

Bicycle Lane Improvements  
in the City of Margate  
on  
NW 54 Avenue,  
NW 31<sup>st</sup> Street,  
and  
NW 62<sup>nd</sup> Avenue

**BICYCLE LANE IMPROVEMENTS**

# Background

**February 2012.** Broward Metropolitan Planning Organization (MPO) publishes the Northern Broward County Livability Study Action Plan. “The Loop” – NW 54 Avenue, NW 31 Street, NW 62 Avenue, Turtle Creek Drive, and Cullum Road is identified as one of the locations for desired for Bicycle Facilities in the proposed 5 year plan.

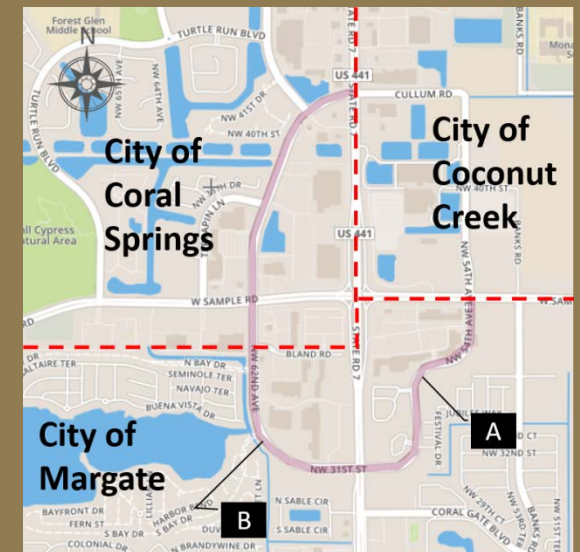
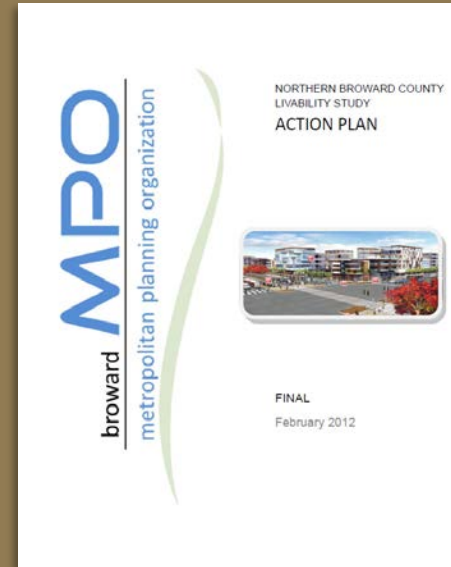
**January 2018.** City of Coconut Creek chooses not to participate in MPO sponsored project electing instead to implement improvements on Cullum Road and NW 54 Avenue through separate City of Coconut Creek sponsored improvement projects.

**February 2018.** Workshop at the City of Margate.

**March 2018.** City of Coral Springs passes a Resolution of Support for the proposed project.

**April 2018.** City of Margate passes a Resolution of Support for the proposed project.

**October 2018.** City of Coral Springs selects a Typical Section for the project consisting of: Type D curbing, 1 – 10 foot lane, 1 -11 foot lane and 1 - 4.5 foot bike lane in each direction.



## Recommendations for Bicycle Facilities

Proposed bicycle facility improvements must meet specific criteria to be eligible for amendments to the 2035 LRTP on the semi-annual amendment cycle. Proposed projects must contribute to fulfilling the Vision of the 2035 LRTP, and they must have identifiable funding sources to meet the basic condition of the Cost Feasible Plan. The Broward MPO will take the lead in developing cost estimates and identifying specific funding sources for new or additional projects. The LRTP provides the basis for cost estimates (\$44/linear foot for bicycle facilities; the mix of on-road and off-road facilities will be determined during design).

DESIGNATED BICYCLE LANE Streets with curb and gutter. 4 feet minimum of usable pavement (excluding gutter); 6 feet next to on-street parking	PROJECT LIMITS	MUNICIPALITY
Creekside Drive	Turtle Creek Drive to State Road 7	City of Coral Springs
"The Loop" - Turtle Creek Drive	NW 62nd Avenue, NW 54th Avenue, and Cullum Road	City of Coral Springs, City of Coconut Creek, City of Margate
State Road 7	Hillsboro Boulevard to Sawgrass Expressway	City of Coconut Creek / Turnpike Authority

# PROJECT ORIGINS



10' - 11' - 4.5' TYPICAL SECTION

TURTLE CREEK DRIVE  
NORTH OF SAMPLE ROAD TO WEST OF SR 7 / US 441  
CITY OF CORAL SPRINGS



# City of Coral Springs Selected Improvement Option

In this discussion we will present improvement options for the City of Margate with the goal of selecting a preferred option to proceed to design.

#### Section A (East of SR 7 to Sample Road)

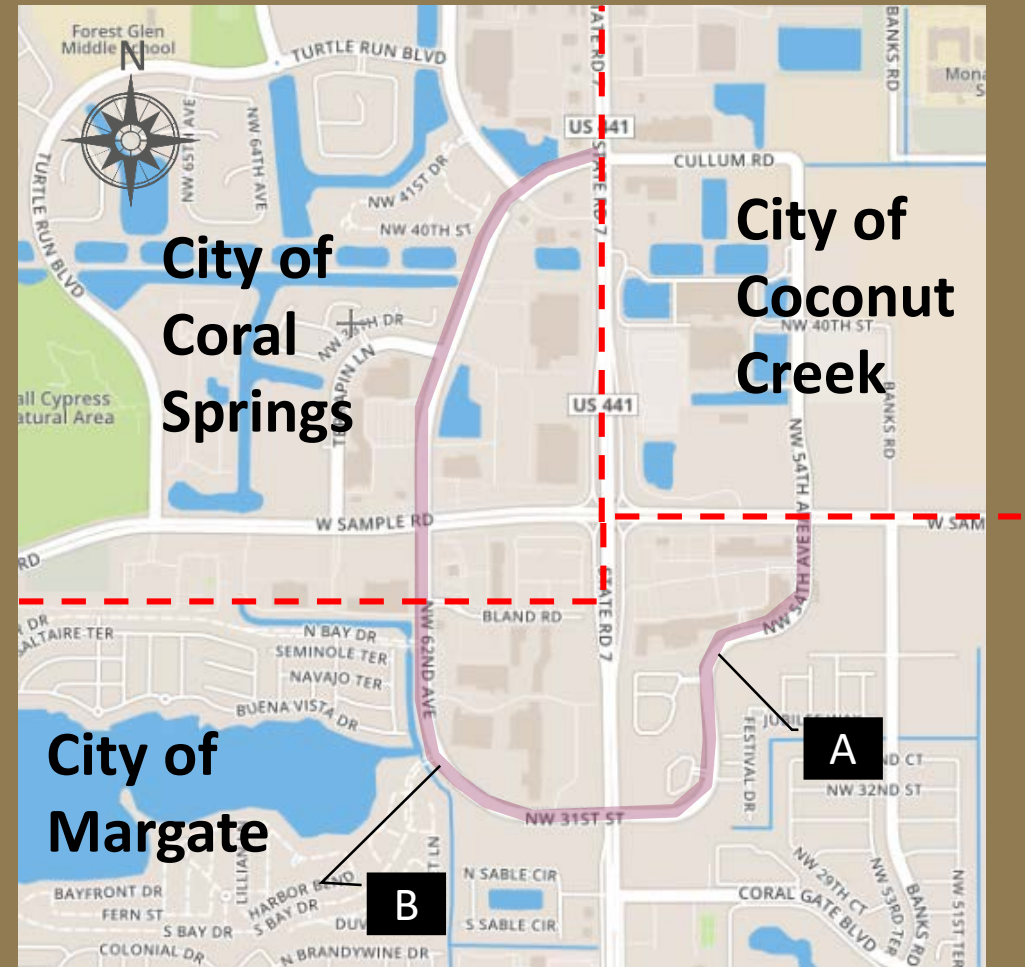
ROW width is somewhat limited (80') which limits the improvement options. Two (2) options are presented for review:

1. Shared Lane Markings,
2. On street bicycle lanes with median curb modifications.

#### Section B (West of SR 7 to Coral Springs)

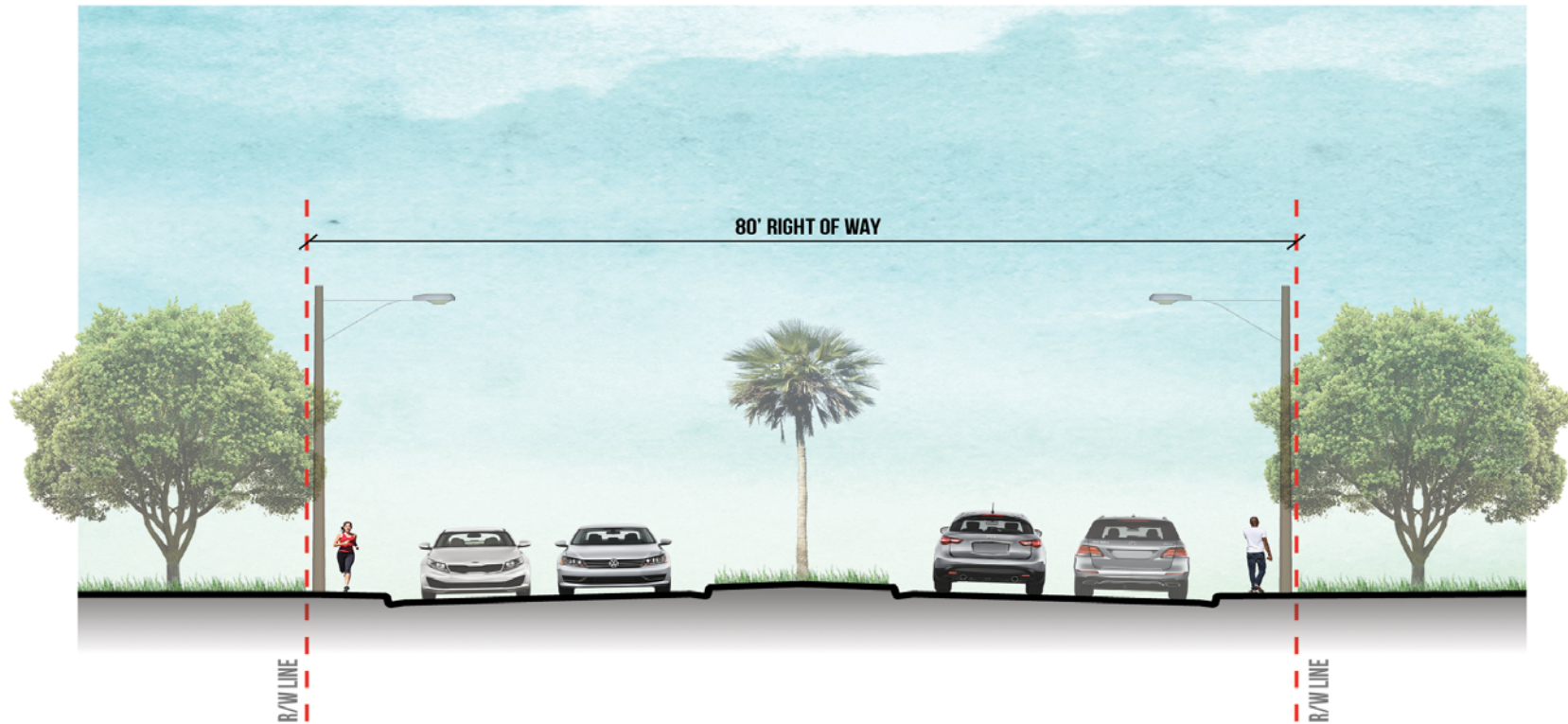
ROW width is 100' allowing greater design flexibility.

1. On street bicycle lane with median curb modifications,
2. Buffered Bicycle Lanes with median modifications,
3. Multi-Use Paths with median modifications and outside shoulder modifications.



# Bicycle Lane Improvements



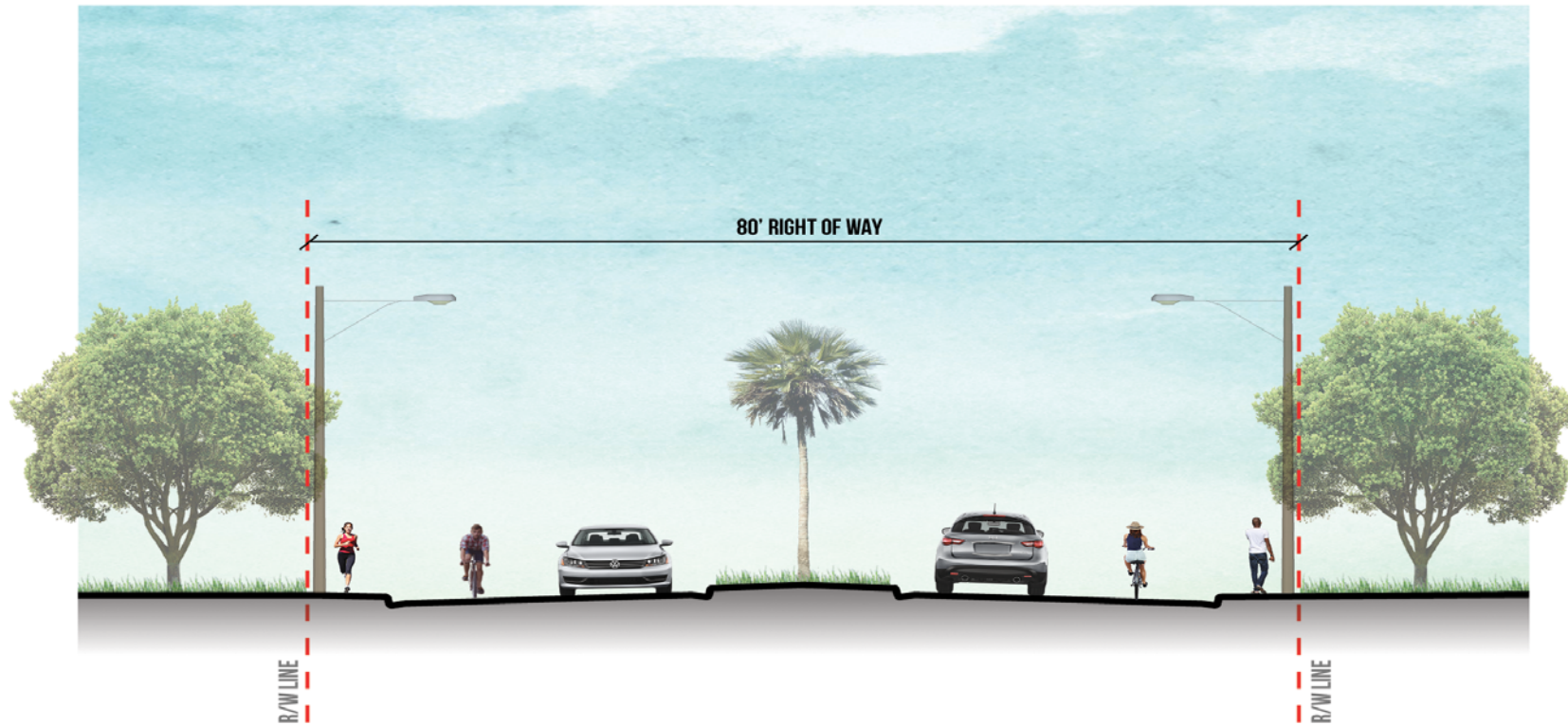


EXISTING TYPICAL SECTION

NW 54 AVENUE / NW 31 STREET  
SOUTH OF SAMPLE ROAD TO EAST OF SR 7 / US 441  
CITY OF MARGATE



# NW 54 Ave / NW 31 St - Existing



SHARED LANE MARKING TYPICAL SECTION

NW 54 AVENUE / NW 31 STREET  
 SOUTH OF SAMPLE ROAD TO EAST OF SR 7 / US 441  
 CITY OF MARGATE

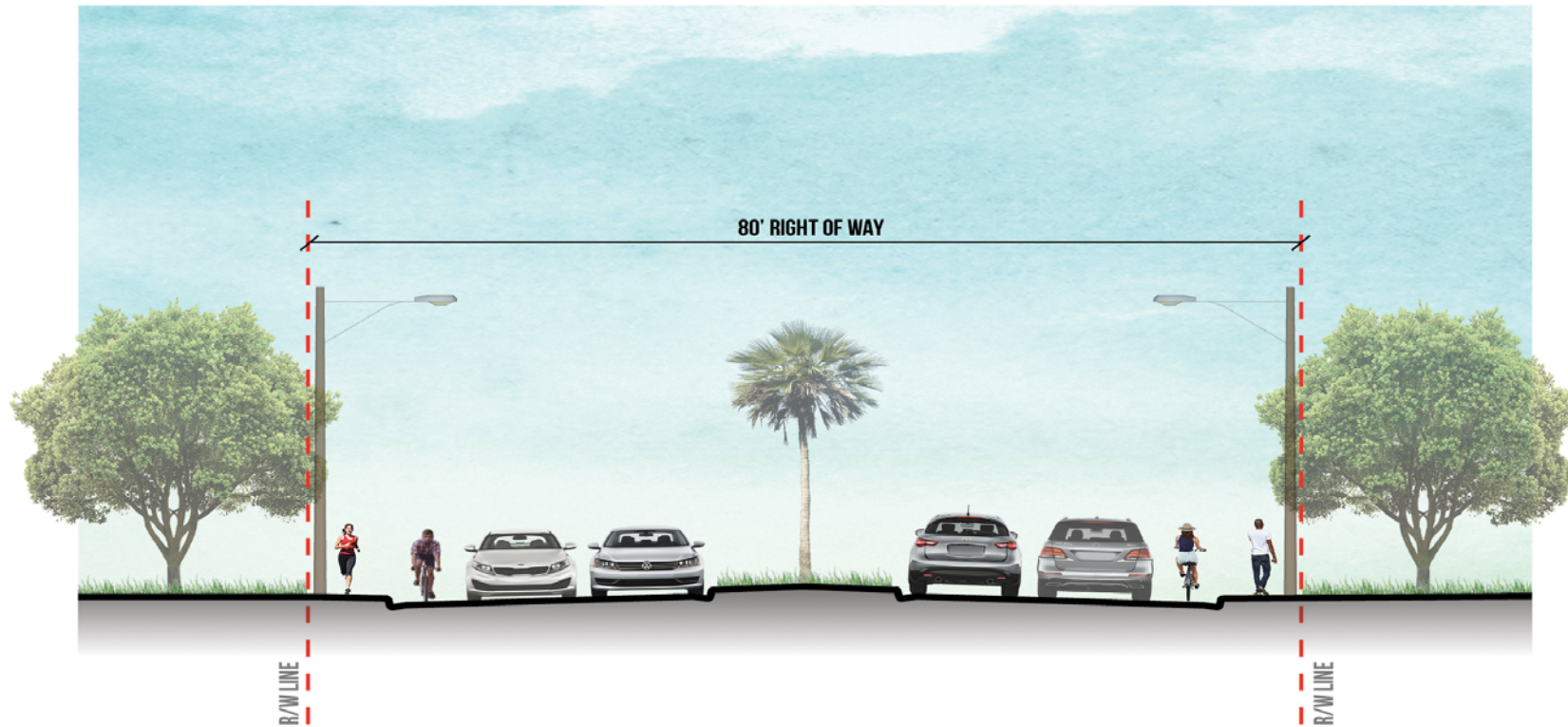


# NW 54 Ave / NW 31 St – SHARED LANE MARKINGS





NW 54 Ave / NW 31 St – SHARED LANE MARKINGS



10' - 11' - 4.5'

NW 54 AVENUE / NW 31 STREET  
SOUTH OF SAMPLE ROAD TO EAST OF SR 7 / US 441  
CITY OF MARGATE



# NW 54 Ave / NW 31 St – On Street Bicycle Lane





NW 54 Ave / NW 31 St – On Street Bicycle Lane

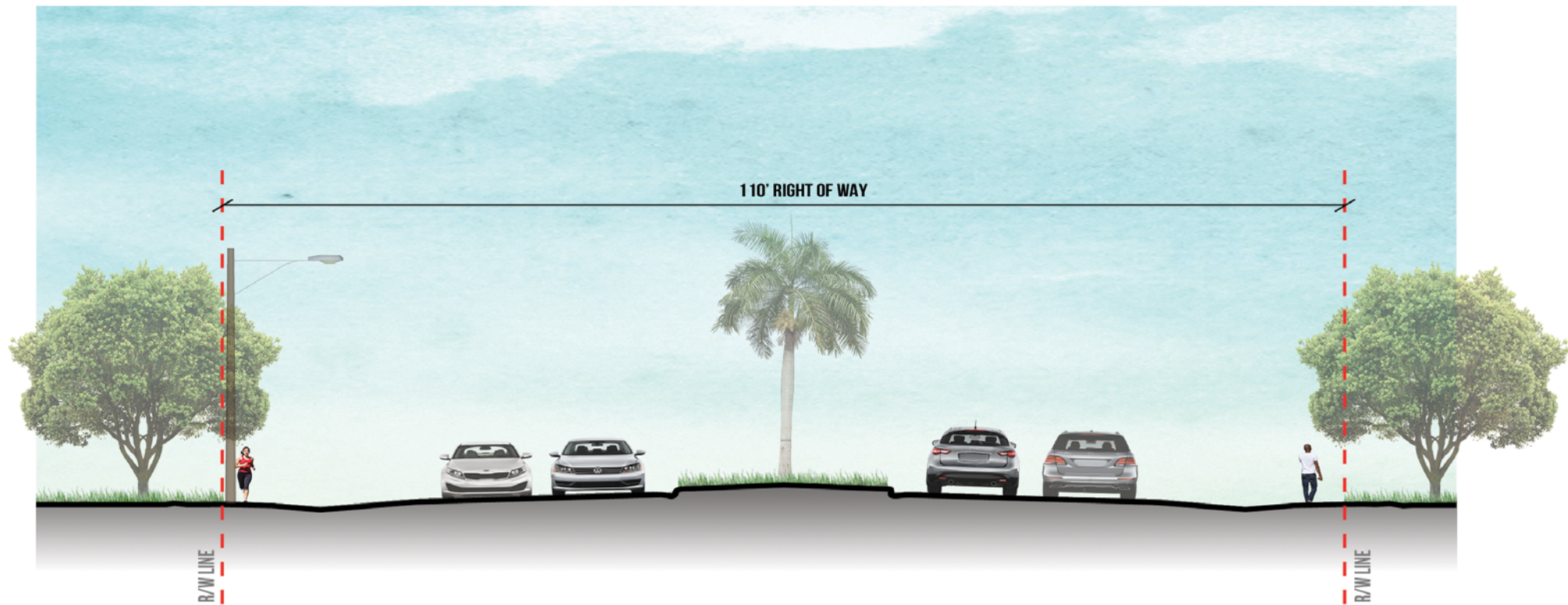
**FDOT requests that the city adopt a resolution to endorse and memorialize the city's support for the preferred concept.**

**WHEREAS,**

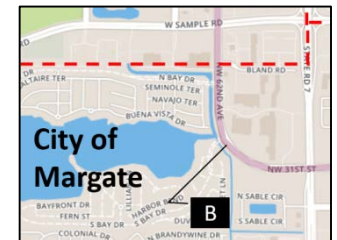
**The City Supports implementation of \_\_\_\_\_ Section A (NW 54<sup>th</sup> Avenue east of SR 7)**

- 1. Shared Lane Markings.**
- 2. On Street Bicycle Lanes (10'-11'-4.5').**

# **Request for Resolution**



**EXISTING TYPICAL SECTION**  
**NW 31 STREET/ NW 62 AVENUE**  
**WEST OF SR 7 / US 441 AND SOUTH OF SAMPLE ROAD**  
**CITY OF MARGATE**



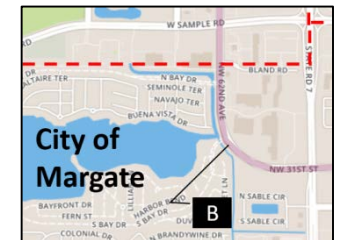
# NW 62 Ave / NW 31 St - Existing





10' - 11' - 4.5' OPTION

NW 31 STREET/ NW 62 AVENUE  
WEST OF SR 7 / US 441 TO SOUTH OF SAMPLE ROAD  
CITY OF MARGATE

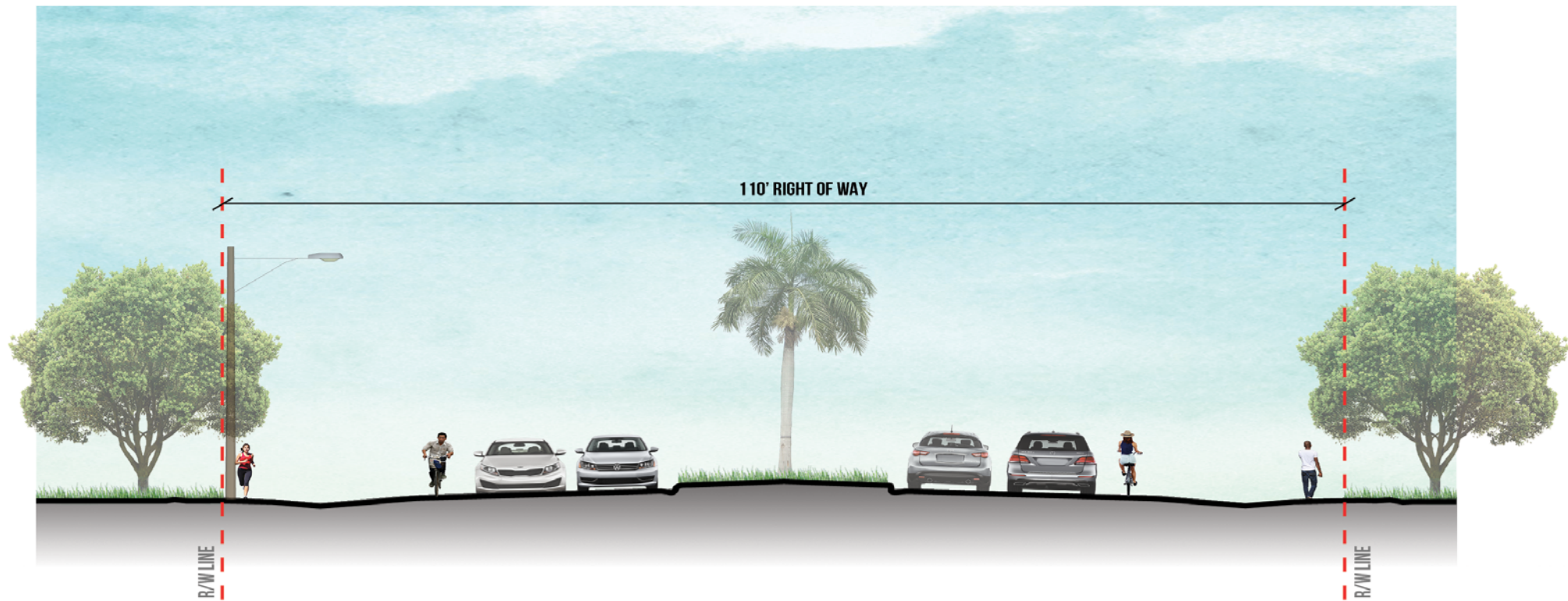


# NW 62 Ave / NW 31 St – On Street Bicycle Lane



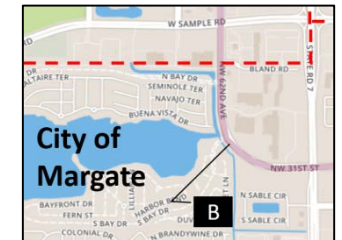


NW 62 Ave / NW 31 St – On Street Bicycle Lane



**BUFFERED BIKE LANE IMPROVEMENT OPTION TYPICAL SECTION**

**NW 31 STREET AT THE INTERSECTION ON  
WEST SIDE OF SR 7 / US 441  
CITY OF MARGATE**

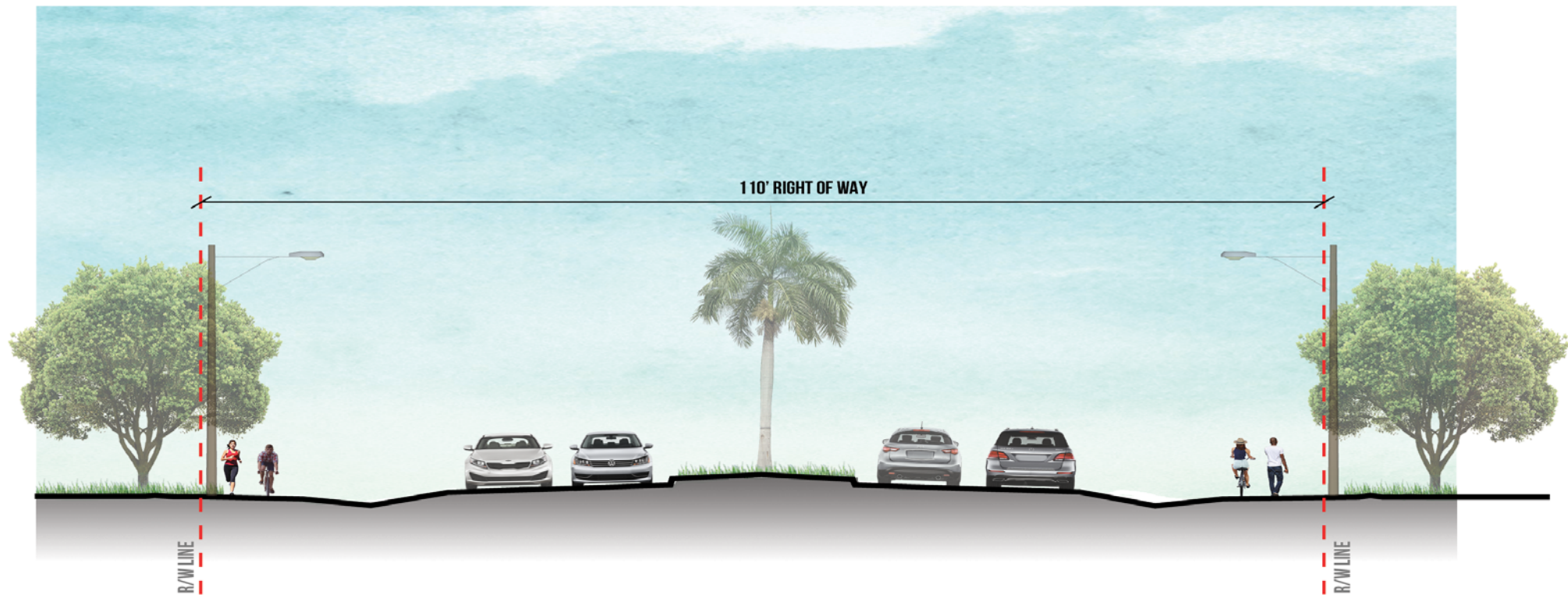


# NW 62 Ave / NW 31 St – Buffered Bike Lane



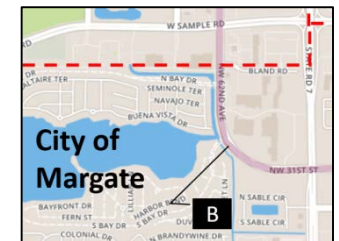
NW 62 Ave / NW 31 St – Buffered Bike Lane





SEPARATED BIKE LANE IMPROVEMENT OPTION TYPICAL SECTION

NW 31 STREET / NW 62 AVENUE  
WEST OF SR 7 / US 441 TO SOUTH OF SAMPLE ROAD  
CITY OF MARGATE



# NW 62 Ave / NW 31 St – Multi-Use Path





NW 62 Ave / NW 31 St – Multi-Use Path

**FDOT requests that the city adopt a resolution to endorse and memorialize the city's support for the preferred concept.**

**WHEREAS,**

**The City Supports implementation of \_\_\_\_\_ on Section B (NW 62<sup>nd</sup> Avenue west of SR 7)**

- 1. A Multi-Use Path.**
- 2. On Street Bicycle Lanes (10'-11-6') or (10'-11'-4.5') Recommended**

	Impact to existing Landscaping	Construction MOT impact	Impact to other Utilities (including city water)
Option 1, Multi-Use Path	Moderate	Moderate	High
Option 2, 4.5' Bike lane	Low	Low	Low
Option 2, 6' Bike lane	Moderate	Low	Moderate

**Request for Resolution**