

Florida Department of Transportation

FPN 431657-1-52-01

SR 811 / NE 4th Avenue / Wilton Drive

(From SR 838 Sunrise Boulevard to NE 26th Street)

Wilton Drive Improvement District Meeting

SAFETY DOESN'T HAPPEN BY ACCIDENT.



ALERT TODAY
FDOT
ALIVE TOMORROW

**WHEN DRIVING, WALKING, OR BICYCLING...
PAY ATTENTION.
READ THE SIGNS.
LEARN THE RULES.**

AVOID DISTRACTIONS.   
STOP BEFORE TURNING RIGHT ON RED.
USE THE SIDEWALK AND CROSSWALKS.
BICYCLE PREDICTABLY, WITH TRAFFIC.

Funded by the Florida Department of Transportation

 AlertTodayFL www.AlertTodayFlorida.com  AlertTodayFlorida

March 30, 2017

Project Location



STATE ROAD NO. 811 (NE 4TH AVENUE)
FROM SUNRISE BLVD. TO NE 26TH ST.

END PROJECT
STA 125+79.76
MP 1.814

END BRIDGE
STA 82+32.56

BEGIN BRIDGE
STA 81+74.77



SR 811 - Wilton Drive

SR 811 - NE 4th Avenue

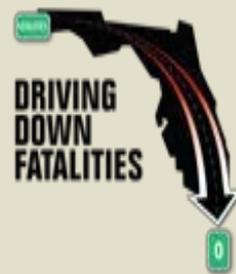
EQUATION: STA 70+86.74 BK
STA 70+86.67 AH

T 49 S
T 50 S

BEGIN PROJECT
STA 30+43.08
MP 0.008

TO FT. LAUDERDALE

Schedule



2016

2017

2018

▲ NTP 2/8/2016

Preliminary Engineering

Develop Concepts



Final Engineering

Develop Details

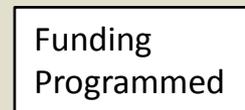


Progress
Status Line
3/30/2017



Production 12/2017

Funding
Programmed



Past Projects

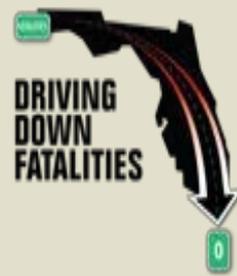
- Lane Widening (Wilton Drive)
 - FDOT - 1984



- Parking Bays / Sidewalk / Landscape / Hardscape
 - FDOT - 1998



Next Generation of Projects



- Lane Elimination Application (NE 4th Avenue / Wilton Drive)
 - Ft. Lauderdale - 2016
- Roadway Improvement Project (NE 4th Avenue / Wilton Drive)
 - MPO / FDOT - (2016 to 2019)
- Enhancement Project (Wilton Drive)
 - Wilton Manors - 2019

LANDSCAPE OPPORTUNITIES



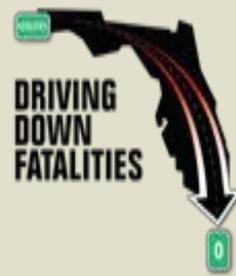
CONSTRUCTION PLANS



PLANNING



Basis of Design

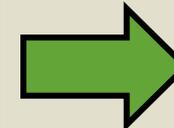
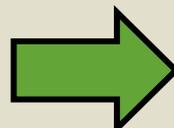
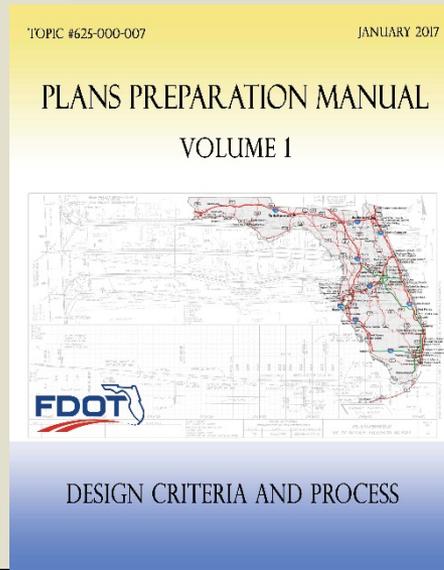


PLANNING



Turn Lane Queue Lengths
Public Outreach

DESIGN - CRITERIA



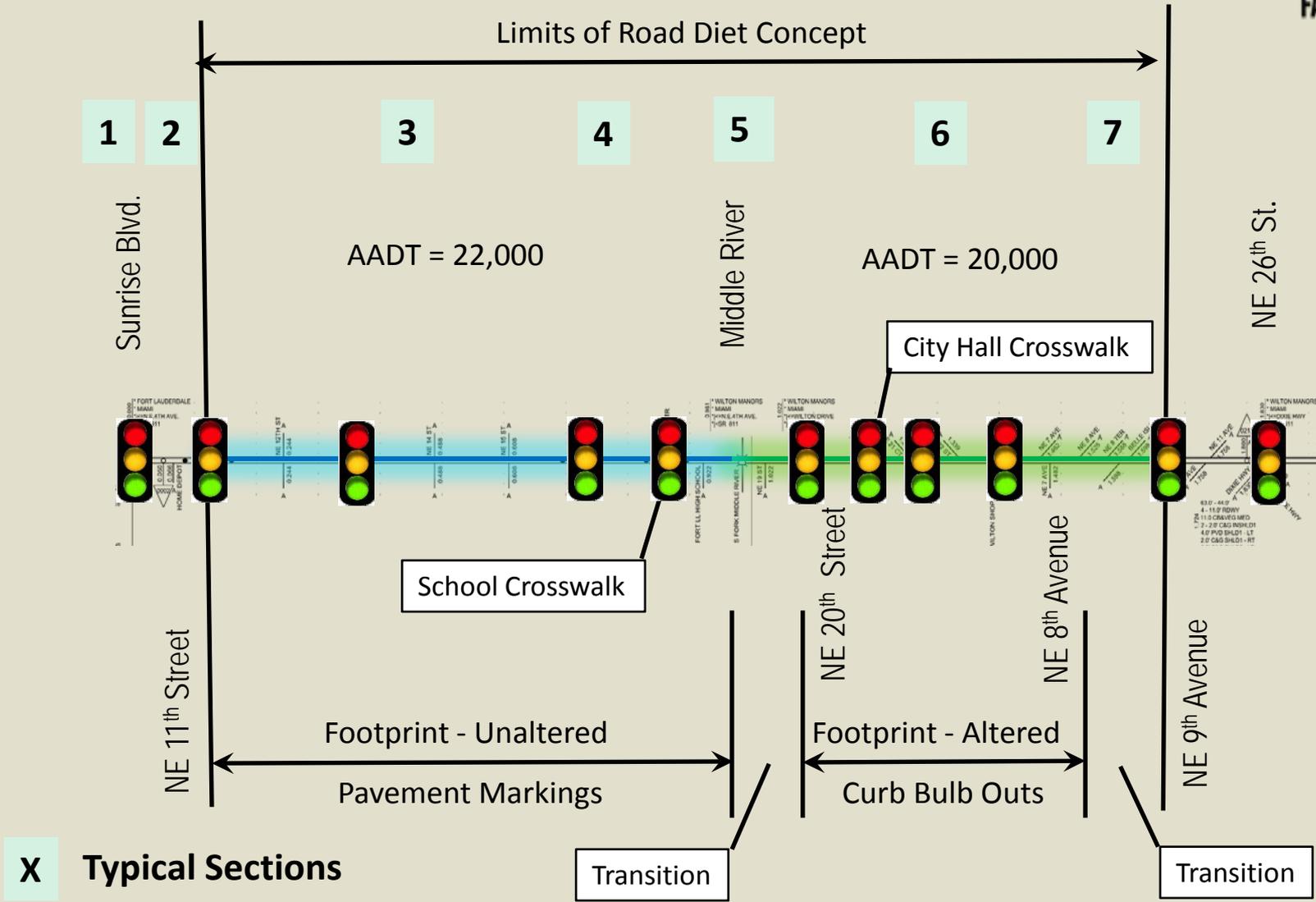
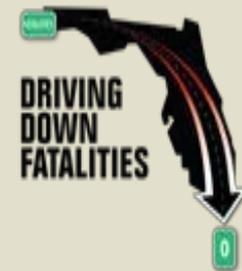
Chapter 2: Design Geometrics and Design
Chapter 4: Roadside Safety
Chapter 8: Pedestrian, Bicycle and Public Transit Facilities
Chapter 23: Design Exceptions Design Variance

CONSTRUCTION PLANS



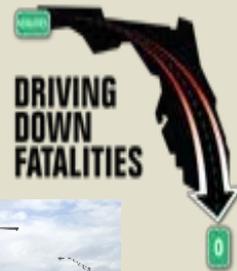
Details
Parking
Drainage Structures
Traffic Control

“Road Diet Concept”



X Typical Sections

The Context



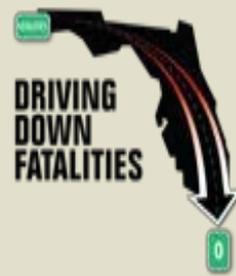
Land Use

- Sunrise Blvd to NE 16th Street
 - Commercial – Businesses Set Back with On Site Parking
- NE 16th Street to Middle River (High School Segment)
 - School District
- Middle River to NE 9th Avenue (The Wilton Drive Segment)
 - Historical Preserve
 - City Hall
 - Pocket Parks
 - Commercial – Business directly at the roadway right of way
 - Eastside Characterized by Multi-Level Structures
 - Westside Characterized by Single Level Structures
- NE 9th Avenue to NE 26th Street
 - Commercial – Businesses Set Back with On Site Parking

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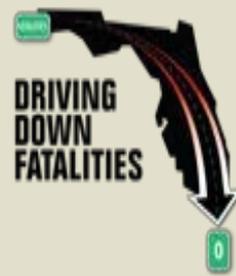


Study Segments



- Segment 1 - Sunrise Blvd to NE 16th Street
 - Typical Section (1, 2 and 3)
- Segment 2 - NE 16th Street to Middle River (High School Segment)
 - Typical Section (4)
- Segment 3 – Middle River Bridge
 - Typical Section (5)
- **Segment 4 - Middle River to NE 9th Avenue (The Wilton Drive Segment)**
 - Typical Section (6)
- **Segment 5 – NE 9th Avenue to NE 26th Street**
 - Typical Section (7)

Agency / Public Meetings



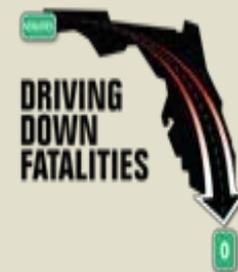
- Agency Meetings

- March 23, 2016 – MPO / Ft. Lauderdale / Wilton Manors Staffs
- April 27, 2016 – MPO / Ft. Lauderdale / Wilton Manors Staffs
- May 11, 2016 – Ft. Lauderdale / Wilton Manors Staffs
- May 26, 2016 – Wilton Manors Staff
- July 8, 2016 – Ft. Lauderdale Staff
- **March 30, 2017 – Wilton Drive Improvement District**

- Public Meetings

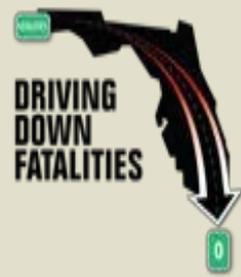
- June 8, 2016 – Wilton Drive Improvement District
- July 12, 2016 – Wilton Manors City Council
- September 13, 2016 – FDOT / Ft. Lauderdale / Wilton Manors on Lane Elimination Project
- TBD – Public Meeting (Future Meeting)

Agency Stakeholders



- Feedback from Wilton Manors
 - Maintain Number of On Street Parking Spaces
 - Safety
 - More Signalized Crosswalks
 - Jay walking
 - Wider Sidewalks
 - Roadway Lighting
 - Pedestrian Lighting
 - Patio Areas
 - Landscape Opportunity Areas
 - Shade Trees
 - Understory Trees
 - Irrigation Sleeves
 - Way Find Signage
 - Gateways

Objectives

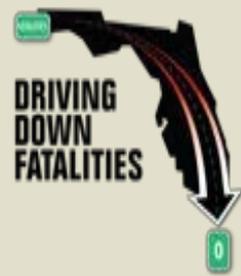


In Wilton Manors

- Promote
 - Sense of Place through Context Sensitive Solutions
 - Walkability
 - Lower Vehicular Speeds – Road Diet
 - Widen Sidewalks
 - Emphasize Visual Impact at Crosswalks
 - Consider Context Solutions – Shade Trees
 - Businesses – Patio Areas
 - Bicycle Usage – Buffered Bike Lanes
 - Parking – Maintain Metered Parking Spaces (Where Feasible)
 - Accommodate Mass Transit and Freight
- Constraints
 - **State Road – FDOT Design Criteria / Design Standards / Maintenance**
 - Parking / Business Revenue – City of Wilton Manors
 - Construction Costs – MPO Budget
 - Right of Way
 - Access Management
 - Existing Landscape in Wilton Manors



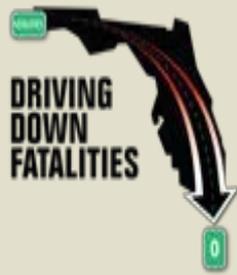
Middle River to NE 9th Avenue



- Improve Walkability
 - Review Pedestrian Experience Day / Night
 - Assessed Sidewalks
 - Along Southbound Lanes
 - Along Northbound Lanes
 - Businesses - Patio Areas
 - Existing Landscape / Landscape Opportunities



Sidewalks - Westside



Type 1 Sidewalk
(6' Wide – No Landscape)
(6 Locations – 1800 LF)



Reconstruct

Type 2 Sidewalk
Sidewalk (6'+ Wide) with Landscape Strip



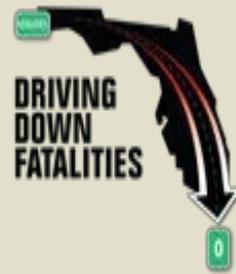
Maintain

Type 3 Sidewalk
Sidewalk (10' + Wide) with Landscape



Goal

Sidewalks - Eastside



Type 1 Sidewalk
(6' Wide – No Landscape)
(2 Locations – 300 LF)



Reconstruct

Type 2 Sidewalk
Sidewalk (6' +Wide) with Landscape Strip



Maintain

Type 3 Sidewalk
Sidewalk (10' + Wide) with Landscape



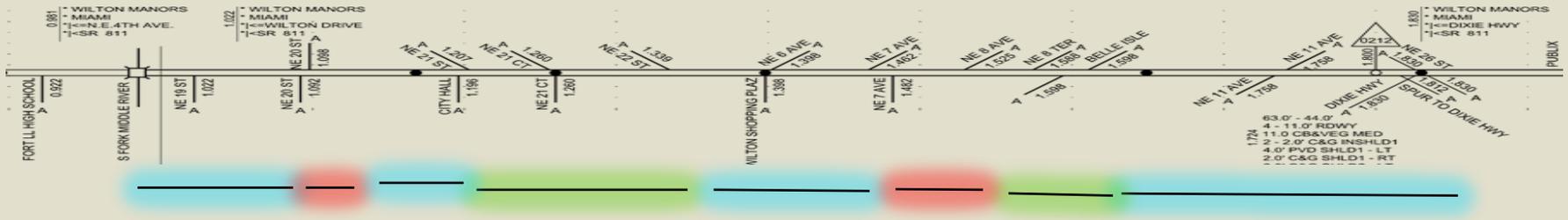
Goal

Sidewalk Assessment



Westside

Middle River
 20th St.
 21th St.
 21th Ct.
 22nd St.
 6th Ave.
 7th Ave.
 8th Ave.
 9th Ave.
 11th Ave.
 26th St.



Eastside

Type 1 Sidewalk

Type 2 Sidewalk

Type 3 Sidewalk

Middle River to NE 9th Avenue

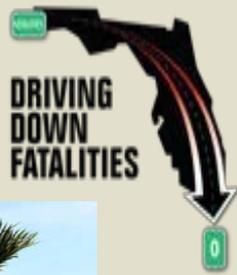
Sidewalks



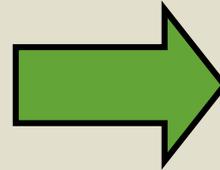
Wilton Drive	Length	6'	> 10'	6'	12.5'
Middle River Bridge					
	500	1000	0	1000	0
NE 20th Street					
	550	1100	0	500	600
NE 21st Street					
	350	700	0	700	0
NE 21st Court					
	400	400	400	0	400
NE 22nd Street					
	350	700	0	350	350
NE 6th Avenue					
	350	700	0	520	180
NE 7th Avenue					
	300	300	300	150	150
NE 8th Avenue					
	350	600	100	480	120
NE 8th Terrace					
	300	500	100	500	0
NE 9th Avenue					
	850	1700	0	1700	0
NE 26th Street					
Totals		7700	900	5900	1800



Sidewalks



10' Wide
Sidewalks
Doubled



Type 1 Sidewalk
(Reconstruct 1800 LF)

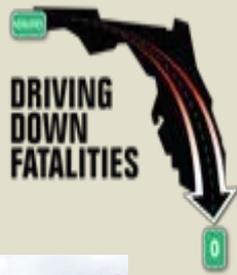


Type 2 Sidewalk
(Sidewalk with Landscape Strip – To Remain)



Type 3 Sidewalk
(Landscape within Wide Sidewalk – To Remain)

Middle River to NE 9th Avenue

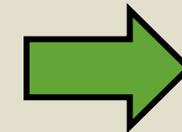


On Street Parking

Wilton Drive	Parking Spaces (Existing)	Parking Spaces (Proposed)	Net Increase / Decrease
Middle River Bridge			
Westside	3	5	2
Eastside	0	0	0
NE 20th Street			
Westside	17	12	-5
Eastside	3	3	0
NE 21st Street			
Westside	0	5	5
Eastside	0	2	2
NE 21st Court			
Westside	5	4	-1
Eastside	14	8	-6
NE 22nd Street			
Westside	8	6	-2
Eastside	0	5	5
NE 6th Avenue			
Westside	7	5	-2
Eastside	0	0	0
NE 7th Avenue			
Westside	0	7	7
Eastside	7	3	-4
NE 8th Avenue			
Westside	5	1	-4
Eastside	4	0	-4
NE 8th Terrace			
Westside	0	0	0
Eastside	5	2	-3
NE 9th Avenue			
Westside	0	0	0
Eastside	4	5	1
NE 26th Street			
Totals	82	73	-9



82 Existing Parking Spaces

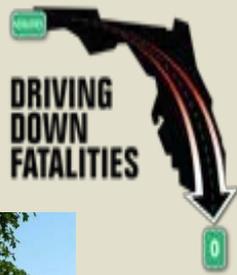


9 Spaces
11% Decrease

73 Proposed Parking Spaces

Middle River to NE 9th Avenue

Landscape Opportunities

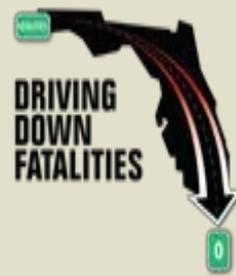


Wilton Drive	Shade Tree Planters	Understory Tree Planters	Parking Bay Conversion to Landscape Area	Landscape Opportunity Areas at Right of Way
Middle River Bridge	0	0	1	0
NE 20th Street	3	12	0	0
NE 21st Street	0	0	0	1
NE 21st Court	5	15	0	0
NE 22nd Street	2	9	0	1
NE 6th Avenue	0	3	0	0
NE 7th Avenue	2	3	0	0
NE 8th Avenue	1	3	2	0
NE 8th Terrace	0	0	1	0
NE 9th Avenue	0	0	0	0
NE 26th Street	0	0	0	0
Totals	13	45	4	2



Understory Tree Planters - 45

Improvements Block to Block



Wilton Manors

- Construction Plans with Aerial Background
 - Middle River to NE 20th Street
 - NE 20th Street to NE 21st Street
 - NE 21st Street to NE 21st Court
 - NE 21st Court to NE 22nd Street
 - NE 21nd Street to NE 6th Avenue
 - NE 6th Avenue to NE 7th Avenue
 - NE 7th Avenue to NE 8th Avenue
 - NE 8th Avenue to NE 8th Terrace
 - NE 8th Terrace to NE 9th Avenue
 - NE 9th Avenue to NE 11th Avenue
 - NE 11th Avenue to NE 26th Street

Middle River Bridge

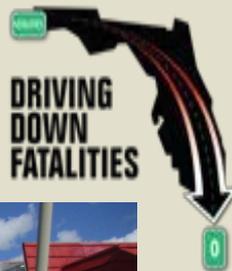


Existing

Proposed



Middle River to NE 20th Street



Existing

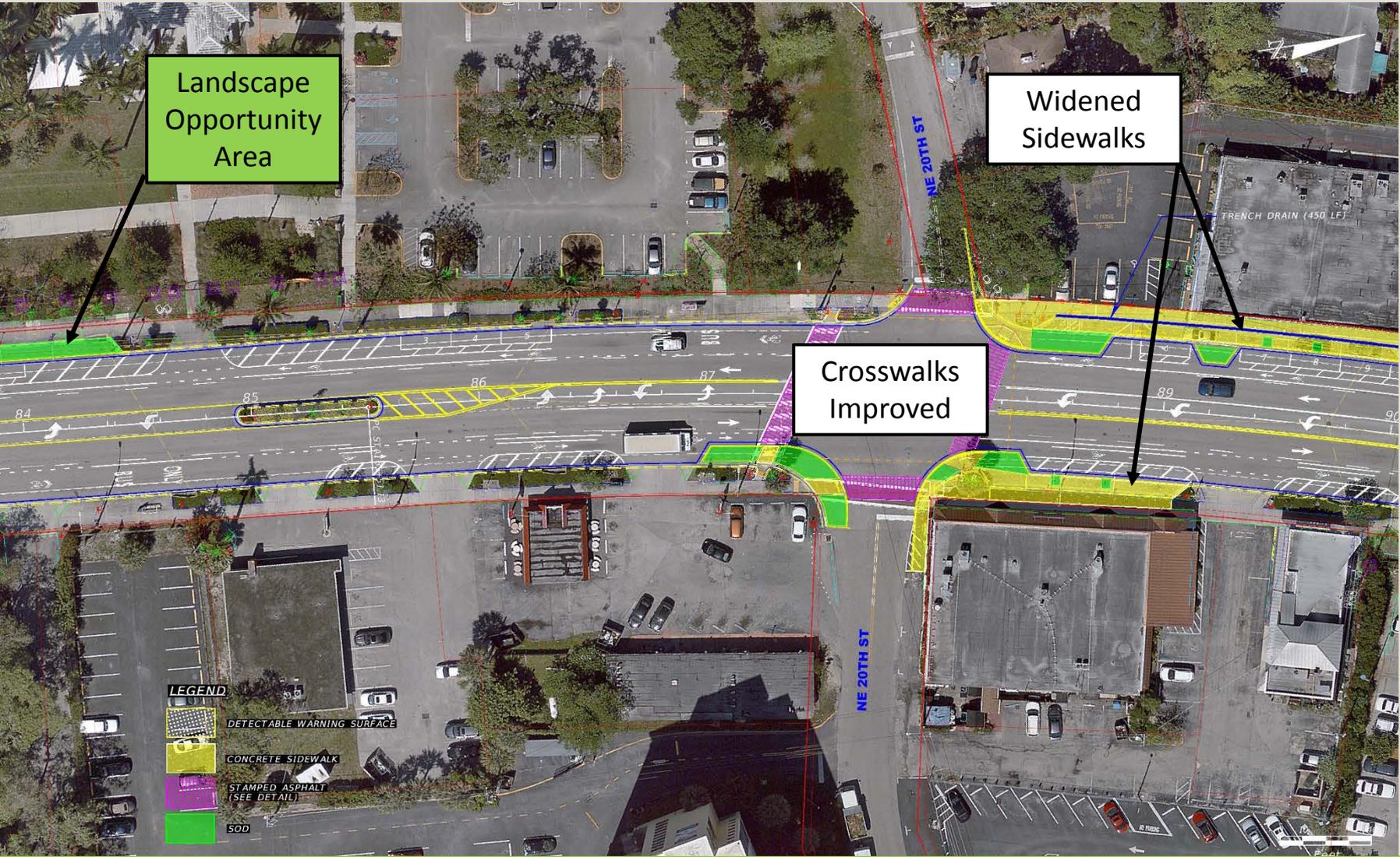


Proposed



Street

DRIVING
DOWN
FATALITIES



Landscape
Opportunity
Area

Widened
Sidewalks

Crosswalks
Improved

- LEGEND**
- DETECTABLE WARNING SURFACE
 - CONCRETE SIDEWALK
 - STAMPED ASPHALT (SEE DETAIL)
 - SOD

Street



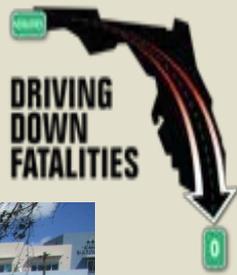
Existing



Proposed



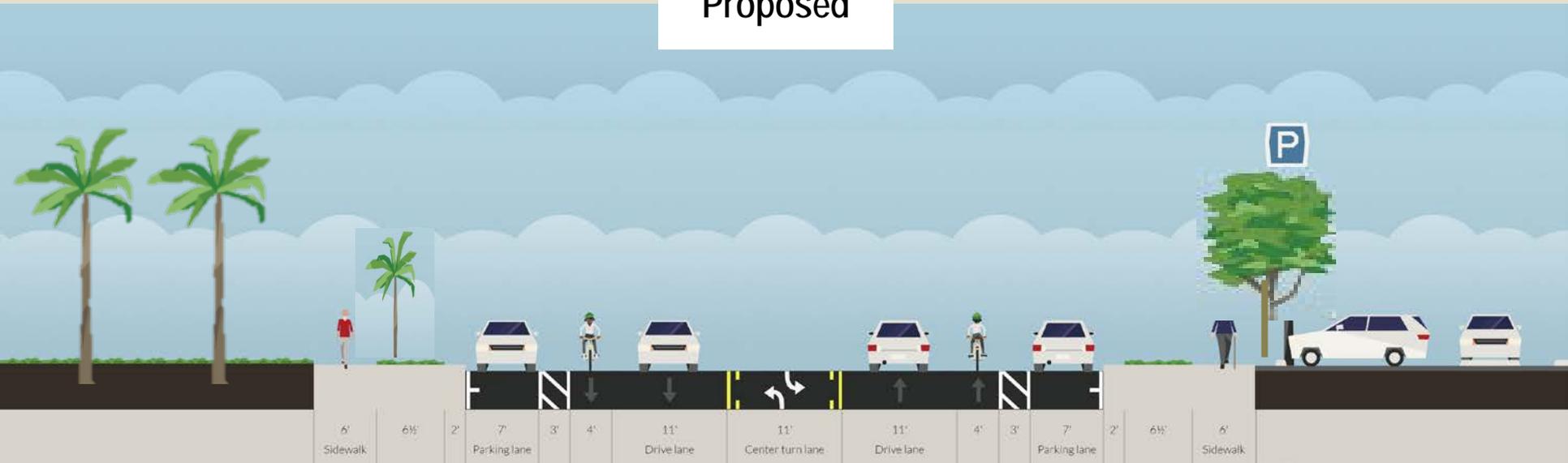
NE 21st Street to NE 21st Court



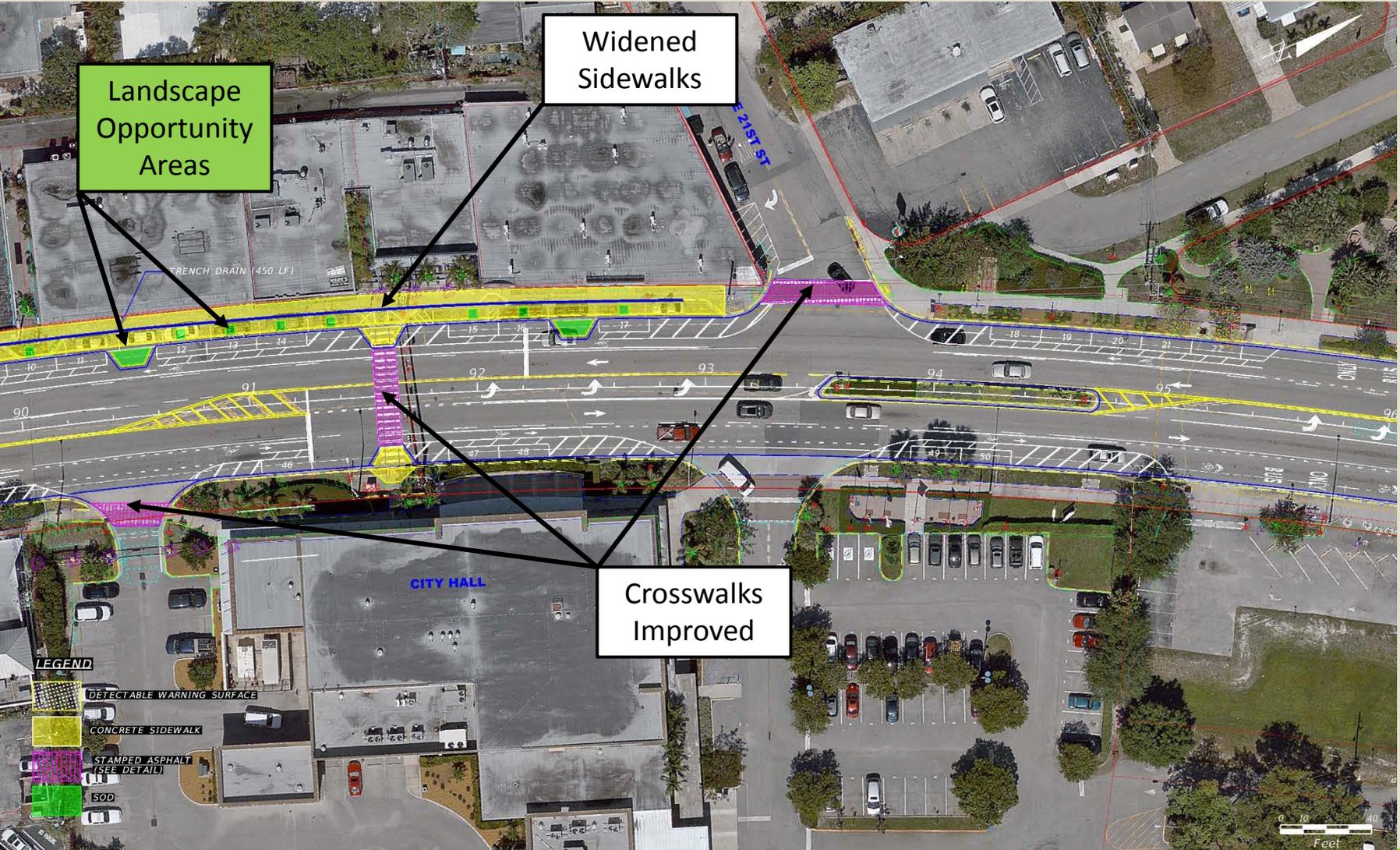
Existing



Proposed



Street



NE 21th Court to NE 22th Street



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Existing

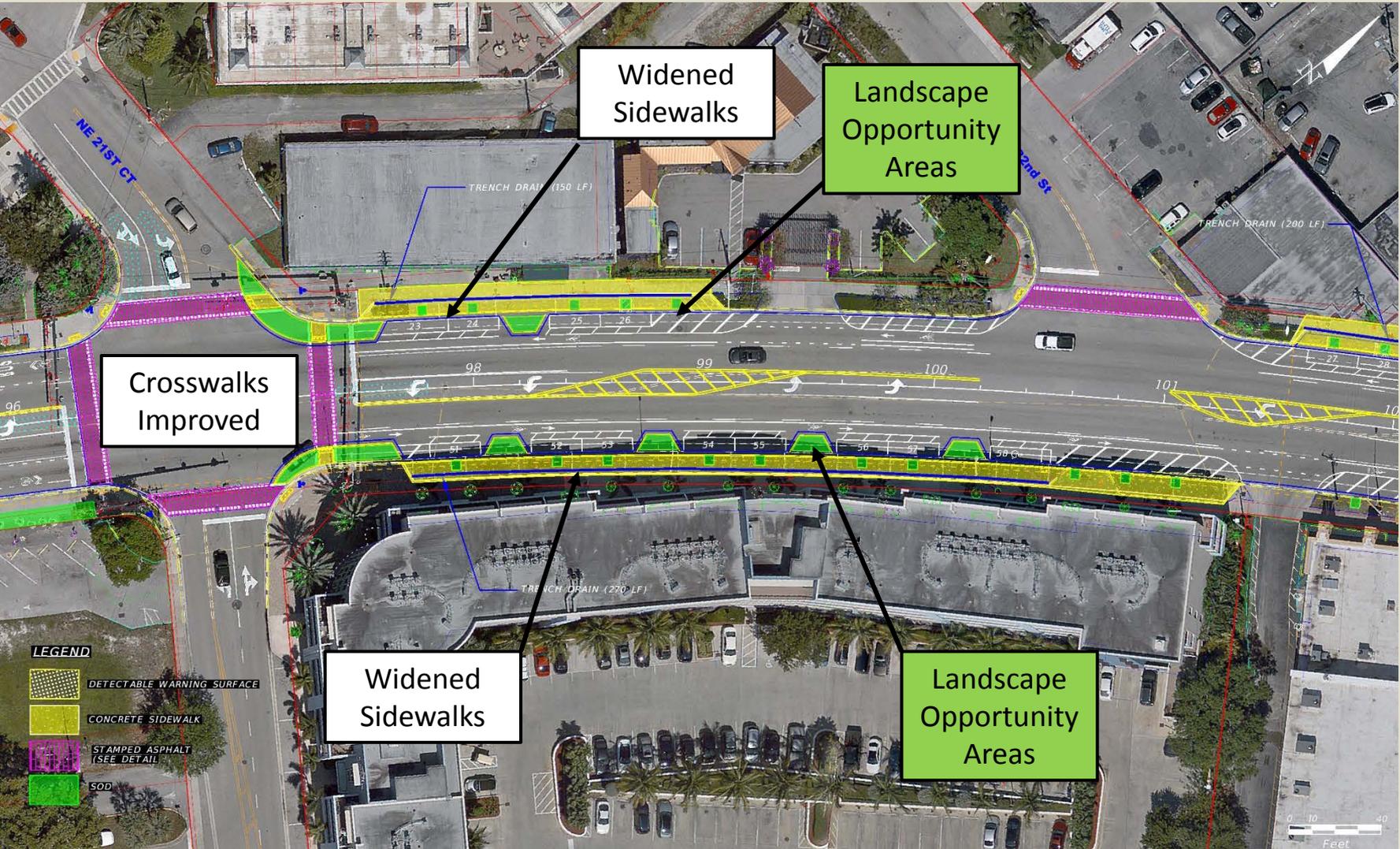


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Proposed



Street



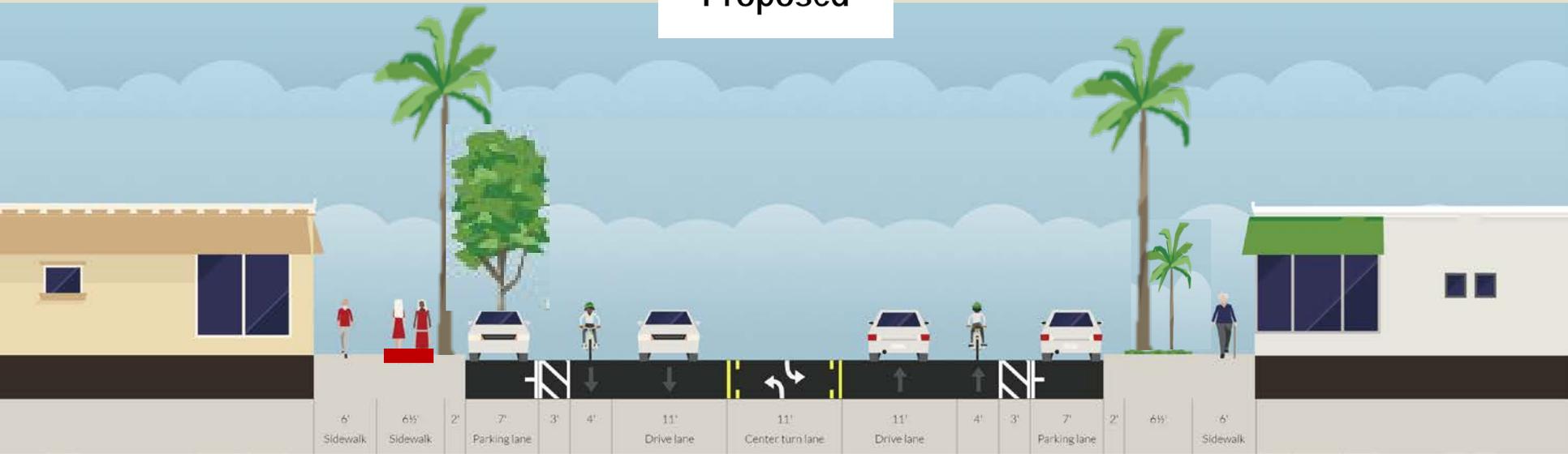
Avenue



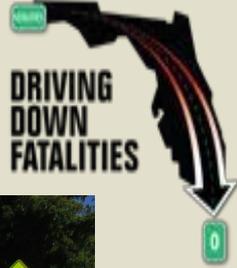
Existing



Proposed



Avenue



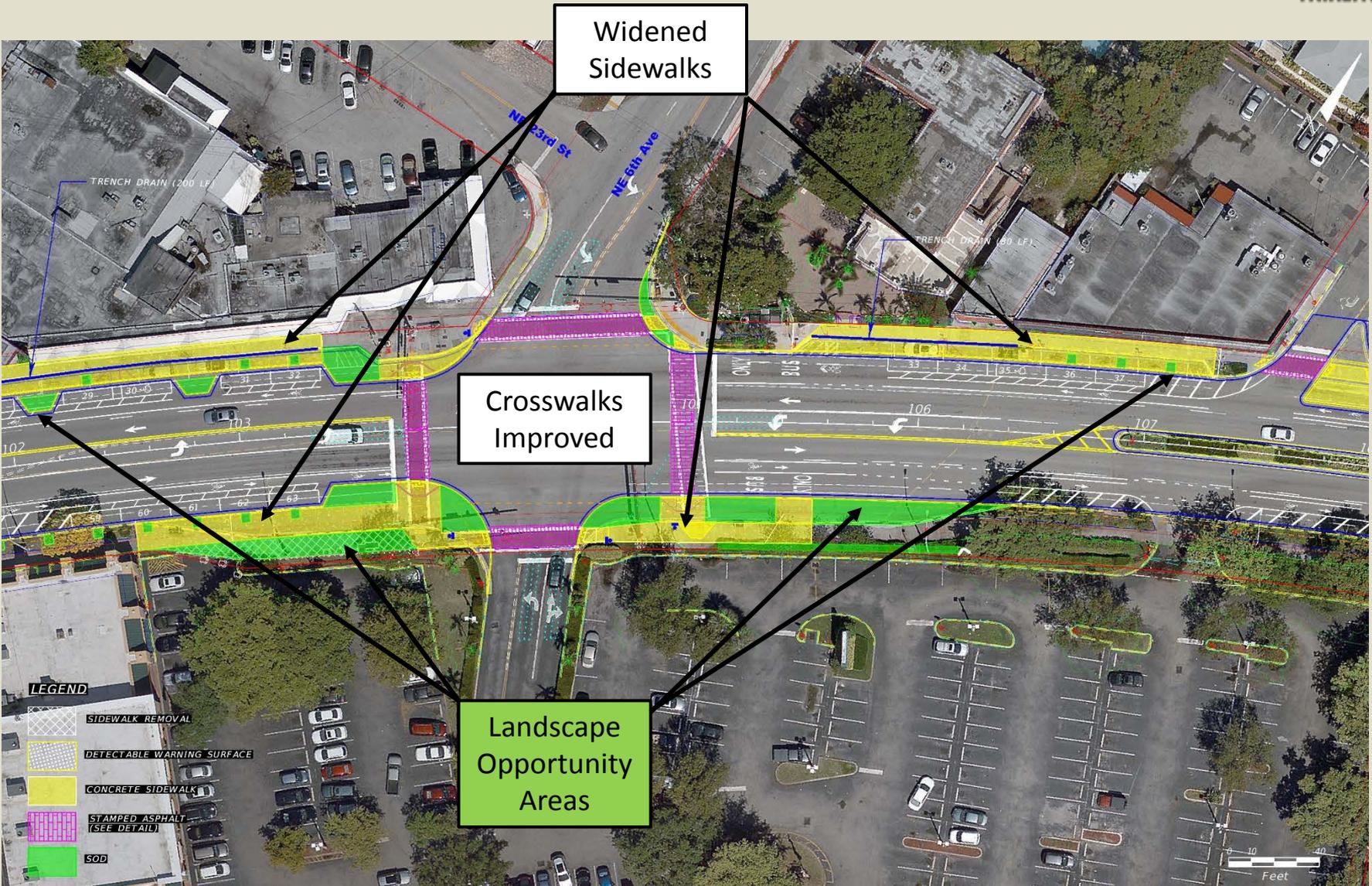
Existing



Proposed



Avenue



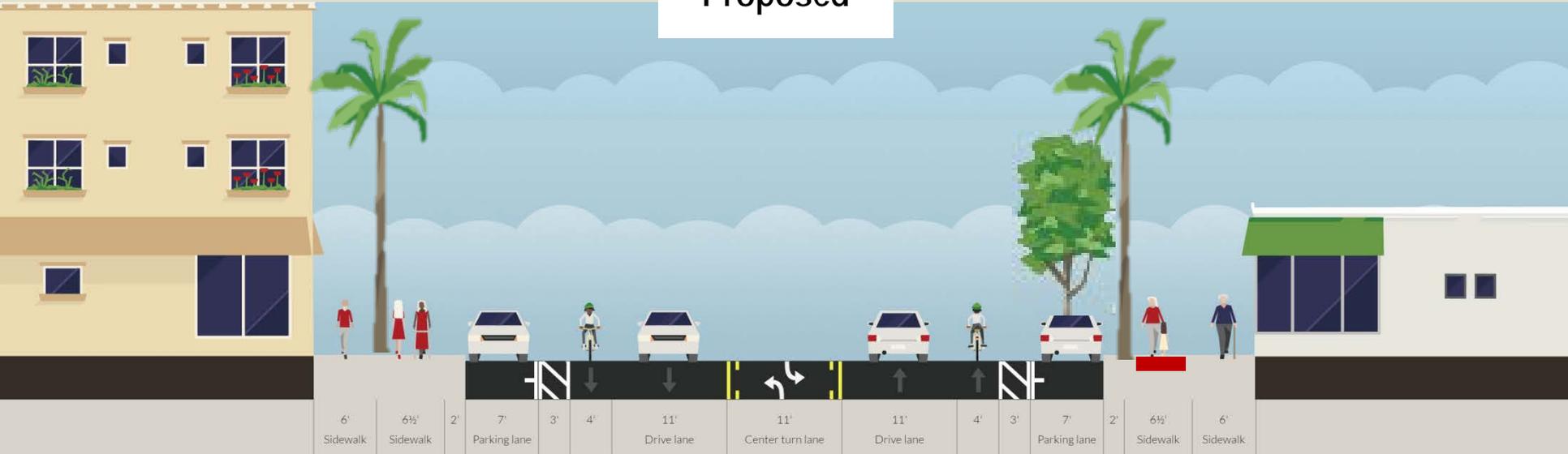
Avenue



Existing



Proposed



Terrace



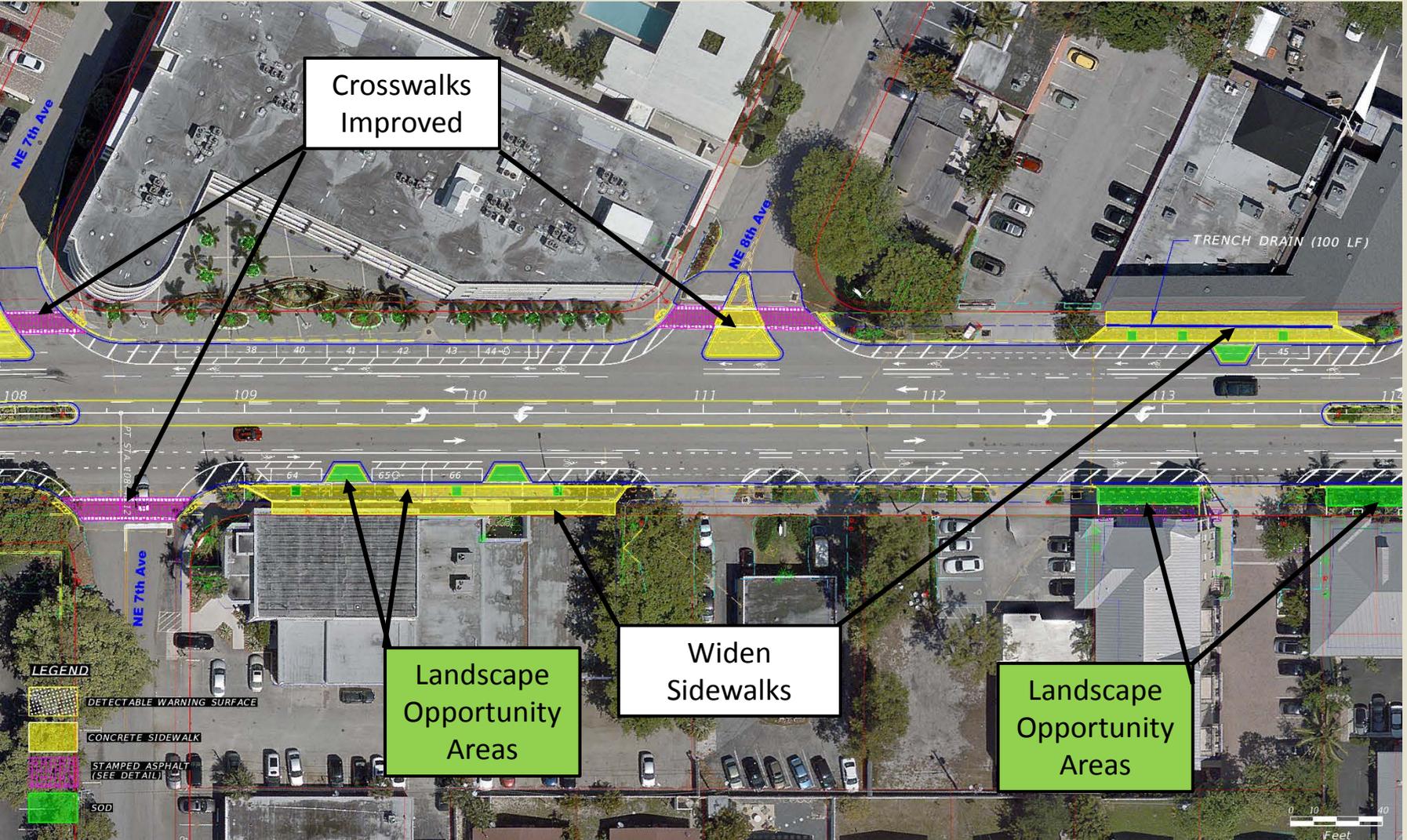
Existing



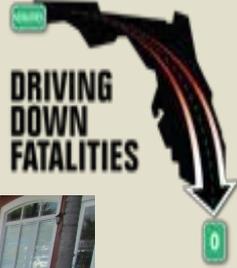
Proposed



NE 7th Ave. to NE 8th Terrace



Avenue



Existing

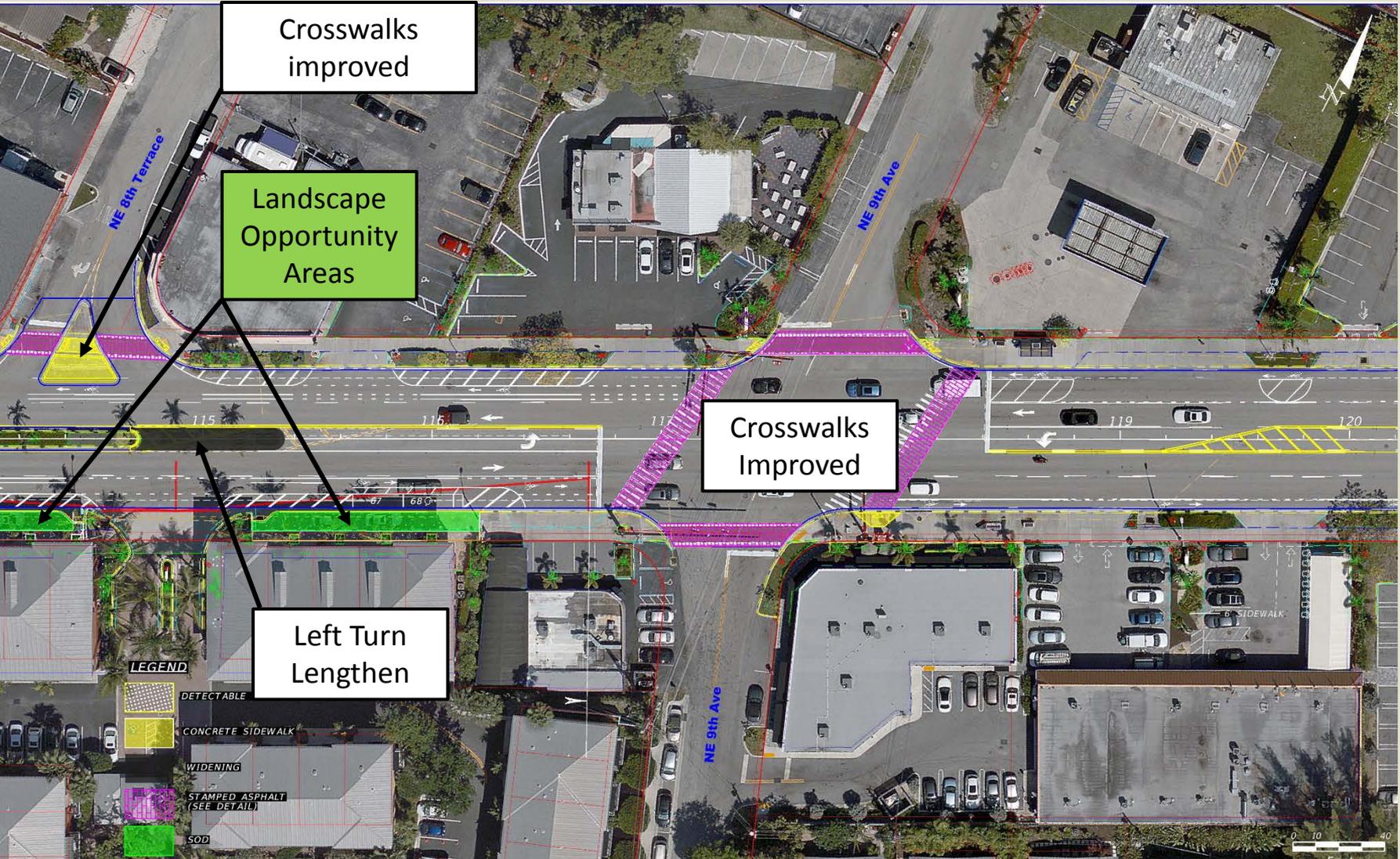


Proposed



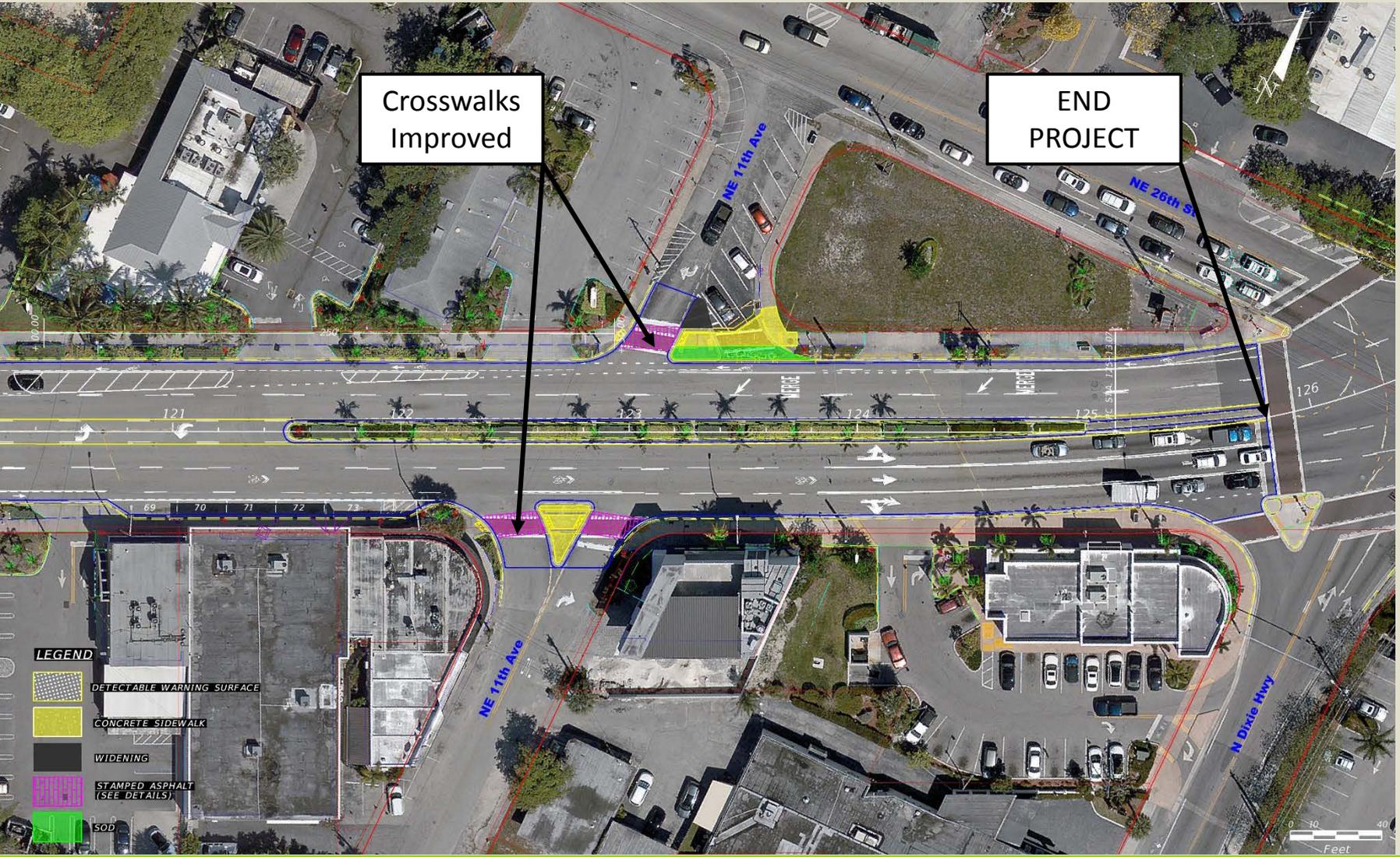
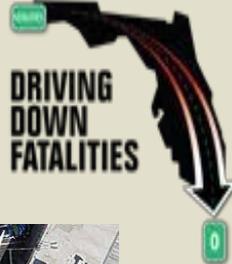
Avenue

DRIVING
DOWN
FATALITIES



Street

DRIVING
DOWN
FATALITIES



Crosswalks
Improved

END
PROJECT

LEGEND

-  DETECTABLE WARNING SURFACE
-  CONCRETE SIDEWALK
-  WIDENING
-  STAMPED ASPHALT (SEE DETAILS)
-  SOD

Avenue (1)



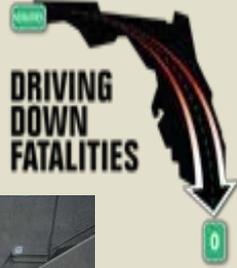
Existing



Proposed



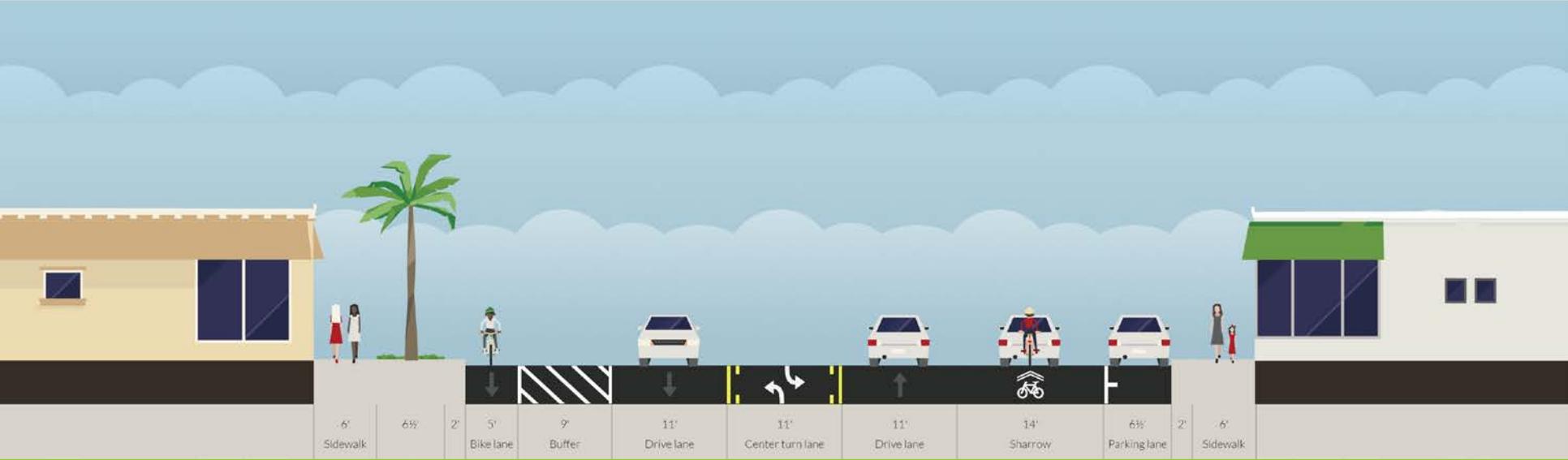
Avenue (2)



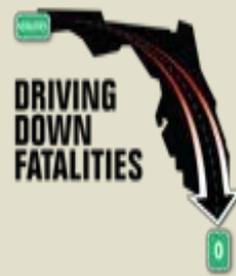
Existing



Proposed



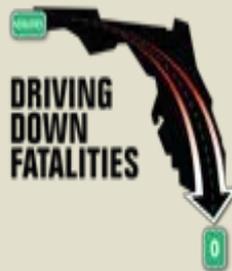
Roadway Improvement Project



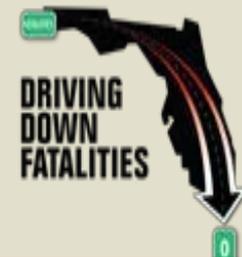
- Roadway Improvement Project (NE 4th Avenue / Wilton Drive)
MPO / FDOT - (2016 – 2019) Planning thru Construction
 - Maintain Landscape Areas
 - Repurposed 12 of 13 On Street Parking Bays into:
 - On - Street Parking
 - Wider Sidewalks
 - Shade Tree Planters
 - Understory Tree Planters
 - Patio / Landscape Opportunity Areas
 - Curb Bulb Outs at Intersections
 - Pedestrian Signal Upgrades
 - Shorter / Textured Crosswalks
 - Lighting Signalized Crosswalks
 - Corridor Roadway Corridor Lighting
 - Drainage Modifications



Condition



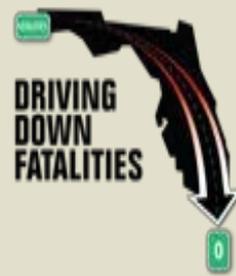
“The Drive” – Option A



LANDSCAPE
(CITY FUNDED)



Sidewalk Features / Enhancements



LANDSCAPE LIGHTING
(CITY FUNDED)

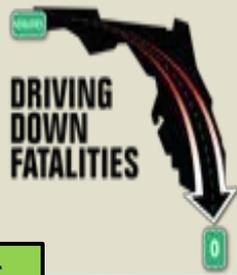


BRICK PAVERS /
TREE GRATES
(CITY FUNDED)



Sidewalk
Drainage

“The Drive” – Option B

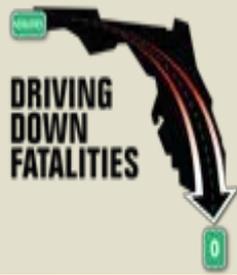


LANDSCAPE
(CITY FUNDED)

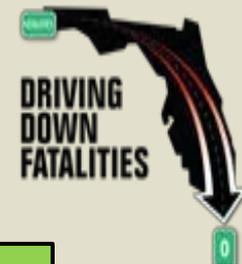
BRICK PAVERS
(CITY FUNDED)



“The Drive” – At Dusk



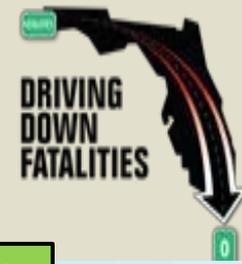
“The Drive” – Option A



LANDSCAPE
(CITY FUNDED)



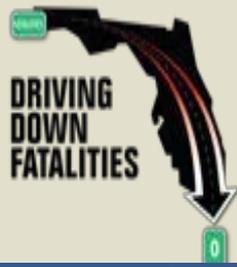
“The Drive” – Option B



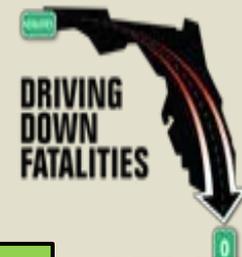
BRICK PAVERS
(CITY FUNDED)



“The Drive” – At Dusk



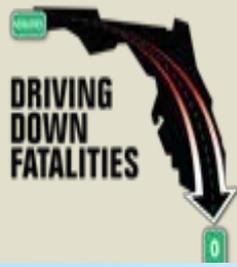
“The Drive” – Option A



LANDSCAPE
(CITY FUNDED)



“The Drive” – Option B



BRICK PAVERS
(CITY FUNDED)

LANDSCAPE
(CITY FUNDED)



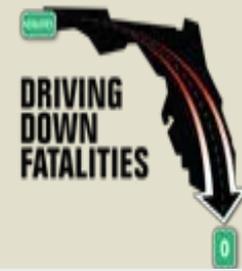
“The Drive” – Option A



LANDSCAPE
(CITY FUNDED)



“The Drive” – Option B

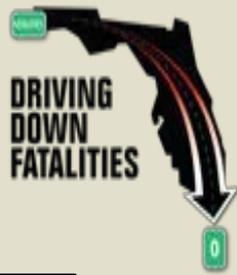


BRICK PAVERS
(CITY FUNDED)

LANDSCAPE
(CITY FUNDED)



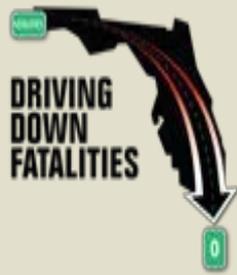
Intersections



LANDSCAPE
(CITY FUNDED)

Crosswalks

Stamped Asphalt



Contact Information



Humberto Arrieta, PE

Humberto.Arrieta@dot.state.fl.us

FDOT District 4

humberto.arrieta@dot.state.fl.us

(954) 777-4152

Dwayne Darbonne, PE

METRO Consulting Group, LLC

dwayne.darbonne@metrocgllc.com

(407) 960-3973