

Summary

Sunrise, FL
Bicycle & Pedestrian, Greenways & Trails Master Plan Update



Stakeholder Committee
Meeting #3

April 25th, 2024 @ 3 PM (Virtual)

Attendees

Danyl Noel, Engineering	Shannon Ley, Community Development	Christine Pfeffer, Communications
Philip Chorath, Engineering	Alan Gavazzi, Capital Projects	Jonathan Stahl, GIS
Casey Graham, Engineering	Allen Stotler, Police	
Ashley Resta, Dir of Utilities/Public Works	Jeremy Copas, Police	Timothy Tresohlavy, Stantec
Carrie Kashar, Sustainability	Ravi Ramgulam, BPAB	

Summary

Welcome & Refresh – (City, Stantec)

Danyl welcomed members to SC meeting #3, noting that this is our final of three SC meetings. Stantec reviewed items from our previous SC meetings as a refresh of how we arrived here. Stantec presented the results of project type RANK, and FUNDING allocation, as shared by this committee.

How would you **RANK** the following from 1st to 5th:

1. Greenways / Trails along SFWMD canals
2. FDOT roads – ABOVE the curbs: Sidepaths
3. City of Sunrise / residential streets (Bike Boulevards, traffic calming)
4. FDOT roads – INTERSECTION improvements (signals, transit access)
5. FDOT roads – BETWEEN the curbs: Buffered or traditional Bike Lanes

How would you **SPEND** \$100 towards:

- \$20 - Greenways / Trails along SFWMD canals
- \$18 - Capital projects on FDOT roads – ABOVE the curbs (Sidepaths)
- \$15 - City projects on residential streets (Bike Boulevards)
- \$14 - Capital projects on FDOT roads – INTERSECTIONS
- \$14 - Maintenance & repairs
- \$10 - Amenities (bike racks, repair stations, wayfinding, etc.)
- \$9 - Capital projects on FDOT roads – BETWEEN the curbs (Buffered/Bike Lanes)

Schedule Update – (Stantec)

Stantec reviewed the project schedule, and completed tasks to date. Stantec also reviewed the public outreach measurables (since Oct 2023).

Outreach Activities

- 44,000 unique website visitors
- 88 survey participants
- 212 interactive map points
- 4 focus group meetings held / 20 stakeholders included

- 55 individuals engaged during Community Event #1
- 175 survey cards distributed

Stantec reviewed the four primary strategies that have evolved from this engagement process:

1. Improving safety & the perception of safety
2. Accommodating all-ages-&-abilities (AAA)
3. Prioritizing some key destinations over others
4. Working internally within City Departments, as well as externally with regional partners

Project Priorities – (Stantec)

City staff provided a list of five (5) priority locations to be reviewed. Stantec shared initial observations, metrics, and discussed possible treatments for each of these locations. Realizing that planning is not construction, these discussions will help inform recommendations that may be continually revised over time, with new information.

Discussion from AC members:

- Include considerations for multiple strategies along any specific corridor; perhaps a preferred, with optional treatments for site-specific constraints or tradeoffs.

NW 136th Ave / Harrison Pkwy

- We must consider *planned* development near the Sawgrass Mills Mall, and the impact on traffic that is anticipated
 - This area will be a high-density residential development / **activity node**
 - City's vision is for this to be an **entertainment district**
 - Land use plan amendment(s) planned
- Intermodal Transit Center (planned mobility station near Arena)
- Sawgrass Pkwy (toll) improvements & new interchange @ NW 8th Street – expectation that travel patterns will change as a result

Flamingo Road

- Must review and confirm FDOT required lane widths for 45 mph (probably 10' wide)
 - Restripe for Bike Lane = un-ideal option for this speed
 - Alternative = repurposing outer lane (reduction)
 - Alternative = widen existing sidewalk for 10' sidepath, for desired separation from vehicles
- How much coordination has taken place with the City of Plantation? Invited to participate in the process

Hiatus Road – north of Oakland Park Blvd

- Observation: vehicles drive >40 mph along Hiatus Rd
 - Limit the new locations for mid-block crossings (dart across), and encourage pedestrians to cross at intersections
- Review the roadway jurisdiction boundaries, and where it changes from City to County maintenance
 - Influences minimum lane widths required, and speed limit options

Nob Hill Road

- Nob Hill Rd feels more ROW constrained, perhaps with more deceleration lanes and driveways
 - School(s)
 - Retirement community – Sunrise Lakes (phases)
 - More pedestrian activity today

29th Manor / Sunrise Lakes Blvd

- Existing traffic calming along 29th Manor (speed humps and signage) – opportunity for additional TC treatments
- Much interest in additional speed reduction / traffic calming along Sunrise Lakes Blvd (4L)
 - Accessibility improvements needed (continual requests)
- Sidewalks are maintained by individual development (many phases, different owners)
 - Obtaining easements has been challenging to date, even for bus stops, or sidewalk improvements
 - Existing non-standard crosswalks that were not permitted by County or City
- Presumably retain one travel lane - 11' travel lane minimum for buses (preferred 12')
- This corridor feels like the easiest to accommodate bicyclists, however, it may be politically challenging with the number of different owners

Prioritization – (Stantec)

Stantec reviewed each of the six (6) E's of multimodal transportation planning:

- Education
- Encouragement
- Enforcement

- Equity
- Engineering – the only physical infrastructure change
- Evaluation

Members were asked to take the Mentimeter poll and share their allocation of City of Sunrise funding for each of these six (6) project categories.

Join at [Menti.com](https://www.menti.com) – use the code **36 13 14 54**
Or scan the QR code below to participate:



Action Items/ Next Steps – (Stantec)

- Stantec is compiling the remaining sections of this draft plan
- Include considerations for non-standard locations / constraints with each of the five (5) priority locations
- Draft report to be review by this group (Steering Committee) first
 - Anticipating internal feedback from *many* internal departments
- Then a revised plan will be review by City Commissioners
- Then a revised final plan may be prepared for Public Comment via the project website
- Stantec to schedule in-person implementation strategy meetings with City departments, as well as presentation to City Council for endorsement

ATTACHMENTS:

- Presentation Slides

Project Contacts

Sunrise - Engineering

Danyl Noel, PE

Project Manager

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Project Consultants

Jared Beck, Project Manager
Timothy Tresohlavý, Multimodal Planner

Stantec Project Team

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Bicycle & Pedestrian, Greenways & Trails Master Plan
 Stakeholder Committee Meeting #3
 April 2024




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Project Team



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Agenda

Welcome & Refresh	5-min
Schedule Update	10-min
Project Priorities	20-min
Prioritization	15-min
Next Steps	5-min

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... others need help!



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Designing for All Ages & Abilities (AAA)



BICYCLIST DESIGN USER PROFILES

Interested but Concerned

51%-56% of the total population

Often not comfortable with bike lanes, may bike on sidewalks even if bike lanes are provided; prefer off-street or separated bicycle facilities or quiet or traffic-calmed residential roads. May not bike at all if bicycle facilities do not meet needs for perceived comfort.

Somewhat Confident

5-9% of the total population

Generally prefer more separated facilities, but are comfortable riding in bicycle lanes or on paved shoulders if need be.

Highly Confident

4-7% of the total population

Comfortable riding with traffic; will use roads without bike lanes.

Targeted User Group



LOW STRESS TOLERANCE

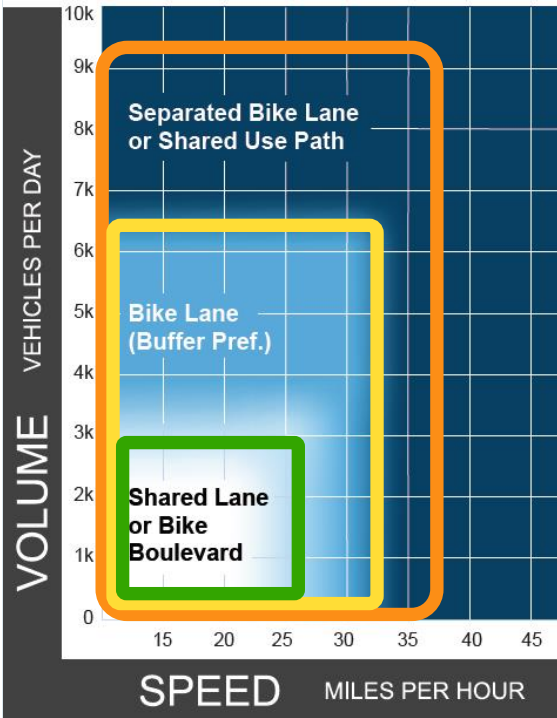
HIGH STRESS TOLERANCE



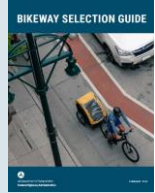
“MAMIL”
Middle-Aged Man In Lycra

FHWA Bikeway Selection Guide – February 2019

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Bikeway Categories

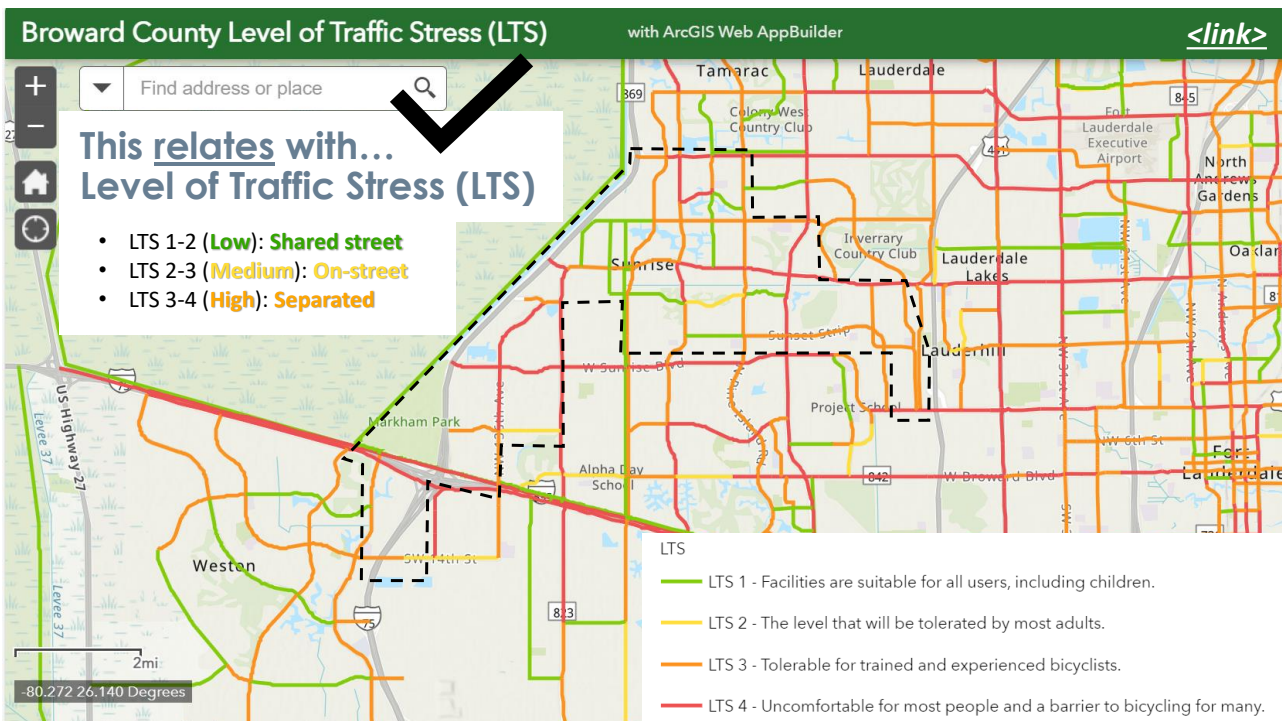


- Separated Bike Lanes / Sidepath
- On-Street Bike Lanes / Buffered
- Shared Street / Bike Boulevards

Fuzzy thresholds between **25-35 mph**

Source: FHWA Bikeway Selection Guide (2019) https://safety.fhwa.dot.gov/ped_bike/tools_solve/#

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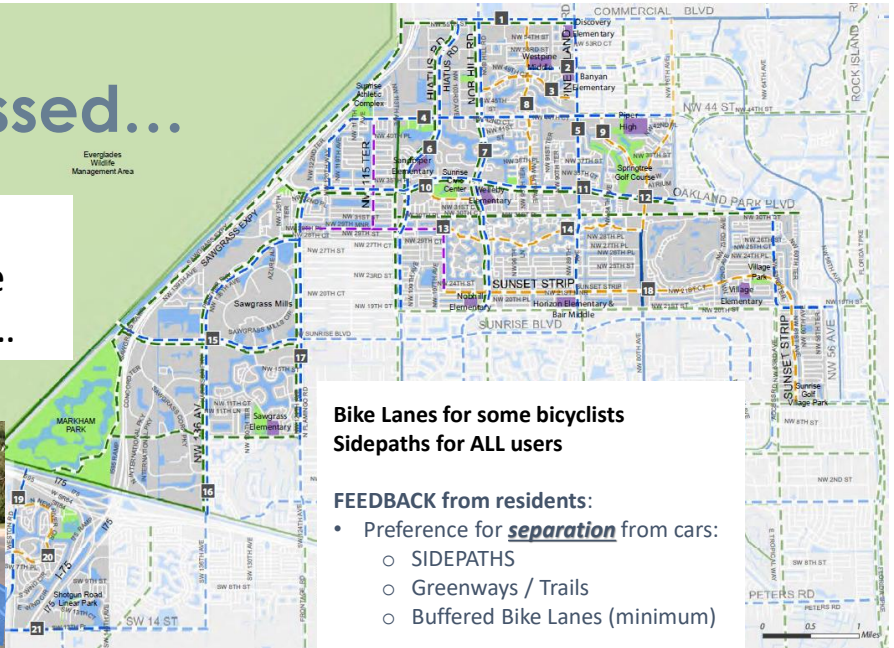


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we discussed...

Bike Lanes (blue) – many of these have **Sidepaths (green)** ...

Accommodating multiple bicycle users



Bike Lanes for some bicyclists
Sidepaths for ALL users

FEEDBACK from residents:

- Preference for separation from cars:
 - SIDEPATHS
 - Greenways / Trails
 - Buffered Bike Lanes (minimum)

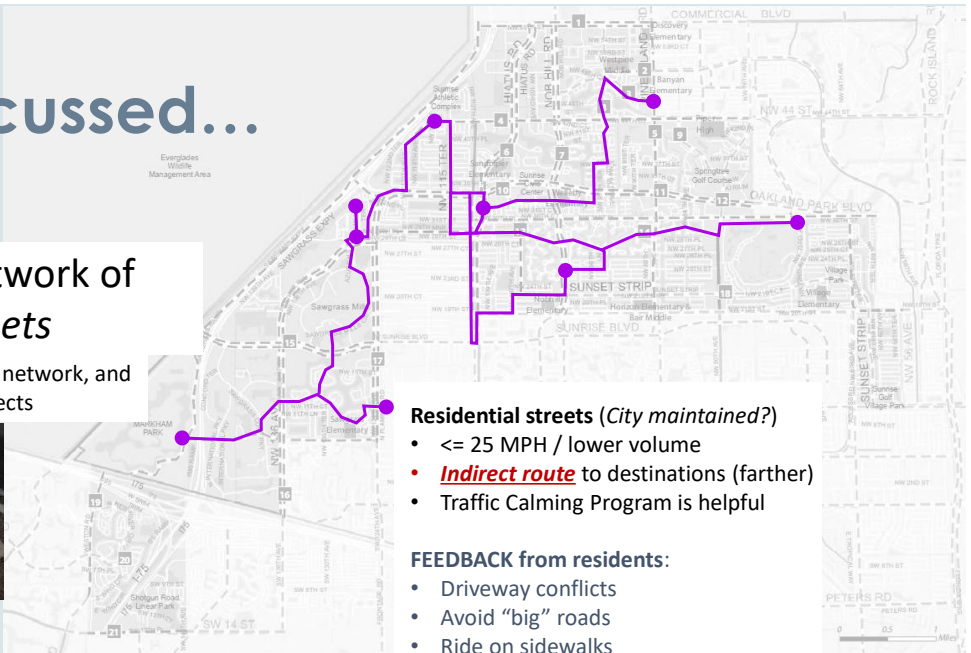
Existing and Proposed Bikeways and Trails
City of Sunrise Bicycle, Pedestrian, and Trails Master Plan
Data Sources: Broward MPO, Broward County, City of Sunrise

Proposed Bikeways	Existing Bikeways	Schools 9
Bike Boulevard	Existing Bicycle Lane	Parks 9
Bike Lane	Existing Multi-Purpose Path	Water Features
Buffered Bike Lane		Sunrise City Limits

we discussed...

Low-Stress Network of residential streets

COMPLEMENT to primary network, and Capital Improvement Projects



Residential streets (City maintained?)

- <= 25 MPH / lower volume
- **Indirect route** to destinations (farther)
- Traffic Calming Program is helpful

FEEDBACK from residents:

- Driveway conflicts
- Avoid "big" roads
- Ride on sidewalks

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Bike Lane	Existing Multi-Purpose Path	Water Features
Buffered Bike Lane		Sunrise City Limits

YOU were asked to RANK...

Q1: How would you **RANK** the following from 1st to 5th

1. **Greenways** / Trails along SFWMD canals
2. FDOT roads – ABOVE the curbs: **Sidepaths**
3. City of Sunrise / residential streets (**Bike Boulevards**, traffic calming)
4. FDOT roads – **INTERSECTION** improvements (signals, transit access)
5. FDOT roads – BETWEEN the curbs: **Buffered** or traditional **Bike Lanes**

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YOU were asked to allocate funding...

Q2: How would you **SPEND** \$100 towards:

- \$20 **Greenways** / Trails along SFWMD canals
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- Welcome & Refresh
- Schedule Update
- Project Priorities
- Prioritization
- Next Steps

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General Timeline

~12-month time frame
July 2023 – June 2024



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Outreach

Several methods employed
Oct 2023 to now



44,000 website visitors

88 survey participants

212 interactive map points

4 groups
20 stakeholders

55 individuals
175 survey cards distributed

Virtual

Website

Online Survey

Interactive Map

Stakeholder / Focus Group
Jan '24 "Listening" Sessions

In-Person

Community Event #1
Dec '23

Community Reveal

TAKEAWAYS: what are we doing with this information?



There is no singular solution, but rather, there are **MANY** strategies...

1. Improving safety / perception of safety

- Slowing vehicle speeds (traffic calming)
- Prioritizing intersection crossings
- Consider adding lighting / more bike parking / safety & security

2. Accommodating all-ages-&-abilities (AAA)

- Providing **both** on-road and separated bikeways
- Embracing eBikes on sidewalks


3. Prioritizing some key destinations over others

- Connections with City/County Parks, bus stops, schools, grocery stores

4. Working within City Departments & with regional partners

- FDOT, Broward County, Tamarac, Lauderhill, Davie, Plantation, Broward MPO
- SFWMD (Middle River canal greenway)

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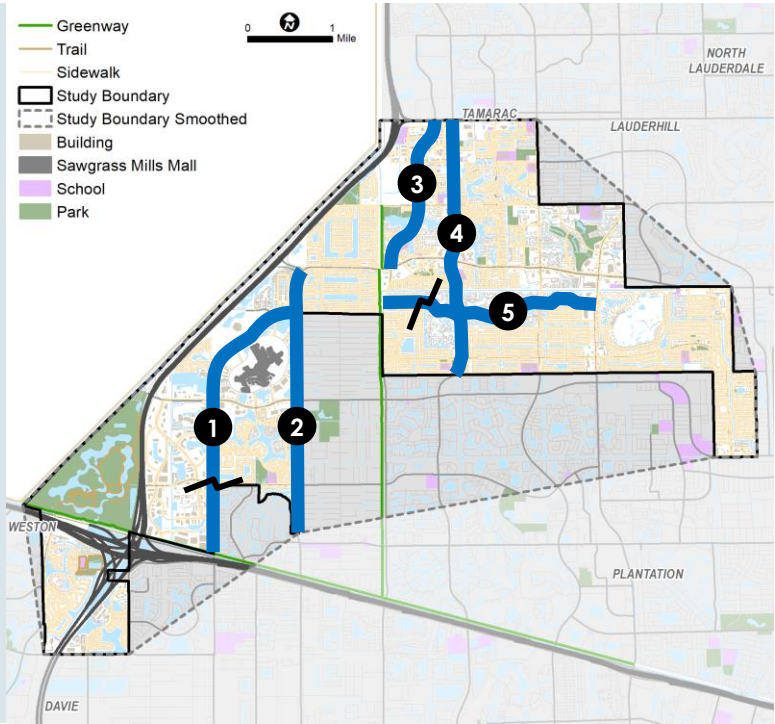
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Priority Locations

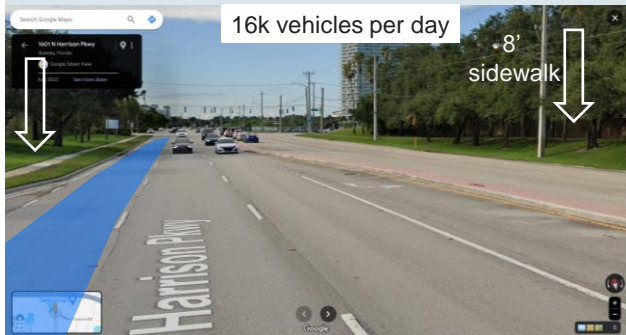
1. NW 136th Ave / Harrison Pkwy
2. Flamingo Rd
3. N Hiatus Rd
4. N Nob Hill Rd
5. NW 29th Manor / Sunrise Lakes Blvd



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Consider a 6L>4L reconfiguration for segments <20k vehicles per day? (north of NW 8th St) → **Buffered Bike Lanes**



1.) NW 136th Ave / Harrison Pkwy

45 mph posted speed

14k - 16k vehicles per day *north* of NW 8th St

35k vehicles per day *south* of NW 8th St

6 travel lanes with median, **curb & gutter**

110' - 120' ROW – **minimal** remaining back of curb

Bus stops present

LTS 4 category

2016 Plan: Lane narrowing for **Bike Lane** + Multiuse Path

Design Considerations:

- **Utilities**, Slope, **ROW**, **Trees**, Stormwater

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2.) Flamingo Rd

45 mph posted speed

24k – 31k vehicles per day

6 travel lanes with median, curb & gutter

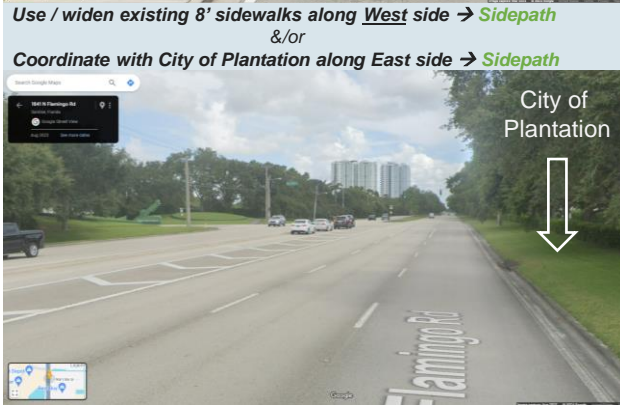
110' – 140' ROW – Plantation along eastern edge

LTS 4 category

2016 Plan: Lane narrowing for Bike Lane + Multiuse Path

Design Considerations:

- Utilities, Trees, Stormwater, ROW
- Plantation (east side)



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3.) N Hiatus Rd

40 mph posted speed

14k – 19k vehicles per day

4 travel lanes with median

Curb & gutter absent on one side

120' – 140' ROW

LTS 3 category

2016 Plan: Widen inside (median) or outside for Bike Lane + Multiuse Path

Design Considerations:

- Utilities, Stormwater, ROW, Trees, School



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4.) N Nob Hill Rd

40 mph posted speed

21k – 25k vehicles per day

4 travel lanes with median

Curb & gutter absent

100' – 130' ROW

LTS 3 category

2016 Plan: Widen outside for Bike Lane + Multiuse Path

Design Considerations:

- Utilities, Stormwater, ROW, Trees

Widen in/outside and reportion travel lanes for Buffered Bike Lanes &/or
Widen existing sidewalk to 10' wide → Sidepath



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5.) NW 29th Manor / Sunrise Lakes Blvd

30 mph posted speed west of NW 105th Ln

25 mph posted speed east of NW 105th Ln

3k – 4k vehicles per day

2L residential without curb & gutter

4L with median, curb & gutter present

70' – 85' – 120' ROW

Bus stops present

LTS 1 / 2 category

2016 Plan: Traffic calming for Bike Blvd + Lane reconfiguration (4L>2L) for Buffered Bike Lane

Design Considerations:

- Driveways, Mailboxes, Trees, ROW, Utilities

Traffic calming for 2L section + Bike Boulevard
Consider a 4L>2L reconfiguration of travel lanes for Buffered Bike Lanes



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The 6 'E's of Multimodal Transportation

Planning for *meaningful* change

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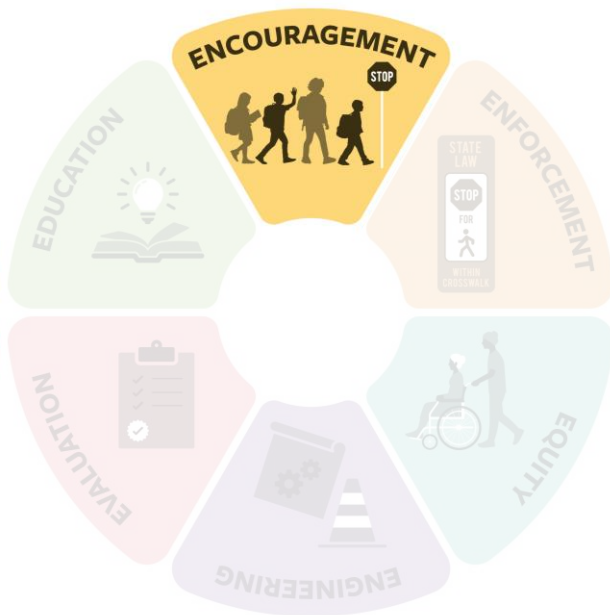
Education

TEACHING safety skills and the benefits of active transportation

- **Alert Today – Alive Tomorrow** (FDOT) www.AlertTodayFlorida.com/
 - **Vision Zero** initiatives for Fort Lauderdale, Broward County
- Driver Education
- Internal Staff Education
- Police Training Program
- League of American Bicyclist – Bike Friendly Driver program

<https://ActiveLivingResearch.org/ActiveEducationBrief>

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Encouragement

ACTIVITIES to entice residents / visitors to use active transportation

- **Safe Routes to School (SRTS)** partnerships
 - www.SafeRoutesPartnership.org/
- Celebrate Bike / Walk-Friendly Businesses
- Biking in Sunrise map – Leisure Services
- Special Events
 - **Arts & Craft Festival – Winter Wonderland**
 - National Walk / Bike Month (May)
 - Walk to Work or School events (May)
 - www.WalkBiketoSchool.org/plan/downloadable-materials/
 - Open Streets Events

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Enforcement

Deter unsafe behavior, and enforce SAFETY rules-of-the-road

- Vehicle speed feedback signs (traffic calming)
- Support partnerships between
 - community groups and law enforcement
 - law enforcement in encouragement or education events
- Targeted enforcement campaigns / events
 - “Stop and Educate” opportunities
 - Data-driven enforcement

www.fdot.gov/agencyresources/resources



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Equity

EVERYONE has the opportunity and ability to safely walk or roll, *regardless of background or situation*

- Are education efforts reaching those in need?
- Are encouragement activities available to low-income residents and students of color?
- Are there strong, positive relationships between law enforcement and low-income residents and persons of color?
- Are infrastructure improvements connecting with our transportation disadvantaged populations? (e.g., bus stops, grocery stores)

www.whitehouse.gov/wp-content/uploads/2022/04/DOT-EO-13985-equity-summary.pdf



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EQUALITY:

Everyone gets the same – regardless if it's needed or right for them.



EQUITY:

Everyone gets what they need – understanding the barriers, circumstances, and conditions.



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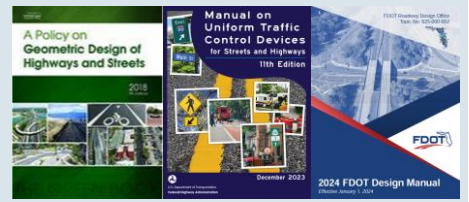
Engineering

Improving our public rights-of-way, one PROJECT at a time...



STANDARDS

GUIDELINES



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Evaluation

MEASURING progress over time

- Are programs increasing health and equity?
- Are there any *unintended* consequences of the action items?
- Are we trending in the right direction?

For example...

- Community Surveys
- Facility Inspection and Maintenance
- Road Safety Audits / Safety Action Plan (SS4A grants)
- Bicycle & Pedestrian Committee / Staff Coordination



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Join at [Menti.com](https://www.menti.com) – use the code **36 13 14 54**

Voting Time

How would you allocate City of Sunrise funding for...



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Coordination Items

DRAFT Plan – *forth coming*

- *To be shared electronically for review & comment*

Strategy for integration within City Departments

- *“What do we do first...?”*
- *“Plan the work – Work the Plan”*

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