

# MARTIN MPO

## COMPLETE STREETS: ACCESS TO TRANSIT STUDY



OVERVIEW OF COMPLETE STREETS CONCEPTS

MARTIN CRA BOARD PRESENTATION

JANUARY 2020

PROJECT FACILITATED BY TREASURE COAST REGIONAL PLANNING COUNCIL

IN PARTNERSHIP WITH ALTA PLANNING & DESIGN AND NORTHSTAR GEOMATICS

# What are Complete Streets?

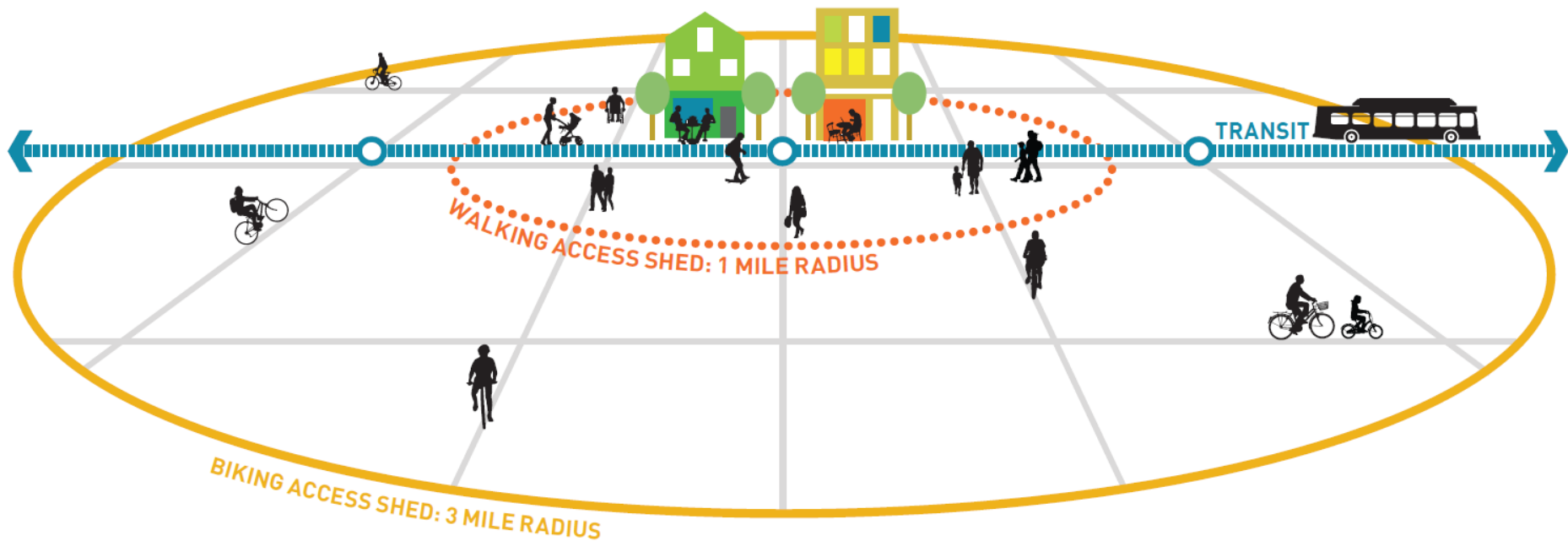
Complete Streets are streets for everyone.



They are designed and operated to enable safe access for all users, including pedestrians, bicyclists, transit riders, and motorists of all ages and abilities.

# Complete Streets Make Access to Transit ...

TRAVEL SHEDS:  
AN ORGANIZING PRINCIPLE



... safer and more convenient,  
comfortable, predictable & enjoyable.



# COMPLETE STREETS: ACCESS TO TRANSIT STUDY CATALOG OF POSSIBLE INTERVENTIONS



## TRANSIT ZONE



**TRANSIT STOP-CHARGING**  
CREDIT: GROWCHARGE.ORG



**TRANSIT SHELTER - BASIC**  
CREDIT: NACTO



**TRANSIT SHELTER-ENHANCED**  
CREDIT: NACTO



**"FLOATING" BUS STOP**  
CREDIT: TEGIN BENNETT



**TRANSIT STOP-MEDIAN**  
CREDIT: NACTO



**REAL-TIME ARRIVAL INFO**  
CREDIT: NACTO

## PEDESTRIAN ZONE



**MEDIAN REFUGE**  
CREDIT: FHWA



**LIGHTED CROSSWALK**  
CREDIT: HOWARD INDUSTRIES



**PROTECTED CROSSWALK**  
CREDIT: EPA.GOV



**TEXTURED CROSSWALK**  
CREDIT: LANDSAVER



**MULTI-USE PATH**  
CREDIT: CITY OF FORT LAUDERDALE



**EXTENDED CURB**  
CREDIT: SEATTLE.GOV

## BIKEWAY ZONE



**SHARROW**  
CREDIT: SUN SENTINEL



**STANDARD BIKE LANE**  
CREDIT: MIAMI SAFE STREETS SUMMIT



**BUFFERED BIKE LANE**  
CREDIT: MIAMI SAFE STREETS SUMMIT



**PROTECTED BIKE LANE**  
CREDIT: CITY OF ARLINGTON, VIRGINIA



**SEPARATED BIKE LANE**  
CREDIT: CAMBRIDGE, MA



**CYCLE TRACK (2 WAY)**  
CREDIT: CITY OF TAMPA

## TRAFFIC CALMING



**ROUNDBOUT**  
CREDIT: STUART MAIN STREET



**MEDIAN**  
CREDIT: TCRPC



**BULB-OUT**  
CREDIT:



**ON-STREET PARKING**  
CREDIT: NACTO



**SPEED TABLE**  
CREDIT: TCRPC



**ROTARY (SMALL)**  
CREDIT: TCRPC



**CHICANE**  
CREDIT: SFBETTERSTREETS.ORG



**PINCH POINT**  
CREDIT: CITY OF WEST PALM

## FURNISHING ZONE



**WATER FOUNTAINS**  
CREDIT: MIAMI BEACH TIMES



**SIDEWALK DESIGNS**  
CREDIT: CITY OF FORT LAUDERDALE



**STREET TREES**  
CREDIT: GOULD EVANS



**PARKLET**  
CREDIT: STUART MAIN STREET



**STREET FURNITURE**  
CREDIT: SFBETTERSTREETS.ORG



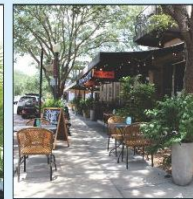
**PUBLIC ART**  
CREDIT: CITY OF WEST PALM BEACH



**BOLLARDS**  
CREDIT: LIGHT GUARD SYSTEMS



**PEDESTRIAN LIGHTING**  
CREDIT: STUART MAIN STREET



**SIDEWALK DINING**  
CREDIT: DESTINATION MAIN STREETS



**BIKE PARKING**  
CREDIT: TCRPC



# SE Palm Beach Road (Stuart)



## **EXISTING CONDITIONS: 2-LANE SUBURBAN ROADWAY - SE PALM BEACH ROAD**



IMAGE 1 - SOUTH OF THE INTERSECTION OF SE PALM BEACH ROAD AND SE OCEAN BOULEVARD



IMAGE 2 - SE PALM BEACH ROAD NORTH OF MARTIN LUTHER KING JR. BOULEVARD



IMAGE 3 - INTERSECTION OF SE PALM BEACH ROAD AND SE 10TH STREET



IMAGE 4 - INTERSECTION OF SE PALM BEACH ROAD AND EAST 14TH STREET

## **COMPLETE STREETS: POSSIBLE INTERVENTIONS**



**BUFFERED BIKE LANE**  
CREDIT: BIKE FLORIDA



**BIOSWALE**  
CREDIT: EPA.GOV



**SHADE TREES**  
CREDIT: GOULD EVANS



**LIGHTED CROSSWALK**  
CREDIT: HOWARD INDUSTRIES



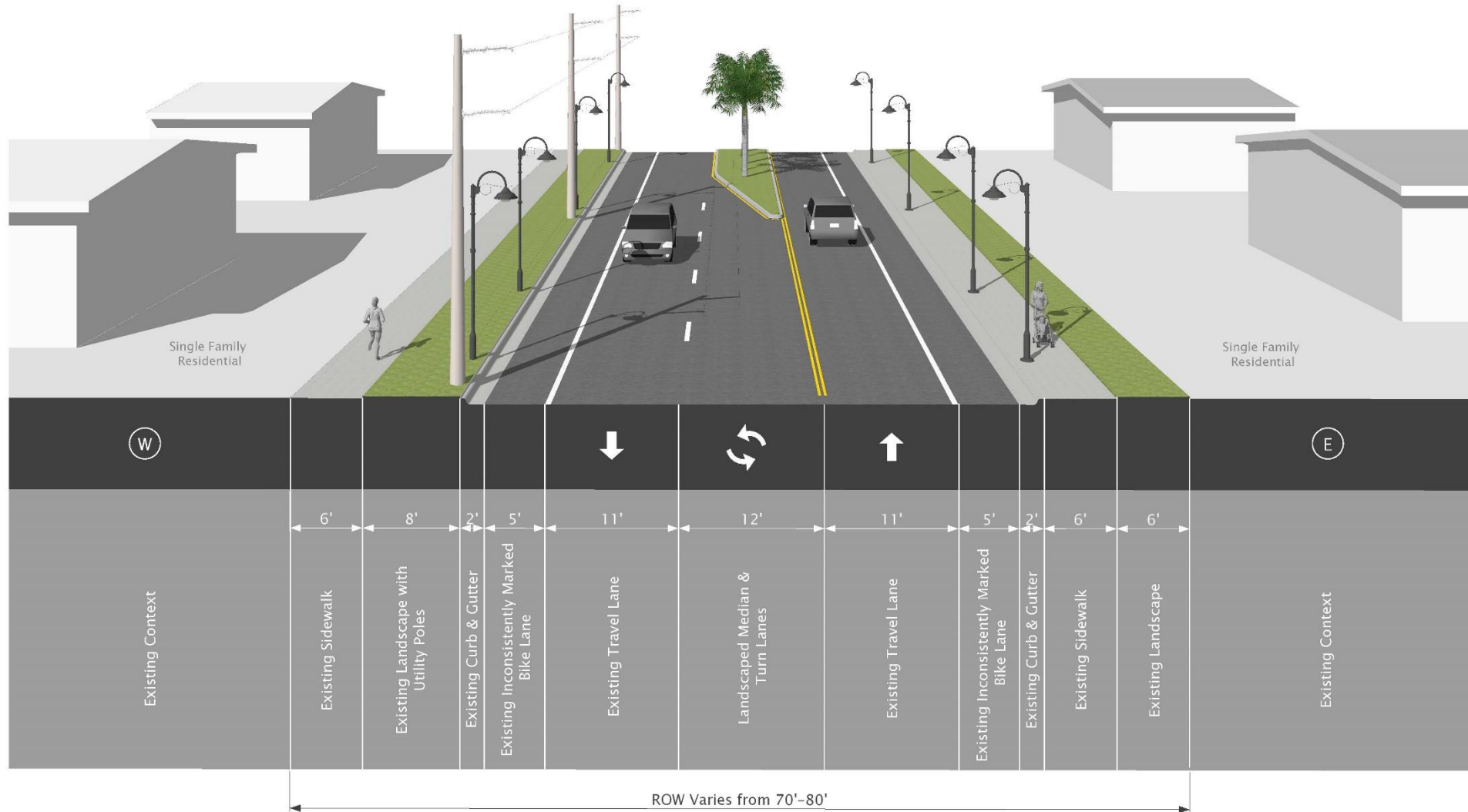
**STANDARD BIKE LANES**  
CREDIT: MIAMI SAFE STREETS SUMMIT



**MULTI-USE PATH**  
CREDIT: CITY OF FORT LAUDERDALE

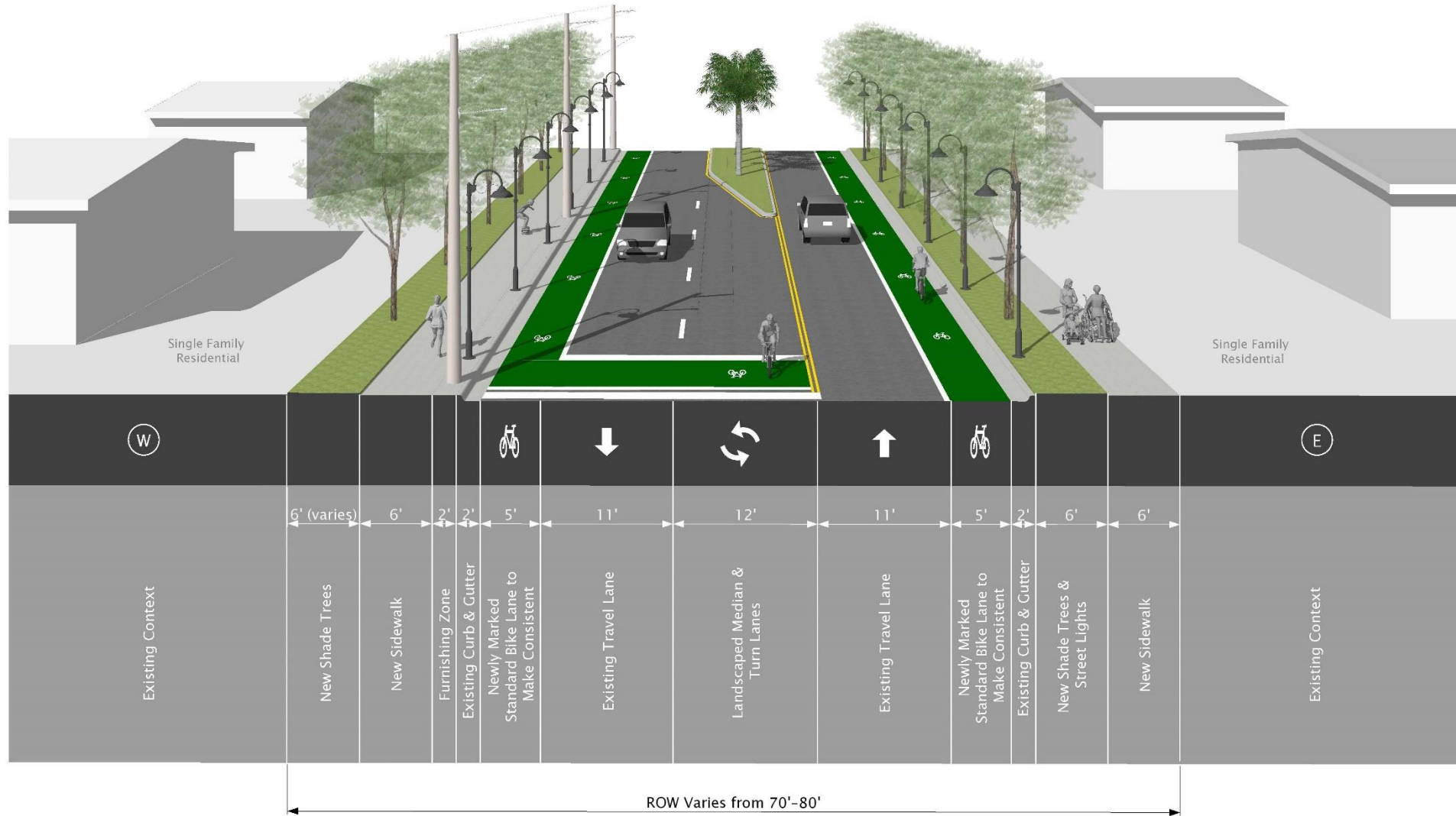


Martin MPO Complete Streets: Access to Transit  
 Existing Conditions of SE Palm Beach Road  
 View Looking North (Near 10th Street)





Martin MPO Complete Streets: Access to Transit  
 Conceptual Diagram of SE Palm Beach Road  
 View Looking North (Near 10th Street)



# SE Christie Way



## EXISTING CONDITIONS:

### 2-LANE SUBURBAN ROADWAY - SE CHRISTIE WAY



IMAGE 1 - INTERSECTION OF SE CHRISTIE WAY AND ARAPAHO AVENUE



IMAGE 2 - INTERSECTION OF SE CHRISTIE WAY AND ARAPAHO AVENUE

## COMPLETE STREETS: POSSIBLE INTERVENTIONS



TEXTURED CROSSWALK  
CREDIT: LANDSAVER



PROTECTED CROSSWALK  
CREDIT: EPA.GOV



SHADE TREES  
CREDIT: GOULD EVANS



PEDESTRIAN LIGHTING  
CREDIT: STUART MAIN STREET



MULTI-USE PATH  
CREDIT: CITY OF FORT LAUDERDALE

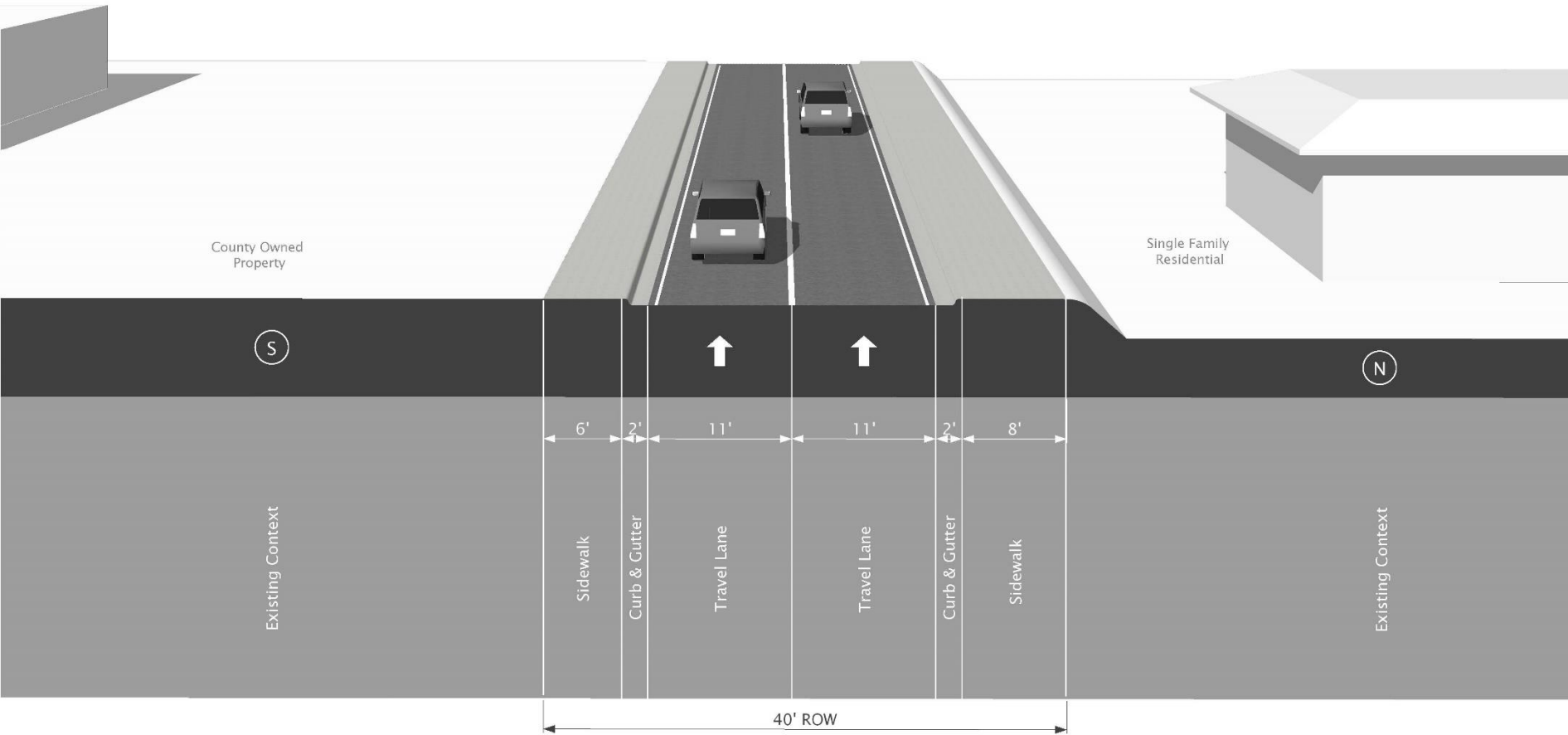


BUFFERED BIKE LANE  
CREDIT: BIKE FLORIDA

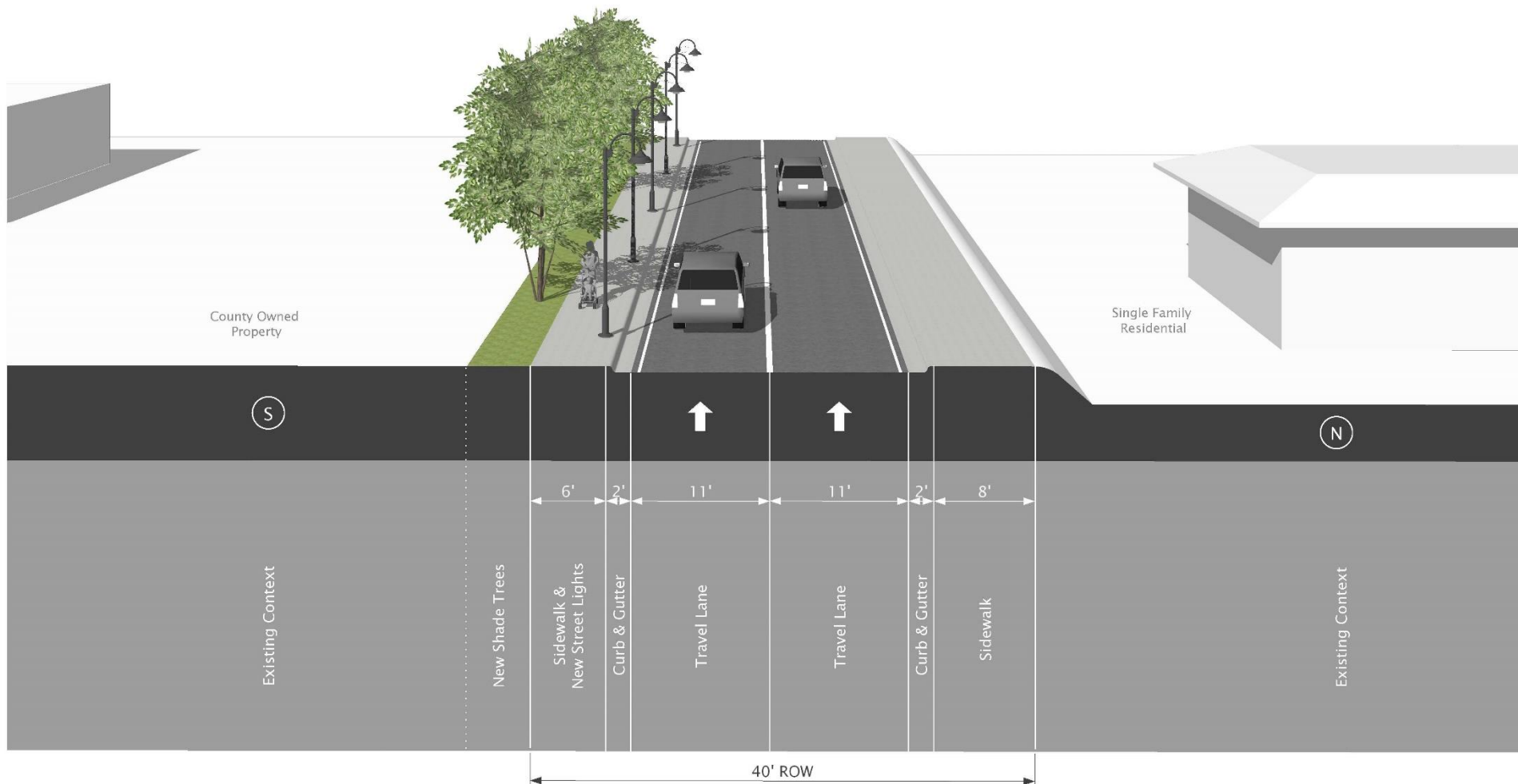




Martin MPO Complete Streets: Access to Transit  
Existing Conditions of SE Christie Way  
*View Looking West*



Martin MPO Complete Streets: Access to Transit  
Conceptual Diagram of SE Christie Way  
*View Looking West*





# SE Cove Road (Stuart)



## EXISTING CONDITIONS:

### 2-LANE URBAN ROADWAY - SE COVE ROAD EXAMPLE



IMAGE 1 - SE COVE ROAD AND SE 47TH AVENUE



IMAGE 2 - APPROACHING THE INTERSECTION OF  
SE COVE ROAD AND SE DRIFTWOOD AVENUE



IMAGE 3 - SE COVE ROAD AND SE EBBTIDE AVENUE  
NEAR REVIVE CHURCH



IMAGE 4 - SE COVE ROAD EAST OF US-1

## COMPLETE STREETS:

### POSSIBLE INTERVENTIONS



"FLOATING" BUS STOP  
CREDIT: TEGIN BENNETT



ROUNDABOUT  
CREDIT: DOT



SEPARATED BIKE LANE  
CREDIT: RURAL DESIGN GUIDE



LIGHTED CROSSWALK  
CREDIT: HOWARD INDUSTRIES



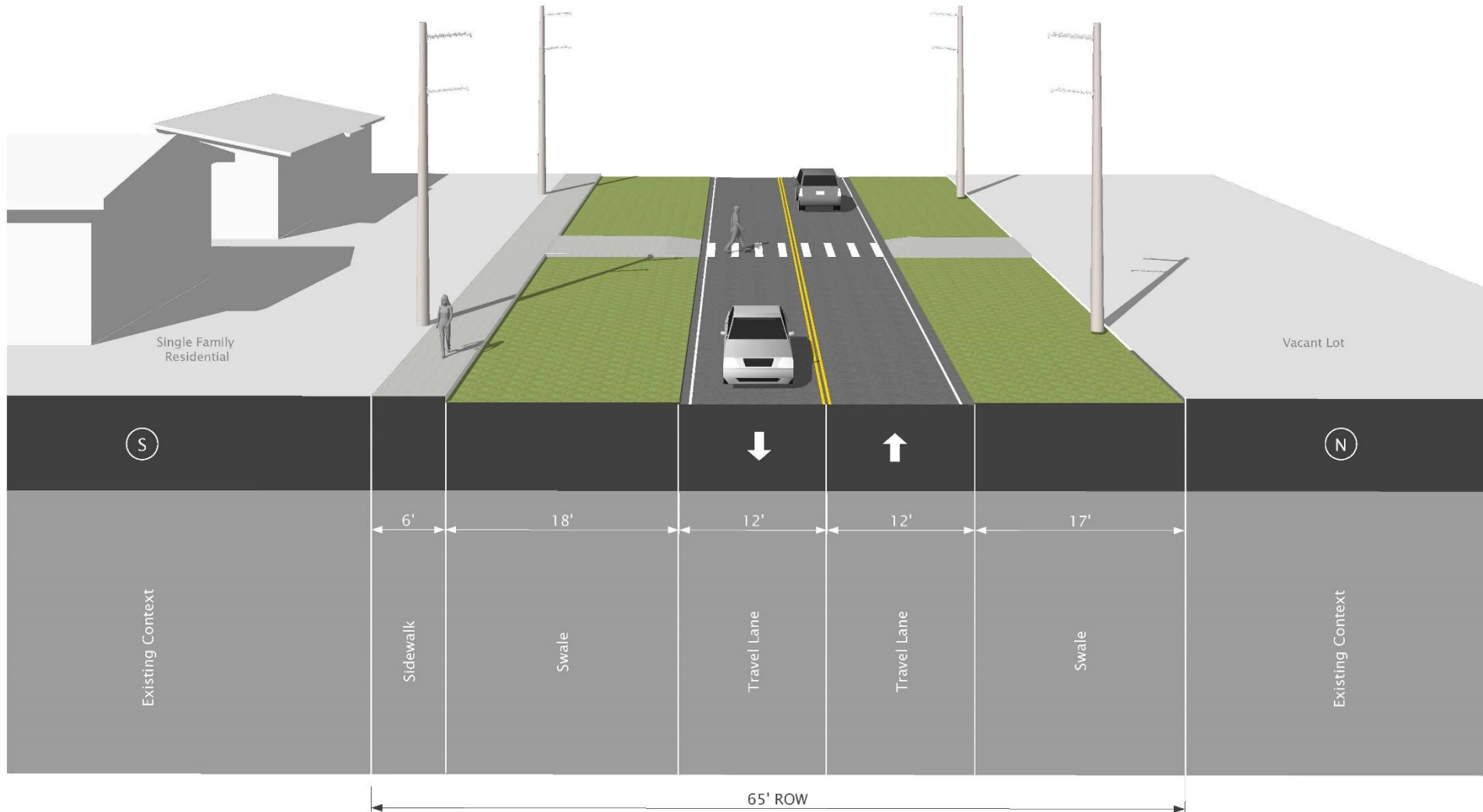
MULTI-USE PATH  
CREDIT: CITY OF FORT LAUDERDALE



BUFFERED BIKE LANE  
CREDIT: BIKE FLORIDA

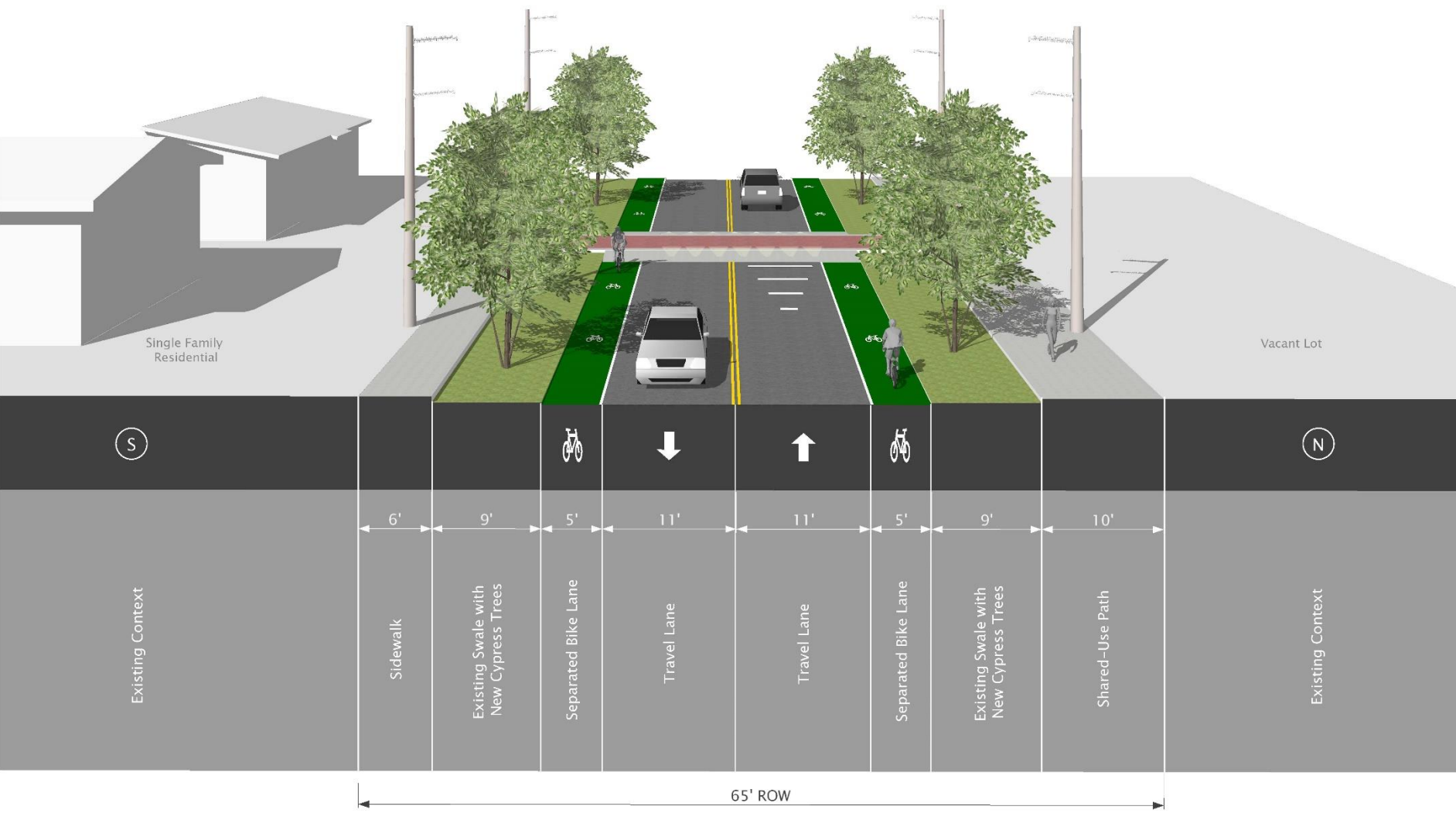


Martin MPO Complete Streets: Access to Transit  
Existing Conditions of SE Cove Road  
*View Looking West (Near 48th Avenue)*





Martin MPO Complete Streets: Access to Transit  
Conceptual Diagram of SE Cove Road  
View Looking West (Near 48th Avenue)



# SE Salerno Road (Port Salerno)



## **EXISTING CONDITIONS: 2-LANE URBAN ROADWAY - SE SALERNO ROAD**



IMAGE 1 - INTERSECTION OF SE SALERNO ROAD AND RAILWAY AVENUE



IMAGE 2 - INTERSECTION OF SE SALERNO ROAD AND SE COMMERCE AVENUE



IMAGE 3 - SE SALERNO ROAD EAST OF GROUPER AVENUE



IMAGE 4 - SE SALERNO ROAD WEST OF KINGFISH AVENUE

## **COMPLETE STREETS: POSSIBLE INTERVENTIONS**



PEDESTRIAN LIGHTING  
CREDIT: STUART MAIN STREET



BIOSWALE  
CREDIT: EPA.GOV



PROTECTED BIKE LANE  
CREDIT: CITY OF ARLINGTON, VA



LIGHTED CROSSWALK  
CREDIT: HOWARD INDUSTRIES



MULTI-USE PATH  
CREDIT: CITY OF FORT LAUDERDALE

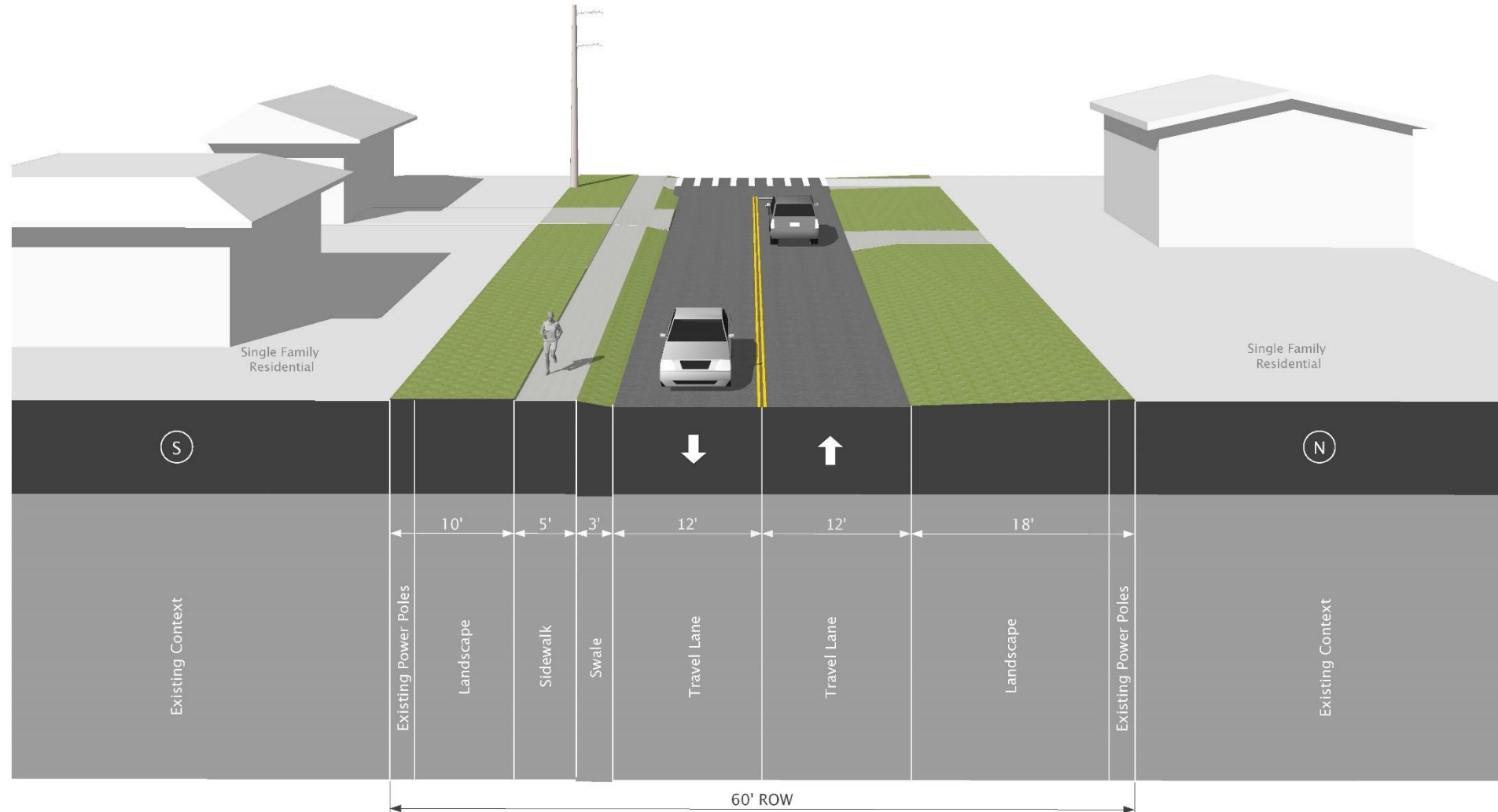


BUFFERED BIKE LANE  
CREDIT: BIKE FLORIDA



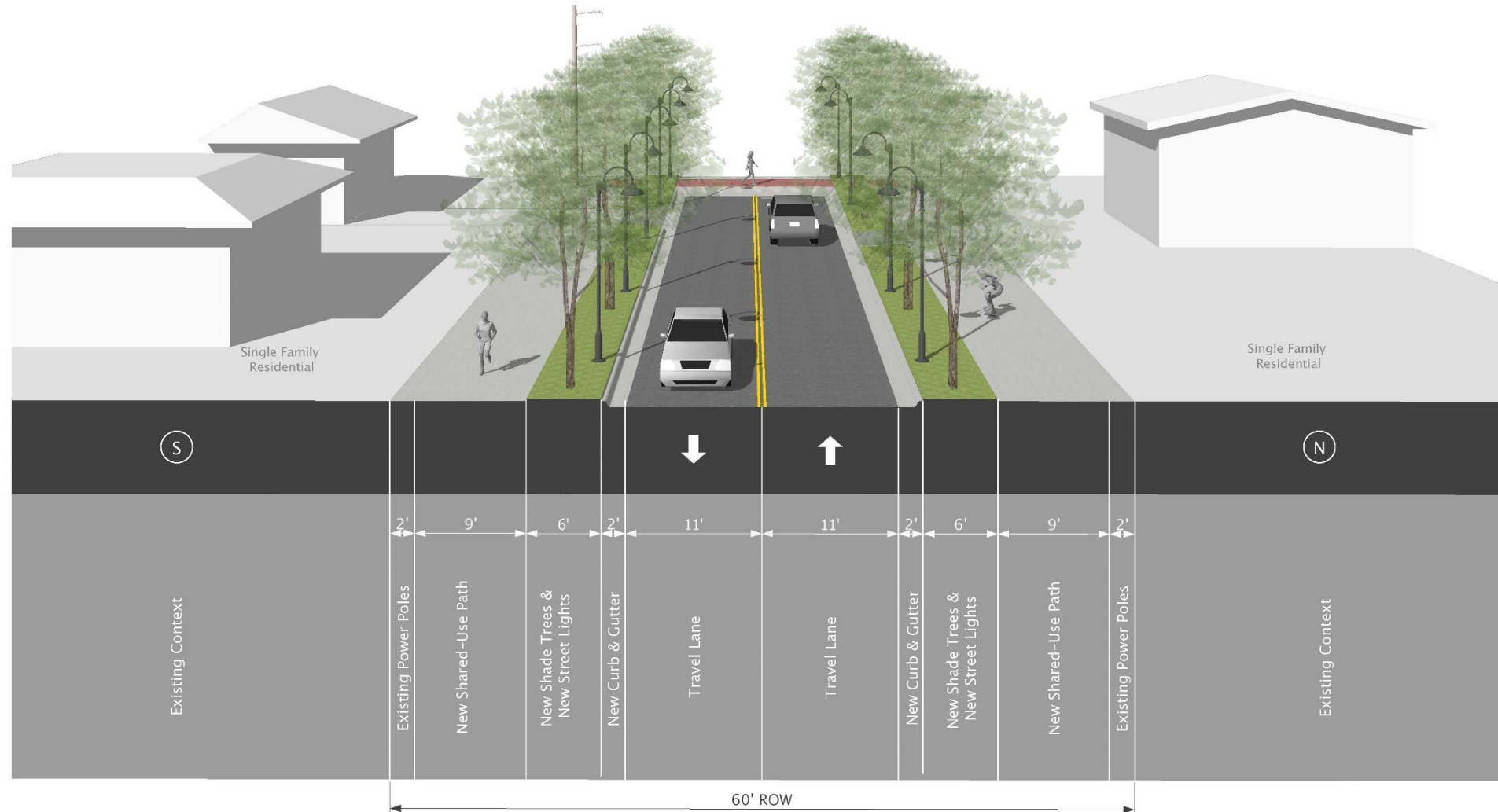


Martin MPO Complete Streets: Access to Transit  
Existing Conditions of SE Salerno Road  
*View Looking West (Near SE Flounder Avenue)*





Martin MPO Complete Streets: Access to Transit  
Conceptual Diagram of SE Salerno Road  
*View Looking West (Near SE Flounder Avenue)*



# SE Dixie Hwy (Port Salerno)



**EXISTING CONDITIONS:  
2-LANE URBAN ROADWAY - SE DIXIE HIGHWAY**



IMAGE 1 - NEAR THE INTERSECTION OF SE DIXIE HIGHWAY AND SE SALERNO ROAD



IMAGE 2 - SE DIXIE HIGHWAY NEAR THE ENTRANCE OF MANATEE MARINA



IMAGE 3 - INTERSECTION OF SE DIXIE HIGHWAY AND SE ANCHOR AVENUE



IMAGE 4 - INTERSECTION OF SE DIXIE HIGHWAY AND SE COMPASS WAY

**COMPLETE STREETS:  
POSSIBLE INTERVENTIONS**



**BUFFERED BIKE LANE**  
CREDIT: BIKE FLORIDA



**BIOSWALE**  
CREDIT: EPA.GOV



**SHADE TREES**  
CREDIT: GOULD EVANS



**ENHANCED TRANSIT SHELTER**  
CREDIT: TEGIN BENNETT



**STANDARD BIKE LANES**  
CREDIT: MIAMI SAFE STREETS SUMMIT

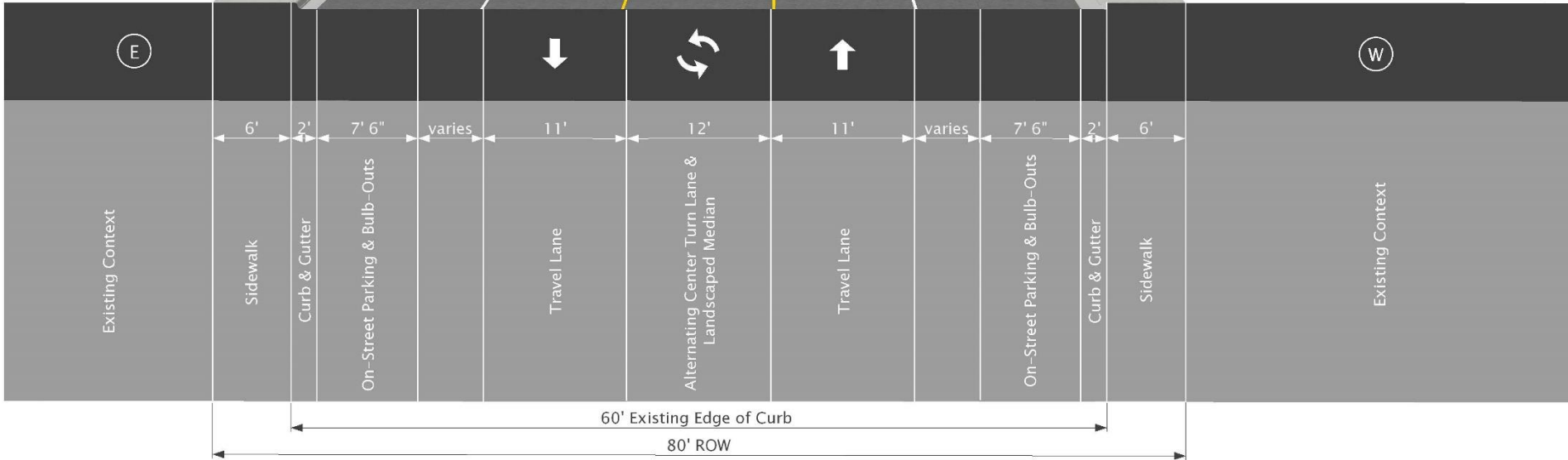


**MULTI-USE PATH**  
CREDIT: CITY OF FORT LAUDERDALE

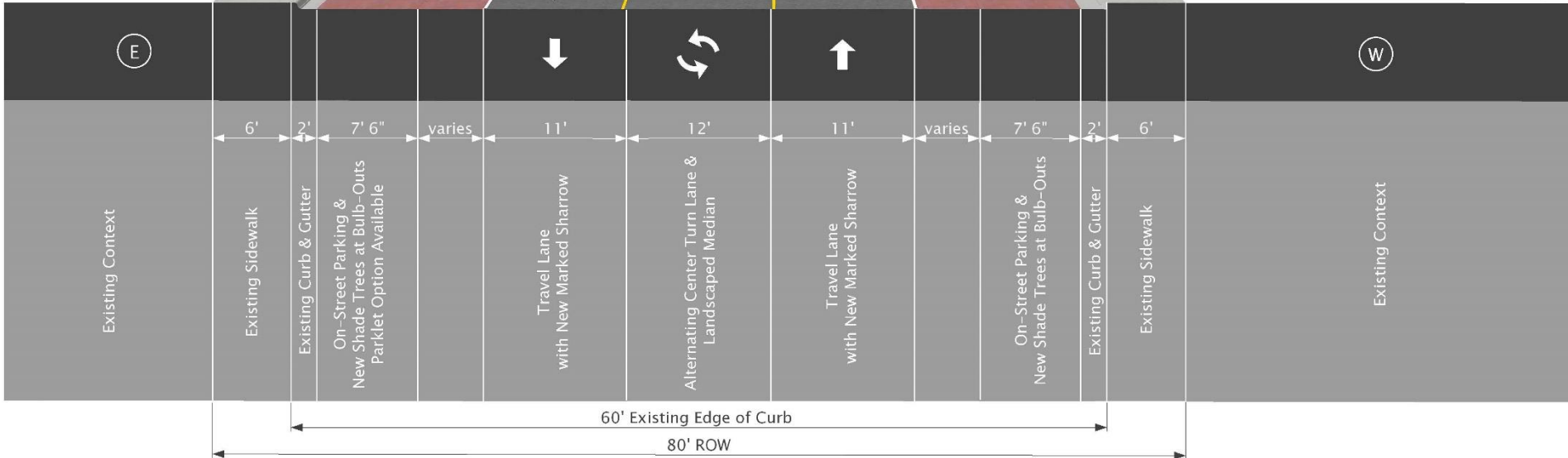




Martin MPO Complete Streets: Access to Transit  
Existing Conditions of SE Dixie in Salerno  
View Looking South (Near Manatee Marina)



Martin MPO Complete Streets: Access to Transit  
 Conceptual Diagram of SE Dixie in Salerno  
 View Looking South (Near Manatee Marina)





# SE Ebbtide Avenue (Port Salerno)



## EXISTING CONDITIONS: 2-LANE SUBURBAN ROADWAY - SE EBBTIDE AVENUE



IMAGE 1 - INTERSECTION OF SE EBBTIDE AVENUE AND SE COVE ROAD



IMAGE 2 - SE EBBTIDE AVENUE NORTHWEST OF SE LEE STREET



IMAGE 3 - INTERSECTION OF SE EBBTIDE AVENUE AND SE GRANT STREET



IMAGE 4 - SE EBBTIDE AVENUE AS IT CROSSES THE EBBTIDE AVENUE BRIDGE

## COMPLETE STREETS: POSSIBLE INTERVENTIONS



**BUFFERED BIKE LANE**  
CREDIT: BIKE FLORIDA



**BIOSWALE**  
CREDIT: EPA.GOV



**SHADE TREES**  
CREDIT: GOULD EVANS



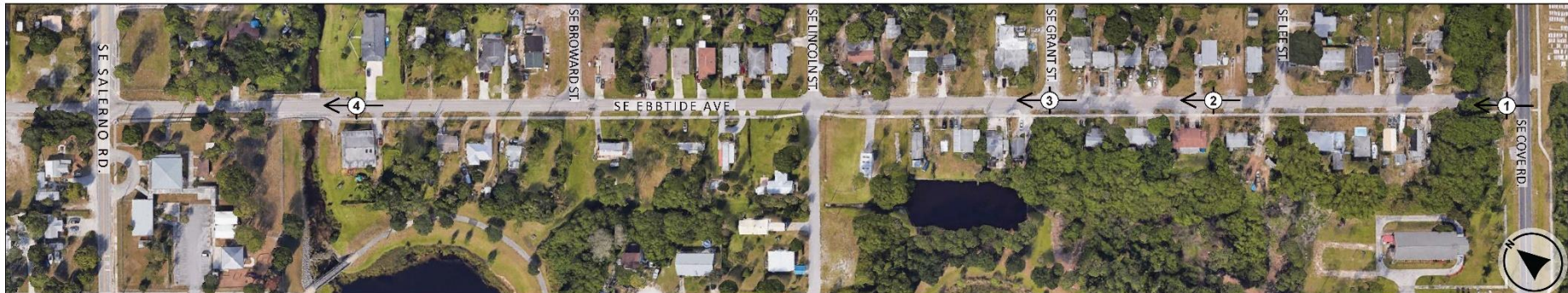
**PEDESTRIAN LIGHTING**  
CREDIT: STUART MAIN STREET



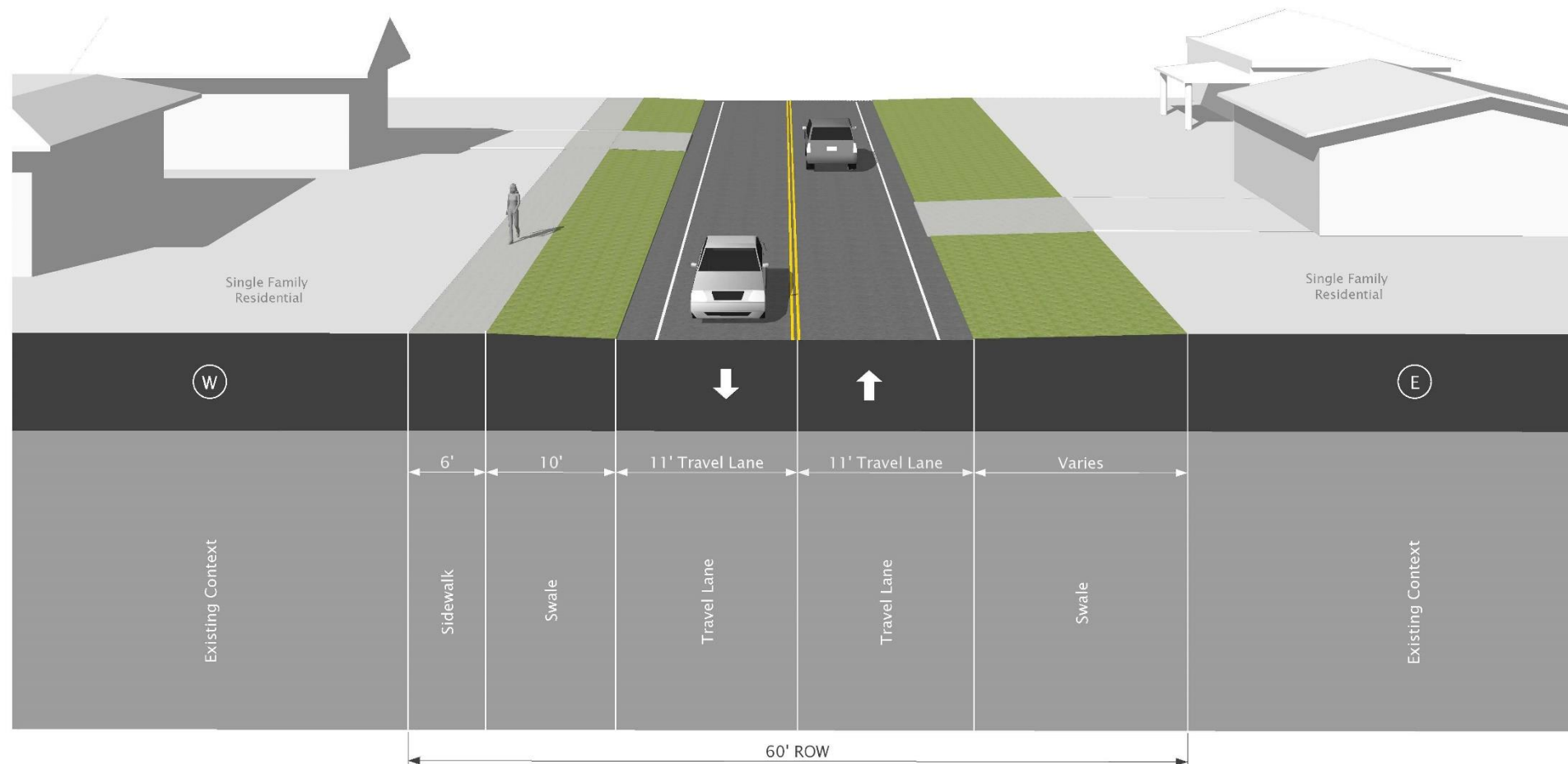
**STANDARD BIKE LANES**  
CREDIT: MIAMI SAFE STREETS SUMMIT



**MULTI-USE PATH**  
CREDIT: CITY OF FORT LAUDERDALE

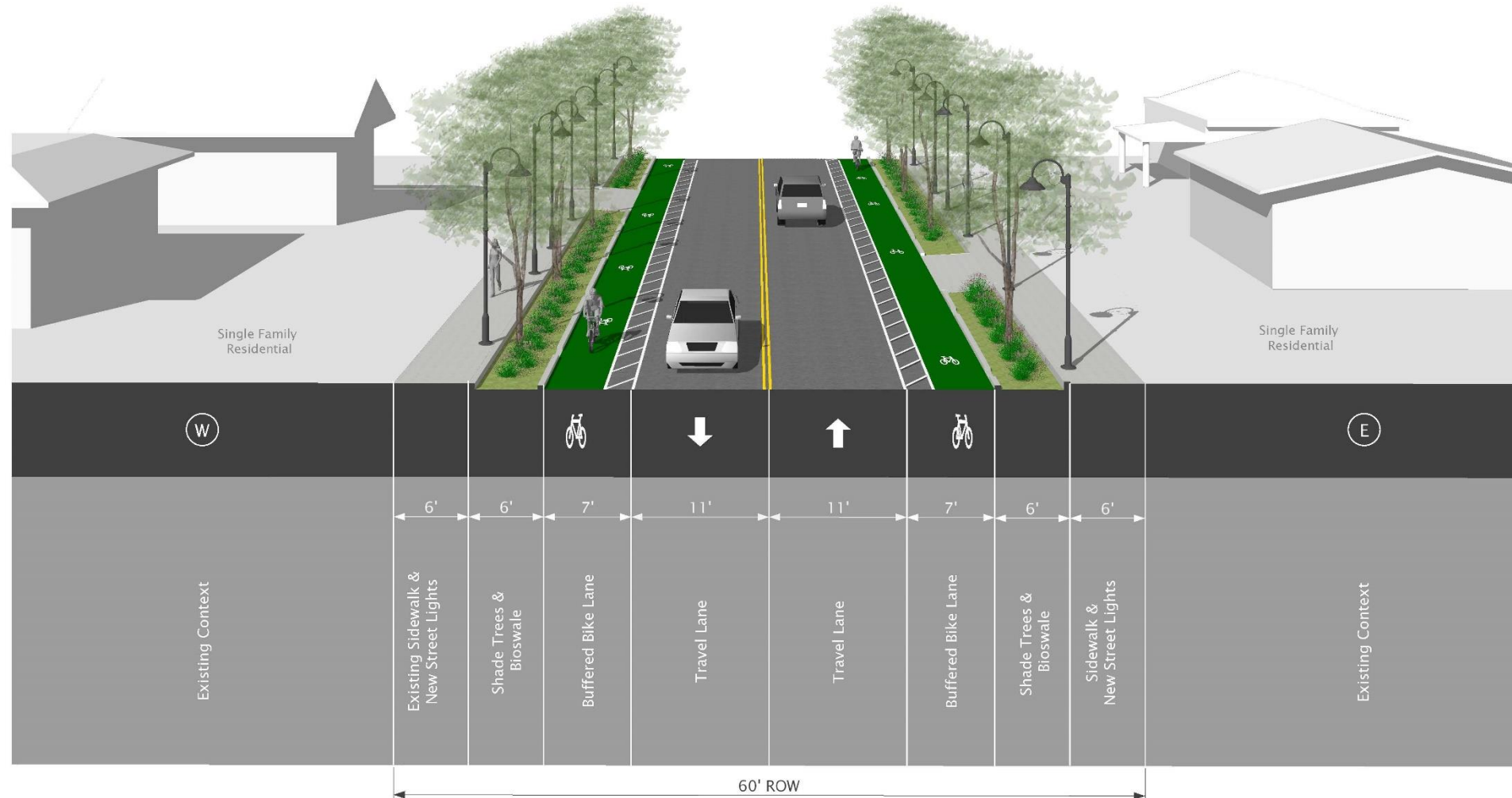


Martin MPO Complete Streets: Access to Transit  
Existing Conditions of SE Ebbtide Avenue  
View Looking North (Near Between SE Salerno Road & SE Cove Road)





Martin MPO Complete Streets: Access to Transit  
**Conceptual Diagram of SE Ebbtide Avenue**  
*View Looking North (Near Between SE Salerno Road & SE Cove Road)*



# SW Palm City Road (Stuart)



**EXISTING CONDITIONS:  
2-LANE SUBURBAN ROADWAY - SW PALM CITY ROAD**



IMAGE 1 - APPROACHING THE INTERSECTION OF SW PALM CITY ROAD AND US 1



IMAGE 2 - SW PALM CITY ROAD JUST BEFORE PLAZA ENTRANCE



IMAGE 3 - SW PALM CITY ROAD AND POPPLETON CREEK



IMAGE 4 - SW PALM CITY ROAD SOUTH OF POPPLETON CREEK

**COMPLETE STREETS:  
POSSIBLE INTERVENTIONS**



PEDESTRIAN LIGHTING  
CREDIT: STUART MAIN STREET



ROUNDABOUT  
CREDIT: DOT



TRAFFIC CALMING PINCH POINT  
CREDIT: CITY OF WEST PALM BEACH



LIGHTED CROSSWALK  
CREDIT: HOWARD INDUSTRIES



MULTI-USE PATH  
CREDIT: CITY OF FORT LAUDERDALE

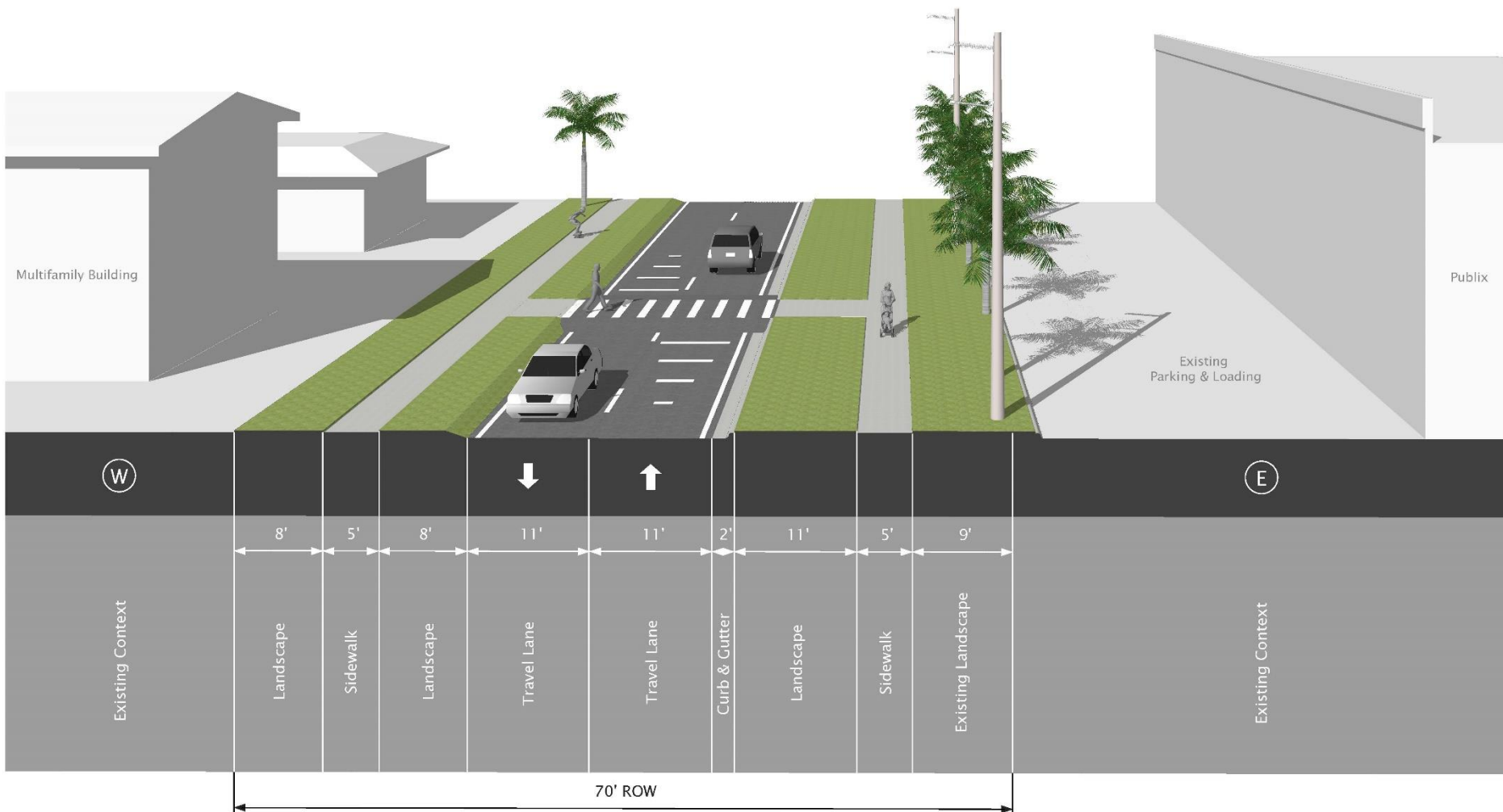


BUFFERED BIKE LANE  
CREDIT: BIKE FLORIDA

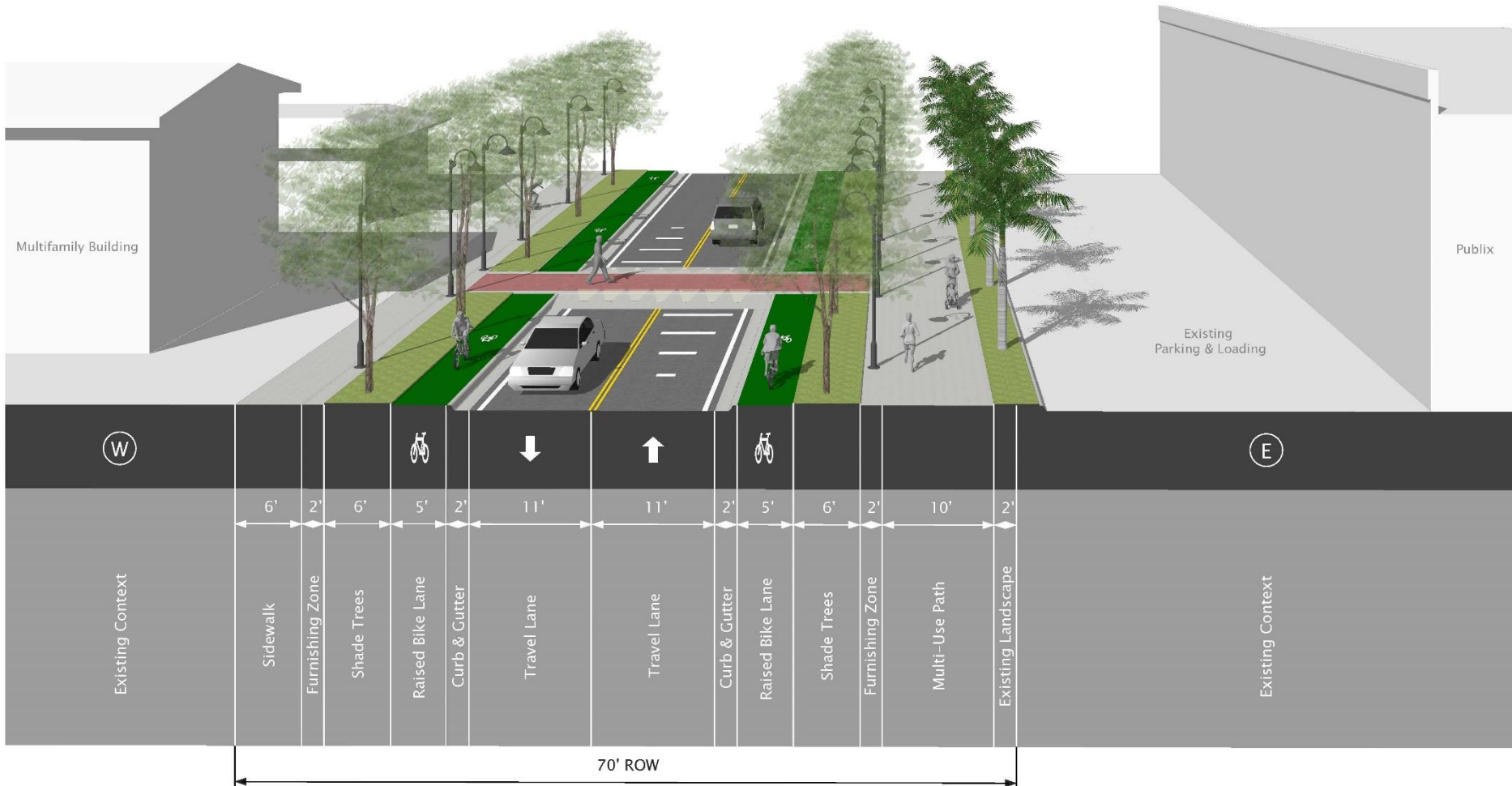




Martin MPO Complete Streets: Access to Transit  
 Existing Conditions of SE Palm City Road  
 View Looking North (Near SW Halpatiokee Street)



Martin MPO Complete Streets: Access to Transit  
 Conceptual Diagram of SE Palm City Road  
 View Looking North (Near SW Halpatiokee Street)





# SE Monterey Road (Stuart)



## EXISTING CONDITIONS:

### 5-LANE COMMERCIAL CORRIDOR - MONTEREY ROAD



IMAGE 1 - INTERSECTION OF SE MONTEREY ROAD AND SE WILLOUGHBY BLVD.



IMAGE 2 - SE MONTEREY ROAD APPROACHING THE INTERSECTION OF KANNER HIGHWAY



IMAGE 3 - INTERSECTION OF SE MONTEREY ROAD AND KANNER HIGHWAY



IMAGE 4 - SW MONTEREY ROAD APPROACHING SW PALM CITY ROAD

## COMPLETE STREETS:

### POSSIBLE INTERVENTIONS



PEDESTRIAN LIGHTING  
CREDIT: STUART MAIN STREET



BIOSWALE  
CREDIT: EPA.GOV



PROTECTED BIKE LANE  
CREDIT: CITY OF ARLINGTON, VA



LIGHTED CROSSWALK  
CREDIT: HOWARD INDUSTRIES



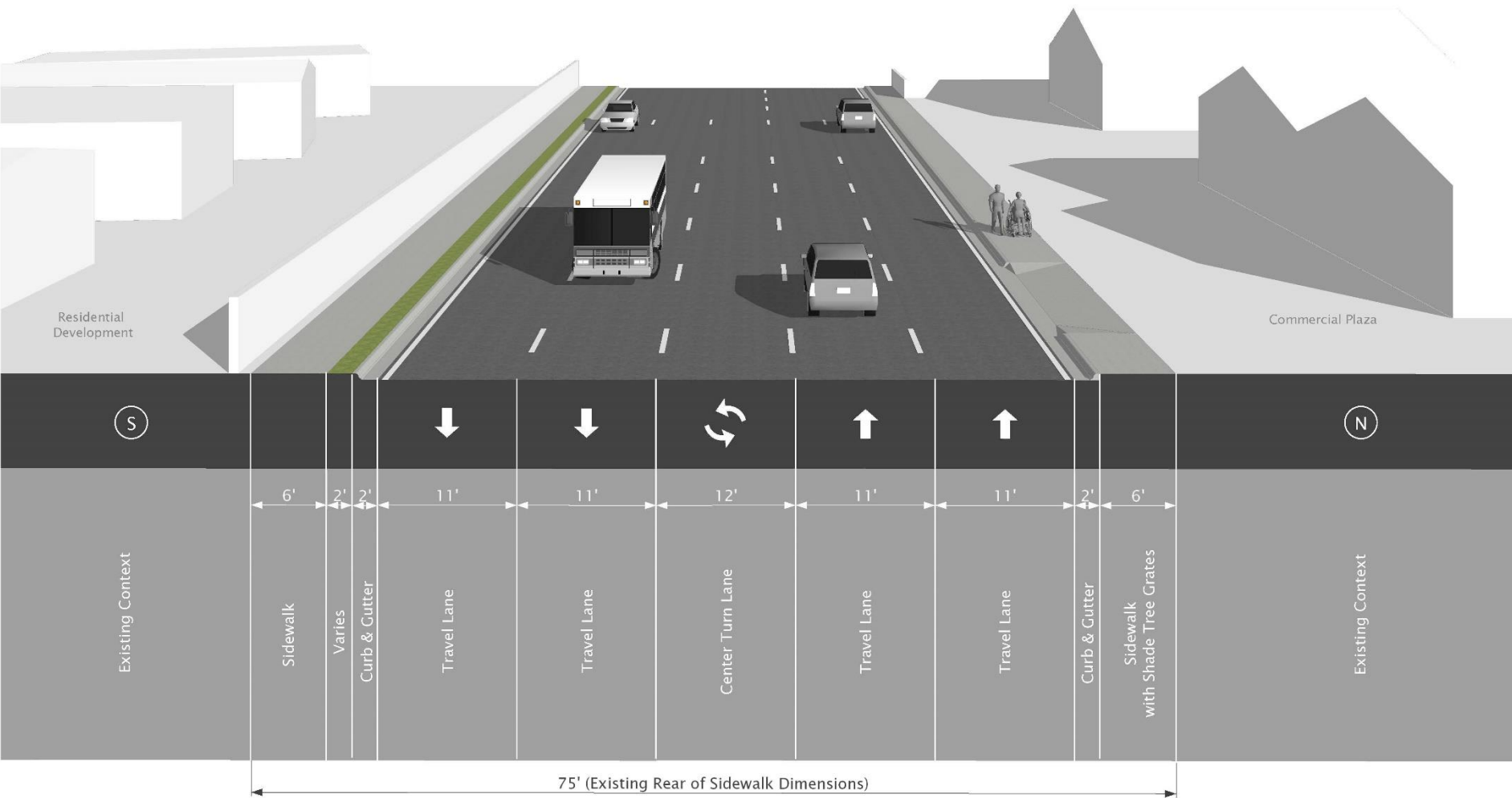
MULTI-USE PATH  
CREDIT: CITY OF FORT LAUDERDALE



BUFFERED BIKE LANE  
CREDIT: BIKE FLORIDA

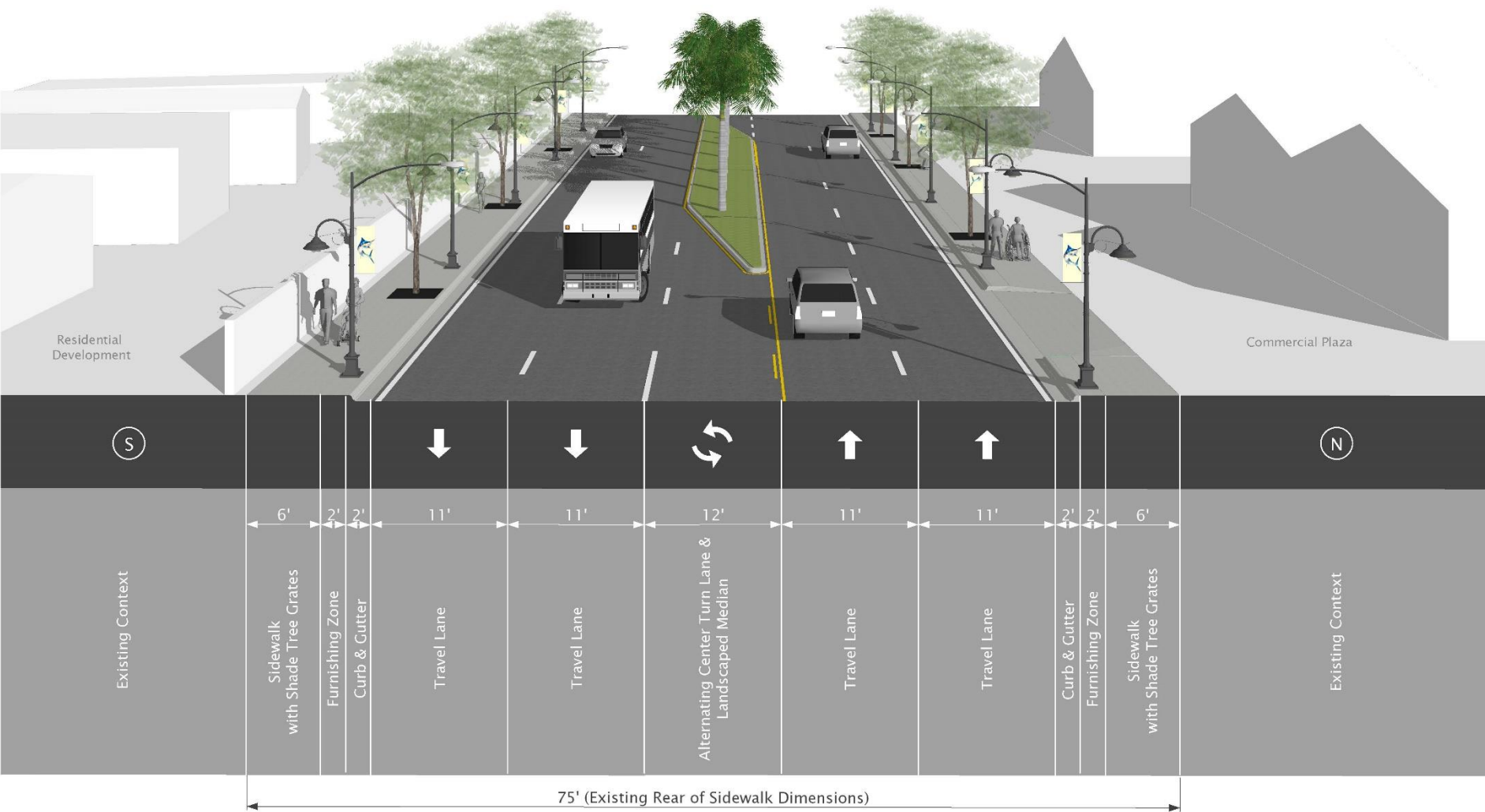


Martin MPO Complete Streets: Access to Transit  
 Existing Conditions of SE Monterey Road  
*View Looking West (Near SE Trafalgar Terrace)*





Martin MPO Complete Streets: Access to Transit  
 Conceptual Diagram of SE Monterey Road  
 View Looking West (Near SE Trafalgar Terrace)



# SE Dixie Highway (Golden Gate)



**EXISTING CONDITIONS:  
5-LANE COMMERCIAL CORRIDOR - SE DIXIE HIGHWAY**



IMAGE 1 - NEAR THE INTERSECTION OF  
SE INDIAN STREET AND SE DIXIE HIGHWAY



IMAGE 2 - NEAR THE INTERSECTION OF  
SE DIXIE HIGHWAY AND SE BONITA STREET



IMAGE 3 - NEAR THE INTERSECTION OF  
SE DIXIE HIGHWAY AND SE ELLENDALE STREET



IMAGE 4 - NEAR THE INTERSECTION OF  
SE DIXIE HIGHWAY AND SE KENSINGTON STREET

**COMPLETE STREETS:  
POSSIBLE INTERVENTIONS**



**BUFFERED BIKE LANE**  
CREDIT: BIKE FLORIDA



**LIGHTED CROSSWALK**  
CREDIT: HOWARD INDUSTRIES



**SHADE TREES**  
CREDIT: GOULD EVANS



**MEDIAN REFUGE**  
CREDIT: FHWA



**PROTECTED BIKE LANE**  
CREDIT: CITY OF ARLINGTON, VA

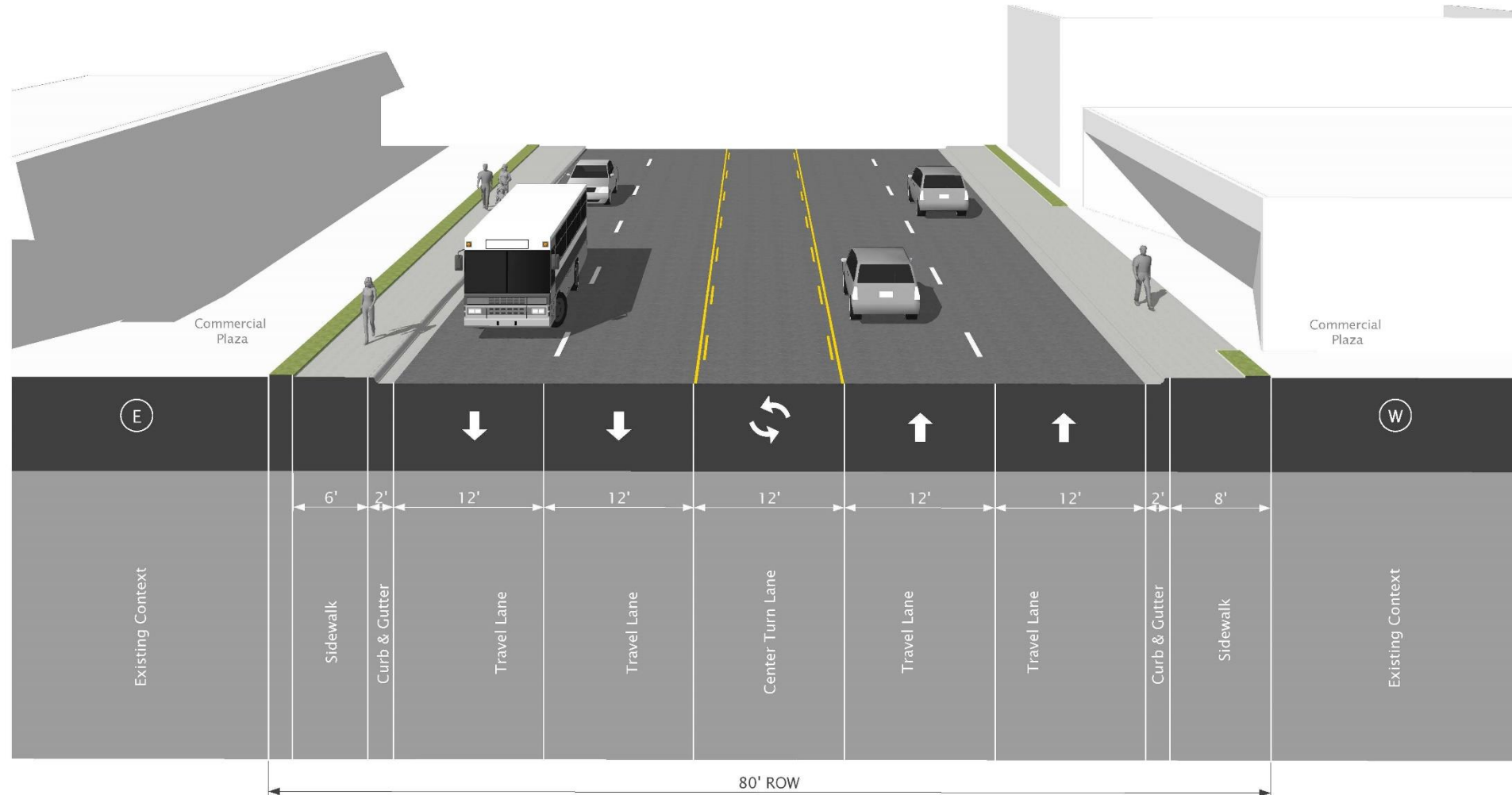


**CYCLE TRACK (2-WAY)**  
CREDIT: NACTO

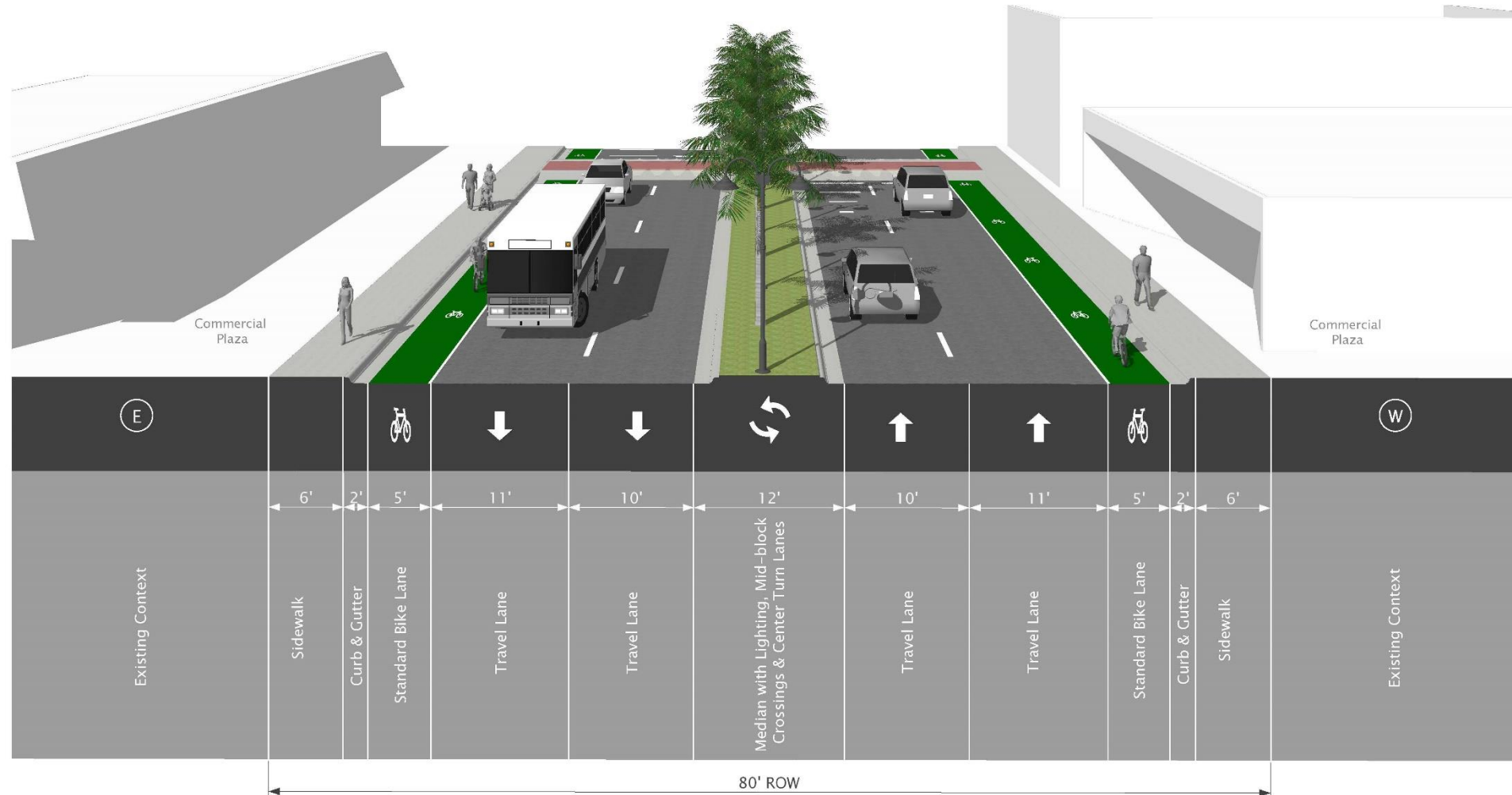




Martin MPO Complete Streets: Access to Transit  
Existing Conditions of SE Dixie in Golden Gate  
*View Looking South (Near SE Bonita Street)*



Martin MPO Complete Streets: Access to Transit  
 Conceptual Diagram of SE Dixie in Golden Gate  
 View Looking South (Near SE Bonita Street)





# SE Indian Street (Stuart)



## EXISTING CONDITIONS:

### 5-LANE COMMERCIAL CORRIDOR - SE INDIAN STREET



IMAGE 1 - INTERSECTION OF SE INDIAN STREET AND OLD DIXIE HIGHWAY



IMAGE 2 - SE INDIAN STREET APPROACHING THE FEC RAILWAY



IMAGE 3 - SE INDIAN STREET WEST OF THE FEC RAILWAY



IMAGE 4 - INTERSECTION OF SE INDIAN STREET AND SE CARNIVALE COURT

## COMPLETE STREETS: POSSIBLE INTERVENTIONS



PROTECTED BIKE LANE  
CREDIT: CITY OF ARLINGTON, VIRGINIA



BIOSWALE  
CREDIT: EPA.GOV



SHADE TREES  
CREDIT: GOULD EVANS



PEDESTRIAN LIGHTING  
CREDIT: STUART MAIN STREET



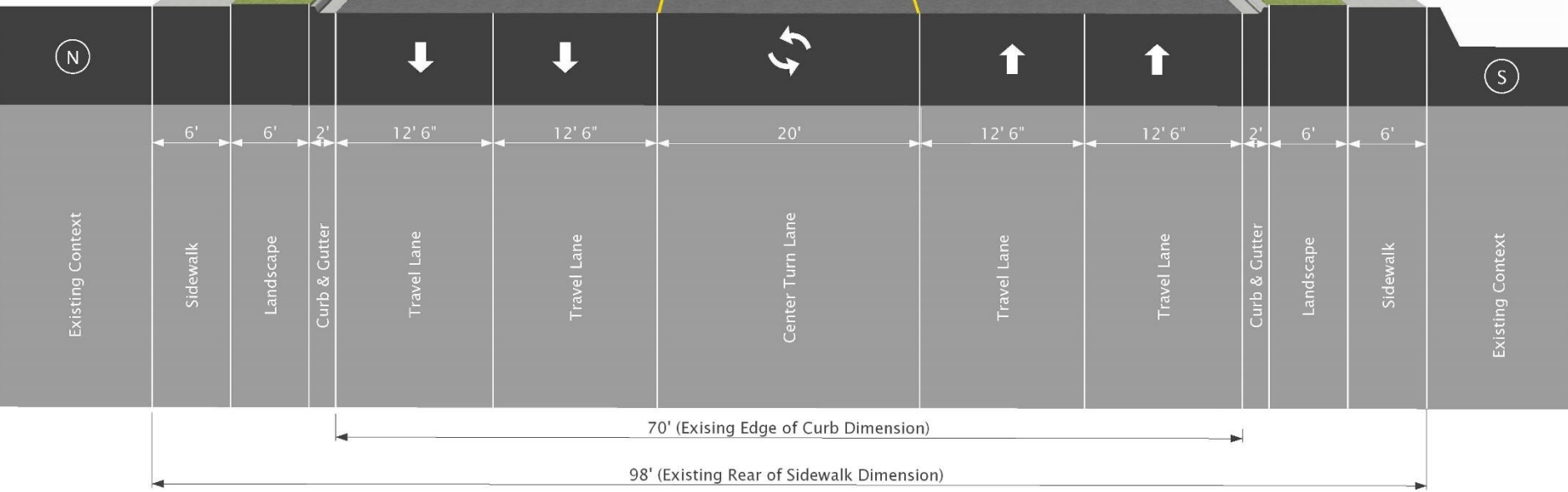
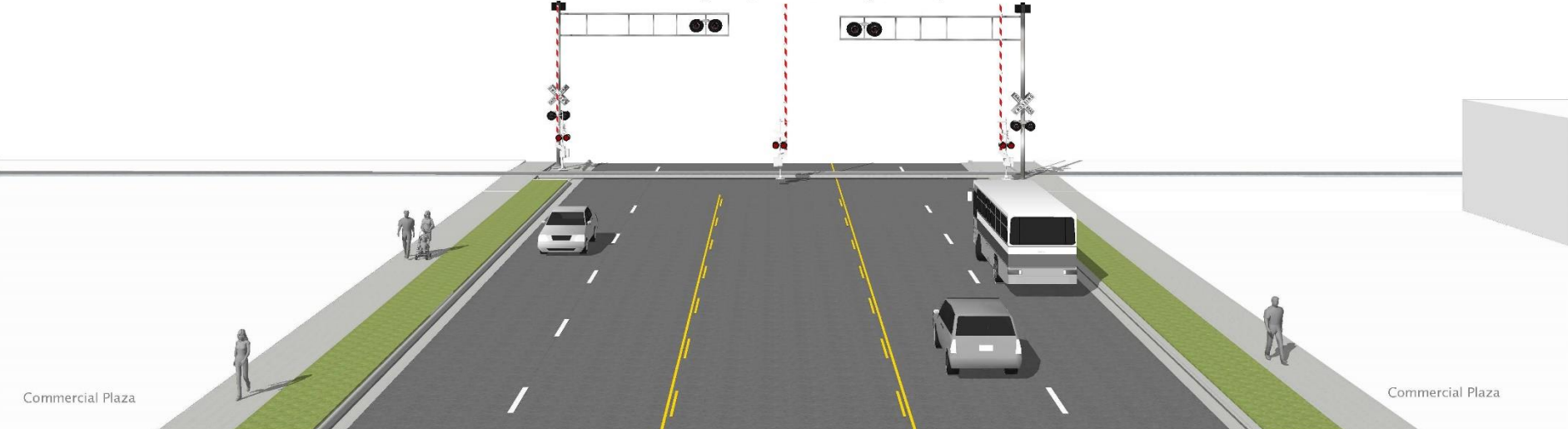
MEDIAN REFUGE  
CREDIT: FHWA



MULTI-USE PATH  
CREDIT: CITY OF FORT LAUDERDALE

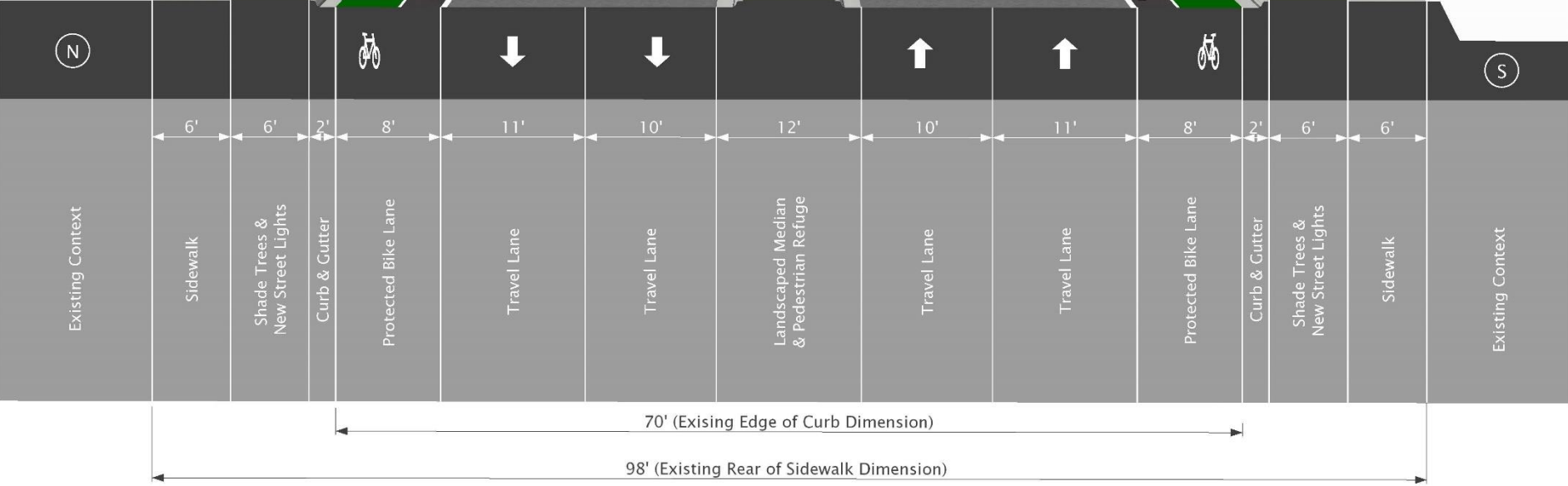
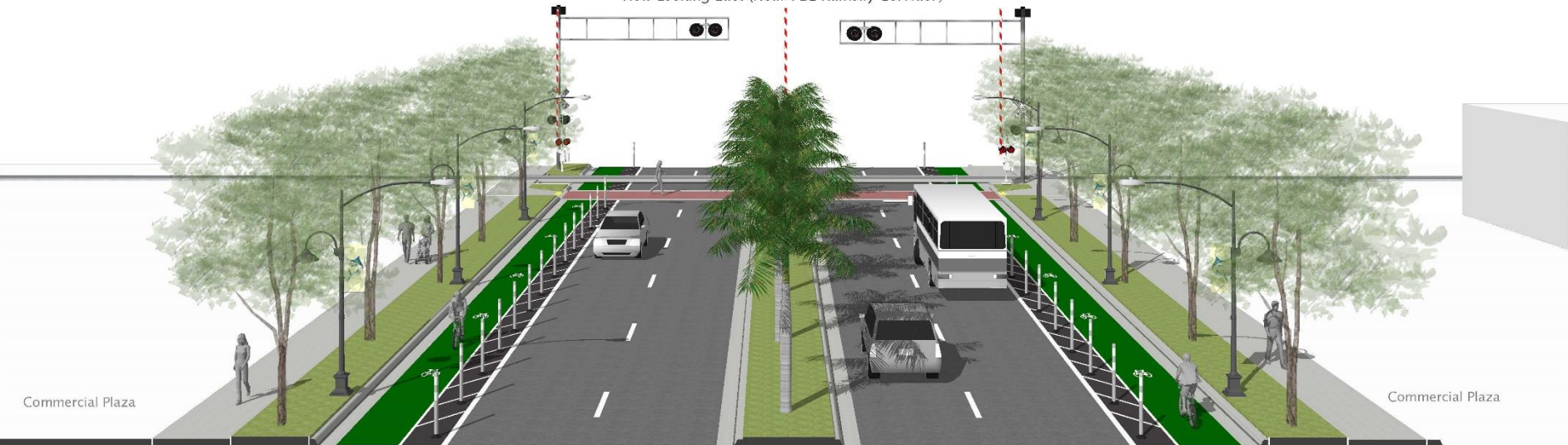


Martin MPO Complete Streets: Access to Transit  
Existing Conditions of SE Indian Street  
View Looking East (Near FEC Railway Corridor)





Martin MPO Complete Streets: Access to Transit  
 Conceptual Diagram of SE Indian Street  
 View Looking East (Near FEC Railway Corridor)



# MARTIN COUNTY

## COMPLETE STREETS: ACCESS TO TRANSIT STUDY



FOR MORE INFORMATION:

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