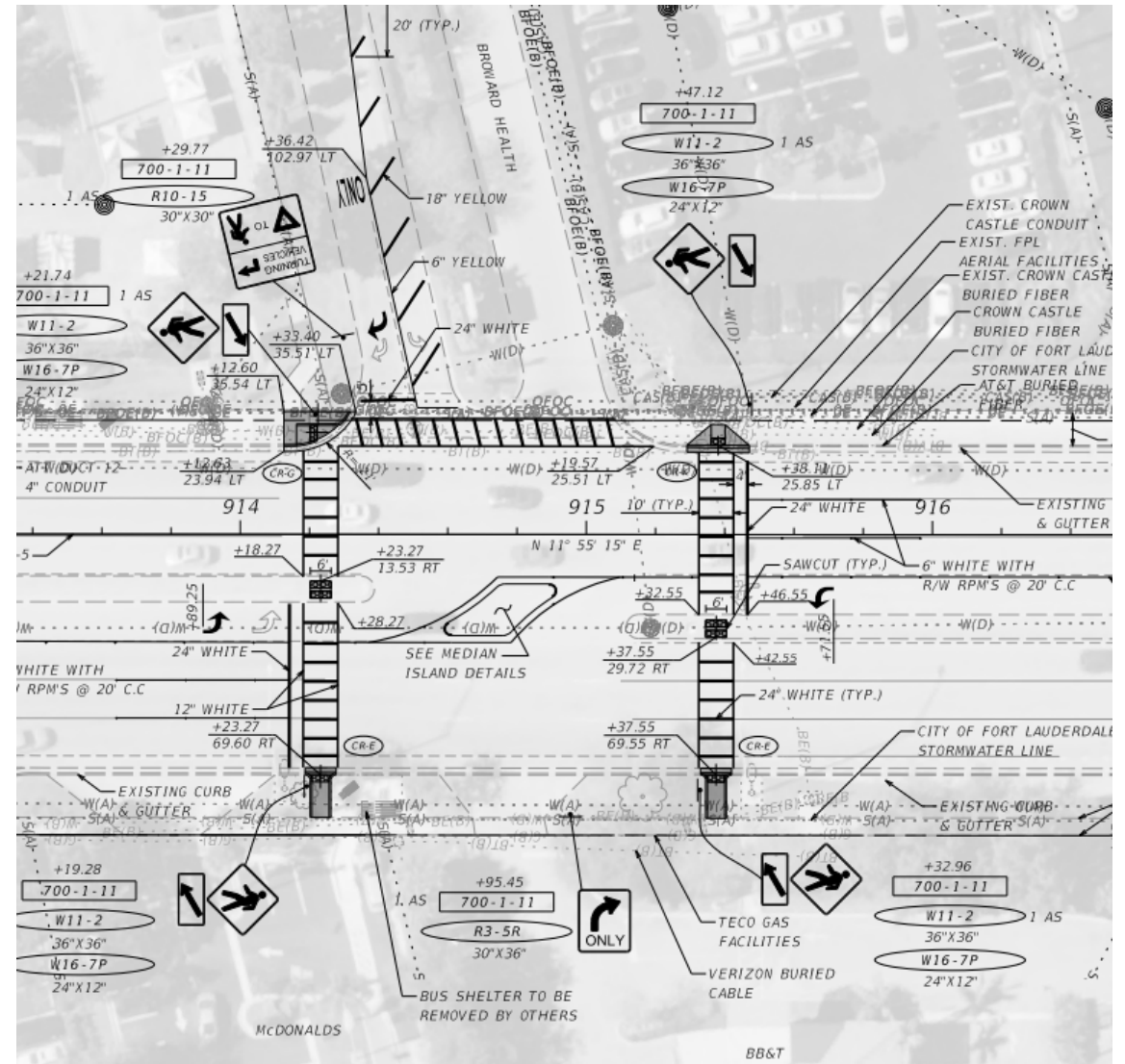
Project Examples



New Crossings & Signals on FDOT Roadways (10)

IMPERIAL POINT NEW CROSSING & SIGNAL

- New Signal
- Add Crosswalks
- Prevent left hand turns from hospital & bank
- In Construction



Evaluation

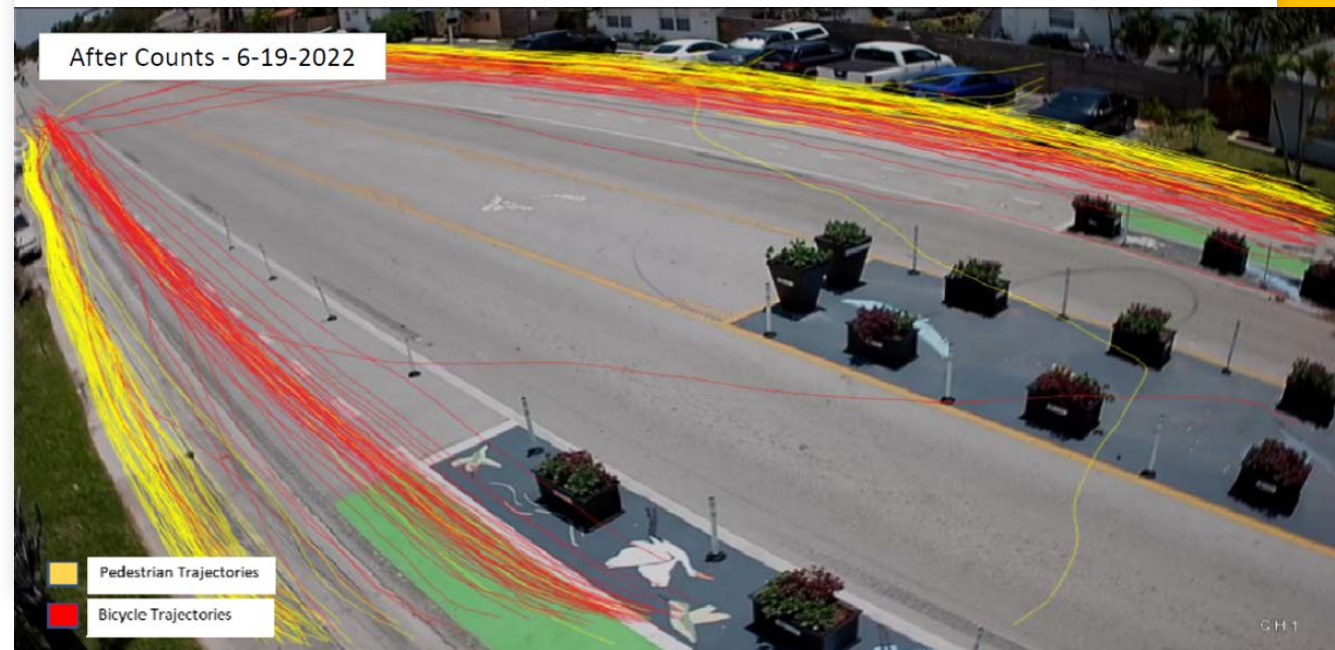
NE 15TH AVENUE

- LANE ELIMINATION
- ADDITION OF BIKE LANES
- ADDITION OF NEW CROSSWALKS
- TACTICAL URBANISM



Evaluation

Jan 1 to Oct 1	2019	2022
Total Crashes	17	8
Injuries	3	0



Evaluation



JANUARY 2022

	NB	SB
85 th Percentile	40 mph	34 mph
Average Speed	27 mph	21 mph
% Over AS	60%	14%

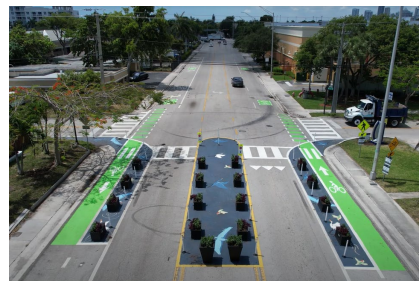


APRIL 2022

	NB	SB
85 th Percentile	39 mph	32 mph
Average Speed	26 mph	20 mph
% Over AS	55%	1%

SEPTEMBER 2022

	NB	SB
85 th Percentile	35 mph	30 mph
Average Speed	23 mph	19 mph
% Over AS	1%	0%



SUMMARY TABLE 15 MIN SEGMENT RECORDS

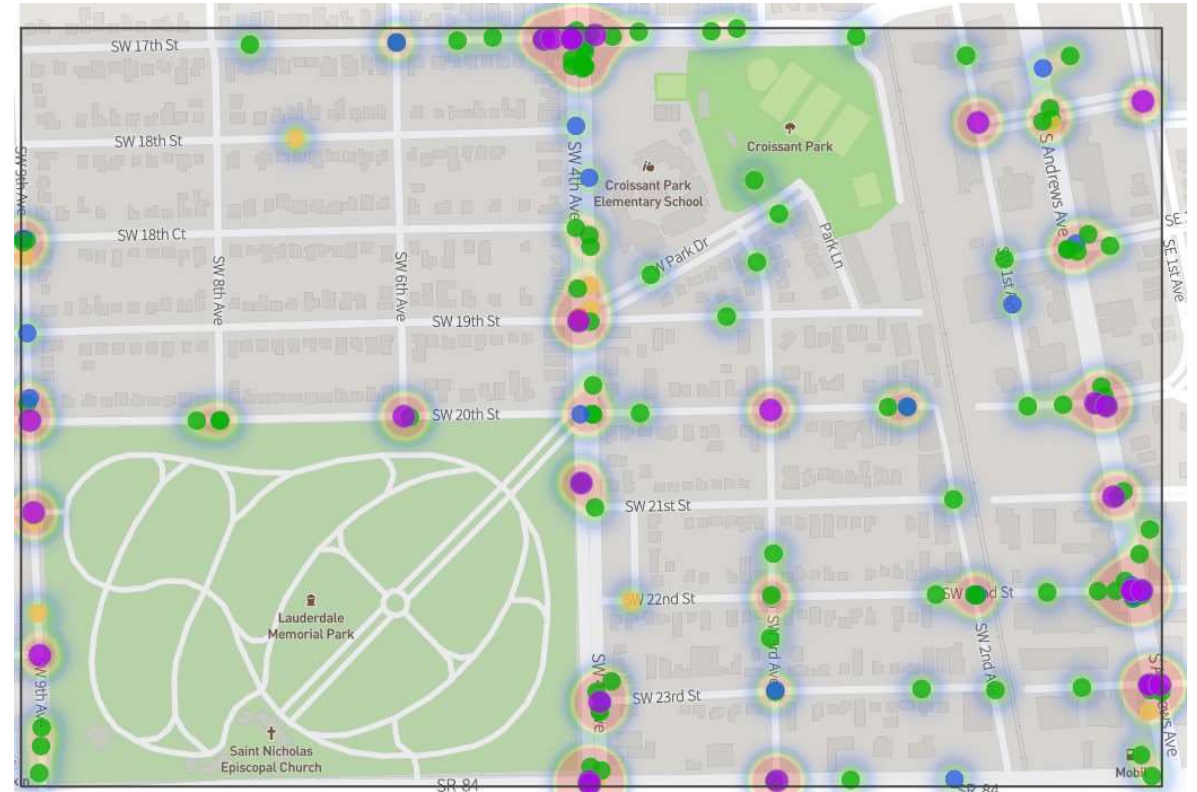
Serial # 403648 Street: NE 15 Avenue NB Speed Limit: 35 MPH

DATE	Vehicle Count	Speeder Count based on Avg. Spd.	Speeder % based on Avg. Spd.	Speeders > 5 MPH based on Avg. Spd.	Speeders > 10 MPH based on Avg. Spd.	Speeders > 15 MPH based on Avg. Spd.	Fastest Time Period	Speeders > 5 MPH based on Peak Spd.	Speeders > 10 MPH based on Peak Spd.	Speeders > 15 MPH based on Peak Spd.	Daily 85th %tile Speed	Daily Average Speed
May 1	2980	1603	54%	32	5	2	12:45a	304	46	18	39	25.6
May 2	3011	1661	55%	26	7	2	1:15p	263	45	19	39	25.7
May 3	3064	1597	52%	27	7	2	2:15p	259	45	16	39	25.4
May 4	2954	1667	56%	26	6	0	3:15p	286	49	20	39	25.8
May 5	3102	1691	55%	14	3	0	10:45p	312	42	10	39	25.6
May 6	3235	1812	56%	28	4	1	8:00p	330	52	14	39	25.9
May 7	3144	1720	55%	25	7	3	2:30p	291	46	20	39	25.7
May 8	3058	1707	56%	38	10	7	2:45p	339	62	23	40	25.9
May 9	3054	1678	55%	22	4	2	1:30p	263	38	11	39	25.7
May 10	3004	1502	50%	15	4	1	1:30p	179	25	11	38	25.1
May 11	3031	1553	51%	22	3	0	12:00a	191	32	14	38	25.2
May 13	3146	9	0%	1	0	0	1:30p	13	0	0	30	18.8
May 14	3062	36	1%	7	2	0	3:15p	38	3	1	33	20.4
May 15	2996	35	1%	7	1	0	3:30p	53	8	2	33	21.2
May 16	3011	31	1%	7	2	0	2:00p	46	7	3	33	21.4
May 17	2998	32	1%	7	0	0	4:00p	49	7	1	35	22.5
May 18	3034	38	1%	13	3	0	4:45p	61	12	7	34	22.6
May 19	3020	36	1%	4	1	0	4:15p	54	4	1	35	22.7
May 20	3264	32	1%	7	2	0	12:45a	48	11	4	34	21.4
May 21	3010	44	2%	8	2	1	5:15p	72	9	2	35	23.1
May 22	2937	53	2%	7	4	1	3:30p	67	14	6	35	23.3
May 23	3023	32	1%	5	1	0	5:15p	55	10	1	35	22.9
May 24	2944	22	1%	6	1	0	3:45p	60	10	0	35	23
May 25	3015	32	1%	5	1	0	2:45p	84	17	5	35	23
May 26	3196	26	1%	10	3	1	5:15p	76	14	4	35	22.9
May 27	3084	42	1%	6	0	0	3:15p	75	14	4	35	23
May 28	3001	34	1%	4	0	0	4:00p	69	10	2	35	23.3
May 29	2820	30	1%	3	0	0	4:00p	43	11	3	35	21.8
May 30	2825	41	2%	7	2	2	2:00p	63	10	4	35	23.2

Neighborhood Safety Projects

PROJECT DESCRIPTION

- Developing program to systematically work with neighborhoods on pavement markings, signage and site triangle issues to improve safety
- Great need so will take time
- Working with County and City Road Services Team on new program





Questions?

CONTACT INFORMATION

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