Section A

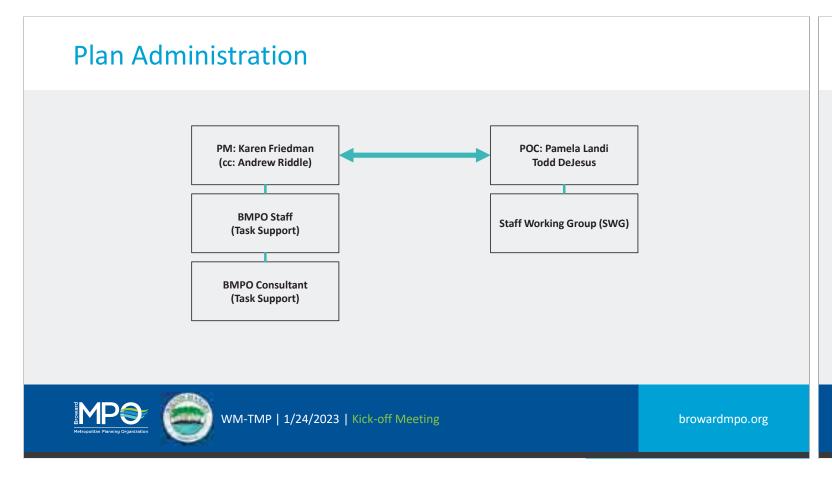
Staff Working Group Meetings Presentations

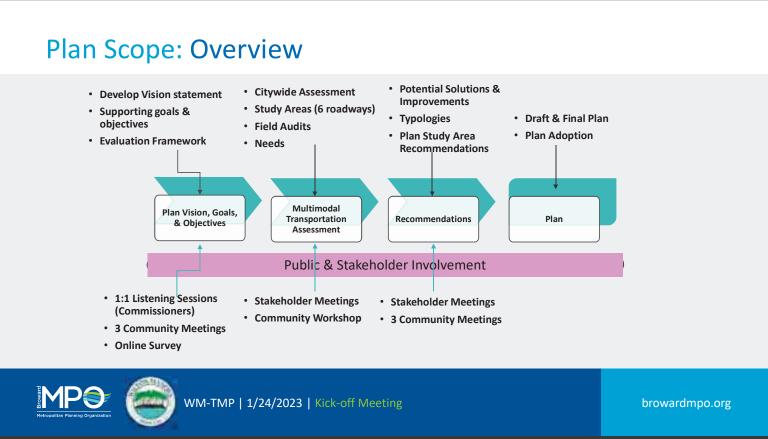


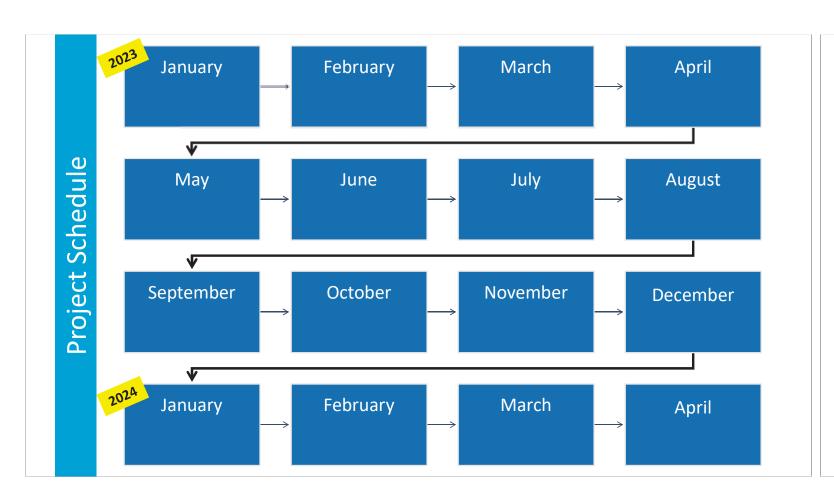
Agenda

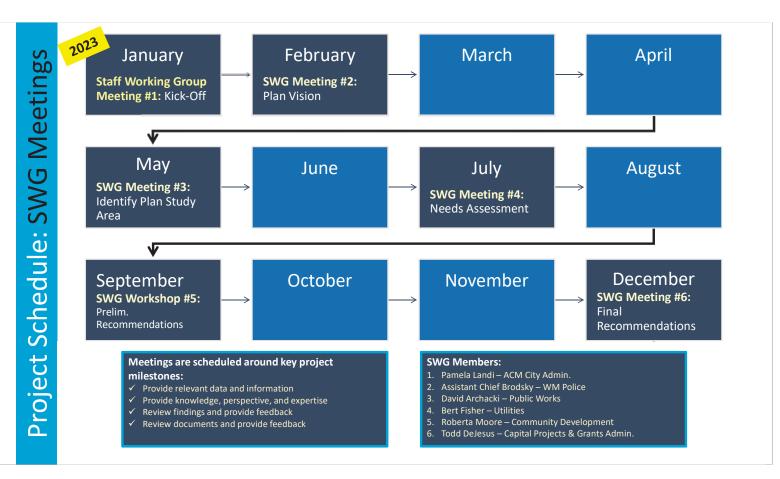
- 1. Plan Administration
- 2. Plan Scope: Overview
- 3. Project Schedule
 - Public & Stakeholder Involvement
- 4. Visioning Discussion
- 5. Next Steps / Action Items

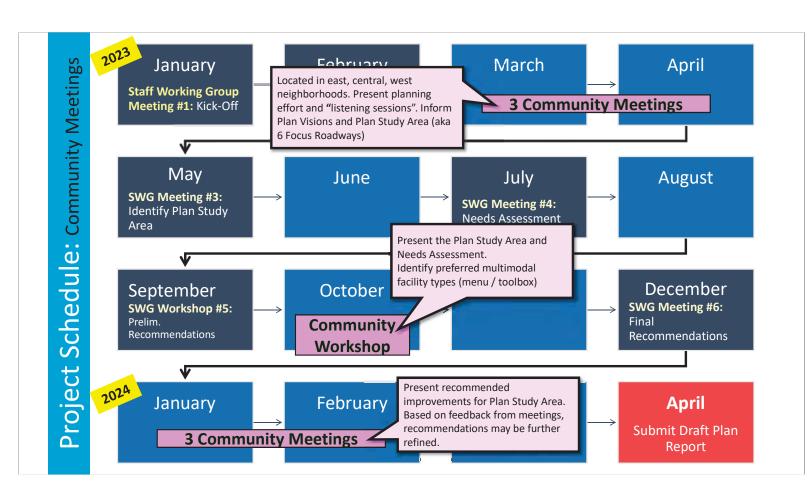












Public & Stakeholder Involvement

MPO Role & Responsibilities:

- ✓ Prepare SurveyMonkey Content
- ✓ Prepare Community Meeting "flyers" in digital format ONLY
- ✓ Attend all Community and Stakeholder meetings
- ✓ Prepare / provide aerials and technical documents for meetings
- ✓ Provide technical information at meetings
- ✓ Coordinate meetings with Broward County and FDOT

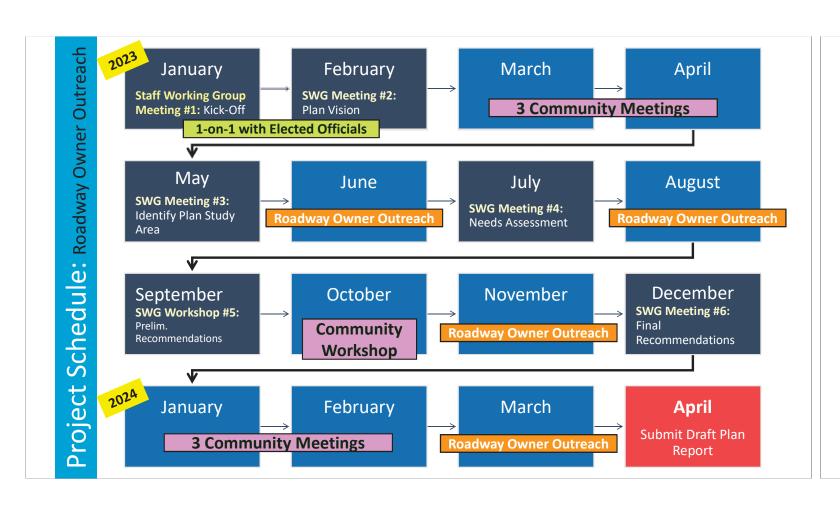
City Role & Responsibilities:

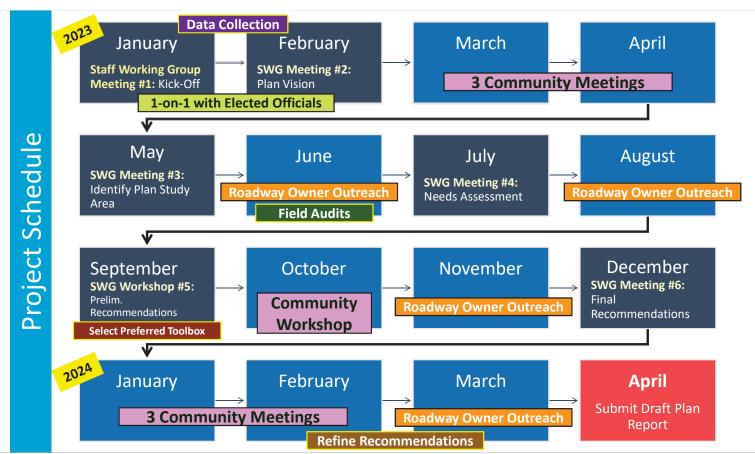
- ✓ Publicize Survey Monkey
- ✓ Schedule / coordinate all Community Meetings: dates, locations, logistics
- ✓ Publicize all Community Meetings
- ✓ Attend all Community Meetings for room set up, to address non-technical questions, assist with note taking, meet n greet, etc...
- ✓ Print any forms / flyers needed for Community Meetings (except aerials or other technical documents)
- ✓ Schedule / coordinate additional stakeholder meetings (HOAs, business groups, etc...)



Wilton Manors |1/24/2023 | Kick-Off Meeting

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Visioning Discussion: Example Statements

The Village of Riverdale will be a vibrant and healthy community with a safe, well lit, and complete bicycle and pedestrian network that links to schools, parks and businesses. Walking and biking will be a viable means of transportation and a fun netwity for people of all ago. People will be able to walk or bike to butinesses along major commercial corridors, locathor and Riverdale Metra Stations, local parks and forest preserve, Riverdale Public Library and connect to the Cal-Sag Trail. The Village will utilize connections along the firest preserve trails and readways to faster travel between neighboring communities like Dolton, Illuc Island, and Harrey.

PURPOSE FOR THE PLAN

Bosed on these efforts, the purpose of this Plan is to set a harmowork to develop priorities for improving sufet and connectivity around the City of Dunedin for all types of users that encourages securies stavel between places where people live, work, and play. The focus of the Plan is to develop a network that encourages economic development, growth, safety, and livebility. The Flan will identify high priority projects, programs, and policies to help to integrate all modes of transportation including roads, transit, bicycle, and pedestrian facilities with the intent of noking travel easier, safer, and some efficient. The goal is to develop and prioritize a list of Implementable improvements and transportation apparatities to serve as a guide to monitor and seek transportation investment.

Vision for Transportation

In 2035, Fairfax is a city with options for residents to easily, safely, and efficiently move within and between neighborhoods either by walking, bicycling, taking public transportation, or driving.

The Village of Brookfield will be a leader in the suburban Chicagoland region for walking, biking and access to transit. The community will have innovative infrastructure, programs and policies that enable residents and visitors to access local and regional destinations on foot or by blice. Active transportation will be so easy, safe and fast that it's the first option people think of for either daily needs or weekend recreation.

Visioning Discussion: Facility Examples

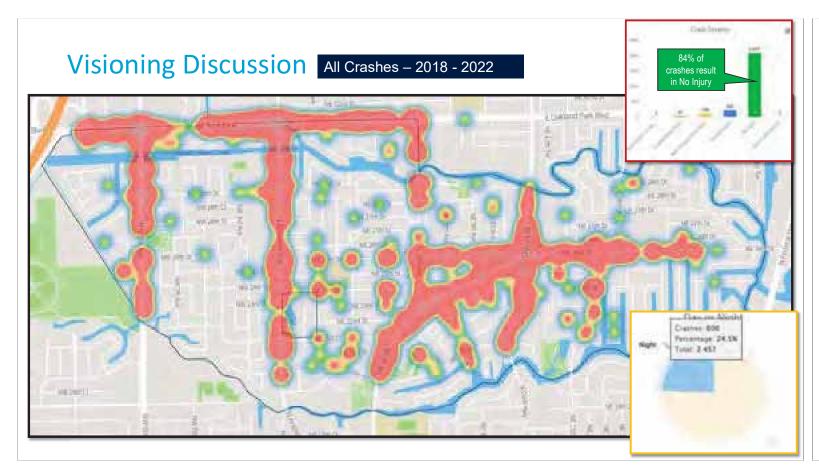


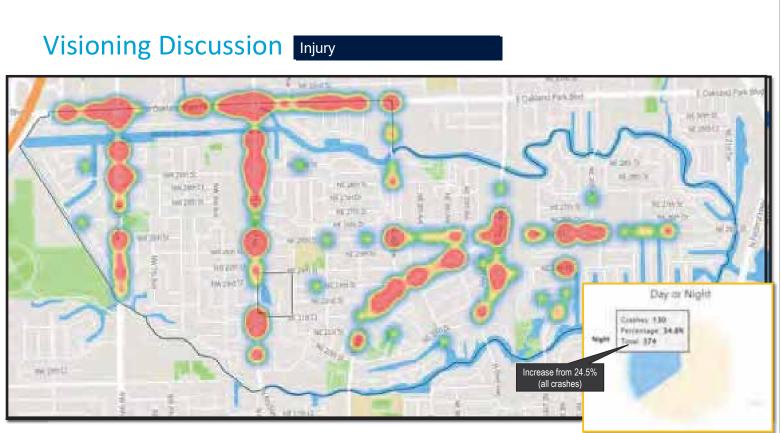
Raised Crosswalks • Roundabouts • Pedestrian Bridges • Separated bicycle facilities • Shared Use Paths • Shared Use Roadways • Alternate Bike Routes • Quick-Build • Curb Extensions • Pedestrian Scale Lighting

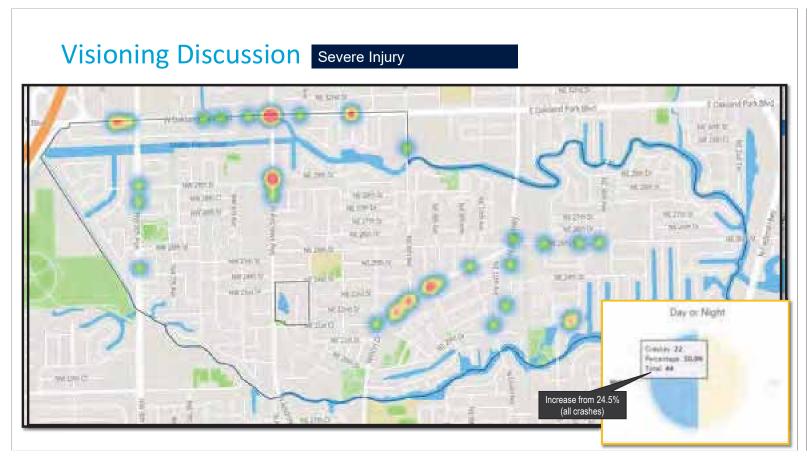
Visioning Discussion: Facility Goals Low Street Tolerance LTS 2 LTS 3 The description of the second formation of the second of

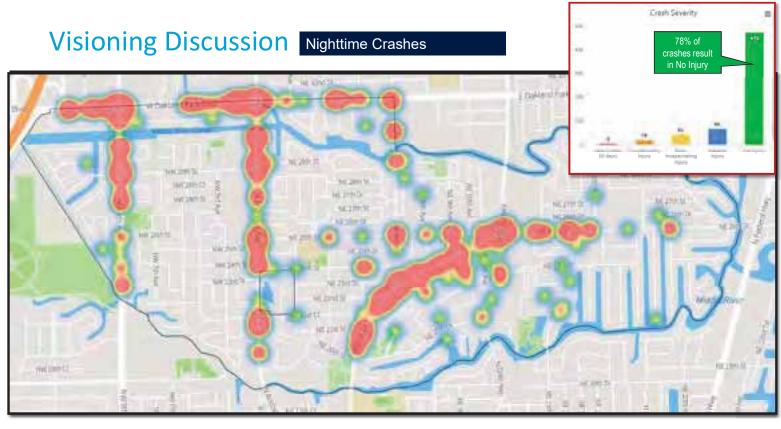
Visioning Discussion: City Plans COLL, ORDETHES ASSESSED. Goal C. Enhance Key Objectives Quality of Life and I. Enhance Beautification through Frogressive City Codes and Proactive Enforcement 2. Support Proactive Public Safety 3. Promote the Public Health and Welfare of City Residents 4. Assess and Adapt to the Changing Needs of Nesidents 5. Support Recreation and Open Space Programs and initiatives Develop a Public Arts and Culture Miking if June Blotter Pfeve travel last with tehnisms, altering and black proceeding and altering for more parting. To excreme local associpation are implementing for Couplets Source Program, for Revenil County Pleasing Council may consider archeing the application for the properting councer. CHALLENGE It is a proper which the the the till the Wales Street provide staying the Congress where American Control of Section 2 (1997) and the control of Control of

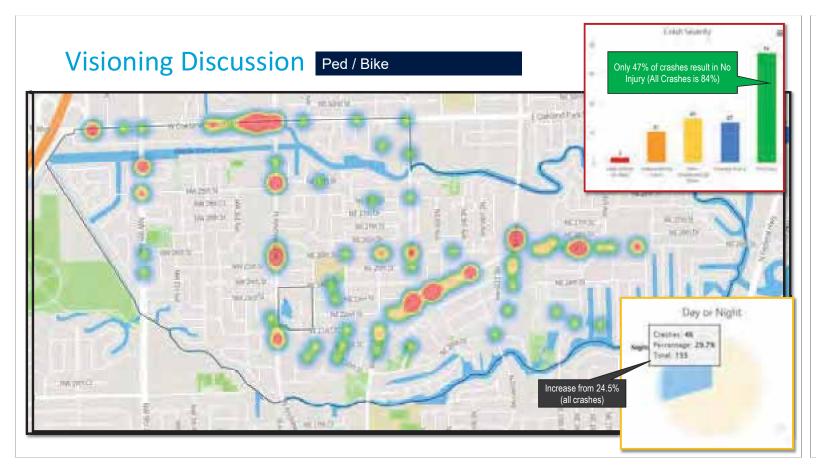


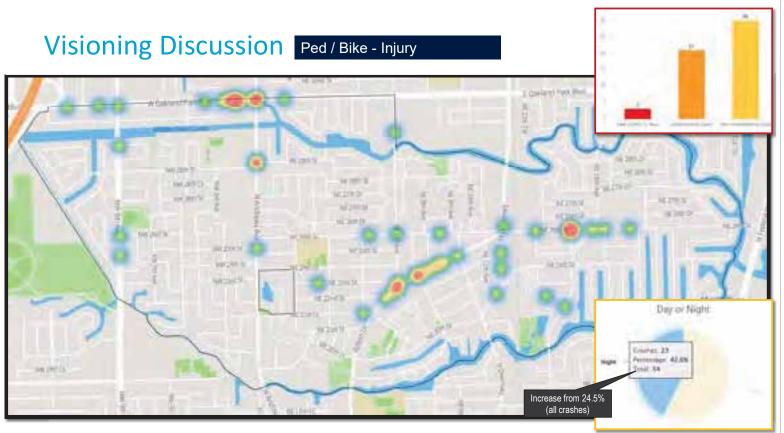








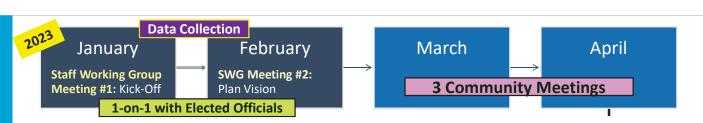




Visioning
Discussion:
Strava Metro
Data (2022)



Project Schedule

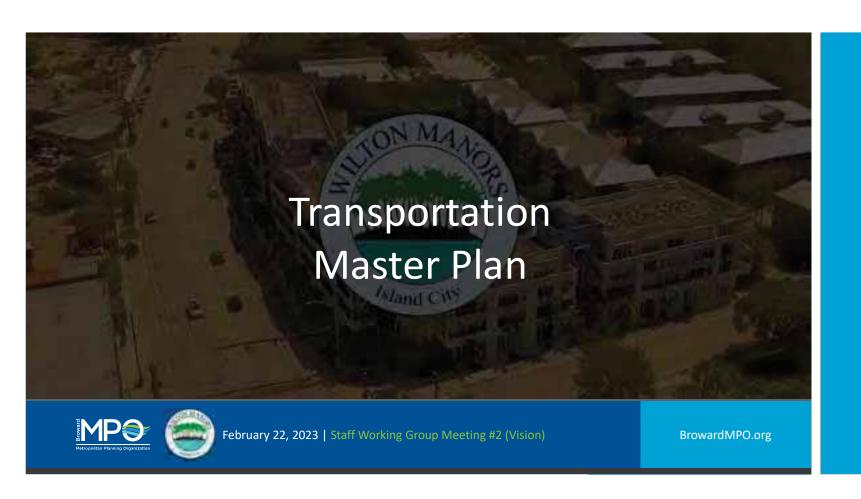


MPO Next Steps:

- 1. Email list of data needed and set up share drive folder
- 2. Prepare draft Vision Statement / identify Vision "themes"
- 3. Prepare project schedule
- 4. Submit listening session materials
- 5. Prepare Survey Monkey questions
- 6. Prepare flyers for Community Meetings

City Next Steps:

- 1. Schedule SWG meeting dates
- 2. Coordinate 1-on-1 listening sessions with Mayor and Commissioners
- 3. Prepare Public Participation Plan
- 4. Schedule 3 Community Meetings



Agenda

- 1. Current Status (3 minutes)
- 2. Vision Discussion
 - What we heard (5 minutes)
 - Recommended Guiding Principles (15 minutes)
 - Potential Vision Statement (5 minutes)
 - Consensus Discussion (45 minutes)
- 3. Next Steps / Action Items (15 minutes)

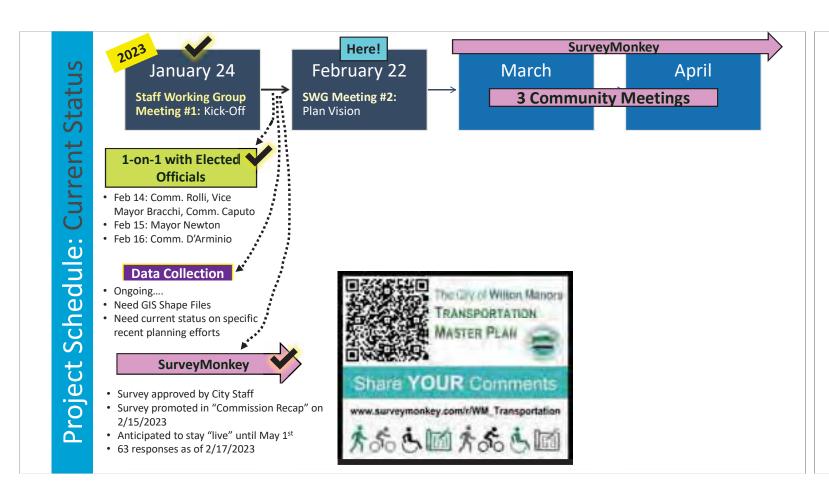
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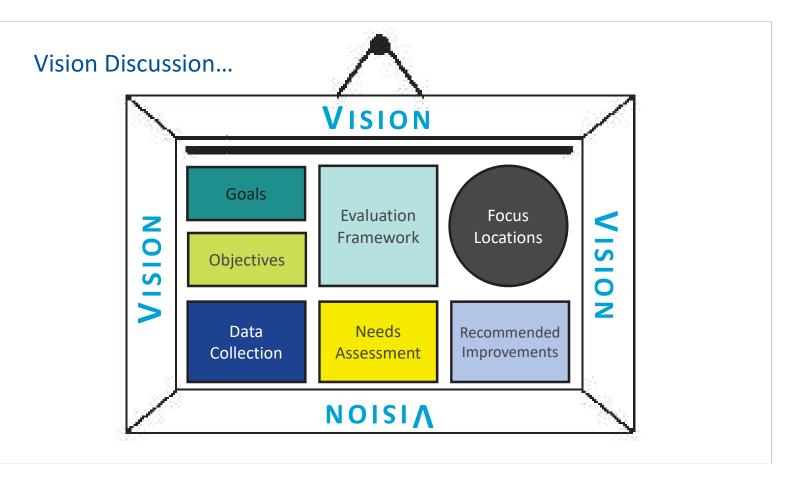
- Follow up questions re recent planning efforts
- Highlights from SurveyMonkey responses

Meeting Goal:

- ✓ Consensus on Plan Vision
- ✓ Discuss Community Meetings
- ✓ Confirm Action Items







Vision Discussion: What we heard @ SWG Kick-Off Meeting

Identify improvements needed Focus on locations with *less* Identify solutions with no / minimal adjacent to redevelopment parcels / impact to SF properties constraints developer "asks" Identify both quick fixes (active site Identify *low-stress* ped / bike Identify alternate bike routes in order plans) and *long-term improvements* routes to maintain auto-oriented roadways. Engineering solutions to decrease reliance on police resources: A lot of discussion about walkers / Need to prevent jay walking / Reduce speeding & Reduce improve pedestrian behavior walkability (vs bicyclists) Jaywalking They are OK with Roundabouts (but Ped / bike facilities should be in Employees are encouraged to walk / prior engineering guidance was convenient locations bike to work one day a week insufficient ROW)

Vision Discussion: What We Heard @ 1-on-1 Listening Sessions

Redevelopment Areas

- Andrews Avenue
- NE 26th Street
- Dixie Highway / 5-Points

Walkability

- Comfortable
- Need sidewalks in appropriate places

Raised Crosswalks

• Supports raised crosswalks

Roundabouts

Supports roundabouts

Bike Facilities

Supports protected bike lanes

Speed Reduction

Supports speed reduction

Speed Enforcement

- Supports increased speed enforcement Guiding Principles
- Supports guiding principles

Vision Statement

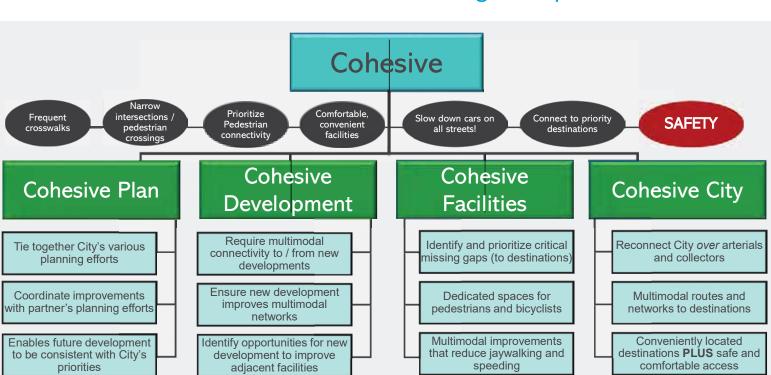
Supports Vision Statement

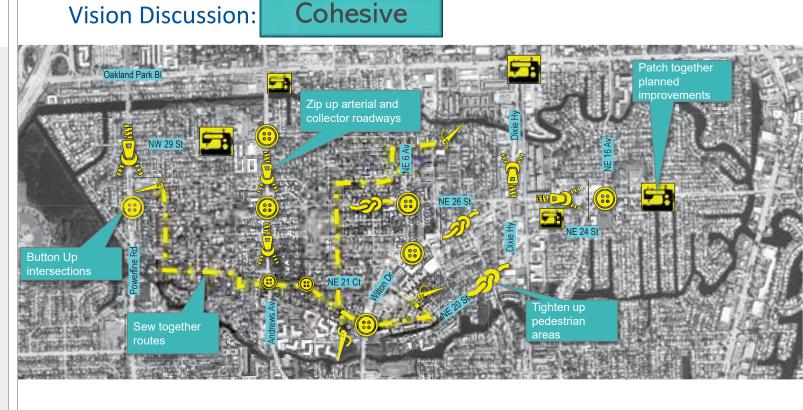


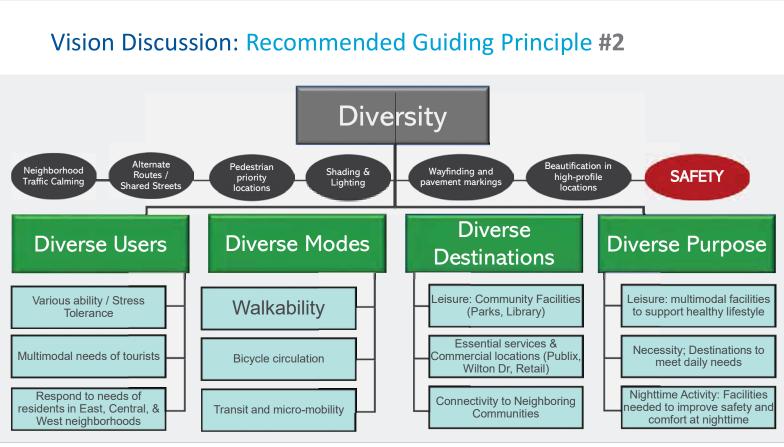


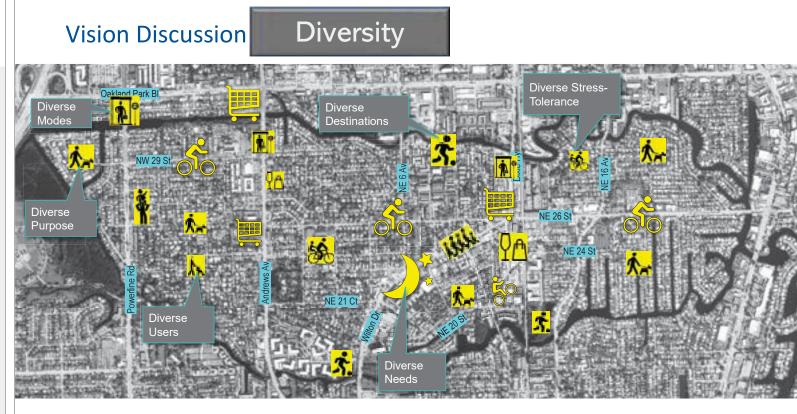
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Vision Discussion: Recommended Guiding Principle #1









Potential Vision Statement

The Vision of the City of Wilton Manors Transportation Plan is to develop multimodal facilities that create a **cohesive** community and address the **diverse** needs of residents, visitors, and business owners. The Plan's recommended improvements are intended to improve safety, walkability, quality of life, and economic development through the provision of safe, comfortable, and convenient walking and biking networks. Further, specific consideration is given to facilities needed for both daytime and nighttime usage.

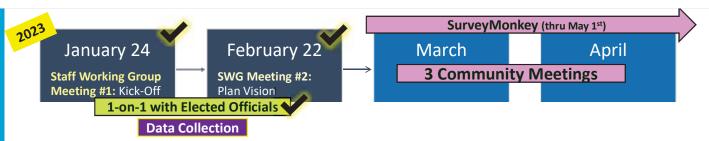
Consensus Discussion

- ✓ Do you agree with the recommended Guiding Principles?
 - ✓ Cohesive?
 - ✓ Diversity?
- ✓ If not, what Guiding Principles do you think should be considered?
- ✓ Do you want an additional Guiding Principle?



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- 1. Confirm dates, times, locations for Community Meetings City
- 2. Prepare for Community Meetings MPO
- 3. Schedule SWG Meetings (May and July) City
- 4. Update project schedule as more dates are provided by the City MPO
- 5. Continue data collection city
- 6. Modify Plan Vision (if applicable) MPO
- 7. Develop Goals, Objectives, and Evaluation Criteria MPO
- 8. Continue to promote / distribute Survey Monkey city

Recent Plans - Questions:

1. City of Wilton Manors TOD Master Plan (Sept 2019)

- In this Plan are conceptual renderings, proposed streetscapes for several roads (5-Points p. 46, NE 6th St p. 70, NE 24th St p. 70, NE 26th St p. 71, and N. Dixie Hy p. 72)
- ? What is the status of this proposed improvements?

2. Westside Neighborhood Traffic Calming Study (June 2022)

- This plan recommends four Traffic Calming Techniques (Speed tables, Raised Intersections, Textured Pavement, and Neighborhood gateway Feature)
- The City's Traffic Calming Management Manual lists many more techniques (over 13 pages).
- ? Why does the Westside Plan only recommend four Traffic Calming Techniques?
- ? What is the status of this proposed improvements?

3. Oakland Park Train Station / First Last Mile Plan

- The Plan includes a Sidewalk GAP Map with numerous sidewalks listed as "Potential Future Sidewalks"
- ? Is there a map of all future sidewalks?

- 4. Trafficways Amendment for Andrews Ave
 - √ Please submit a copy of the application and / or latest documents
- 5. NE 26th Avenue, Transportation Surtax Project (WILT-003)
 - ✓ Please submit a copy of the latest documents
- 6. Andrews Ave Bike Lanes, Transportation Surtax Project (B37)
 - Please submit a copy of the latest information / communication from the County



February 22, 2023 | Staff Working Group Meeting #2 (Vision)

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Agenda

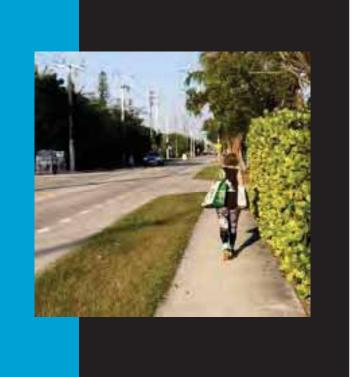
- 1. Current Status (5 minutes)
- 2. Recap of Public Engagement (10 minutes)
 - a) Survey Monkey Results
 - b) Community Meeting feedback
- 3. Plan Study Area Go / No Go Discussion (60 minutes)
- 4. Next Steps / Action Items (10 minutes)

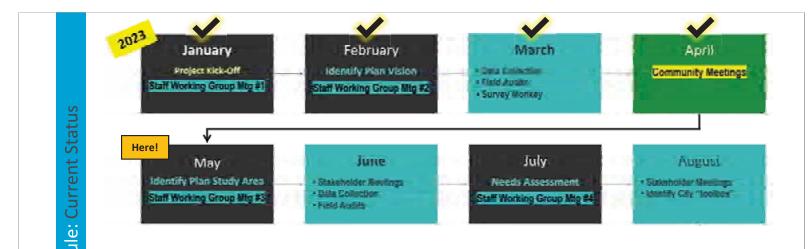
Also attached:

- Complete responses from SurveyMonkey
- Highlights from SurveyMonkey responses

Meeting Goal:

- ✓ Select Plan Study Area's six roadways
- ✓ Confirm Action Items





Public Engagement Recap: Survey Monkey **Survey Monkey:** Q5 Please rank in order the streets you Q6 Rank in order the locations in Wilton would like to have better walkability Manors you would like to be able to walk • From 2/13/2023 to 5/15/2023 or bike to. • 478 Responses: **38%** from 33305, 33% from 33334, 23% from 33311 42% ranked as #1 16% ranked as #1 • 204 General Comments 22% ranked as #1 Full Results attached separately 11% ranked as #1 16% ranked as #1 22% ranked as #1 Q2: Please rank in order your biggest concerns about 14% ranked as #1 transportation in Wilton Manors 8% ranked as #1 3% ranked as #1 4% ranked as #1 .5% ranked as #1 10% ranked as #1 2% ranked as #1 2% ranked as #1 3% ranked as #1 2% ranked as #1 38% ranked as #1 BrowardMPO.org

Survey Monkey: Comments Summary

Wilton Drive

18 comments

Ave. 5 Points

NW / NE 21 Ct

- 18 comments
- Intersections mentioned: Andrews Ave, NW 25th St. Wilton Drive, NW 5th Ave
- Most common topics: Signal issues, sidewalk gaps
- Overall summary: Should be a priority roadway. There are a lot of sidewalk gaps.

Powerline Rd

6 comments

- List of intersections mentioned: NW 29th St, Mickel Park entrance
- Most common topics: Speeding, issues with bike lane placement
- Overall summary: Cars are driving too fast on Powerline Road. No one is using the new hike lanes

speeding.

- 6 comments
- List of intersections mentioned NE 26th St, Oakland Park Blvd

Dixie Highway

List of intersections mentioned: NE 7th

Most common topics: Lack of shade,

Overall summary: More crosswalks and

sidewalk gaps, pedestrian safety

shade trees are needed. Cars are

- Overall summary: Need better connectivity to the city Oakland Park. Bike facilities are needed on Dixie Hwy

Overall summary: More crosswalks and sidewalks are needed

NE 6 Avenue 5 comments

NE 26 Street

List of intersections mentioned: Oakland Park Blvd

crosswalks, pedestrian safety issues

List of intersections mentioned: by Wilton

Station, 5 Points, Federal Highway, NE 14th

Most common topics: Speeding cars, lack of

- Most common topics: Bike facilities are lacking, pedestrian issues (lighting, sidewalks)
- Overall summary: Need better bike facilities. More lighting should be installed. The sidewalks need to be wider.

5-Points

- 8 comments
- Most common topics: 5 points feels unsafe/difficult to
- Overall summary: 5 Points intersection is hard to cross. There are signal timing issues. A pedestrian elevated walkway should be installed at 5 Points.

Westside

7 comments

- List of intersections mentioned: NW/NE 21st Ct (Andrews to Wilton Dr), NW 20th St and Andrews, NW 21st Ct and NW 5th Ave
- Most common topics: Lack of sidewalks, speeding cars on Powerline Rd, lack of crosswalks in the area.
- Overall summary: There needs to be better connectivity from the Westside to Wilton Drive. Pedestrian safety is a big concern. There are many sidewalk gaps and a lack of safe crossing locations.

General (No Locations)

- Summary about sidewalks: Sidewalk gaps should be filled in. There is a concern for pedestrian safety.
- Summary about biking: Biking needs to be safer in the City. More bike racks are needed.
- Summary about Speeding: More police enforcement is needed to address speeding. Traffic calming is needed in some areas.
- Summary about Circuit: It is a great addition to the City. The boundaries should be expanded.
- Other: More transit options are needed.

Public Engagement Recap: Community Meetings

Community Meetings:

- 11 Attendees at 4/19/2023 Afternoon Meeting
- 19 Attendees at 4/24/2023 Evening Meeting

Copy of Meeting Graphics, Sign-In Sheets, Photos of Aerials, and **Transcribed Comments attached**













Misc. Locations 102 comments

20 comments

- List of intersections mentioned: NE 5th Ave between the library and the liquor store, NE 24th St at the FEC tracks, NE 20th St, (from Wilton Drive to Wilton Tower), NE 9th Ave (Wilton Dr to NE 26th St), NE 5th Ave needs speed bumps ASAP between NE 26th St and NF 21st Ct
- Most common topics: Traffic calming, speeding, Connectivity
- Overall summary: Vehicles are speeding on Powerline Road, NE 1st Avenue, NE 5th Avenue. There are several sidewalk gaps and connectivity to Wilton Drive should be a

43 comments

- List of intersections: NE 24th St, NE 26th St, NW 20th St, NW 21st Ct, NW 25th St, NW 29th St
- Overall summary: Andrews Ave should be a priority roadway. There are lack of crosswalks and intersection safety concerns for pedestrians

- 22 comments
- Most common topics: Pedestrian, Crosswalk
- There are a lot of pedestrian safety/crosswalk needs.

NE 26 Street

35 comments

- List of intersections: 5 Points (east, Andrews Ave, NE 6th Ave, NE
- Most common topics: Priority, Shade, Pedestrian
- Overall summary: A lot of pedestrian safety concerns and crosswalk needs.. NE 26th St is lacking shade and should be a priority roadway

Nilton Drive

- List of intersections: City Hall, Belle Isle to 5 points, NE 20th St, NW 7th Ave.
- Most common topics: Pedestrian, Crosswalk, Signals
- Overall summary: There is a lot of jaywalking, due to crosswalk placement. Signals take too long.

- 18 comments

41 comments

General Comments

- Most common topics: Bike facilities; Routes
- Overall summary: More off-street bike improvements are needed, additional bike racks are needed, cut through traffic is an

Plan Study Area: Go / No Go Discussion

Plan Study Area:

- 6 Roadways will be assessed for needs and multimodal improvements
- Planning-level concepts and cost estimates will be produced for the 6 Roadways

Go / No Go Considerations **Plan's Guiding Principles**

Cohesive:

- How is this road limiting multimodal connectivity and reducing walking and biking in the City?
- Is this road uncomfortable, unsafe, or inconvenient to cross?
- What is the potential for this roadway to improve access to desired destinations?
- What is the potential for this roadway to become a multimodal route?

Diversity:

- Does this roads impact residents in the western, central, and eastern neighborhoods?
- Does this road have access to Broward County transit or planned premium transit?
- Who uses this road?
- Can this road provide access to a variety of destinations?

10 Roadways reviewed: high-level analysis of qualitative / quantitative data

- Review intended to assist Go / No Go Discussion
- Not a data & needs assessment
- Suggested locations are noted, but should not be considered formal recommendations
- Final Plan Study Area may be further refined based on feedback from facility owners

• 5 North / South Roadways

- Powerline Rd; Andrews Av; NE 6 Av; Wilton Dr; and N. Dixie Hwy
- Tend to be greatest deterrent for citywide multimodal activity
- They are wider, tend to have higher posted and actual speeds, some are regional roadways designed to move cars quickly, they have fewer crosswalks
- Crossing these streets is inconvenient, uncomfortable, and perceived as unsafe.
- √ 3 North/ South Roadways suggested as Go Roadways

• 5 East / West Roadways

- NW 29 St; NE 26 St; NW/NE 24 St; NW/NE 21 Ct; and NE 20 St
- Tend to be narrower with lower stress facilities
- But they are often lacking sidewalks, bike facilities, and similar multimodal facilities
- Have the greatest potential for establishing citywide routes
- √ 3 East / West Roadways suggested as Go Roadways

Community Meetings: Comments Summary

Andrews Avenue

Most common topics: Priority, pedestrian/crosswalk, intersection

Powerline Rd

- List of intersections: NW 25th Ct, NW 29th St, NW 9th Terr
- Overall summary: There should be better connectivity to Mickel Park.

Dixie Highway

- 15 comments
- List of intersections: 5 points, NE 24th St, NE 26th St

crosswalk needs and pedestrian safety issues.

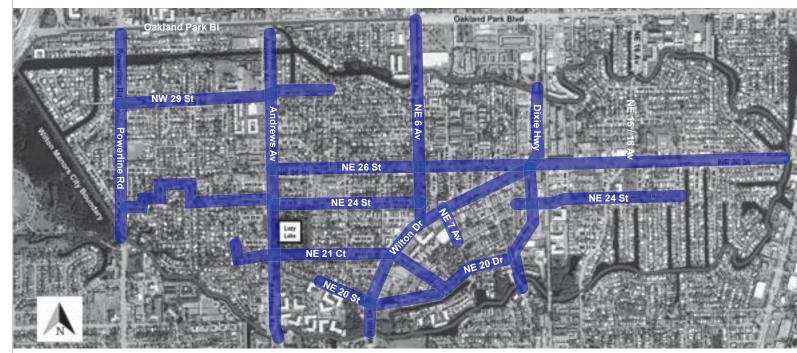
Most common topics: Safety, Pedestrian Overall summary: There are several safety comments. There are

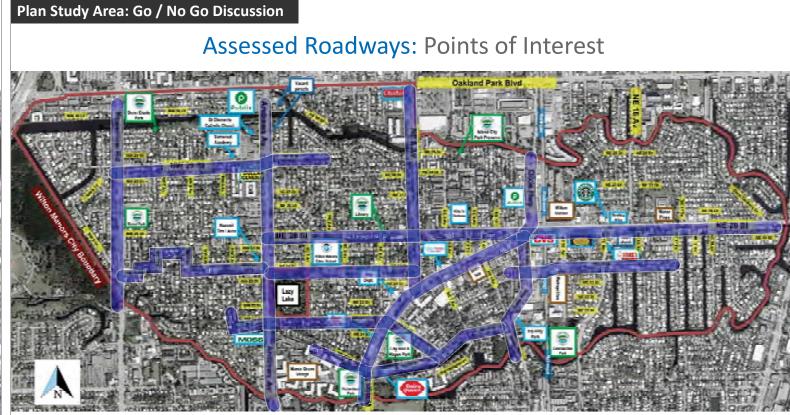
Misc. Locations

- 16 comments
- Locations: NE 15 Av; NE 21 Ct; NE 6 Av; NW 29 St
- Overall summary: There are a lot of sidewalk gaps/needs. Due to vehicles speeding, there are bike/ped safety concerns

Plan Study Area: Go / No Go Discussion

Assessed Roadways





Plan Study Area: Go / No Go Discussion

Assessed Roadways: High Injury Network, Transit, Major Destinations



The high injury network map (2016 – 2020) was created by aggregating fatal and serious injury crashes to each street segment (where a single street segment is an undivided roadway between its intersections with other streets).

Assessed Roadways: High Injury Network, Land Use

Plan Study Area Discussion - Roadway Assessment

Roadwa	ay Ownership /			North/South					East/West		
	Safety	Powerline Rd	Andrews Av	NE 6th Av	Wilton Dr	N. Dixie Hwy	NW 29th St	NE 26th St	NW / NE 24th St	NW / NE 21st Ct	NE 20th St
Roadway Owner		FDOT	Broward County	Broward County	FDOT	South of 5-Points = City North of 5-Points = FDOT	City	West of 5-Points = City East of 5-Points = Broward County	City	City	City
High Injury Network 2017- 2021	All – High	Yes OPB to NW 29 St NW 9 Te to southern city boundary	Yes OPB to NW 27 Dr	No	Yes NE 22 St to NE 9 Av	Yes NE 25 St to northern city boundary	Yes NW 3 Av to Andrews Av	Yes NE 14 Av to 5- Points	No	No	No
	All – Highest	Yes OPB to NW 30 St	Yes OPB to NW 29 St	No	Yes NE 6 Av to NE 9 Av	Yes 5-Points to northern city boundary	No	No	No	No	No
	Bike / Ped	No	Yes OPB to NW 29 St	No	Yes NE 6 Av to NE 9 Av	No	No	No	No	No	No

	Cohesive			North/South					East/West		
0	Corresive		Andrews Av	NE 6th Av	Wilton Dr	N. Dixie Hwy	NW 29th St	NE 26th St	NW / NE 24th St	NW / NE 21st Ct	NE 20th St
	Close to Park / Community Facility	Mickel Park (Ped Entrance) Snook Creek Park	Andrews Av Park Rachel Richardson Park	■ WM Library ■ Island City Park Preserve	Richardson Park City Hall / Hagen Park Jaycee Park	Equality Park	■ Donn Eisele Park ■ ICPP	WM Library	WM Library	City Hall / Hagen Park Richardson Park ME Depalma Park Equality Park	 City Hall / Hagen Park Richardson Park Equality Park
Cohesive Facilities	Close to School	School crossing guard at NW 29th St	Somerset Academy School crossing guard at NW 24th Av	KIDS Little Flowers Montessori School Speed Zone	FLHS	Busy Bees Day Care	■ Somerset Academy ■ School Speed Zone	WM Elem School Little Flowers Montessori KIDS School Speed Zone	WM Elem School School Crossing Guard at Andrews Av School Speed Zone Busy Bees	FLHS	FLHS
Cohesive City	Roadway cross-access (number of lanes, frequency of crosswalks)	4-lane Arterial (Principal) Crosswalks located only at OP Bivd, NW 29th St, and mid-block south of NW 26 St Regional roadway extending from Sunrise Blwd past northem County Boundary	4-lane Arterial (Minor) Many intersections are off-set, several missing crosswalks Regional roadway with access to downtown Ft Lauderdale	2-lane Collector (Major) All intersections have crosswalks Roadway terminates at Wilton Dr	2-lane Arterial (Minor) Frequent crosswalks from NW 20th St to NW 6 Av Roadway transitions to NE 4th St, with access to downtown Ft Lauderdale	Transitions from 2-lane to 4-lane at 5-Points Signalized crosswalks at 5- points. Other crosswalks are unsignalized.	2-lane local road Signalized crosswalks at Powerline Rd and Andrews Av, as well as signalized mid-block crosswalk. Numerous raised crosswalks	Transitions from 2-lane to 4-lane Collector (Major) at 5-Points Infrequent crosswalks (none east of NE 15 th Av) and frequent jaywalking observed. Roadway terminates at Andrews Av	2-lane local road in residential neighborhoods	2-lane local road in residential neighborhoods	2-lane local road in residential neighborhoods

Page **1** of **5**

	Plan Study Area Discussion – Roadway Assessment										
Redevelopment / Roadway			North/South			East/West					
Improvements	Powerline Rd	Andrews Av	NE 6th Av	Wilton Dr	N. Dixie Hwy	NW 29th St	NE 26th St	NW / NE 24th St	NW / NE 21st Ct	NE 20th St	
Planned Redevelopment / TOC Land Use	No	■ TOC West ■ Vacant Properties north of 29th St	■ TOC West (between river and OPB) ■ Adjacent – Sprouts property	Activity Center WILMA	тос	TOC West	■ TOC West ■ TOC ■ Holy Mackerel Site ■ Vacant property at 15th Av	TOC Holy Mackerel	No	No	
Planned / Roadway Improvements	FDOT recently posted reduced speed limit signs MTP 2050 Call For Projects: Add traffic calming measures	Surtax Project: Mobility Improvements Broward County improvements for intersection at NE 26 St (new crosswalk) MTP 2050 Call For Projects: Redesign to add medians, lighting, and landscaping	■ FLM Study "Bicycle Blvd" ■ WDID requested FDOT for Scramble Intersection at Wilton Dr ■ MTP 2050 Call For Projects: Wilton Dr / Roundabout	Protected Intersection at City Commission WIDID requested FDOT for Scramble Intersection at NE 6 Av MTP 2050 Call For Projects: NE 6 Av / Roundabout	MTP 2050 Call For Projects: Bridge over South Fork of Middle River (replace bridge, all lighting)	■ CSLIP project ■ Westside Neighborhood Traffic Calming Study – Misc Improvements	Surtax project, east of 5-points Broward County improvements for intersection at Andrews Av (new crosswalk) FLM Study FLM Study	(NE) Intersection at NE 15 Av converted to raised intersection (NW) Westside Neighborhood Traffic Calming Study – Neighborhood Gateway Feature	(NW) Westside Neighborhood Traffic Calming Study	■ FDOT presented Protected Intersection at City Commission	

Page 3 of 5

Plan Study Area Discussion - Roadway Assessment

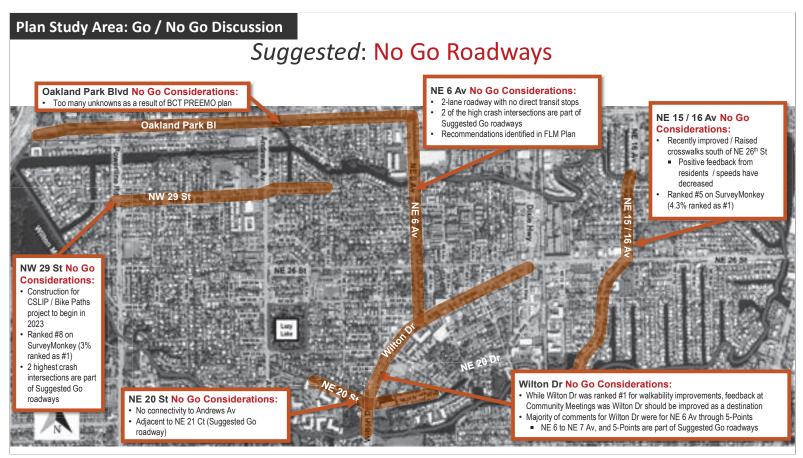
D	iversity			North/South					East/West		
D	iversity	Powerline Rd	Andrews Av	NE 6th Av	Wilton Dr	N. Dixie Hwy	NW 29th St	NE 26th St	NW / NE 24th St	NW / NE 21st Ct	NE 20th St
	Transit Riders	Yes	Yes	Indirect / Stops on crossroads	Yes	Yes	Indirect / Stops not on roadway	Yes	Indirect / Stops on crossroads	Indirect / Stops on crossroads	Indirect / Stops on crossroads
	Students	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No
Diverse Users	Seniors No		Yes (Hidden Palms)	No	No	Yes (Equality Park)	No	Yes (Manor Pines, Williamsburg Landing, Windsor Place)	Yes (Manor Pines)	Yes (Equality Park)	No
	Tourists	No	No	Yes	Yes	Yes	No	Yes	No	No	No
	Western Residents	Yes	Yes	No	No	No	Yes	No	Yes	Yes	No
	Central Residents	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
	Eastern Residents	No	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes
Diverse	BCT Stop	Yes (BCT Route 14)	Yes (BCT Route 60)	Intersections (OPB and Wilton Dr)	Yes (BCT Route 50)	Yes, north of 5- Points (BCT Route 50)	Intersections (Powerline and Andrews Av)	Yes, east of 15th Av (BCT Route 20)	Intersections (at Andrews Av & Wilton Dr)	Intersections (at Andrews Av & Wilton Dr)	Intersections (at Wilton Dr)
Modes	Planned Premium Transit	Yes	Yes (OPB)	Yes (OPB)	No	Yes (OPB)	No	No	No	No	No
	Broward Commuter Rail	No	No	No	No	Yes (Direct route to OP Station)	No	No	No	No	No
	Parks / Community Facility	Mickel Park Snook Creek Park	 Andrews Avenue Park Rachel Richardson Park 	■ WM Library ■ ICPP	Richardson Park City Hall / Hagen Park Jaycee Park	Equality Park	Donn Eisele ParkICPP	WM Library		City Hall / Hagen Park Richardson Park ME Depalma Park Equality Park	City Hall / Hagen Park Richardson Park Equality Park
	Grocery Store / Pharmacy	No	PublixDollar General	Sprouts	Publix	Publix	Dollar General	Publix CVS	CVS	No	No
	Entertainment / Nighttime Areas	No	No	Scandals Wilton Dr	Wilton Dr	Theater District	No	From NE 6th Av to NE 15 Av	Wilton DrDixie Hwy	Wilton DrDixie Hwy	Wilton DrDixie Hwy
		School crossing guard at NW 29th St	 Somerset Academy School crossing guard at NW 24th Av 	KIDSLittle Flowers Montessori	FLHS	Busy Bees	Somerset Academy	WM Elem. School Little Flowers Montessori KIDS	WM Elem. School School Crossing Guard at Andrews Av Busy Bees	FLHS	FLHS

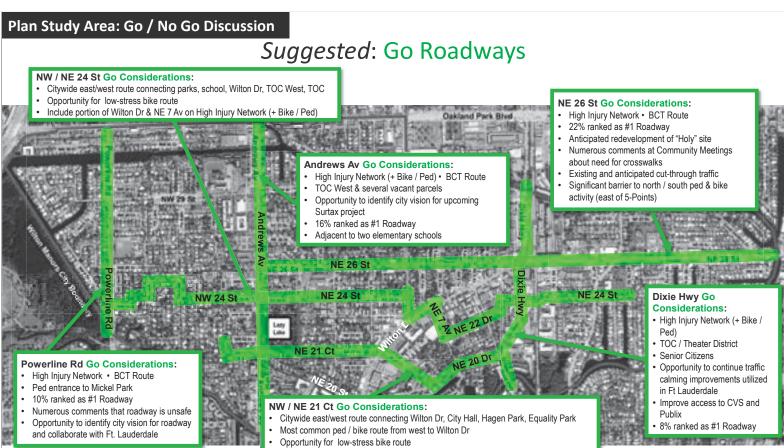
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Plan Study Area Discussion - Roadway Ass	essment

				North/South					East/West		
Public Engagement		Powerline Rd	Andrews Av	NE 6th Av	Wilton Dr	N. Dixie Hwy	NW 29th St	NE 26th St	NW / NE 24 th St	NW / NE 21st Ct	NE 20th St
	Q5: Streets to have better walkability (Rank)	7 10% Rank as #1	2 15% Rank as #1	3 11% rank as #1	1 26% rank as #1	4 8% rank as #1	8 3% rank as #1	4 22% rank as #1	Not Listed	Not Listed; 9 General Comments selecting this roadway for Priority	Not Listed
Survey Monkey	Q7: General Comments (approx. # of comments & General themes)	6 comments Intersections noted: NW 29th St, Mickel Park entrance Most common topics: Speeding, issues with bike lane placement Overall summary: Cars are driving too fast on Powerline Rd. No one is using the new bike lanes.	4 comments (Additional 7 comments about Westside)	Scomments Intersections noted: OP Blvd Most common topics: Bike facilities are lacking, ped issues (lighting, sidewalks) Overall summary: Need better bike facilities. More lighting should be installed. The sidewalks need to be wider.	18 comments Intersections noted: NE 7th Ave, 5 Points Most common topics: Lack of shade, sidewalk gaps, pedestrian safety Overall summary: More crosswalks and shade trees are needed. Cars are speeding.	6 comments Intersections noted: NE 26 St, OP Blvd Overall summary: Need better connectivity to the city Oakland Park. Bike facilities are needed on Dixie Hwy	■ 7 comments for the Westside	18 comments Intersections noted: by Wilton Station. 5 Points, Federal Highway, NE 14th Ave Most common topics: Speeding cars, lack of crosswalks, pedestrian safety issues Overall summary: More crosswalks and sidewalks are needed	■ 2 comments	18 comments Intersections noted: Andrews Av, NW 25 St, Wilton Dr, NW 5 Av Most common topics: Signal issues, sidewalk gaps Overall summary: NE 21st C should be a priority roadway. There are a lot of sidewalk gaps	■ 1 comment
Community Meeting Feedback (approx. # of comments & General themes)		22 comments List of intersections: NW 25th Ct, NW 29th St, NW 9th Terr Most common topics: Pedestrian, Crosswalk Overall summary: There should be better connectivity to Mickel Park There are a lot of pedestrian safety/crosswalk needs.	43 comments List of intersections: NE 24th St, NE 26th St, NW 20th St, NW 21st Ct, NW 25th St, NW 29th St Most common topics: Priority, pedestrian/crosswalk, intersection safety Overall summany: Andrews Ave should be a priority roadway. There are lack of crosswalks and intersection safety concerns for pedestrians.	■ 2 comments, though often discussed in conjunction with Wilton Dr	18 comments List of intersections: City Hall, Belle Isle to 5 points, NE 20th St, NW 7th Ave Most common topics: Pedestrian, Crosswalk, Signals Overall summary: There is a lot of jaywalking, due to crosswalk placement. Signals take too long.	15 comments List of intersections: 5 points, NE 24th St, NE 26th St Most common topics: Safety, Pedestrian Overall summary: There are several safety comments. There are crosswalk needs and pedestrian safety issues.	■ 2 comments	St comments List of intersections: 5 Points (east, Andrews Ave, NE 6th Ave, NE 8th Ave Most common topics: Priority, Shade, Pedestrian Overall summary: A lot of pedestrian safety concerns and crosswalk needs, NE 26th St is lacking shade and should be a priority roadway	1 comments; though often discussed in conjunction with Andrews Av	3 comments; though often discussed in conjunction with Andrews Av	Discussed in conjunction with Andrews Av

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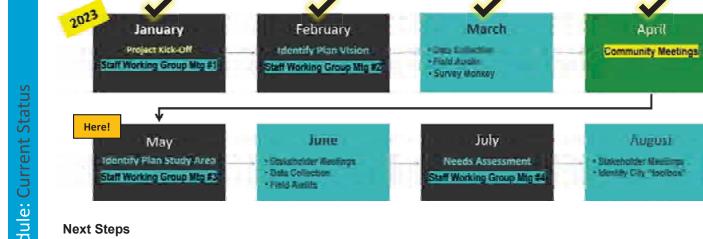




Plan Study Area: Go / No Go Discussion



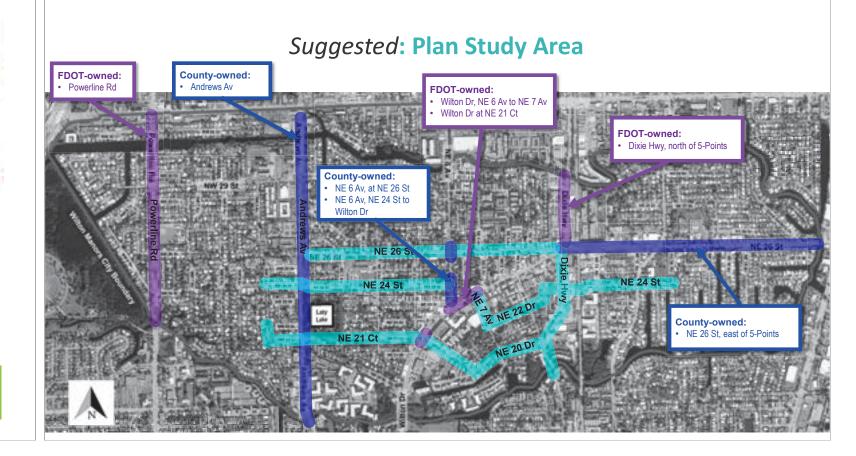
Plan Study Area: Go / No Go Discussion



- 1. Update Project website with Map of Plan Study Area
- 2. Kick-Off consultant resources
- 3. Stakeholder Meetings: Broward County, FDOT, City of Fort Lauderdale, etc...
- In-depth 5-year crash assessment of Plant Study Area
 Field Audits with Broward County and FDOT
- 6. Prepare Needs Assessment

City Action items

- 1. Schedule July SWG Meeting
- 2. Provide latest status of roadway projects and development approvals along Plan Study Area roadways



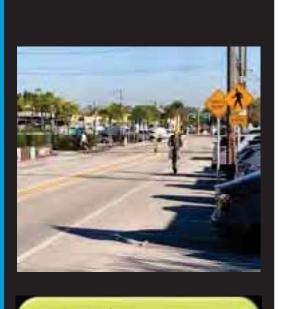


Agenda

- 1. Current Status (5 minutes)
- 2. Citywide Multimodal Conditions Assessment (5 minutes)
- 3. Plan Study Area Roadways: County & FDOT-Owned (10 minutes)
- 4. Plan Study Area Roadways: City-Owned (30 minutes)
- 5. Westside Neighborhood Route (5 minutes)
- 6. Next Steps (5 minutes)
- 7. Discussion (30 minutes)

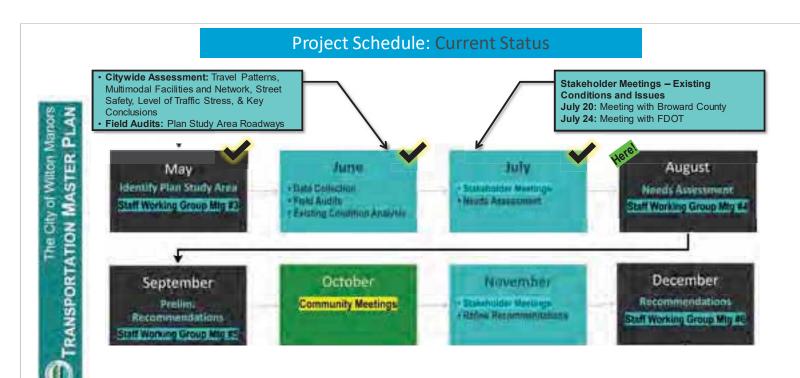
Attachments:

- Citywide Assessment of Existing Conditions
 Citywide Assessment: Key Conclusions
- Resentation: Existing Conditions and Issues for County-Owned Roadways
 Presentation: Existing Conditions and Issues for FDOT-Owned Roadways
 City Routes NE 24 St, NW/NE 21 CT Field Audit Observations



Meeting Goal:

- ✓ Inform about the Citywide Assessment
- ✓ Confirm Existing Conditions for Plan Study Area roadways (County / FDOT owned)
- / Discuss Existing Conditions of City-owned
- Plan Study Area roadways
- ✓ Confirm Westside Neighborhood Route
- Confirm Action Items



Existing Conditions: Citywide Assessment

- Demographic information
- · Land use and destinations
- Roadway characteristics
- Biking conditions (incl. Level of Traffic Stress)
- Walking conditions (incl. Level of Traffic Stress)
- Crosswalk / Crossings
- Transit locations

















Street Safety

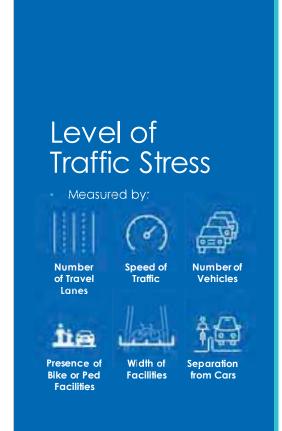
- Highest crash corridors:
 - Powerline Road
 - Andrews Avenue
 - NE 26th Street
 - Wilton Driv
 - NE 15th Av
 - Dixie Highway
- ...Are generally the only streets that provide access into and out of WIton Manors

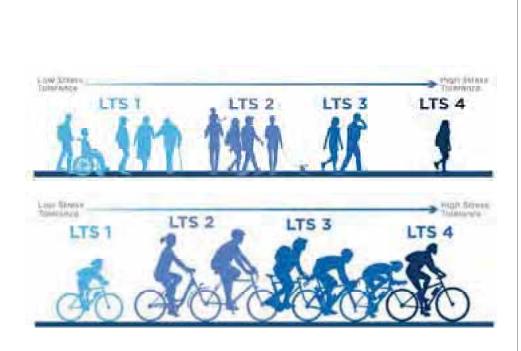


Walking & Biking Safety

- East / West Crossings
 - Powerline Road
 - Andrews Avenue
 - Dixie Highway
- North / South Crossings
 - Wilton Drive
 - NE 26th Street











Addressing Issues on 6 Key Corridors

- East / West Crossings
 - Powerline Road
 - Andrews Ave
 - Dixie Hwy
- North / South Crossings
 - NE 26th St
 - Wilton Drive
- LTS 3 & 4 Walking / Biking Facilities
 - Powerline Road
 - Andrews Ave
 - Dixie Hwy
 - Wilton Drive
 - NE 26th St
- Neighborhood Connections
 - NE / NW 24th St
 - NE / NW 21st Ct



Addressing Issues on 6 Key Corridors

- East / West Crossings
 - Powerline Road
 - Andrews Av
 - Dixie Hwy
- North / South Crossings
 - NE 26th St
 - Wilton Drive
- LTS 3 & 4 Walking / Biking Facilities
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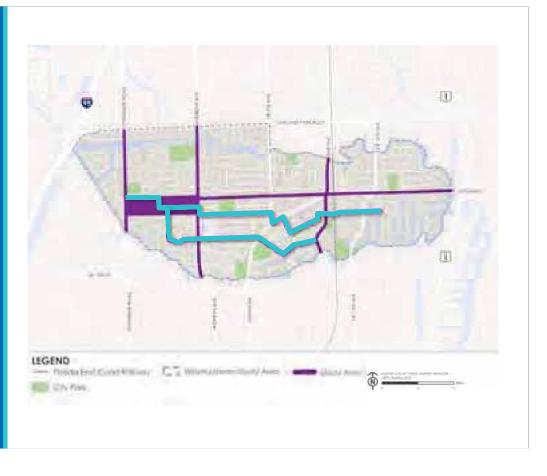
Addressing Issues on 6 Key Corridors

- East / West Crossings
 - Powerline Road
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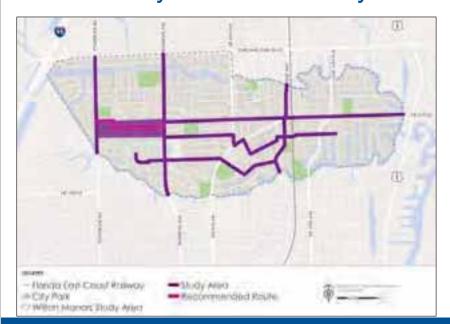


Addressing Issues on 6 Key Corridors

- East / West Crossings
 - Powerline Road
 - Andrews Ave
 - Dixie Hwy
- North / South Crossings
 - NE 26th St
 - Wilton Drive
- LTS 3 & 4 Walking / Biking Facilities
 - Powerline Road
 - Andrews Ave
 - Dixie Hwy
 - NE 26th St
- Neighborhood Connections
 - NE / NW 24th St
 - NE / NW 21st Ct



Plan Study Area & Roadway Jurisdiction



Roadway Jurisdictio



FDOT

Powerline Rd

· Dixie Hwy, from 5-Points north Wilton Dr

Broward County

Andrews Av

· NE 26 St, east of 5-Points

NE 6 Av

· Dixie Hwy, south of 5-Points

• NE 26 St, west of 5-Points

 NW 21 Ct NW 25 St

• NE 20 Dr • NE 20 St

• NE 7 Av

• NE 11 Av • NE 21 Ct

• NE 22 Dr • NE 24 St

Powerline Rd

- FDOT-owned
- Biking LTS = 4 PedLTS = 4

	Summary of Existing Issues									
Х	Speeding vehicles									
	No / Missing bicycle facilities	Х	Bicyclists riding on sidewalks							
х	Bicyclists riding against traffic	х	Bike: Unprotected bike lanes; Vehicles parked in bike lanes; No bike facilities at intersections							
	No / Missing sidewalks X Narrow sidewalks (West ROW)									
х	Sidewalk Obstructions	х	Sidewalk: (West ROW) Sloped / Abuts back-out parking							
Х	Long block length to cross to other	er sic	le of street							
Х	Pedestrians crossing not at cross	walk	s							
Х	Long crossing distance at crosswalks									
Х	Pedestrian / Vehicle conflicts at c	ross	walks							
Х	Insufficient crossing time for cross	swall	(S							

Access Management issues: Conflict points; prohibited turn movements; back-

X BCT Stops are missing pedestrian amenities / not ADA compliant

No school crossing signage or pavement markings for adjacent K-12 Schools

212 Total Crashes





5-Year Crash Trends (2018 to 2022) excluding OP Blvd

30% of crashes at NE 29 St intersection resulted in injuries

1 Ped Crash (Fatality) + 3 Bike crashes (Injury) = All occurred during daytime

46% of Injury Crashes caused by Rear End collisions









Focus Locations

X No wayfinding signage

out parking

- Intersection @ NW 29 St
- Multiblock area adjacent to Mickel Park

Dark at night, especially for pedestrians

Dixie Hwy

No / Missing bicycle facilities:

- FDOT-owned
- Biking LTS = 3
- PedLTS = 3

	Summary of Existing Issues for FDOT-Owned Roadway
(Speeding vehicles

Х	Share the road markings on NB Lanes	Х	Bicyclists riding on sidewalks
х	Bicyclists riding against traffic	х	Bike: Share the road markings on NB Lanes
Х	No / Missing sidewalks (East ROW)		Narrow sidewalks
Y	Sidewalk Obstructions		Sidewalk:

- X Long block length to cross to other side of street
- X Pedestrians crossing not at crosswalks
- X Long crossing distance at crosswalks
- X Pedestrian / Vehicle conflicts at crosswalks X Insufficient crossing time for crosswalks
- X Dark at night, especially for pedestrians
- Access Management issues: Frequent turn movements; No center lane median back-out parking; LT in / out of Publix and Dunkin Donuts parking lots
- X BCT Stops are missing pedestrian amenities / not ADA compliant
- X No wayfinding signage
- No school crossing signage or pavement markings for adjacent K-12 Schools

Focus Locations

- 5-Points
- · Multiblock area north of 5-Points

5-Year Crash Trends (2018 to 2022) including City-owned roadway

- 134 Total Crashes
- Majority of Injury Crashes occurred at 5-Points and 1-block north
- 26% of Injury Crashes were ped or bike crashes • 4 Ped Crash + 2 Bike crashes = 2 occurred at entrance to Dunkin Donuts parking lot















Wilton Dr

- FDOT-owned
- Biking LTS = 1 • Ped LTS = 2

Summary of Existing Issues Speeding vehicles

	operaning remember					
	No / Missing bicycle facilities	Х	Bicyclists riding on sidewalks (a.m.)			
	Bicyclists riding against traffic	Х	Bike: Large group of bicyclists			
	No / Missing sidewalks		Narrow sidewalks			
Х	Sidewalk Obstructions	X	Sidewalk: Large groups of pedestrians / Crowding			
Х	Long block length to cross to other side of street (NE 7 Av)					

- X Pedestrians crossing not at crosswalks
- Long crossing distance at crosswalks
- X Pedestrian / Vehicle conflicts at crosswalks Insufficient crossing time for crosswalks
- Dark at night, especially for pedestrians (NE 21 Ct, NE 7 Av)
- Access Management issues: RT slip lanes at NE 7 Av; Cut-through traffic NE 7 Av BCT Stops are missing pedestrian amenities / not ADA compliant
- No wayfinding signage

Focus Locations

- NE 21 Ct
- Multiblock area NE 6 Av to NE 7 Av

5-Year Crash Trends (2018 to 2022) 1 block south of NE 21 Ct to 1 block east of NE 7 Av, plus NE 6 Av from Wilton Dr to NE 24 St, and approx. 1 block east and west of NE 21 Ct.

- 46% of Injury Crashes caused involved Ped or Bike
- Crashes occurring at night: 65% of Injury & 71% of Serious Injury; 28% of crashes at night result in
- 3 Injury & 6 Serious Injury Crashes involved Ped or Bike















Andrews Av

- County-owned
- Biking LTS = 4

Sidewalk: Near NE 24 St, abuts back-

PedLTS = 3

Summary of Existing Issues X Speeding vehicles X No / Missing bicycle facilities X Bicyclists riding on sidewalks X Bicyclists riding against traffic Bike: No / Missing sidewalks X Narrow sidewalks

- out parking X Long block length to cross to other side of street
- X Pedestrians crossing not at crosswalks
- X Long crossing distance at crosswalks
- X Pedestrian / Vehicle conflicts at crosswalks
- X Insufficient crossing time for crosswalks
- Dark at night, especially for pedestrians
- Access Management issues: No center lane median; numerous driveway openings; off-set intersections; conflict points; prohibited turn movements
- X BCT Stops are missing pedestrian amenities / not ADA compliant
- X No wayfinding signage

X | Sidewalk Obstructions

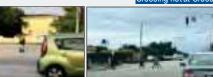
No school crossing signage or pavement markings for adjacent K-12 Schools (WME, K-8 Charter

Focus Locations

- · Intersection @ NW 29 St
- Intersection @ NE 26 St
- Off-Set Intersection @ NW / NE 24 St
 Intersection @ NW/NE 21 Ct

5-Year Crash Trends (2018 to 2022) excluding OP Blvd

- 361 Total Crashes
- 41% of Injury Crashes caused by Rear End collisions
- Crashes occurring at night: 37% of Injury, 60% of Serious Injury, & 100% of fatality; 35% of crashes at night result in injuries
- 2 Ped + 7 Bike crashes











NE 26 St

County-owned

X Bicyclists riding on sidewalks

Abuts back-out parking

Biking LTS = 4 • Ped LTS = 4

Summary of Existing Issues for County-Owned Roadway

X Speeding vehicles X No / Missing bicycle facilities

residential garbage cans)

- X Bicyclists riding against traffic Bike: No / Missing sidewalks Narrow sidewalks Sidewalk Obstructions (incl. Sidewalk: Eastern end - Sloped &
- X Long block length to cross to other side of street
- Pedestrians crossing not at crosswalks (especially in the morning: Near 5-Points, Ne 14 Av, Starbucks, Mid-block east of NE 16 Av)
- X Long crossing distance at crosswalks
- X Pedestrian / Vehicle conflicts at crosswalks
- X Insufficient crossing time for crosswalks
- Dark at night, especially for pedestrians
- Access Management issues: No center lane median; numerous driveway openings; conflict points
- BCT Stops are missing pedestrian amenities / not ADA compliant
- No wayfinding signage
- No school crossing signage or pavement markings for adjacent K-12 Schools

Focus Locations

- 5-Points
- Intersection @ NE 15/16 Av
- · Multiblock adjacent to Holy Site
- Multiblock east of NE 15/16 Av

5-Year Crash Trends (2018 to 2022) including City-owned roadway

- 274 Total Crashes
- Majority of injury crashes near NE 6 Av or near NE 15 to NE 16 Av
- Crashes occurring at night: 30% of Injury, 60% of Serious Injury
- 30% of Injury Crashes were Ped / Bike crashes; 6 Ped + 11 Bike crashes



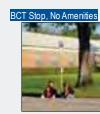












FDOT / County-Owned Roadways

Discussion



QUESTION: Additional existing conditions or issues for these roadways?

NE 26 St

- Biking LTS = 3

Bicyclists

riding on sidewalks

Summary of Existing Issues: City-Owned Roadway

- Speeding vehicles: WME School Speed Limit (15 MPH) 7:30 8:30 am & 2:30 – 3:30 pm from Andrews Av to NE 6 Av
- No / Missing bicycle facilities: Bike Lanes begin / end ~ 250 ft east of Andrews Av; No bike lane within 100 ft of NE 6 Av intersection
- Bicyclists riding against traffic
- No / Missing sidewalks southern ROW, from Andrews Av to NE 1 Av X Narrow sidewalks
- Х Sidewalk Obstructions: near NE 6 Av Sidewalk Long block length to cross to other side of street
- Pedestrians crossing not at crosswalks at NE 1 Av Long crossing distance at crosswalks
- Pedestrian / Vehicle conflicts at crosswalks NE 6 Av Insufficient crossing time for crosswalks
- Dark at night, especially for pedestrians NE 6 Av
- Access Management issues: NE 1 Av is 1-way NB; NE 3 Av is 1-way SB; Left Turns near WME during drop-off/ pick-up; NE 6 Av - Permissive only left-turn phases for all approaches
- No wayfinding signage NE 6 Av
- No school crossing signage or pavement markings for adjacent K-12 Schools (Little Flowers, KIDS)

Focus Locations

5-Year Crash Trends (2018 to 2022)

- 1 Injury Crash near WME (WB to SB LT from NE 26 St to NE 3 Av)
- 7 Injury Crash within 150 ft of NE 6 Av intersection (all directions)
- NE 6 Av: 4 injury crashes caused by running red light
- NE 6 Av: 3 Injury crashes involving pedestrians (including in crosswalk)

















NE 26 St

Discussion

	Summary of Existing Issues: City-Owned Roadway									
х	Speeding vehicles: WME School Speed Limit (2:30 – 3:30 pm from Andrews Av to NE 6 Av	15 MF	PH) 7:30 - 8:30 am &							
х	No / Missing bicycle facilities: Bike Lanes begin/end~ 250 ft east of Andrews Av; No bike lane within 100 ft of NE 6 Av intersection	х	Bicyclists riding on sidewalks							
Χ	Bicyclists riding against traffic									
	Bike									
Х	No / Missing sidewalks southern ROW, from Andrews Av to NE 1 Av									
Χ	Narrow sidewalks									
Х	Sidewalk Obstructions: near NE 6 Av Sidewalk									
Х	Long block length to cross to other side of street									
Χ	Pedestrians crossing not at crosswalks	at NE	1 Av							
	Long crossing distance at crosswalks									
Χ	Pedestrian / Vehicle conflicts at crosswa	lks /	NE 6 Av							
	Insufficient crossing time for crosswalks									
Х	Dark at night, especially for pedestrians	NE 6	Av							
х	Access Management issues: NE 1 Av is 1-way NB; NE 3 Av is 1-way SB; Left Turns near WME during drop-off/ pick-up; NE 6 Av - Permissive only left-turn phases for all approaches									
Х	No wayfinding signage NE 6 Av									
х	No school crossing signage or pavemen adjacent K-12 Schools (Little Flowers, KIDS)	t ma	rkings for							



QUESTION: Additional existing conditions or issues for this roadway?

Dixie Hwy

Missing bicycle facilities: at Bridge

X Bicyclists riding against traffic

Narrow sidewalks: East Row on bridge

X Long block length to cross to other side of street X Pedestrians crossing not at crosswalks Long crossing distance at crosswalks

Insufficient crossing time for crosswalks X Dark at night, especially for pedestrians

X Speeding vehicles

X Bike: Unprotected

Sidewalk Obstructions

openings; X No wayfinding signage

Focus Locations

Summary of Existing Issues: City-Owned Roadway

Missing sidewalks East ROW from 2300 to 2200 & at Bridge; West ROW from 2200 to 2110; No sidewalk in City parking lot @ 24 St

Pedestrian / Vehicle conflicts at crosswalks: Cars not yielding to Ped's at mid-block crosswalks: crosswalks not marked at side streets

Access Management issues: Back-In Parking, Large Driveway

No school crossing signage or pavement markings for adjacent K-12 Schools

 City-owned • Bike LTS = 1

Bicyclists riding on sidewalks

Sidewalk: West ROW sidewalk is at-grade

& abuts back-out parking from 2400 to 2200

• PedLTS = 3

5-Year Crash Trends (2018 to 2022)

- 36 Total Crashes
- · 31% of crashes resulted in Injuries
- · 2 Injury crashes as a result of back-in parking
- 3 Ped/E-Scooter Serious Injury Crashes + 1 Ped Injury Crash (2 crashes at night)



















Focus Locations

Dixie Hwy

Discussion

Summary of Existing Issues: City-Owned Roadway X Speeding vehicles Bicyclists riding on Missing bicycle facilities: sidewalks Bicyclists riding against traffic X Bike: Unprotected Missing sidewalks East ROW from 2300 to 2200 & at Bridge; West ROW from 2200 to 2110; No sidewalk in City parking lot @ 24 St Narrow sidewalks: East Row on bridge Sidewalk: West ROW sidewalk is at-grade Sidewalk & abuts back-out parking from 2400 to 2200 Long block length to cross to other side of street Х Pedestrians crossing not at crosswalks Long crossing distance at crosswalks Pedestrian / Vehicle conflicts at crosswalks: Cars not yielding to Ped's at mid-block crosswalks; crosswalks not marked at side streets Insufficient crossing time for crosswalks Dark at night, especially for pedestrians Access Management issues: Back-In Parking, Large Driveway openings; X No wayfinding signage No school crossing signage or pavement markings for adjacent K-12 Schools

QUESTION: Additional existing conditions or issues for this roadway?

NE 24 St Route

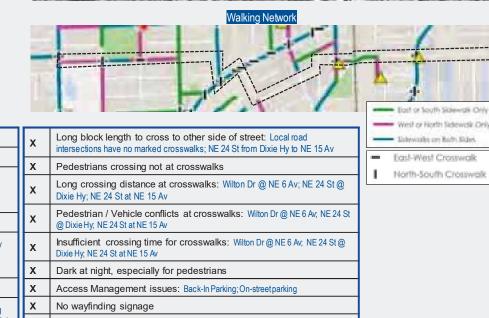
• Includes the two areas of NE 24 St

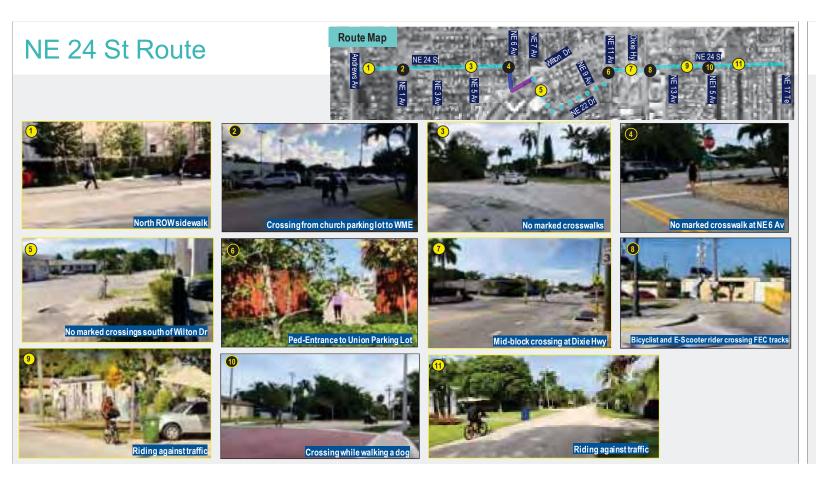
Obstructions

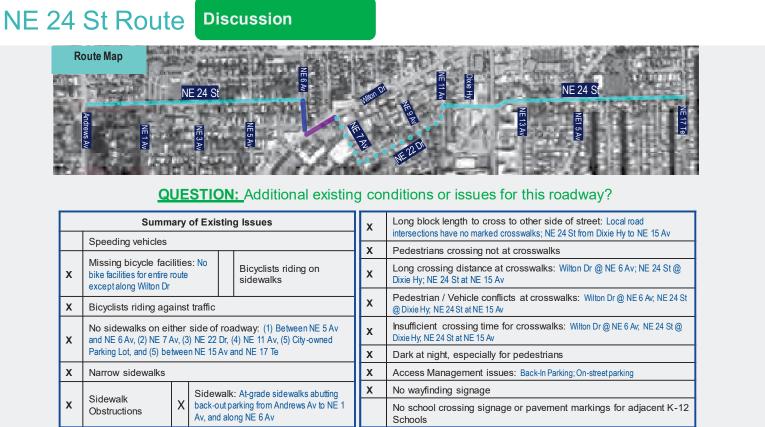
- 1. NE 24 St from Andrews Av to NE 6 Av 2. NE 24 St from Dixie Hwy to NE 17 Te
- Route is connected by NE 6 Av (County-owned), Wilton Dr (FDOT-owned), NE 7 Av, NE 22 Dr, NE 11 Av, and ped-access to city-owned parking lot
- Bike LTS: 1, except: NE 6 Av = 3, Crossing at NE 15 Av = 2
- Ped LTS: NE 6 Av = 2, Wilton Dr = 2, Cros Dixie Hwy = 3, Crossing at NE 15 Av = 2

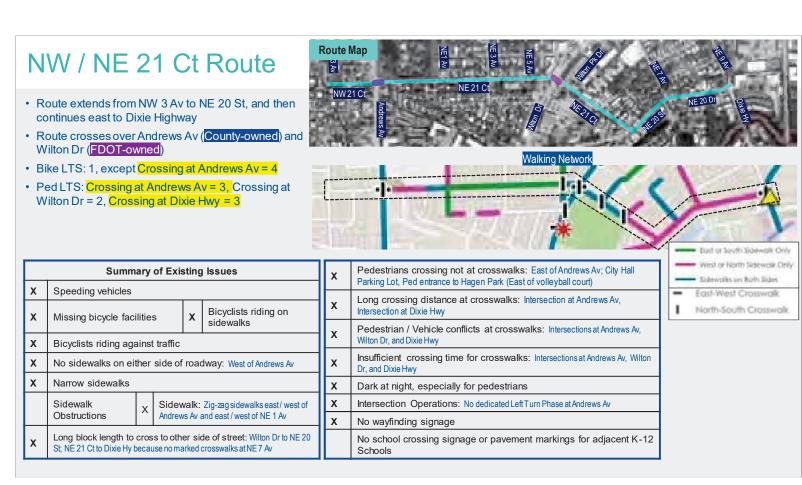
Av, and along NE 6 Av

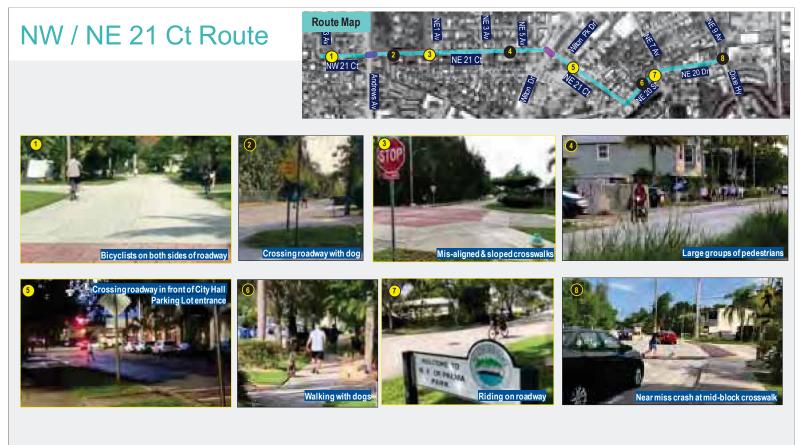
ed LTS: NE 6 Av = <mark>ixie Hwy = 3,</mark> Cros			r = 2, <mark>Crossing at</mark> 15 Av = 2		
Summ	ary of E	xistir	ng Issues	х	Long block length to cross to other side of street: Local road intersections have no marked crosswalks; NE 24 St from Dixie Hy to NE 15 Av
Speeding vehicles		_	1	х	Pedestrians crossing not at crosswalks
Missing bicycle facilities: No bike facilities for entire route except along Wilton Dr		х	Long crossing distance at crosswalks: Wilton Dr @ NE 6 Av; NE 24 St @ Dixie Hy; NE 24 St at NE 15 Av		
Bicyclists riding aga	ainst traf	ic		х	Pedestrian / Vehicle conflicts at crosswalks: Wilton Dr @ NE 6 Av, NE 24 St @ Dixie Hy, NE 24 St at NE 15 Av
No sidewalks on either side of roadway: (1) Between NE 5 Av and NE 6 Av, (2) NE 7 Av, (3) NE 22 Dr, (4) NE 11 Av, (5) City-owned					Insufficient crossing time for crosswalks: Wilton Dr @ NE 6 Av, NE 24 St @ Dixie Hy, NE 24 St at NE 15 Av
Parking Lot, and (5) be				х	Dark at night, especially for pedestrians
Narrow sidewalks				Х	Access Management issues: Back-In Parking; On-street parking
Cidencelle	Sidewalk: A		k: At-grade sidewalks abutting	Х	No wayfinding signage
Sidewalk Obstructions	X back-out parking from Andrews Av to NE 1				No school crossing signage or pavement markings for adjacent K-12









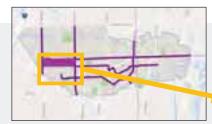




QUESTION: Additional existing conditions or issues for this roadway?

						16		
Summary of Existing Issues							X	Pedestrians crossing not at crosswalks: East of Andrews Av; City Hall Parking Lot, Ped entrance to Hagen Park (East of volleyball court)
Х	X Speeding vehicles							
x	Missing bicycle facilities			x	Bicyclists riding on sidewalks		X	Long crossing distance at crosswalks: Intersection at Andrews Av, Intersection at Dixie Hwy
-							x	Pedestrian / Vehicle conflicts at crosswalks: Intersections at Andrews Av,
Х	Bicyclists riding against traffic							Wilton Dr, and Dixie Hwy
Х	No sidewalks on either side of roadway: West of Andrews Av						x	Insufficient crossing time for crosswalks: Intersections at Andrews Av, Wilton Dr, and Dixie Hwy
Х	Narrow sidewalks						x	Dark at night, especially for pedestrians
	Sidewalk	X	Sidewalk: Zig-zag sidewalks east/ west of Andrews Av and east/ west of NE 1 Av)	X	Intersection Operations: No dedicated LeftTurn Phase at Andrews Av	
	Obstructions				,	Χ	No wayfinding signage	
х	Long block length to cross to other side of street: Wilton Dr to NE 20 St; NE 21 Ct to Dixie Hy because no marked crosswalks at NE 7 Av							No school crossing signage or pavement markings for adjacent K-12 Schools

Western Route



• Strava shows most bike activity from Powerline Rd to Andrews Av occurs using the following route: NW 26 St \rightarrow NW 7 Av \rightarrow NW 25 St

- ✓ This is the most direct route to NE 26 St (future crosswalk) which also shows higher bike activity than other eastwest routes
- ✓ Existing traffic calming on NW 26 St & NW 25 St helps reduce vehicle speeds and increase the comfort of cyclists









Western Route

Strava Heat Maps:

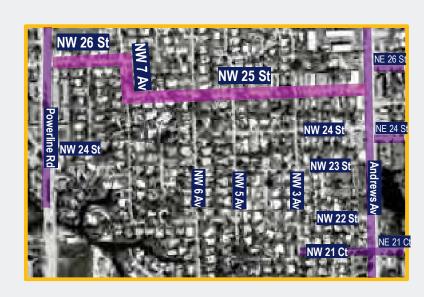




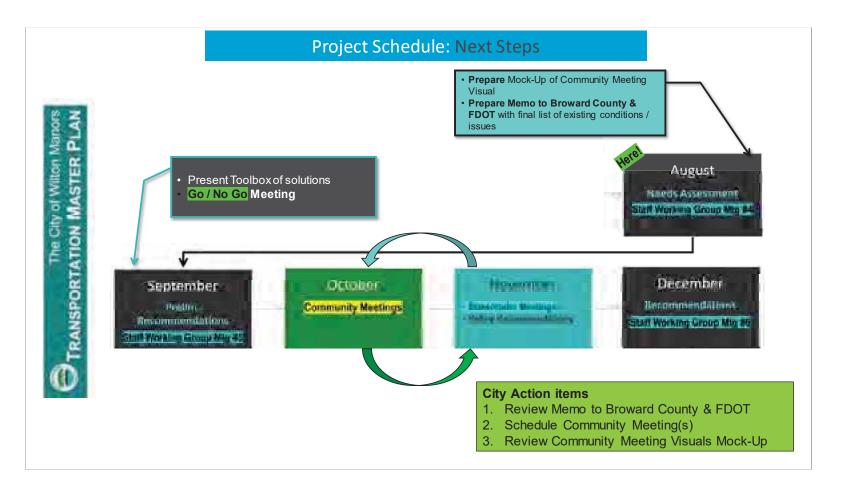


Western Route

Discussion



QUESTION: Is this the preferred western neighborhood route?



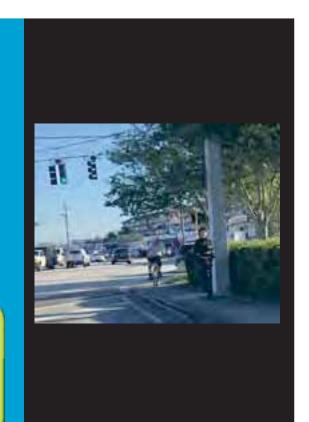


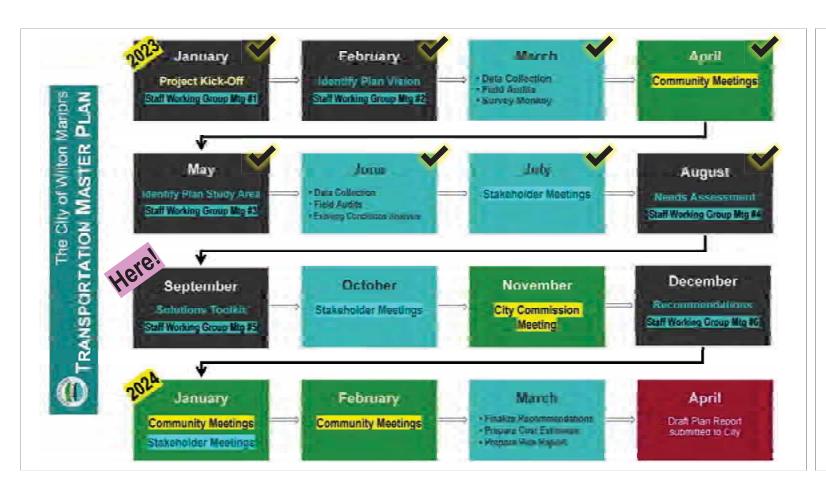
Agenda

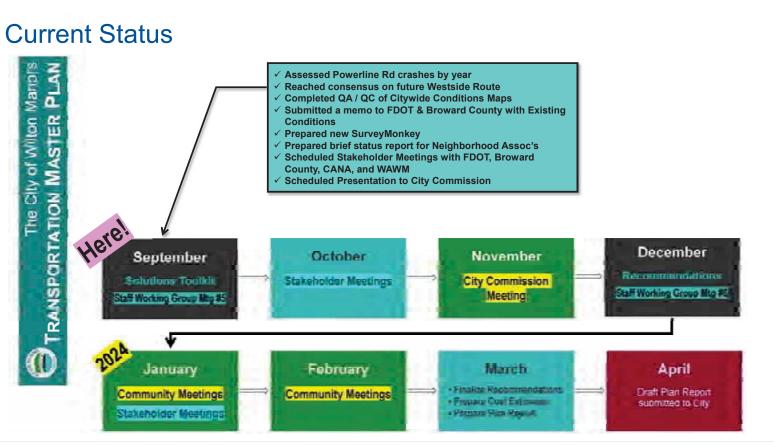
- 1. Current Status (5 minutes)
- 2. Next Steps (5 minutes)
- 3. Westside Pedestrian / Bicycle Route Update (10 minutes)
- 4. Solutions Toolkit Discussion (70 minutes)

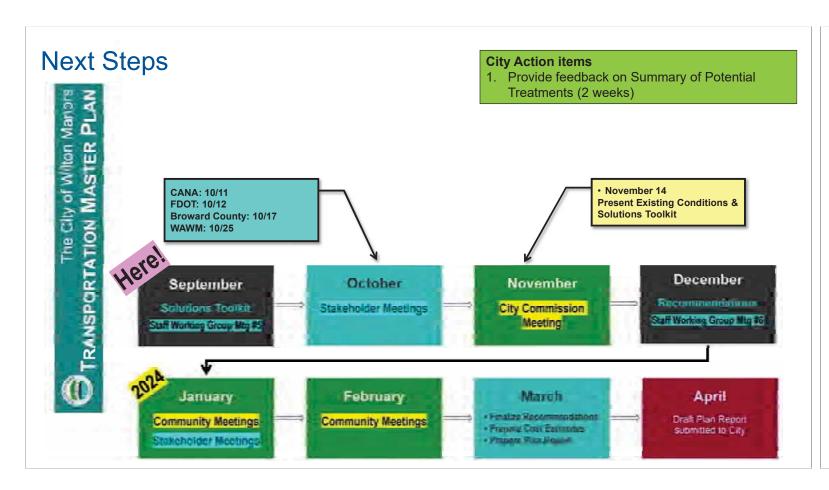
Meeting Goal:

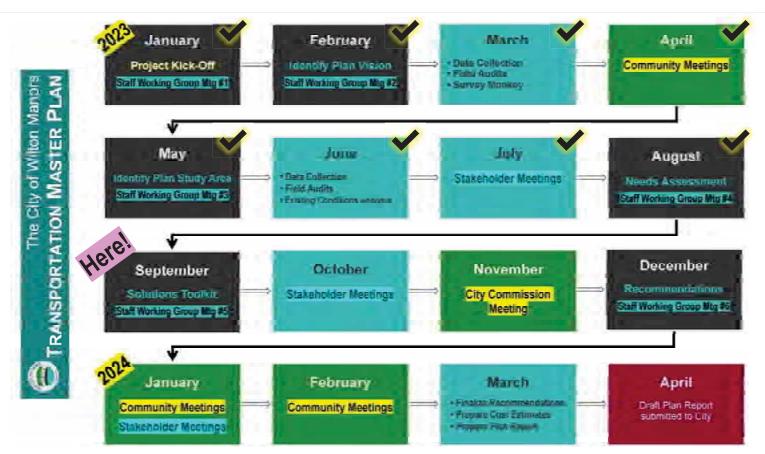
- ✓ Identify any objectionable or "no go" solutions
- ✓ Confirm recommendations are focusing on community concerns (are we solving most pressing issues?)
- ✓ Identify any "must have" solutions
- ✓ Discuss Next Steps and how the potential treatments will evolve into Recommendations

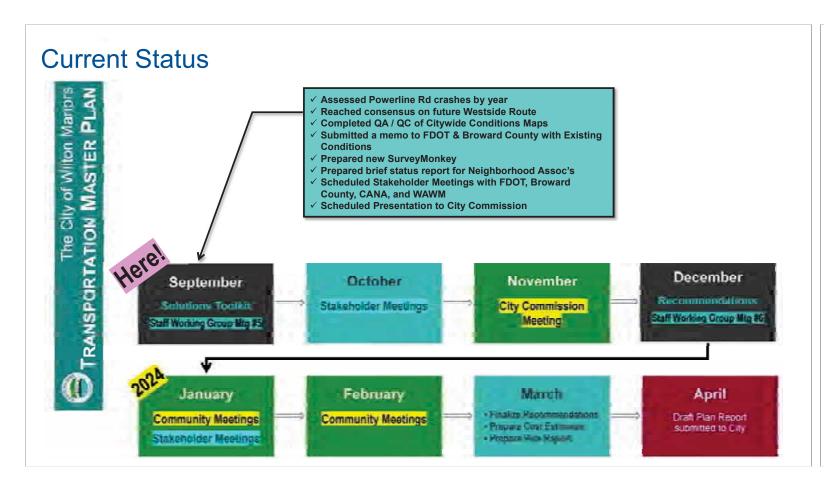


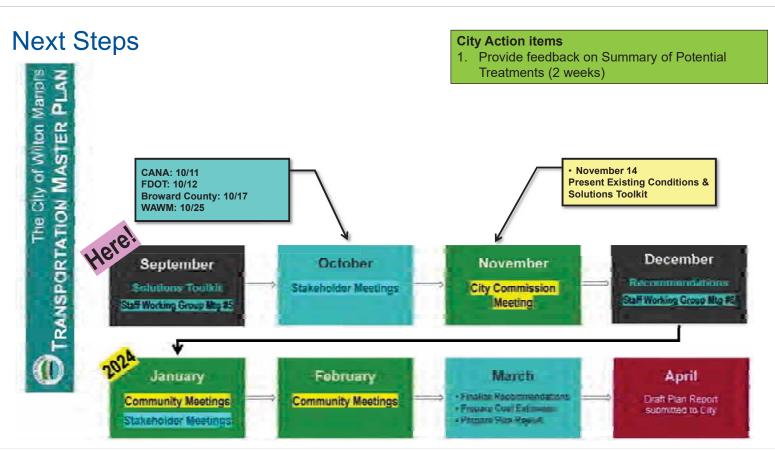




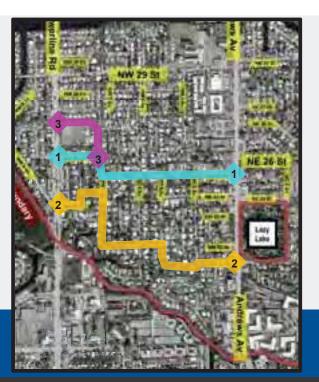








Westside Ped/Bike Route - Update



- August SWG meeting presented two options:
- Option 1: NW 26 St to NW 25 St Option 2: NW 24 St to NW 21 Ct
- Another possible route is Mickel Park Pedestrian entrance to NW 7 Av, to either NW 25 St or NW 21 Ct (Option 3)
- Westside residents may prefer a combination or different route
- All routes have pro's & con's
- For all potential routes, the existing conditions and needs throughout the neighborhood are consistent:
 - ✓ No sidewalks
- √ No bicycle facilities
- ✓ Minimal traffic calming ✓ No wayfinding signage
- ✓ Minimal streetlights ✓ 4-way stops
- ✓ Need to improve crossing over Andrews Av.

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Westside Ped/Bike Route - Update



- Instead of selecting the preferred route, the TMP will instead identify the recommended improvements that would be applicable for any route in this location
- The TMP will include a per-block cost for the improvements
- The City can identify the route during the TMP process, or it can be identified after the TMP is adopted
- Therefore, the Plan Study Area will show "Westside Route TBD" as a polygon, versus a specific route.



org.

Solutions Toolkit



Achieve the WM TMP Vision:

- ✓ Cohesive Community
- ✓ Community's Diverse Needs
- ✓ Daytime & Nighttime Activity
- ✓ Safe, Comfortable, and connected ped / bike routes



Improve Crossings of Higher Volume Roads



Slow Traffic on Neighborhood Streets



Redesign Streets to Match the Context



Update & Connect the Walking, Biking, and Scooting Network



Increase Access to Destinations Like Wilton Drive and Community Parks

Solutions Toolkit

















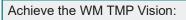












- ✓ Cohesive Community
- ✓ Community's Diverse Needs
- ✓ Daytime & Nighttime Activity
- ✓ Safe, Comfortable, and connected ped / bike routes

Solutions Toolkit



Achieve the WM TMP Vision:

- ✓ Cohesive Community
- ✓ Community's Diverse Needs
- ✓ Daytime & Nighttime Activity
- ✓ Safe, Comfortable, and connected ped / bike routes

Signalized Intersections

- Signals should be retimed to allow for pedestrians to cross at 3.5 ft / second; where senior housing is present, they should allow crossings at 2.8 ft / second
- Leading pedestrian interval treatments will be considered
- Protected left turn phases will be considered
- Left turn calming treatments like hardened centerlines will be considered
- Pedestrian refuge islands or treatments to reduce crossing distance will be evaluated and included as space permits
- Lighting should be evaluated for both drivers and pedestrians
- Signals will be evaluated for no right turn on red treatments

*More information on warrants for PHB application can be found at https://mutcd.fhwa.dot.gov/htm/2009/part4/part4f.htm

Mid-Block Crossings

- All mid-block crossings are intended to include Rectangular Rapid Flashing Beacons (RRFBs)
- Prior to installation, all identified midblock crossing locations should be evaluated to see if they meet MUTCD warrants for Pedestrian Hybrid Beacons (PHBs) or signals.*
- On 2-Lane roads, mid-block crossings should also be raised
- On roads with 3 or more lanes, pedestrian refuge islands should be included where space permits
- Lighting should be evaluated for both drivers and pedestrians

Summary: Existing Conditions & Key Findings

Powerline Rd

Buffered Bike Lane

Signal

Bike Lane Mid-Block Crossing (RRFB) Within 250' of Signalized Crossing

Bus Stops

Not within 250' of Signalized Crossing



Existing buffered bike lanes are too wide (12') & drivers drive / park in them

Fatal crash: driver killed two children on sidewalk passing a bus

No crossing at pedestrian only entrance to Mickel Park Long distances between ped. crossings & bus stops far from crossings; encourages people to cross outside of crosswalks Sianal timina is too short to allow a person walking at an average speed (3.5 ft / sec) to fully cross Powerline Road and left turns are not protected

Other General Issues

Drivers observed speeding

Limited lighting at

Buses stop in bike lane

Bus stops missing amenities

Shared Bus Stop

Driveways & back out parking onto Powerline Rd creates conflict points (generally on the west side) Bike facilities are not comfortable for all ages and abilities

Summary: Potential Corridor Treatments



Powerline Rd

Existing/Committed Facilities

Bike Lane









Redesign Road to Lower Speed to 30 MPH

- Realigns road to context
- Addresses speed & crashes

New Raised Crossing with RRFB Near term: protected bike lanes on east (Evaluate for PHB / Signal)*

- Access to bus stops, Mickel Park, & across Powerline Rd
- Encourages crossing at designated locations

Can only be implemented with speed reduction; near term: at grade crossing

*FDM allows raised crosswalks at 30 MPH or lower design speed. Roadway redesign would support existing and future residential land use context.

Shared Use Path

- Deters parking in bike lane
- Slows traffic
- Improves comfort

side, bollards at intersections on west side. Evaluate Lane Repurposing

Allows for protected bike

lanes and bus islands

- **Close Median Access** Limits turning conflicts
- NW 28th Ct becomes right in / right out

- Convert to Raised Bike Lane or Devaluate Relocating Stop Far side stops
 - preferred for bus operations

Convert to Bus Bulb

- Improves stop comfort Bikeway goes behind stop
- Reduces bus / bike conflict

Corridor Wide Strategies

Paint Conflict Markings at **Intersections & Driveways**

- Limits turning conflicts · Alerts drivers and bicyclists
- to potential for conflict

Evaluate Lighting at Crossings Address nighttime crashes

Narrow Side Street Curb Radii

- Slows drivers
- Limits turning conflicts

Construct Turning Wedges at Unsignalized Left Turns

- Slows drivers
- Limits turning conflicts

Summary: Potential Intersection Treatments

Powerline Rd at NW 29th St

NW 25 m St

Bus Bulb with Bike Lane

Addressing Traffic Speed

- Evaluate lane repurposing
- Consider removing SB right turn lane
- Implement protected left turn signal
- Add hardened centerlines on Powerline Rd

Biking Improvements

- Construct protected intersection or install bend outs and bike boxes
- Add green conflict paint in bike lanes at intersections and driveways

Supporting Transit Riders

- Construct bus bulbs (shared bus stop option or conflict striping at bus stop options for constrained areas)
- Consider relocating stops

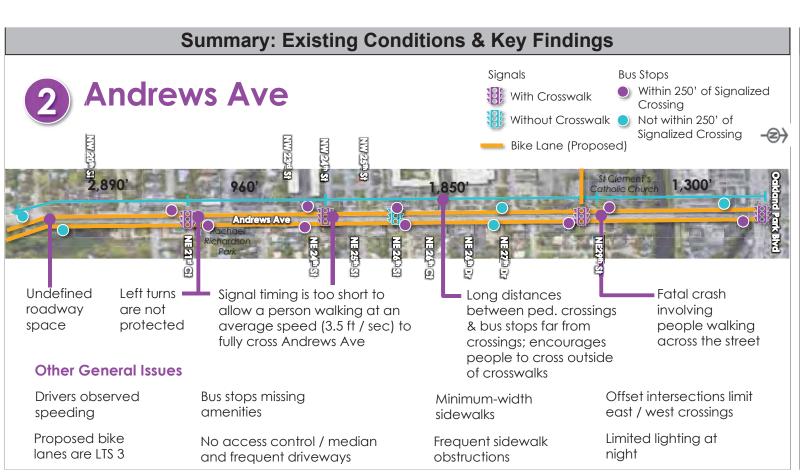
Walking Improvements

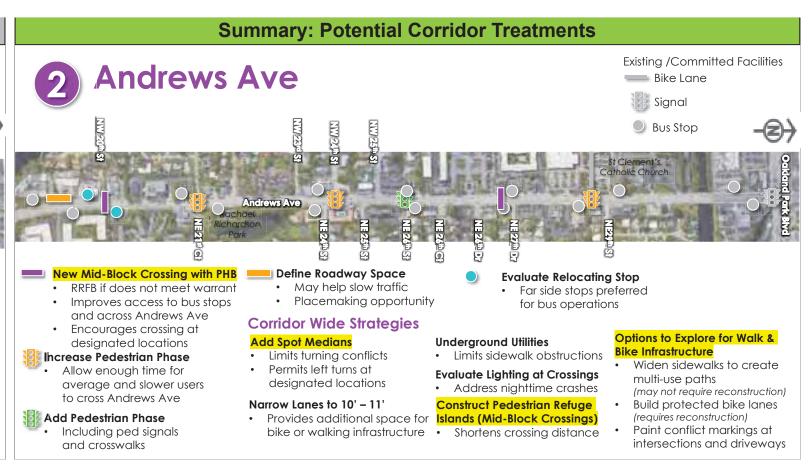
- Restripe crosswalks
- Lengthen signal for pedestrian crossing
- Add leading pedestrian intervals
- Upgrade to directional curb ramps
- · Construct median refuge islands (as
- space permits)













Andrews Ave at NW / NE 24th St



Walking Improvements

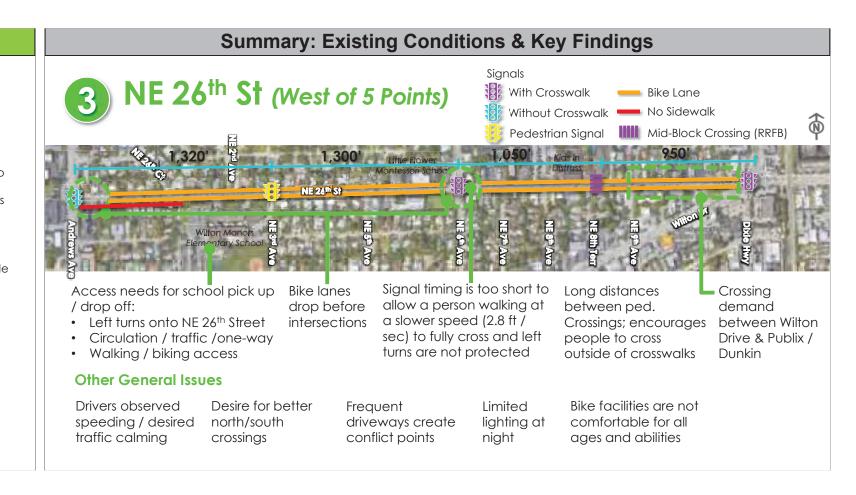
- Restripe crosswalks
- Lengthen signal for pedestrian crossing
- Place crosswalks on both north and south leg of the intersection
- Add leading pedestrian intervals
- Restripe crosswalks
- Upgrade to directional curb ramps
- As space permits; construct median refuge islands

Addressing Left Turns

- Signalize Southbound Left to NE 24th Street by bringing the extra leg into the signal
- Permit left turns from NE 24th Street to Andrews Ave

Biking Improvements

- Install bend outs and/or bike boxes to support left turns
- Add green conflict paint in bike lanes at intersections an driveways
- Options to facilitate east / west bike movement through the intersection:
 - Paint bike lanes in intersection
 - Two-way cycle track on one side of road leading to preferred crossing point (sidewalk level)
 - Shared use path



Summary: Potential Corridor Treatments Existina/Committed Facilities NE 26th St (West of 5 Points) Bike Lane Mid-Block Crossing **Add Wayfinding Signage Add Pedestrian Phase** Slows traffic Including ped signals Identify best routes to Slows traffic & supports Can be placed at offset and crosswalks nearby destinations pedestrian crossing intersections to facilitate **Corridor Wide Strategies**

Paint Conflict Markings at

Limits turning conflicts

Limits turning conflicts

cross outside of crosswalks

Minimum-Width

Frequent Sidewalk

Sidewalks

Obstructions

Intersections and Driveways

Alerts people biking and

Narrow Side Street Curb Radii

driving to potential for conflict

Underground Utilities

- Limits sidewalk obstructions
- Allows for sidewalk completion from Andrews Ave to Wilton Manors Elementary
- Allow for widening of sidewalk on south side of NE 26th St

Intersection design

speed movements

encourages high

(free rights, wide

curb radii)

ITE Guidelines for the Design and Application of Speed Humps recommends spacing of 260' to 500' to keep 85th percentile operating speed between 25 and 30 mph

Address nighttime crashes
 Slows drivers

bike movements

New Raised Crossing with RRFB

pedestrian crossing

Evaluate Lighting from NE 6th

& visibility

Other General Issues

Drivers observed

speeding

Infrastructure

No Bike

Slows traffic & supports

Ave to 5 Points & at Crossings

Evaluate for Mini Roundabout

Evaluate north side of

8' where feasible

Senior housing

suggests need to

meet the needs of

slower pedestrians

Alternative: curb extensions

street to widen sidewalk to

Slows traffic

Widen Sidewalk

Improves safety

Summary: Potential Intersection Treatments

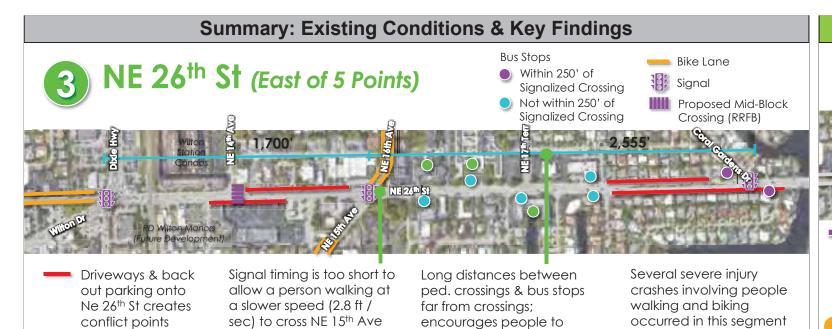
NE 26th St between 8th Terr & 9th Ave



Raised Crosswalk with RRFB

Slow Zone

Example Use of Speed Humps to Provide Comfortable North-South Movements Across 26th **Avenue at Offset Intersections**



Bus stops missing

No access control /

median (w of NE 19th Ave)

amenities

Summary: Potential Corridor Treatments

Existing/Committed Facilities NE 26th St (E of 5 Points) Bike Lane Mid-Block Crossing New Raised Crossing with RRFB — Potential Back Out Parking

(Evaluate for PHB / Signal)*

 Encourages crossing at designated locations

Can only be implemented with speed reduction; near term: at grade crossing

Evaluate for Peanut Roundabou Slows traffic

- Improves safety
- Alternative: see intersection slide

Convert to Bus Bulb

- Improves stop comfort
- Bikeway goes behind stop
- Reduces bus / bike conflict

Solutions Paint conflict paint across

- driveways Add raised bike lanes &
- widen sidewalks (with lane repurposing)
- Use new road space to provide space to back into Long term: policy to remove
- during redevelopment

onstruct Raised Intersection

Slows traffic & supports pedestrian crossing (with lane repurposing)

Explore Lane Repurposing & Lower Design Speed via Redesian

 Current volumes same or lower than 2-lae segment

One 11' lane in each direction, spot medians, left turn lanes

- Slows traffic
- Adds space for bike, walking, and bus infrastructure
- Adds space to address back out parking

Corridor Wide Strateaies Underground Utilities

· Limits sidewalk obstructions

Add Spot Medians

- Limits turning conflicts
- Permits left turns at designated locations

Evaluate Lighting at Crossings Address nighttime crashes

& visibility

Narrow Side Street Curb Radii / **Eliminate Free Right Turn Lanes**

- Slows drivers
- Limits turning conflicts

*FDM allows raised crosswalks at 30 MPH or lower design speed; raised intersections at 25 MPH or lower design speed. Roadway redesign would support existing and future residential land use context

Summary: Potential Intersection Treatments

NE 26th St at NE 15th Ave / NE 16th Ave



conflict points

Option 1: Peanut Roundabout

- Slows traffic and eliminates high speed right turns
- Bikes share road with vehicles
- Pedestrian crossings include RRFBs
- Can be mountable for emergency vehicles
- Addresses issues brought on by skew of intersection



Option 2: Geometry Changes

- Eliminates high speed right turns
- Provides space for raised bikeways or bend outs
- Straightens and shortens pedestrian crossings
- Provides directional pedestrian crossings
- Provides space for pocket park or placemaking treatments



Summary: Potential Intersection Treatments

3 NE 26th St at Coral Gardens Dr

At Coral Gardens Drive



Raised Bikeway and/or **Bike Bend Outs**

- Facilitate crossings for people biking
- Protected intersections could also be considered

Directional Curb Ramps

Improve waking experience for people with disabilities

Paint green conflict

markings in bike lane

Rebuild Raised Intersection

Repaint and update

surface treatment to

increase effectiveness

Construct Raised Intersection

• Slows traffic & supports pedestrian crossing

Lane Repurposing

- Slows traffic
- Narrows crossings
- Provides space for bike infrastructure

Curb Extensions & Reduced Curb Radii

- Slows traffic
- Narrows crossings
- Provides space for bike bend outs

Pedestrian Refuge Island

- Provides space to wait
- Can help slow turning vehicles

Median / Hardened Centerline

Summary: Potential Corridor Treatments

Helps slow turning vehicles

Back Out Parking Treatments Conflict striping at driveways Potential to raise bikeway to slow drivers backing out Bikeway and sidewalk dimensions could be constrained at driveways to provide roadway space for drivers to back into* 9-10' Back Out Space ■ ■ 4' Raised Bikeway (constrained minimum) with Conflict Markings 5' Sidewalk *Concept Only. Further design required to determine feasibility at individual

properties. Space allocation could also be reversed.

• Utilize profiled thermoplastic to define bike lane

Paint bike lanes green / add conflict paint

Address nighttime crashes & visibility

Increases visibility and driver alertness

Paint Crosswalks at Side Streets & Driveways

Corridor Wide Strategies

Evaluate Lighting

Summary: Existing Conditions & Key Findings Bus Stops Dixie Hwy Within 250' of Raised Intersection Signalized Crossing Bike Lane Not within 250' of Signalized Crossing RRFBs only Signal timing is too Bike facilities Long distances between short to allow a person Other General Issues LTS 4 (north ped. crossings & bus stops have beacons walking at an average on one side of of 5 Points) far from crossings; Senior housing speed (3.5 ft / sec) to road encourages people to suggests need to fully cross Dixie Hwy cross outside of crosswalks meet the needs of slower pedestrians Driveways & back Drivers observed Limited Missing Bus stops missing 3 serious injury out parking onto speeding sidewalk amenities crashes involving lighting (especially on Dixie Hwy creates people walking at night Undefined Buses stop

in bike lane

roadway space

south of 5 Points

curves)



current FDM criteria

Construct Speed Hump/Table*

Can be placed at offset

intersections to facilitate

for RRFB crossings

bike movements

Slows traffic

*ITE Guidelines for the Design and Application of Speed Humps recommends spacing of 260' to 500' to keep 85th percentile operating speed between 25 and 30 mph

Summary: Potential Corridor Treatments Existing/Committed Facilities Dixie Hwy North of 5 Points Bike Lane Raised Intersection Signal Bus Stop Add Lane Definition Increase Pedestrian Phase **Long Term Strategies** Slow traffic and increase driver Allow enough time for As Redevelopment Occurs... alertness average and slower users • Require developers to provide parking on site Utilize profiled thermoplastic to to cross Dixie Hwy

define nonmotorized space

Corridor Wide Strategies

Limits sidewalk obstructions

Address nighttime crashes

Direct pedestrians to use

sidewalk on east side

Underground Utilities

Evaluate Lighting

& visibility

Add Wayfinding

with designated driveway access

- Construct sidewalk on east side
- Construct sidewalk level separated bike lanes with conflict markings
- Construct new marked crossings with PHBs at additional locations east of the bridge and at main entrance to Publix Shopping center
- Construct Bus Islands
- Redesign road to 30 MPH design speed and add raised crosswalks

NE 24th St (western segme

Bike Lane

Signal

Mid-Block Crossing (RRFB) (Proposed)

Bus Stop Within 250' of Signalized Crossing



Summary: Existing Conditions & Key Findings

Long distances between ped. Crossings; encourages people to cross outside of crosswalks

No bike facilities: LTS 3

intersections

Several serious injury crashes involving people walking

Other General Issues

People biking share the roadway with people driving; additional comfort features needed destinations

Limited wayfinding for nonmotorized users directing to

Missina sidewalk

No lighting; dark at night

School pick up / Lack of marked drop off queueing crosswalks & faded markings at

Summary: Potential Corridor Treatments Existing/Committed Facilities Mid-Block Crossing Bike Lane Construct Sidewalk* Add All Pedestrian Phase Raised Crossing with RRFB Evaluate School Proposed enhancement to • Phase exclusively for **Construct Raised Intersection Circulation Needs** crossing currently in design Slows traffic & supports pedestrians; all

directions cross at once pedestrian crossing See intersection slide for Construct Speed Hump/Table**

Construct Median &

Slow traffic

Convert to Right in / Right Out

New Mid-Block Crossing with PHB

and across Dixie Hwy

designated locations

Encourages crossing at

RRFB if does not meet warrant

Improves access to bus stops

intersections to facilitate

Sidewalk in Lazy Lake requires coordination with Lazy Lake

bike movements

Paint Bike Lane

Direct crossings to desired locations

additional suggested Slows traffic improvements Can be placed at offset

Clearly Define Sidewalk

Install duratherm treatment to define space

Mark Crosswalks at Intersection

Supports pedestrian crossing

• Slows traffic & supports pedestrian crossing

Paint Shared Lane Markings

- Sign as bike boulevard Alerts drivers to presence
- of people biking
- Provides wayfinding for people biking

Evaluate Lighting

 Address nighttime visibility, especially for pedestrians

Add Wayfinding Signage

 Identify best routes to nearby destinations

Summary: Potential Intersection Treatments

Wilton Dr at NE 6th Ave & NE 7th Ave



Utilize hardened centerline to guide left turning drivers

sing Right Turns

Realign intersection and Install curb extension and reduce curb radius on SW, NE, and NW corner to slow drivers and prevent drivers from using bus lane as turn lane

Shift SB bus stop north to provide space for curb extension

- Implement all pedestrian phase
- Build curb extensions to reduce pedestrian crossing distance

- Allow bikes to use all pedestrian
- Install bike boxes on all legs of intersection or construct protected intersection

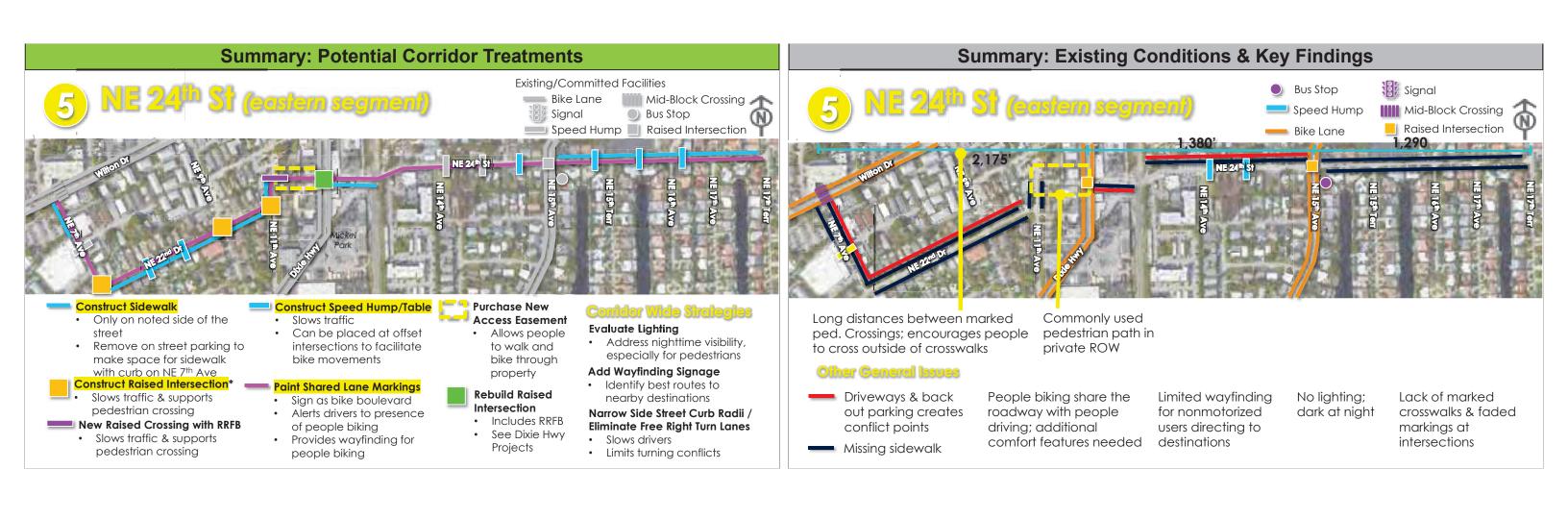


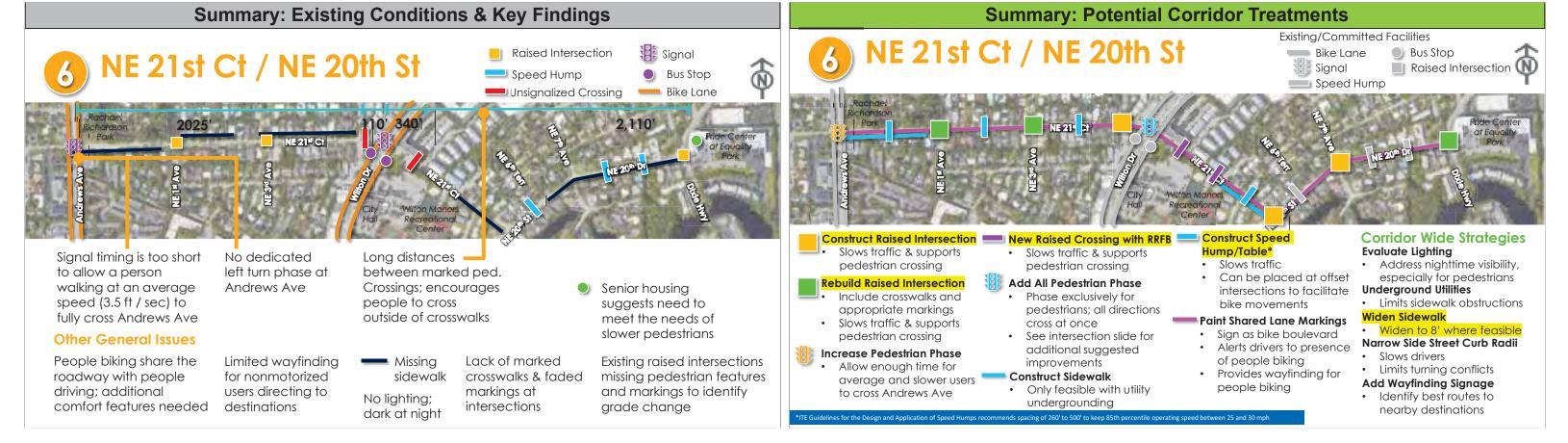
sing Right Turns

- Realign northern leg of NE 7th Ave intersection to a Tintersection
- Remove porkchop and high speed Riaht turn lanes

Nalking Improvements

- Move proposed crosswalk to pedestrian desire line south of NE 7th Ave
- Convert proposed crosswalk with RRFB and median refuge to raised crosswalk with RRFB and median refuge
- Consider raised crosswalk along northern leg of intersection
- Evaluate pedestrian lighting





Summary: Potential Intersection Treatments



6 NE 21st Ct at Wilton Drive



Addressing Left Turns

Utilize hardened centerline to guide left turning drivers

Addressing Right Turns

Install curb extension and reduce curb radius on NW corner to slow drivers and reduce pedestrian crossing distance

Walking Improvements

- Implement all pedestrian phase
- Widen sidewalk on north side on

Biking Improvements

- Allow bikes to use all pedestrian
- Install bike boxes on all legs of intersection

Summary: Existing Conditions & Key Findings



Speed Hump

Missing Sidewalk





Driveways & back out parking creates conflict points

Missing sidewalk

General Issues

West Side Traffic Calming Study calls for a number of traffic calming treatments

Limited lighting at night

Drivers observed speeding / desired traffic calming

Large turning radii encourage fast turning movements

No bicycle facilities

No painted crosswalks

No designated bike route





West Side Example

Speed Hump (Existing)

Speed Hump (Proposed) Raised Intersection (Proposed)

Flashing LED Stop Sign (Proposed)





- Construct Speed Hump/Table* Slows traffic
- Reduce Curb Radii
- Slows left turning traffic
- Paint Shared Lane Markings • Sign as bike boulevard
 - · Alerts drivers to presence of people biking
 - · Provides wayfinding for people biking

Construct Raised Intersection

- Slows traffic & supports pedestrian crossing
- Construct Sidewalk
- Only on noted side of the
- New Raised Crossing with RRFB
 - Slows traffic & supports pedestrian crossing
- Clearly Define Sidewalk
 - Install duratherm treatment to define space

Corridor Wide Strategies

Evaluate Lighting · Address nighttime visibility,

especially for pedestrians

Narrow Side Street Curb Radii

- Slows drivers
- Limits turning conflicts

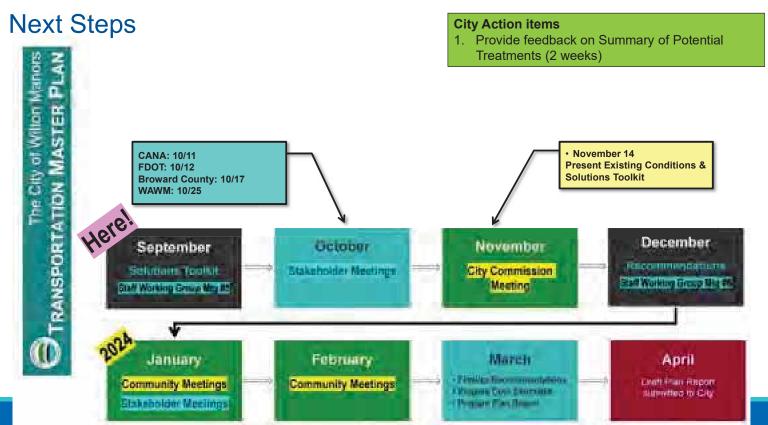
Add Wayfinding Signage

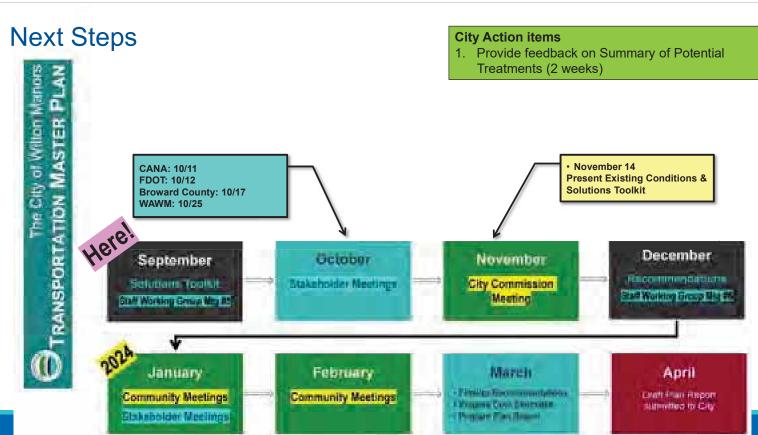
 Identify best routes to nearby destinations

Paint Crosswalks at Side Streets & Driveways

 Increases visibility and driver alertness

'ITE Guidelines for the Design and Application of Speed Humps ecommends spacing of 260' to 500' to keep 85th percentile perating speed between 25 and 30 mph



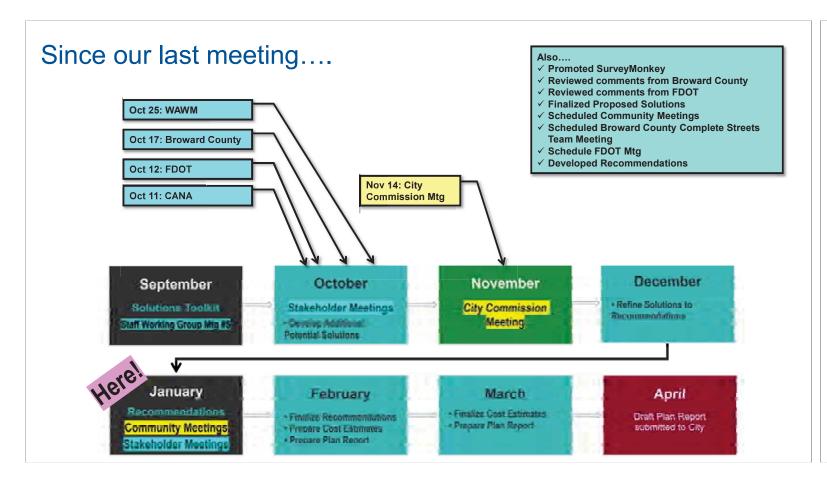


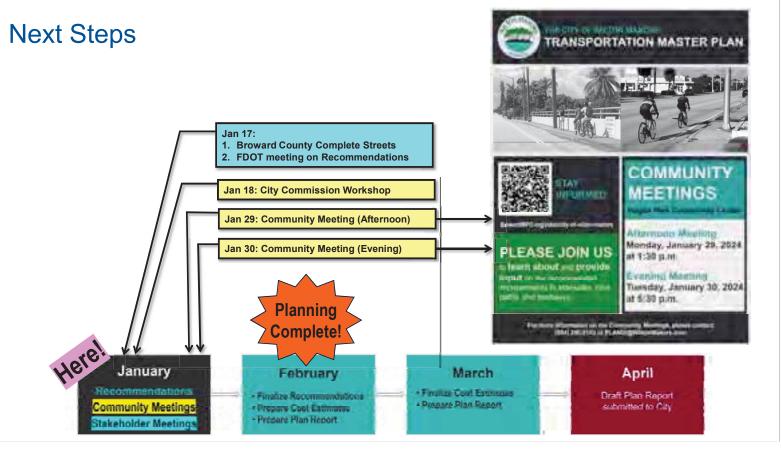




- 1. Since our last SWG Meeting
- 2. Next Steps
- 3. Go / No Go Discussion
 - 1. NE 26 St (West / East)
 - 2. Dixie Hwy (South / North)
 - 3. NE 24 St Route (West / East)
 - 4. NE 21 Ct Route
 - 5. Andrews Av
 - 6. Powerline Rd
- 4. (Time Permitting) NEW! Policy Recommendations:
 - A. Micromobility
 - B. Microtransit
 - C. Transit Stop amenities
 - D. 5-Points
- 5. FYI....
 - SurveyMonkey Results
 - Westside Route Options







Go / No Go Discussion



Go:

- Planning-level scope developed
- Planning-level cost estimates developed
- · List of required studies identified

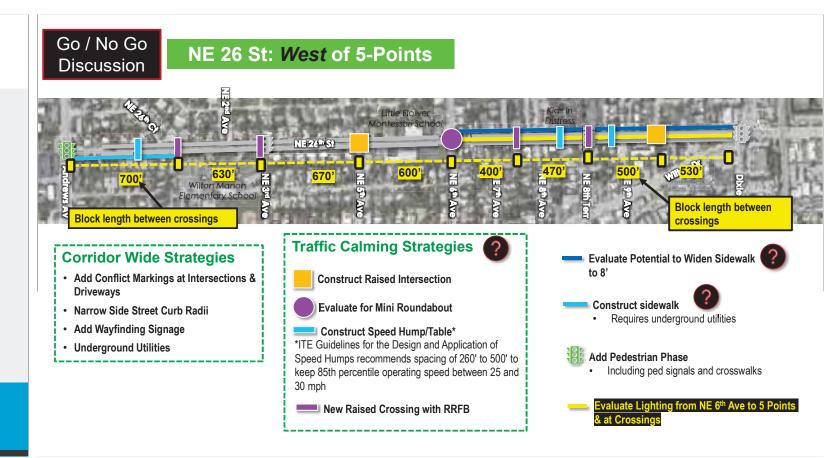
Additional Go Considerations.....

- A Go does not need to include all proposed components, unless they are interdependent. i.e. a bike lane can not be a "Go" if the Lane Repurposing is a "No Go"
- A Go may be further refined after the TMP, as part of the project design and engineering

No Go:

- No further information developed
- Proposed solution will NOT be included as a TMP Recommendation
- Proposed solution will be documented in Plan's Appendix

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Go / No Go



NE 26 St: West of 5-Points

Roundabout Improvements

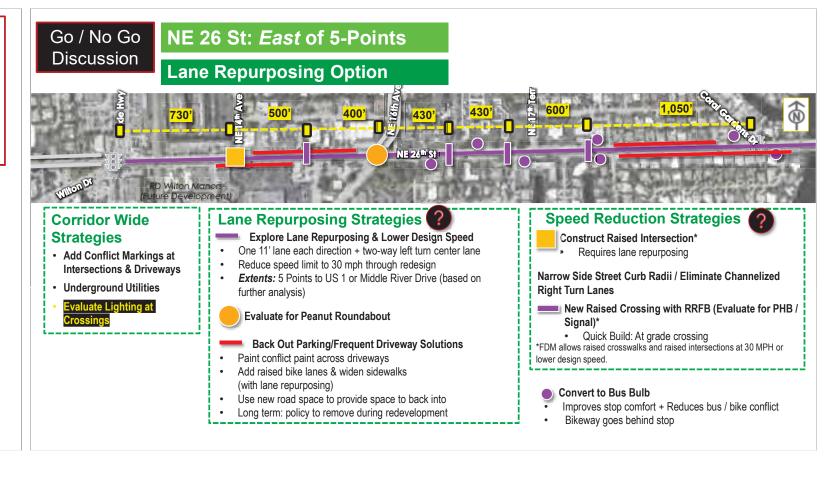
- Likely requires small ROW purchases in NW and NE corners
- Raised crosswalks
- Mini-Roundabout, such as in Flagler Village at NE 5 Av and NE 5 St, may be better accommodated in existing ROW.



- Is it a Go on the Mini-Roundabout even if it requires ROW acquisition?
- If no roundabout, which alternative intersection option is a Go?

Alternative Intersection Options (No Roundabout)

- 1. Removal of left turn lanes on NE 26 St and repurpose additional space to provide bike lanes leading to / through the intersection
 - Add bike boxes on all legs of the intersection
- If all lanes are required, move curb to maintain 5' bike lanes
- Consider raising intersection



Go / No Go Discussion

NE 26 St: East of 5-Points

Lane Repurposing Option

Background:

- 1. NE 26 St east of 5-Points is owned by **Broward County**
- 2. For Lane Repurposing requests, the County requires a detailed Traffic Analysis and approval by the County Commission.
- The Traffic Analysis assesses the impacts of a lane repurposing, including intersection capacity analysis, diversion analysis, and volume projections.
- 3. In 2022, Broward County Highway Construction and Engineering Division staff did a high-level review of a lane repurposing of NE 26 St.
- · County staff did not think the lane elimination would meet the County's criteria due to projected volume (based on the BMPO's "Roadways Capacity and LOS Analysis")
- The County did NOT prepare a Traffic Analysis.
- The BMPO's "Roadways Capacity and LOS Analysis" is a data point used by BMPO as an input. It is not intended to be a traffic analysis tool.

Why Lane Repurposing?

- Public feedback during the TMP indicates a desire for bicycle facilities along NE 26 St. as well as a slower roadway with overall improved pedestrian comfort
- NE 26 St is a collector, not an arterial, indicating a street which mainly provides access to destinations as opposed to a through street providing regional mobility
- NE 26 St between Dixie Hwy and NE 19 Av scores in the top 25% for weighted walking and biking crashes per mile in the City.
- Plans for future development (particularly between Dixie Hwy and NE 15 / 16 Av) suggest a more urban environment similar to Wilton Dr which will increase demand for walking and biking along and across NE 26 St
- The Broward County Surtax project does not include bicycle facilities for NE 26 St.
- The only method to construct bike facilities along NE 26 St would be through a Lane Repurposing

Technical Feasibility:

- Current AADT (roadway volumes) are:
- Andrews Av to NE 15 / 16 Av: 14.300
- NE 15 / 16 Av to US1: 12.000
- The BMPO's "Roadways Capacity and LOS Analysis" (2045) forecasts NE 26 St west of 5-Points will decrease in volume (14,500 to 11,300) BUT east of 5-Points will increase in volume (12,200 to 21,000)
- The subarea of NE 26 St east of Dixie Hwy has not been validated to predict future forecasted volumes and local travel patterns.
- A Traffic Analysis would assess how this portion of NE 26 St may operate in the future given its limited distance.
- Factors which should be considered include: Recent future development; The impact of the rail crossing and increasing train activity; The impact of a potential future rail stop: Network connectivity (or lack thereof); Origin / Destination patterns for existing trips
- The BMPO's Scope for the TMP does NOT include a Traffic Analysis
- County Staff have confirmed that the County will evaluate a Lane Repurposing request based on a Traffic Analysis.

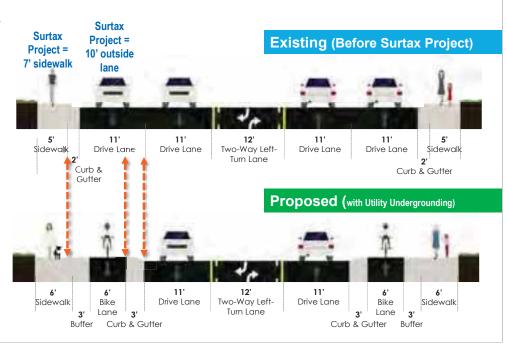
Go / No Go Discussion

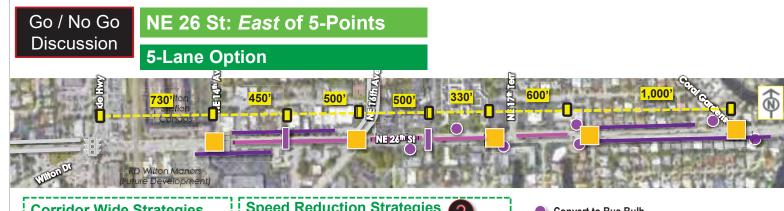
NE 26 St: East of 5-Points

Lane Repurposing Option

- · Redesign road to reduce vehicle speeds to
- Includes raised, protected bike facilities (Surtax) project does not include bicycle facilities)
- Underground utilities to improve / increase space for walking and biking.
- · Add raised elements and crossings to improve multimodal environment
- City previously identified lane elimination as part of TOD Master Plan Study (2019)







Corridor Wide Strategies

- Add Conflict Markings at Intersections & Driveways
- Underground Utilities

Speed Reduction Strategies

Construct Raised Intersection

Narrow Side Street Curb Radii / Eliminate Channelized Right Turn Lanes

New Raised Crossing with RRFB (Evaluate for PHB /

*FDM allows raised crosswalks and raised intersections at 30 MPH or lower design speed

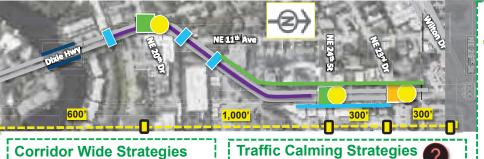
Convert to Bus Bulb



- Utilize profiled thermoplastic to define space
- Long term: policy to remove back out parking / frequent driveways during redevelopment

Go / No Go Discussion

Dixie Hwy: South of 5-Points

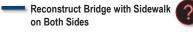


Corridor Wide Strategies

- Narrow Side Street Curb Radii
- Add Wayfinding Signage
- Add Crosswalks & Conflict Markings at Intersections & Driveways



- Install double-sided RRFBs on both sides of roadway
- Verify lighting meets current FDM criteria for RRFB crossings



Utilize current best practice as seen at Dixie Hwy & NE 16th St

Construct Raised Intersection

Construct Speed Hump/Table*

Rebuild Raised Intersection

*ITE Guidelines for the Design and Application of Speed

Humps recommends spacing of 260' to 500' to keep 85th percentile operating speed between 25 and 30 mph

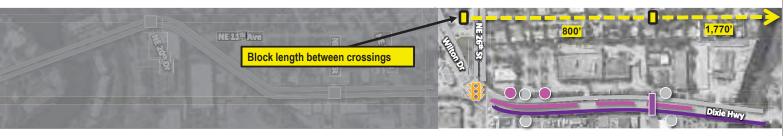
Add Lane Definition

- Add hardened centerline through curve
- Utilize profiled thermoplastic to define bike lane
- Paint bike lanes green / add conflict paint

Sidewalk Strategies ? Construct / Clearly Define Sidewalk in west ROW - NEW • Based on BCPA Parcel data, there appears to be enough space for sidewalk in west ROW. • Sidewalk would be at-grade Install duratherm treatment between bikeway and sidewalk to define Paint green conflict markings in bike lane -W-W-107-1-107-W-W-W-35 - 40"



Dixie Hwy: North of 5-Points



Corridor Wide Strategies

- · Add Conflict Markings at Intersections & Driveways
- Add Wayfinding Signage
- Direct pedestrians to use sidewalk on west side
- **Underground Utilities**
- Evaluate Lighting at Crossi

Traffic Calming Strategies 2



Add Lane Definition

- Utilize profiled thermoplastic to define space
- Utilize profiled thermoplastic to define bike lane
- Paint bike lanes green / add conflict paint

New Mid-Block Crossing with PHB

- RRFB if does not meet warrant
- Improves access to bus stops and across Dixie

Long Term Strategies (eastern parcels redevelopment)

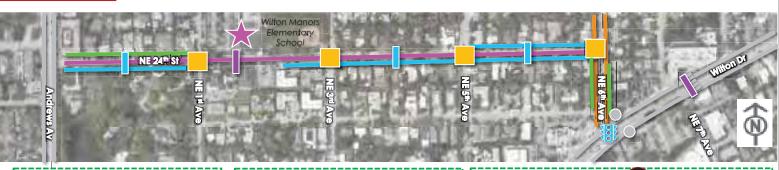
- Require parking to be provided on site with designated driveway access
- Construct sidewalk on east side
- Construct sidewalk level separated bike lanes with conflict markings
- Construct new marked crossings with PHBs at additional locations east of the bridge and at main entrance to Publix Shopping center
- Construct Bus Islands
- Redesign road to 30 MPH design speed and add raised crosswalks

Increase Pedestrian Phase

- Allow enough time for average and slower users to cross Dixie Hwy
- 5-Points to be separately designed
- See "5-Points" recommended guidance (NEW!)

Go / No Go Discussion

NE 24 St Route: West



Corridor Wide Strategies

- · Narrow Side Street Curb Radii
- Add Wayfinding Signage
- Evaluate Lighting
- Mark Crosswalks at Side Street Intersections
- North / south only at NE 23rd St



Traffic Calming Strategies 7



Construct Speed Hump/Table* *ITE Guidelines for the Design and Application of

Speed Humps recommends spacing of 260' to 500' to keep 85th percentile operating speed between 25 and 30 mph

Raised Crossing with RRFB

 Proposed enhancement to crossing currently in design

Ped / Bike Facilities (?)

Construct Sidewalk*

*Sidewalk in Lazy Lake requires coordination with City

Paint 5' Bike Lane (NE 6 Av)

Clearly Define Sidewalk

- Install duratherm treatment to define space
- Shared Lane Markings (NE 24 St)
- Sign as bike boulevard

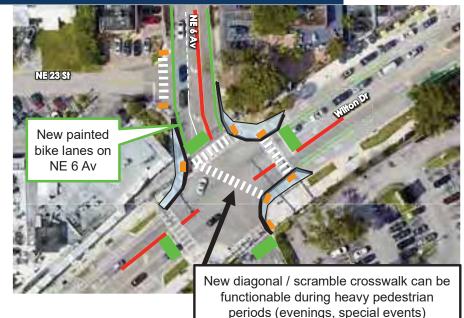
Add All Pedestrian Phase

- · Phase exclusively for pedestrians; all directions cross at once
- · See intersection slide for additional suggested improvements

Go / No Go Discussion

NE 24 St Route: West

Improvements at NE 6 Av & Wilton Dr



Addressing Left Turns

Add hardened centerlines to guide and slow left turns

Addressing Right Turns

- Realign intersection
- Install curb extensions and reduce curb radius on SW, NE, and NW corner to slow drivers and prevent drivers from using bus lane as turn lane
- Shift SB bus stop north to provide space for curb extension

Walking Improvements

- Implement all pedestrian phase
- Add in scramble crosswalk across intersection
- Build curb extensions to reduce pedestrian crossing
- Evaluate lighting and improve as needed

Biking Improvements

- Add green conflict paint (intersections and driveways)
- Allow bikes to use all pedestrian phase
- Install bike boxes on all legs of intersection or construct protected intersection

Go / No Go Discussion

NE 24 St Route: East



Corridor Wide Strategies

- Narrow Side Street Curb Radii
- Add Wayfinding Signage
- **Evaluate Lighting**
- Mark Crosswalks at Side Street Intersections

Purchase New Access Easement 🕜

Allows people to walk and bike through property

Traffic Calming Strategies 7 Construct Raised Intersection



*ITE Guidelines for the Design and Application of Speed Humps recommends spacing of 260' to 500' to keep 85th percentile operating speed between 25 and 30 mph

Construct Speed Hump/Table*

Raised Crossing

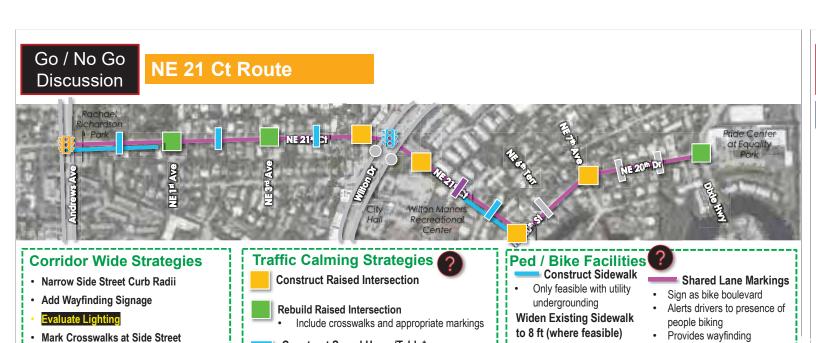
Ped / Bike Facilities (?)

Construct Sidewalk

 Only on noted side of the street Remove on street parking to make space for sidewalk with curb on NE 7 Ave

Shared Lane Markings

Sign as bike boulevard



Add All Pedestrian Phase

· Phase exclusively for pedestrians; all directions cross at once

• See intersection slide for additional suggested improvements

Construct Speed Hump/Table*

Raised Crossing with RRFB

*ITE Guidelines for the Design and Application of

Speed Humps recommends spacing of 260' to 500' to

keep 85th percentile operating speed between 25 and

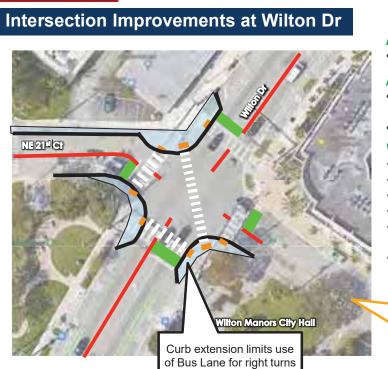
Intersections

improvements

Underground Utilities

Increase Pedestrian Phase

See Andrews Av for additional suggested



NE 21 Ct Route

Go / No Go

Discussion

?

Addressing Left Turns

Add hardened centerlines to guide and slow left turns

Addressing Right Turns

- Install curb extensions and reduce curb radius on NW and SE corners to slow drivers and prevent drivers from using bus lane as turn lane
- Realign NE 21 Ct western approach to a right angle

Walking Improvements

- Implement all pedestrian phase
- Add in scramble crosswalk across intersection
- Build curb extensions to reduce pedestrian crossing distance
- Widen sidewalk on north side of western leg of NE 21 Ct
- New raised intersection with pedestrian crossing at driveway entrance to City Hall parking lot
- Evaluate lighting and improve as needed

entrance to Parking Lot, a

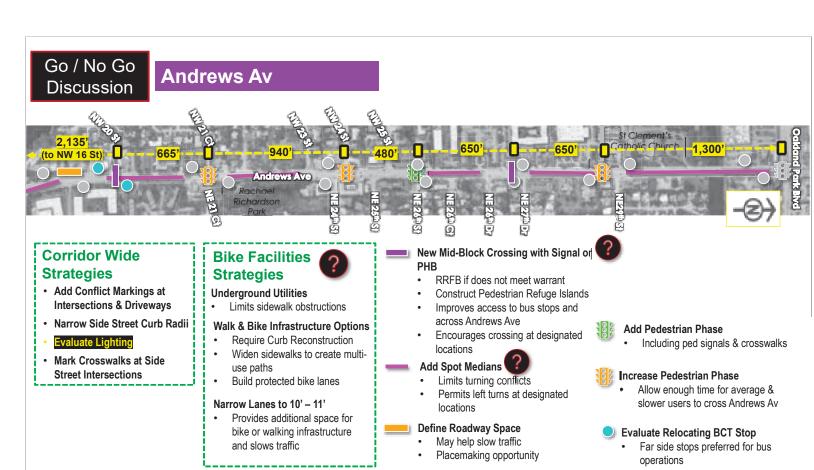
frequent crossing location

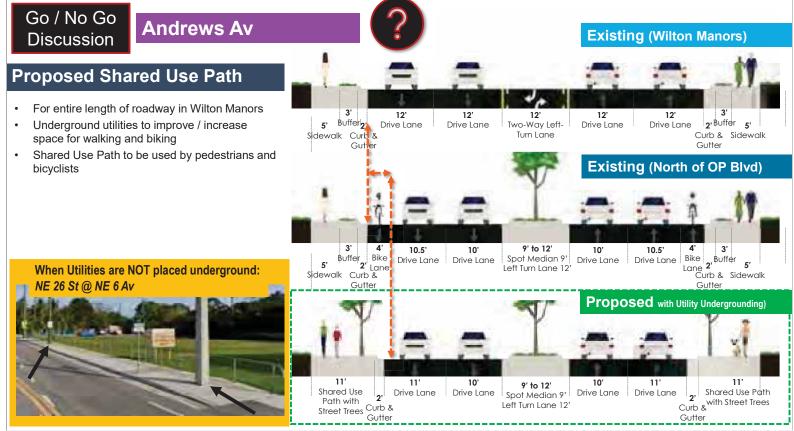
Biking Improvements

Construct a raised intersection at driveway

• Allow bikes to use all pedestrian phase

 Install bike boxes on all legs of intersection or construct protected intersection





Go / No Go Discussion

Andrews Av

Intersection Improvements @ 24 St

715 ft to Wilton

Both Options (changes to left turns) require further study by **Broward County to understand Traffic Operations**

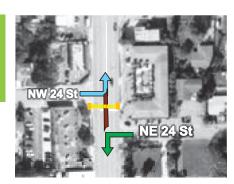


Option 1: New Left Turns to & from NE 24 St

> Existing Left turns to & from NW 24 St

New Left turns to & from NE 24 St

Option 2: Left Turns ONLY from NW / NE 24



Option 1 Improvements

- The existing crosswalk removed | Improvements for both Options
- Place two new crosswalks (1north leg of NW 24 St and 2 south leg of NE 24 St)
- Continue to allow Left Turns to / from NW 24 St
- Permit / Signalize Left Turns to / from NE 24 St by bringing the extra leg into the signal

Option 2 Improvements

- The existing crosswalk improved with median refuge island
- Prohibit Left Turn *from* Andrews Av to NW 24 St
- Permit / Signalize Left Turns from NE 24 St (no left turn from Andrews Av to NE 24 St)

- Restripe crosswalks on Andrews Av and NW 24 St and NE 24 St to high visibility markings
- Lengthen signal for pedestrian crossing
- Add leading pedestrian intervals
- Upgrade to directional curb ramps
- Pedestrian crossing advanced signage
- Hardened Centerlines for Left Turns
- Add green conflict paint at intersections an driveways
- Evaluate lighting and improve as needed

Go / No Go Discussion

Powerline Rd

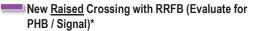


Corridor Wide Strategies

- · Add Conflict Markings at Intersections & Driveways
- Narrow Side Street Curb Radii
- Add Turning Wedges at **Unsignalized Left Turns**

Speed Reduction Strategies

Lower Speed to 30 MPH



- At bus stops, Mickel Park, & across Powerline Rd
- · Quick-Build at grade crossing

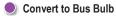
*FDM allows raised crosswalks at 30 MPH or lower design

Convert to Raised Bike Lane or Shared Use Path

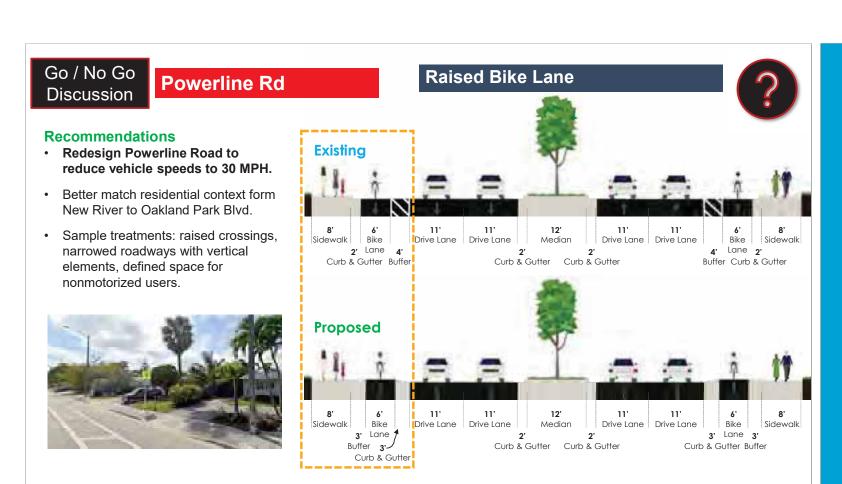
- South City Limits to NW 29 St
- Quick-Build protected bike lanes on east side, bollards at intersections on west side.

💢 Close Median Access at NW 28 Ct 🛛 😭

- · Limits turning conflicts
- Access becomes right in / right out
- Evaluate Lane Repurposing
 - NW 29 St to Oakland Park Blvd
 - Allows for protected bike lanes and bus islands
- Evaluate Relocating BCT Stop

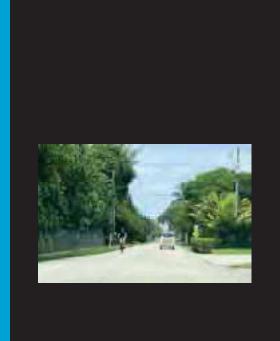


Bikeway goes behind stop



NEW! Policy Recommendations

- A. Micromobility
- B. Microtransit
- C. Transit Stop amenities
- D.5-Points



Recommendations: Micromobility (Shared and Personal)

The City should consider the following to support personal and (potential future) shared micromobility devices.

- Shared Micromobility (Bike Share) Pilot Program: The City could implement a pilot program inviting shared micromobility companies (bike share) to operate for one year within the City. The program should be closely monitored for metrics such as utilization and safety, and the results of monitoring should inform the development of policies and regulations. The City should coordinate with adjacent jurisdictions to ensure connectivity.
- Shared Micromobility (Bike Share) Policies and Regulations: Wilton Manors should develop and adopt policies and a permitting process for shared micromobility companies which may operate in the City in the future. Policies could focus on safety, equity, accessibility, age restrictions, data sharing, number of vehicles provided, vehicle speed, and/or maintenance and monitoring.
- Bicycle & Micromobility Parking: Convenient parking will help people biking and using personalowned scooters have a better end-to-end trip experience and encourage increased use. Parking should be located in high visibility locations near desirable destinations.
- E-bike and e-scooter Policies and Regulations: Wilton Manors should develop and adopt ordinances that establish regulations for the operations of personally owned e-scooters and e-bikes within the City limits, including the use of these vehicles in bike lanes, on sidewalks, and in shared use paths.









Recommendations: Microtransit

The City may consider the following to support existing and future microtransit.

residential areas, parks, commercial destinations, and higher demand transit stops.

needs including affordability, environmental sustainability, and safety, among others.

BrowardMPO.org

Recommendations: Transit Stops

To support existing and future transit users, the City should consider the following as it implements the Transportation Master Plan.

- Transit Stop Access: Ensure safe and easily accessible bus stops for all, with features like ramps or other accommodation for people with mobility impairments. Surrounding sidewalks and waiting areas should be designed to accommodate expected ridership levels.
- Pedestrian Crossings. Place pedestrian crossings close to transit stops, ideally behind departing transit vehicles, to enhance visibility and safety for pedestrians.
- Bike Parking: Provide long-term bike and micromobility storage, such as bike cages, lockers, or shelters, at major mobility hubs or where demand for bike parking may be high such as along Wilton Drive or future premium transit locations. These storage facilities can also include charging stations for e-bikes
- Making Transit Stops Safe and Comfortable. Within Wilton Manors, the availability of amenities that make people feel safe and comfortable at each stop varies. Along Andrews Avenue and Powerline Road, most transit stops provide a route designation sign, a bench, and a trash can and a few have transit shelters. However, some transit stops only provide a route designation sign such as at the Route 14 stop at Powerline Road and 23rd Street.
 - o At All Stops: To feel safe and comfortable, all transit stops should provide a route designation sign, ample waiting area for the expected demand, a bench to provide a place to rest, and ADA compliant pedestrian access. In addition, adequate lighting at transit stops enhances personal safety and security, particularly during nighttime travel. Ideally, all stops would also provide refuse bins to maintain the cleanliness of the stop and contribute to a feeling of safety; but at minimum these should be provided at the highest demand stops.
 - o At High Demand Stops: At the highest demand stops—such as along Wilton Drive—or where projected ridership is expected to increase due to increases in route service, bus shelters can help shield people from the weather by providing shade and a place to wait out storms.
- Helping people navigate: Posted information about arrival and departure times, routes serving the bus stop, system maps, and other system information help users find their way through the transit system. Real time information about delays or upcoming departures can help passengers make informed choices.





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Recommendations: 5-Points Improvements

The 5-Points intersection is a confluence of some of the most heavily utilized, multimodal corridors in the City. While many vehicles cross the intersection daily, it is also influenced by the Florida East Coast Railway track to the east and many people walking and biking through the area daily. Community members noted the intersection is uncomfortable to cross due to long crossing distances, difficulty navigating the multiple legs of the intersection, and long signal cycles / wait times. To address this, the City will be undertaking a separate study to redesign the intersection to better match the surrounding context and support the needs of all users. The following should be considered as the City pursues a preferred design:

Identify pick up / drop off Designated Stops. While microtransit can pick up or drop off in any location, identifying designated stops can help

to improve service and create safe areas for people to wait for, board, or exit vehicles. These designated stops could be located at high density

Evaluate the service. Wilton Manors should consider the development of metrics to assess microtransit and how well it meets transportation

- Reduce speed and number of conflicts. Wilton Manors should consider intersection improvements and redesigns that slow vehicular traffic and minimize the number of vehicle-to-vehicle, vehicle-to-micromobility, and vehicle-to-pedestrian conflict points. This may include:
 - Signal cycle modifications to protect certain movements, including considering an all-pedestrian phase.
 - Limiting or eliminating turn movements and/or right turns on red.
 - Alternative intersection designs like a roundabout or a protected intersection.
 - Realigning one or more legs of the intersection to reduce the number of intersection legs. For example, the western leg of NE 26th Street could be rerouted to Wilton drive prior to 5 Points or Wilton Drive could be rerouted to Dixie Highway or NE 26th Street. This would allow either NE 26th Street or Wilton Drive, respectively, to be closed at the 5-Points intersection.
- Increase visibility of conflict zones. Use conflict striping to delineate conflict zones within the intersection, such as green crossbike striping for biking and high visibility crosswalks for walking.
- Consider access. The City should consider the implementation of access management projects near the intersection. For example, closing nearby driveways (as long as the business has another access point) can help to improve safety and legibility. Additionally, the City should continue to pursue access management opportunities as redevelopment occurs via development reviews.





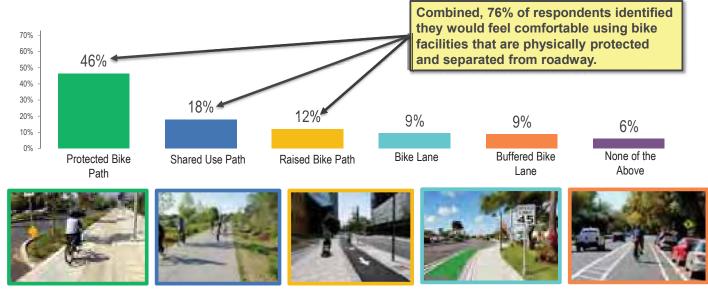


SurveyMonkey Results

- Sept 5 Dec 1, 2023
- 3 questions plus general comment
- 151 responses
- 80 general comments

Q1: For Powerline Rd, Andrews Av, NE 26 St, and Dixie Hwy: Please select the **bike facilities** you would feel comfortable using (select all that apply)

Answered: 151 Skipped: 0



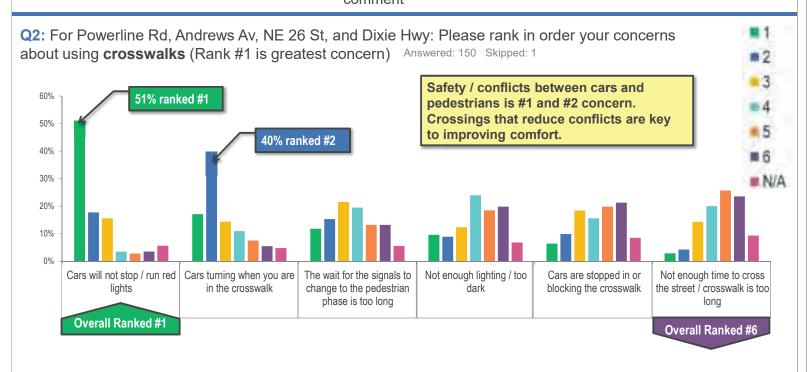
SurveyMonkey Results

FYI....

SurveyMonkey Results

Westside Route Options

- Sept 5 Dec 1, 2023
- 3 questions plus general comment
- 151 responses
- 80 general comments

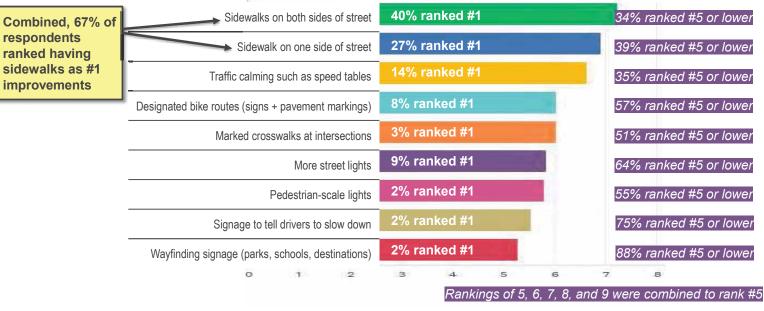


SurveyMonkey Results

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- 80 general comments

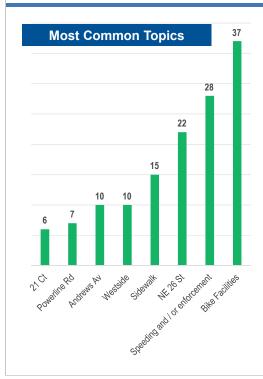
Q3: For the "residential" roads (NE 24 St, NE 21 Ct, or westside route): Please rank in order the improvements you think are most important (Rank #1 is most important) Answered: 146 Skipped: 5

Combined, 67% of Sidewalks on both sides of street 40% ranked #1



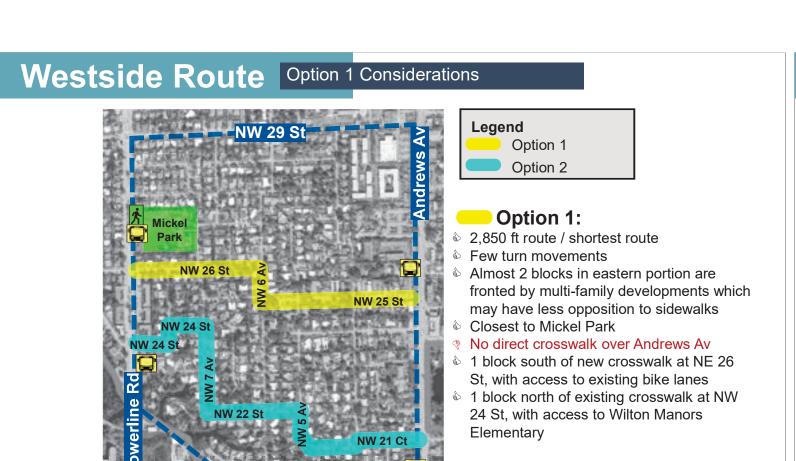
SurveyMonkey Results

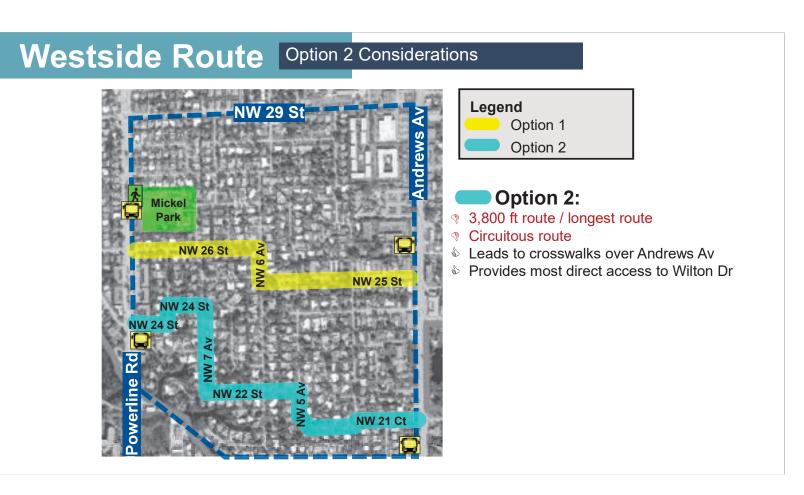
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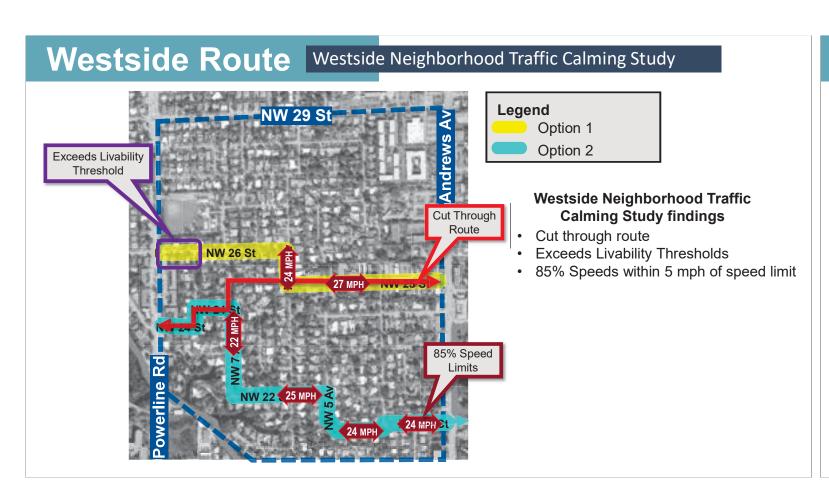


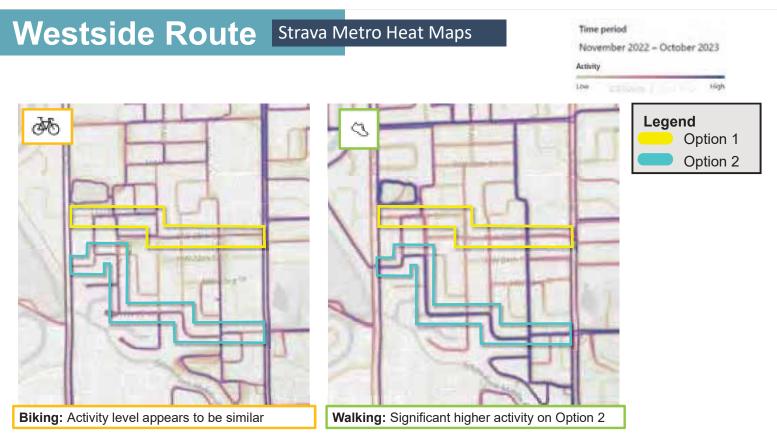
Торіс	Frequent comments
21 Ct	Sidewalk gaps ● Sharp curve on NW 21 Ct ● Bike / Ped improvements needed for crossing at Andrews Av
Powerline Rd	Speeding / Safety ● Need for protected Bike Lanes
Andrews Av	Speeding / Safety ● Running Red Lights ● Improve crossings over roadway ● Landscaped center lane medians
Westside	Sharp curve on NW 21 Ct ● Bike / Ped improvements needed for westside residents crossing at Andrews Av @ 21 Ct ● Traffic calming needed ● Bike / Ped improvements may increase crime
Sidewalk	NE 26 St: needs wide sidewalks ● NE 21 Ct: Sidewalk gaps ● Westside: Sidewalks for southern end or NW 21 Ct ● Citywide: Want sidewalks on all streets ● Citywide: existing sidewalk conditions or width
NE 26 St	Speeding / Safety ● More Crossings (NE 14 Av, from NE 6 Av to 5-Points) ● Bike: Want separate / protected bike facilities (Lane Reduction) ● Dark to cross roadway at night ● Opposed to Lane Reduction
Speeding / Enforcement	Need to slow cars ● Speed enforcement needed ● NE 26 St ● Andrews Av ● Powerline Rd ● Westside
Bike Facilities	Andrews Av: dangerous for bicyclists / separated & protected bike lanes ● NE 26 St: separated & protected bike lanes ● NE 26 St: uniform bike lanes ● Powerline Rd: dangerous for bicyclists / separated & protected bike lanes ● Citywide: Safe bike paths / lanes needed

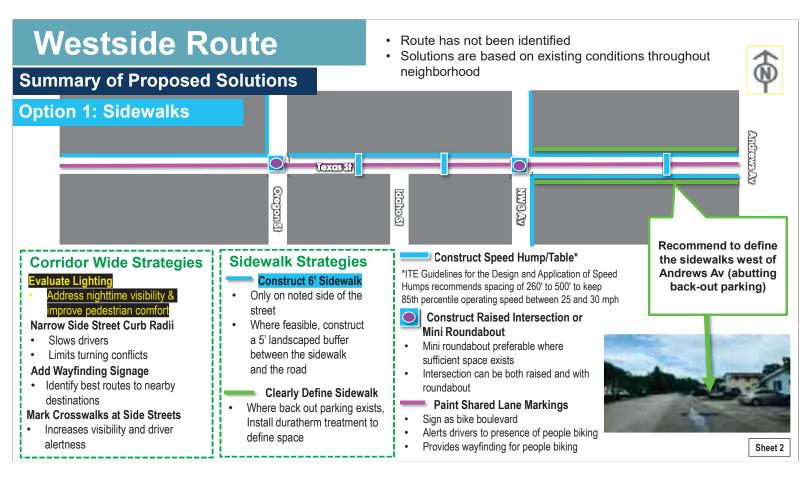
Westside Route 2 Route Options Legend Option 1 Option 2 NW 29 St NW 26 St NW 24 St NW 27 St

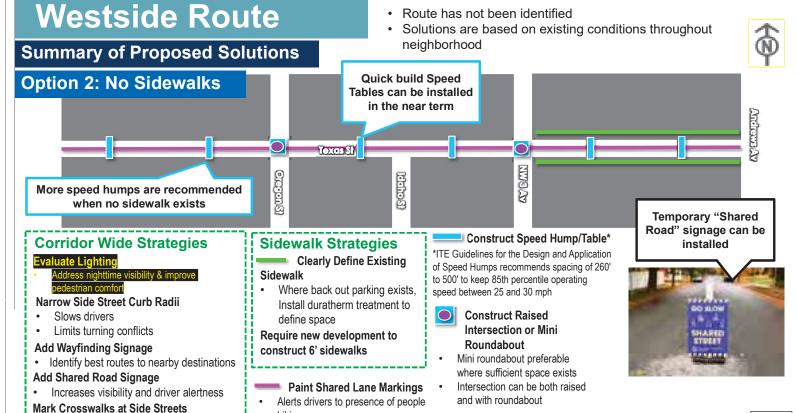












Provides wayfinding for people biking

Increases visibility and driver alertness

Sheet 3