

Boca Raton Pedestrian Promenade



Visions For Downtown...

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Urban Resource Group
Urban Design and Landscape Architecture
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Boca Raton Pedestrian Promenade Project Goal

“Create a comfortable pedestrian scale environment connecting all of the parts of Downtown, while providing appropriate accommodation of vehicular movement.”

UDA Downtown Master plan

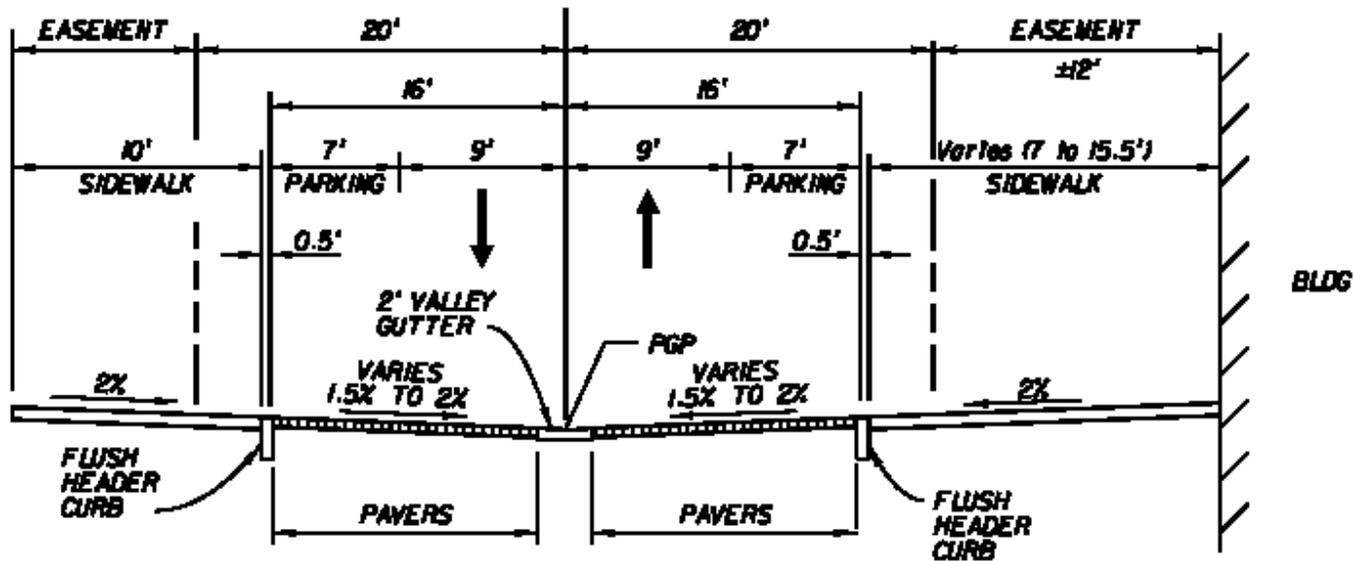


Components of the Project

- Pedestrian Promenade:
 - NE 1st. Ave. (Palmetto Park Rd. to NE 2nd St.)
 - Boca Raton Road (NE 1st Avenue to Mizner Blvd)
 - NE 2nd St. Pedestrian Crossing to Mizner Park
- Palmetto Park Road Pedestrian Crossing
- East Palmetto Park Road (Mizner Blvd to 5th Ave.)



**B AND C
NE 1st AVE**



NE 1st AVENUE
PALMETTO PARK ROAD
TO
NE 2nd St.



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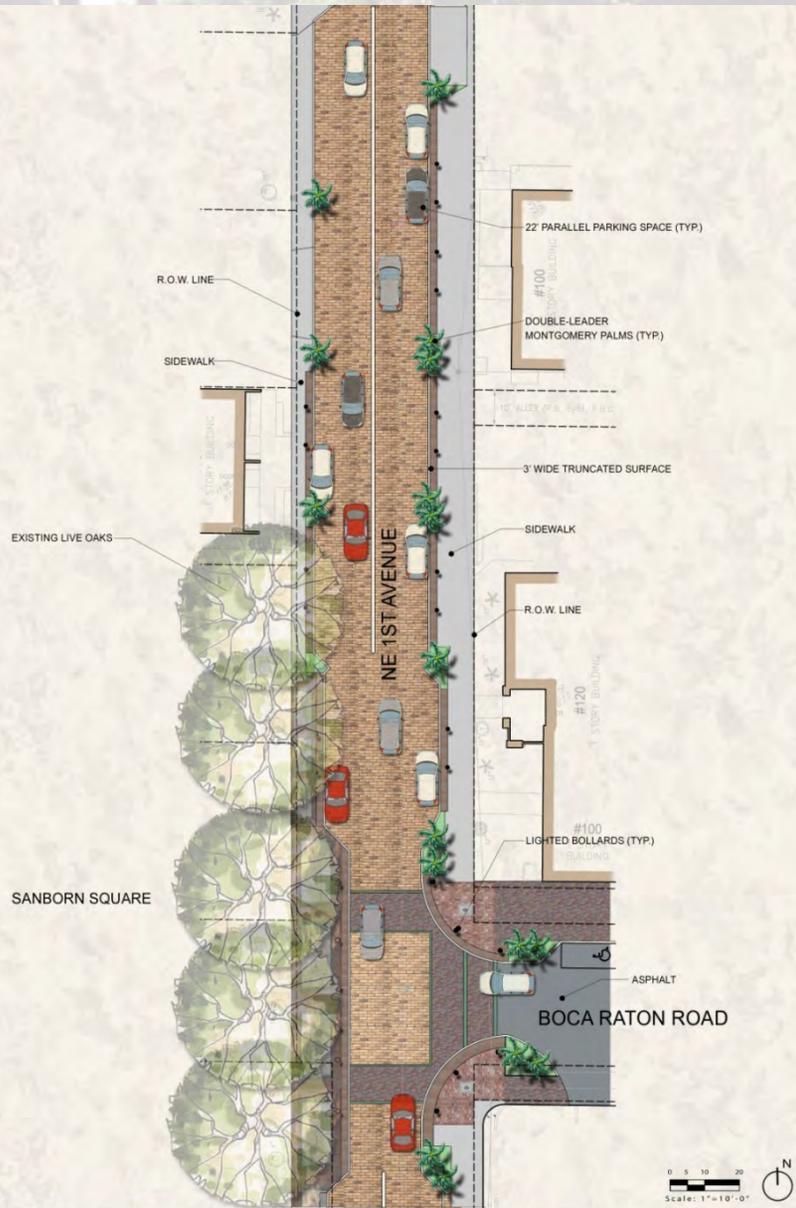
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NE 1st. Avenue

Proposed Features:

- “Curbless” Street
- “Flexible” Spaces
- Inverted Crown
- Brick paver street/sidewalks
- Parking maintained
- Raised intersection
- Bollard lighting
- Pedestrian Lighting
- Sandborn Square
- Narrow lanes, wider sidewalks



DOWNTOWN PROMENADE BOCA RATON, FLORIDA
STREETSCAPE IMPROVEMENTS NE 1ST AVENUE, 300' SECTION

DATE: JANUARY 2010
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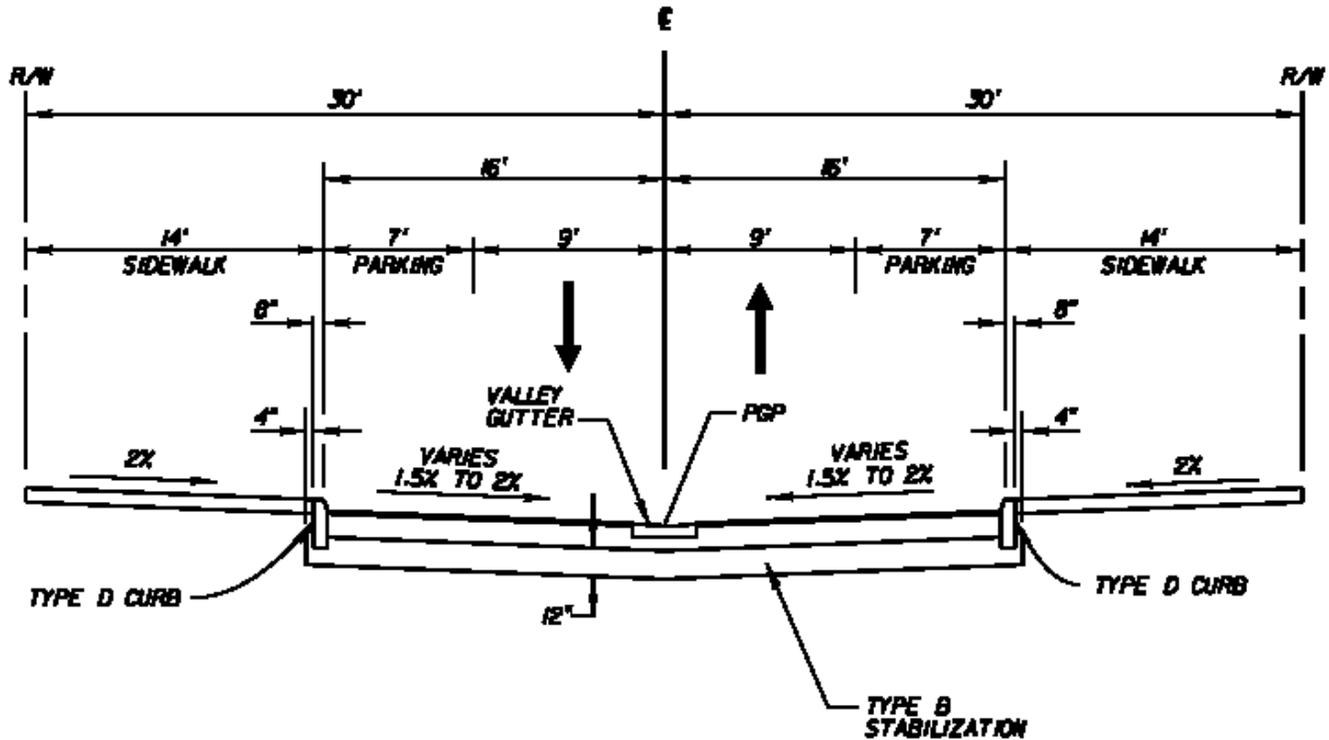


Rosemary Ave. – West Palm Beach



Rosemary Ave. – West Palm Beach





BOCA RATON ROAD

**FROM NE 1st AVE
TO MIZNER BLVD
STA 310+00 TO STA 316+00**



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Boca Raton Road

Notable Proposed Features:

- Curbed Street
- Asphalt street and Paver sidewalk
- Landscaping
- Parking maintained
- Pedestrian level lighting
- Narrow lanes, wider sidewalks.



Boca Raton Road



DOWNTOWN PROMENADE BOCA RATON, FLORIDA
STREETSCAPE IMPROVEMENTS BOCA RATON ROAD, 300' SECTION

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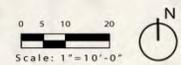
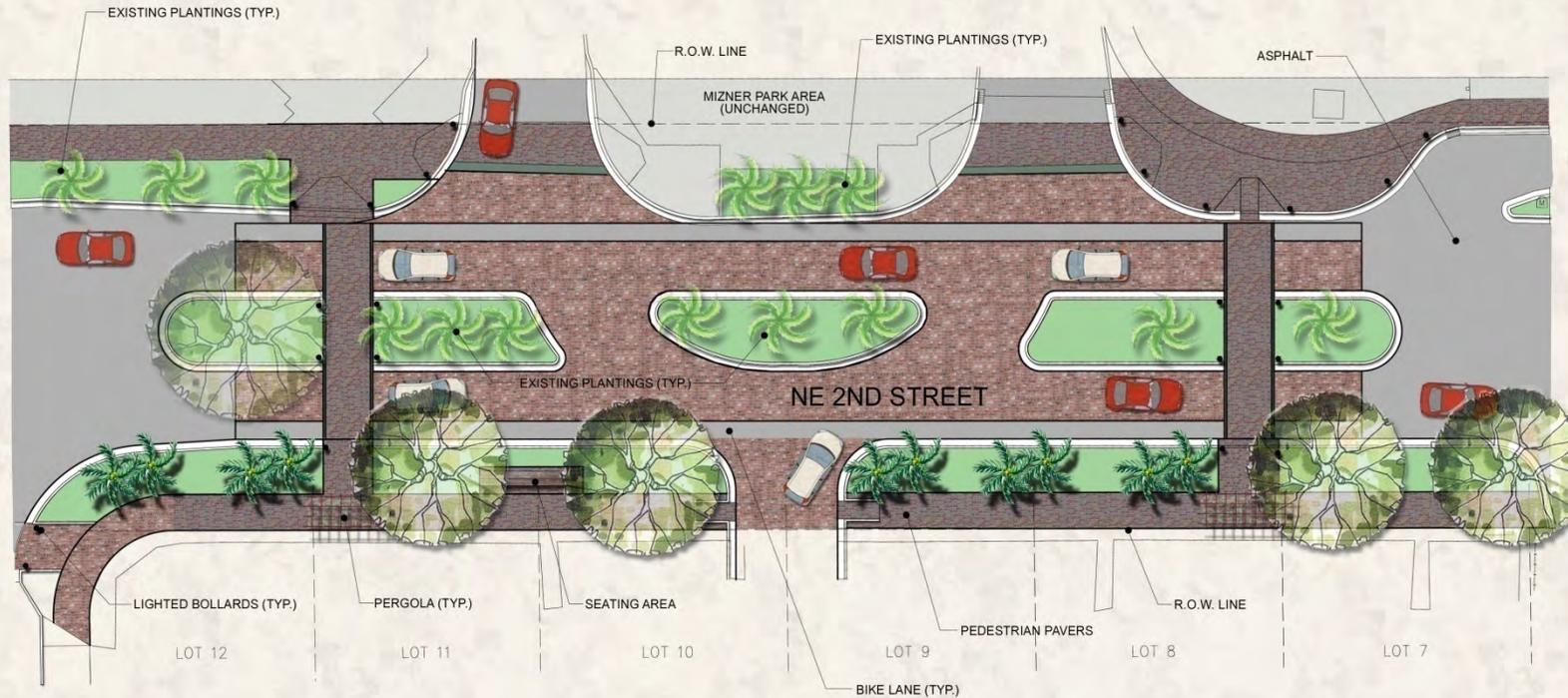


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NE 2nd Street



DOWNTOWN PROMENADE BOCA RATON, FLORIDA
STREETScape IMPROVEMENTS NE 2ND STREET, 300' SECTION

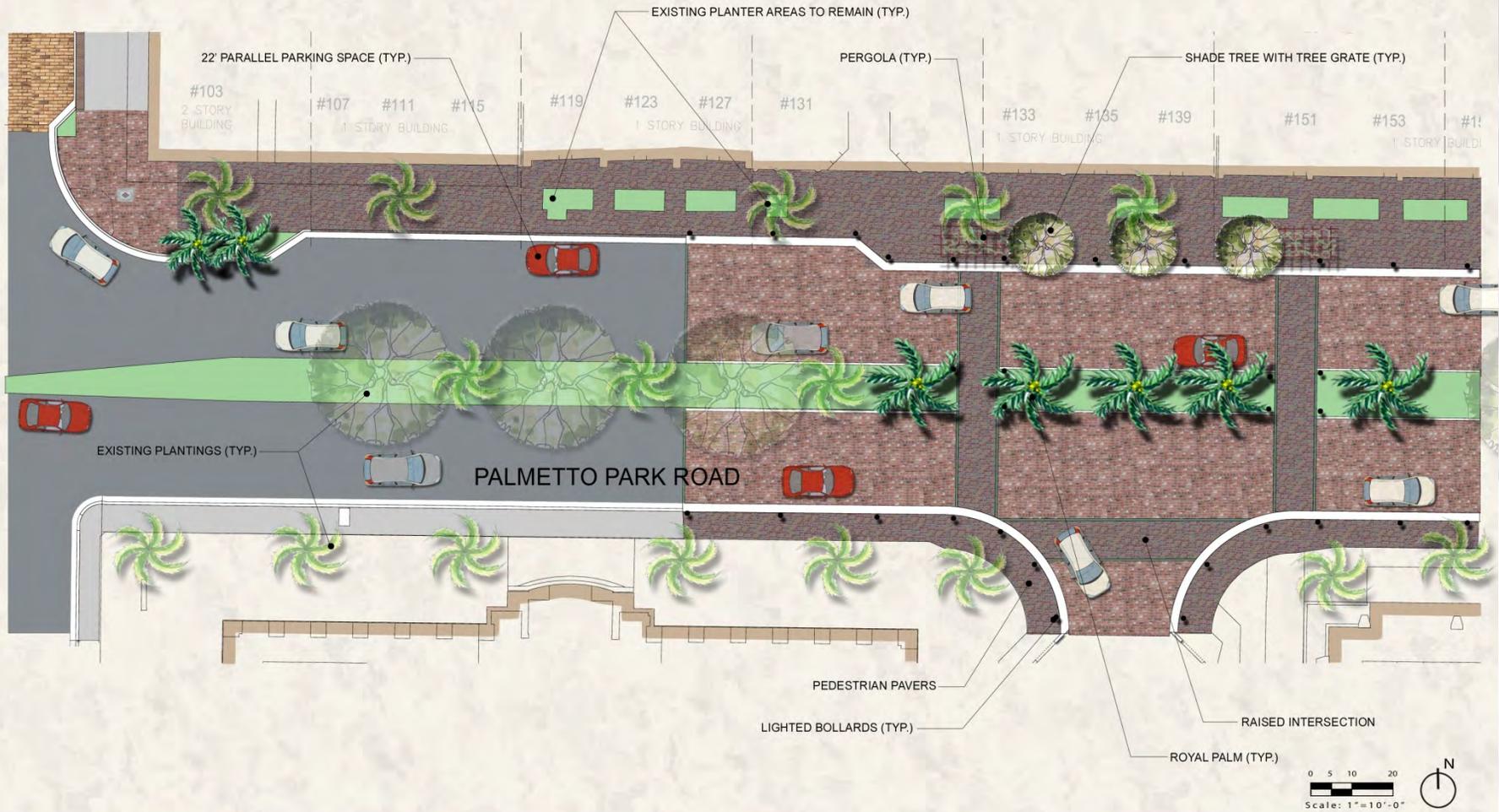
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DOWNTOWN PROMENADE BOCA RATON, FLORIDA
STREETScape IMPROVEMENTS PALMETTO PARK ROAD, 300' SECTION

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Palmetto Crossing



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Boca Raton Pedestrian Promenade

- UDA's comments (10/6/09):
 - Special Pavement at Plaza Real North and NE Second Street intersections.
 - Mid-Block Raised Pedestrian Crossing on Boca Raton Road (Future Spine)
 - Alignment of Crosswalks with Existing walks
 - Federal Highway and Palmetto Park Road should be raised intersection



Palmetto Park Road (Mizner Blvd to 5th Avenue)



UDA's Goals for Palmetto Park Road

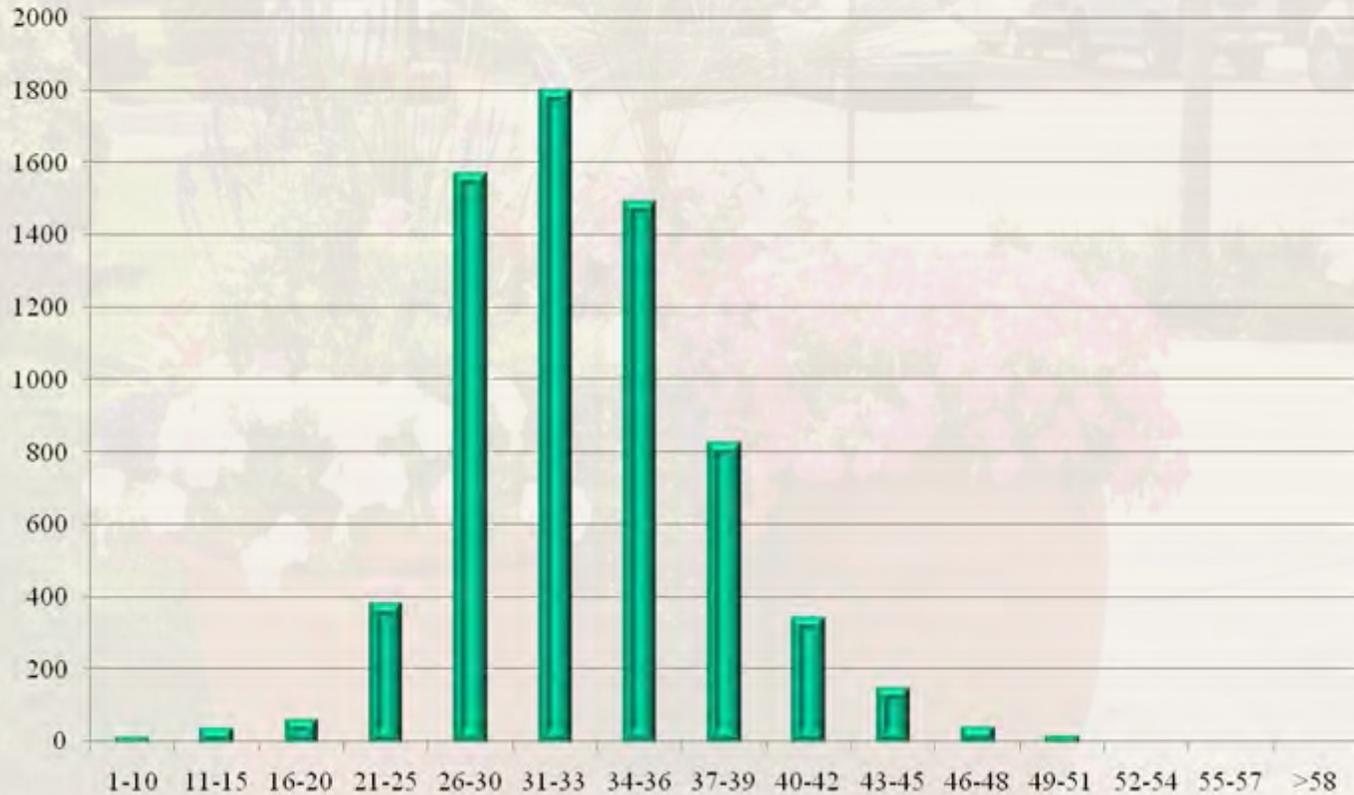
“It should be a welcoming and safe place for both vehicles and pedestrians, and encourage people to slow down. It is a mixed-use address that is lively during the day and evening, where people live, work, recreate, and enjoy traditional neighborhood conveniences and restaurants.”

UDA Downtown Master Plan



Ave. Daily No. of Vehicles
(12/11/09 thru 1/6/09)

Volume by Speed Palmetto Park Road east of 3rd Avenue



Speed (MPH)



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Palmetto Park Road Mizner Blvd. to 5th Avenue

- **At Plaza Real North (w/median)**
 - **Average Speed = 28.5 MPH**
 - **85th Percentile = 35 MPH**
- **East of 3rd Avenue (no median)**
 - **Average Speed = 32.5 MPH**
 - **85th Percentile = 38 MPH**

Conclusion:

**Vehicle Speeds inside a section w/median are slower
(5 mph on average)**



Palmetto Park Road Mizner Blvd. to 5th Avenue

- Medians
 - Increase Landscape opportunities
 - Left turn movements from through lane
 - Friction (lowers speed)
 - Lack of left turn bay – Non-Arterial
 - No direct access to Private Businesses
- Raised Intersections/Brick paver intersections
 - Mizner Blvd./3rd Ave./4th Ave. /5th Ave.
 - Ride and comfort (lowers speed)
 - Increase awareness of intersection

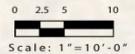
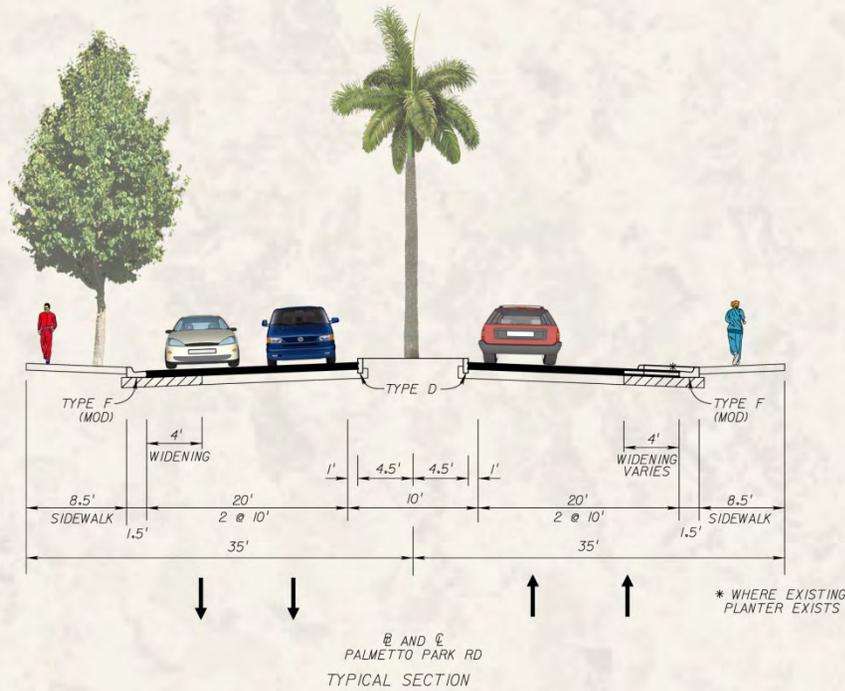


Palmetto Park Road Mizner Blvd. to 5th Avenue

- 5 Construction Alternatives
 1. No on-street Parking / Shift Lanes to create median
 2. Shift Lanes Eliminate On-street Parking on Northside
 3. Shift Lanes, Eliminate On-street Parking on Southside
 4. Eliminate On-Street Parking, Widen Sidewalk buffer
 5. Only Construct Raised Brick Paver Intersections



Alternate 1



DOWNTOWN PROMENADE Boca Raton, Florida
PALMETTO PARK ROAD TYPICAL SECTIONS

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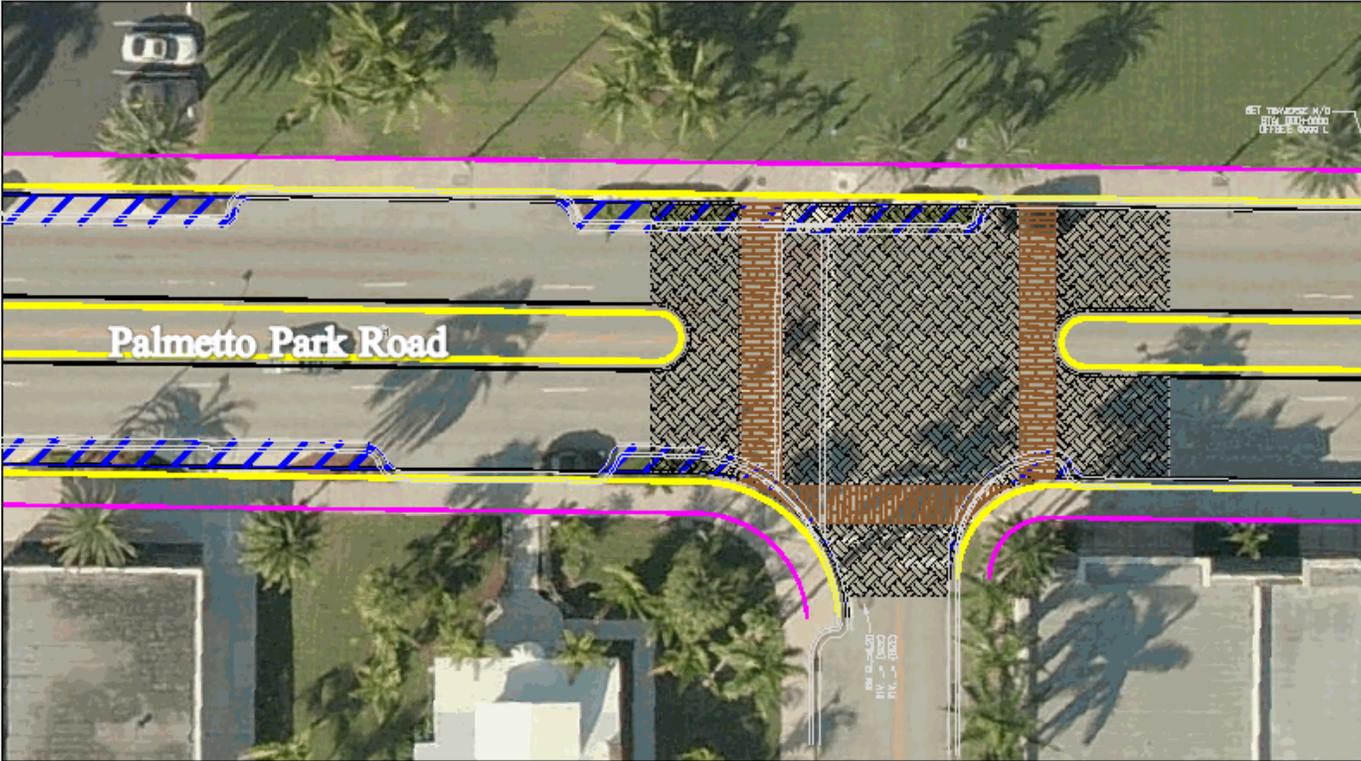


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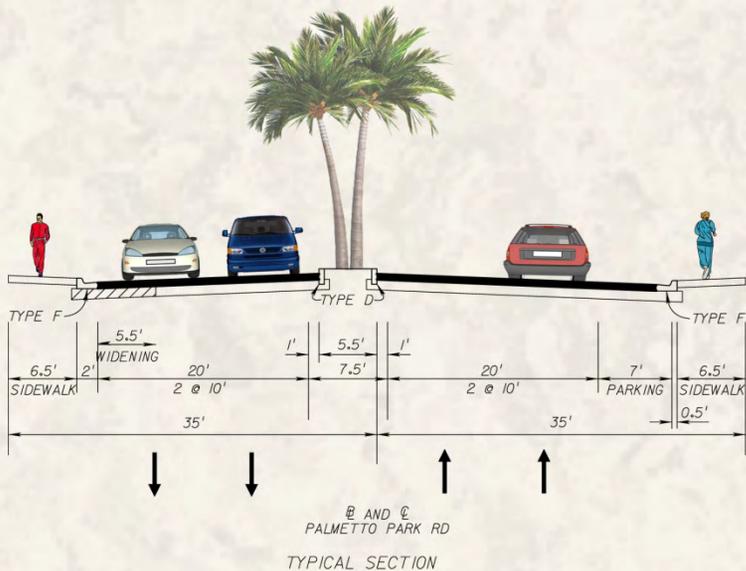
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Alternative No. 1



Alternate 2



0 2.5 5 10
Scale: 1" = 10'-0"

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PALMETTO PARK ROAD TYPICAL SECTIONS

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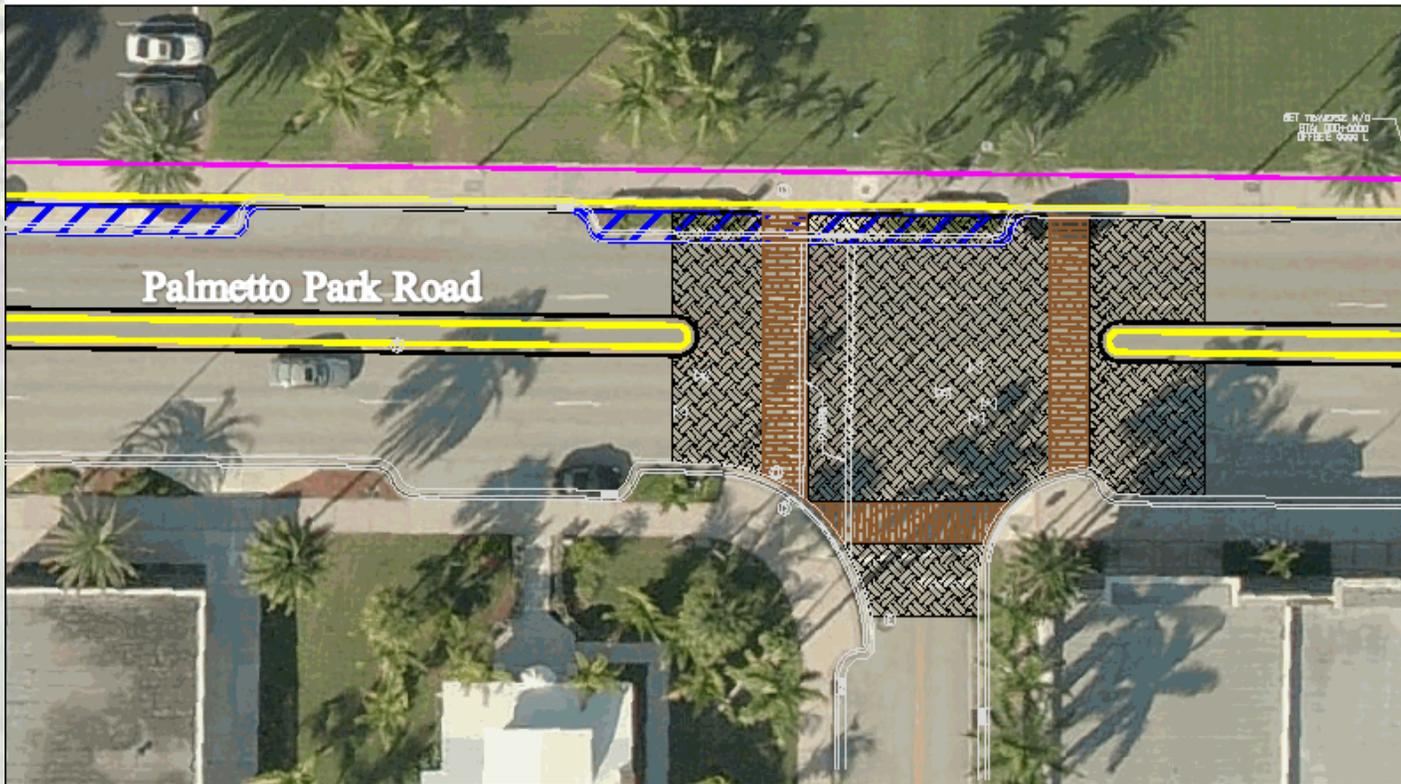


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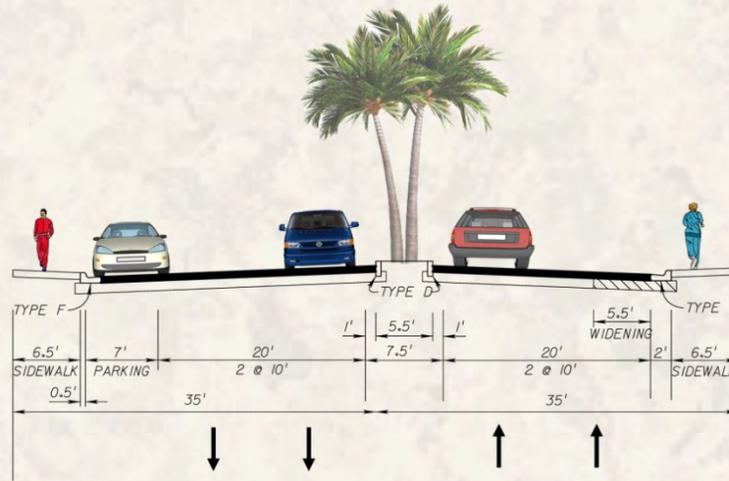
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Alternative No. 2



Alternate 3



⊕ AND ⊙
PALMETTO PARK RD
TYPICAL SECTION

0 2.5 5 10
Scale: 1" = 10'-0"

DOWNTOWN PROMENADE Boca Raton, Florida
PALMETTO PARK ROAD TYPICAL SECTIONS

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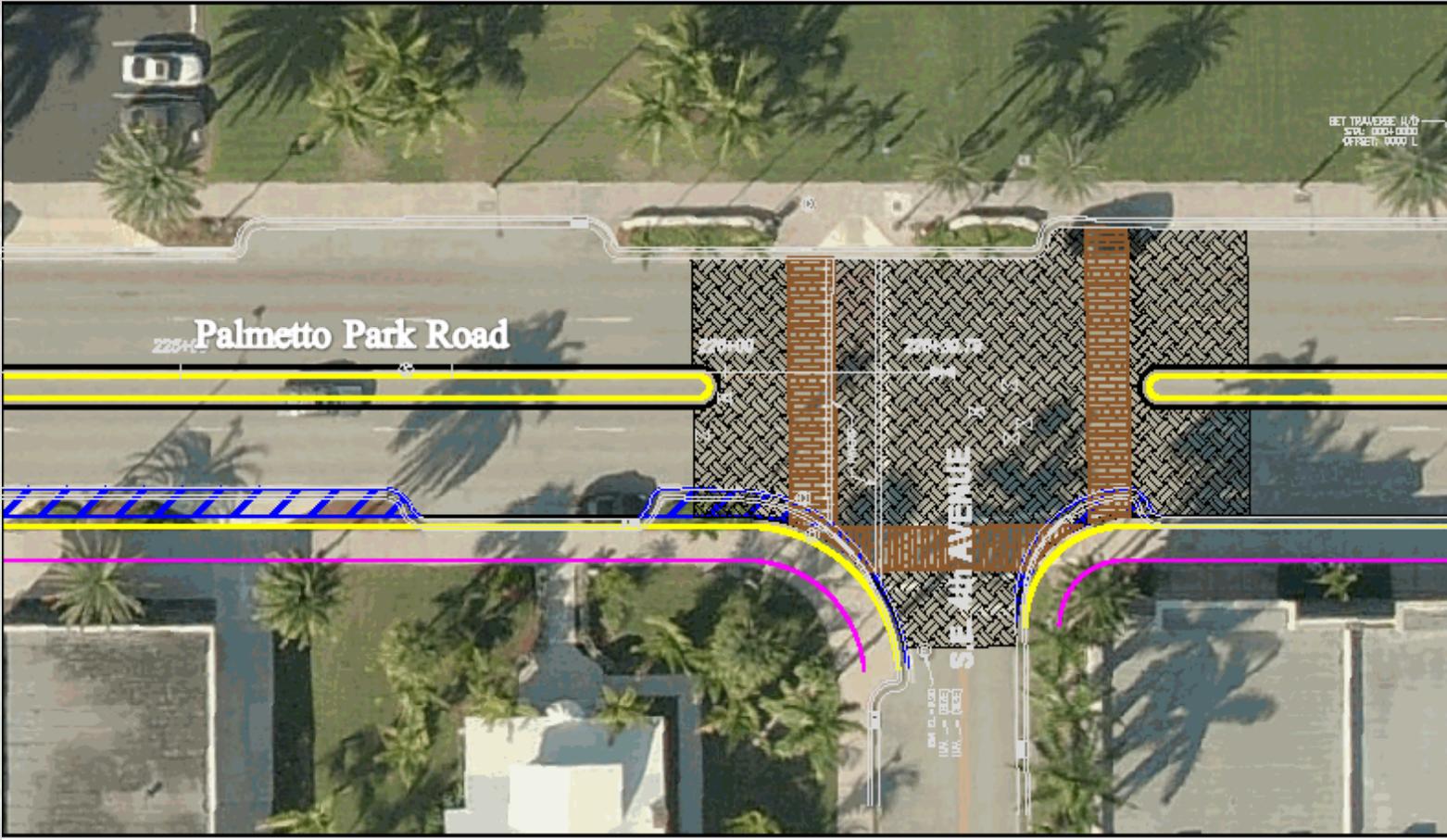


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Alternative No. 3

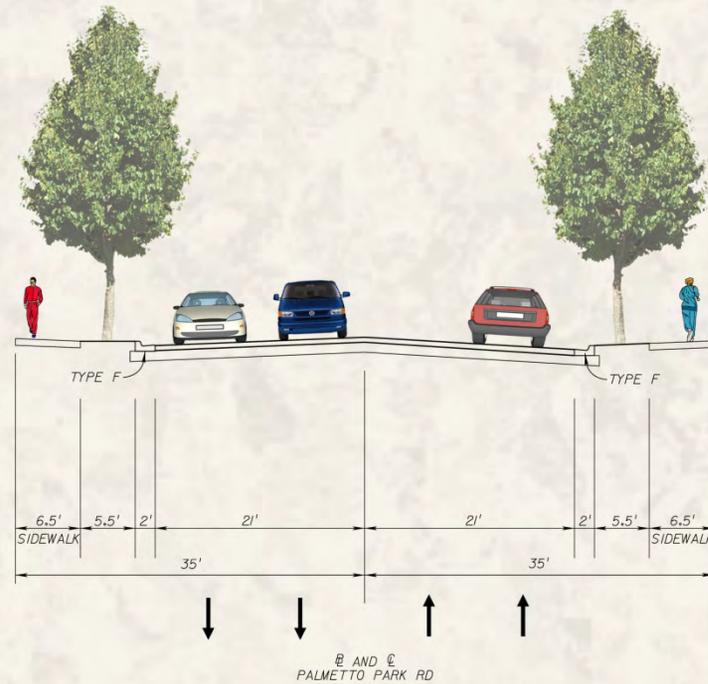


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Alternate 4



0 2.5 5 10
Scale: 1" = 10'-0"

DOWNTOWN PROMENADE Boca Raton, Florida
PALMETTO PARK ROAD TYPICAL SECTIONS

DATE: JANUARY 2010
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Palmetto Park Road Between 3rd Ave. and 5th Avenue

Component	Alternative				
	1	2	3	4	5
	Wide Median	Shift North	Shift South	No Median/No parking	Intersections Only
Slower Traffic	Yes	Yes	Yes	No	Yes
Provide Landscape Median	Yes	Yes	Yes	No	No
Lost Parking Spaces (North side)	19	19	0	19	0
Lost Parking Spaces (South side)	9	0	9	9	0
Raised Intersections (3rd, 4th and 5th Ave)	Yes	Yes	Yes	Yes	Yes
Right-in/Right-out Access to Businesses	Yes	Yes	Yes	Yes	Yes
Left-in/Left-out Access to Businesses	No	No	No	Yes	Yes
Shaded Pedestrian Sidewalk	Both Sides	Not Uniform	Not Uniform	Both Sides	No
Estimated Probable Construction Costs*	\$2.5 Million	\$1.25 Million	\$1.5 Million	\$950,000.00	\$600,000.00

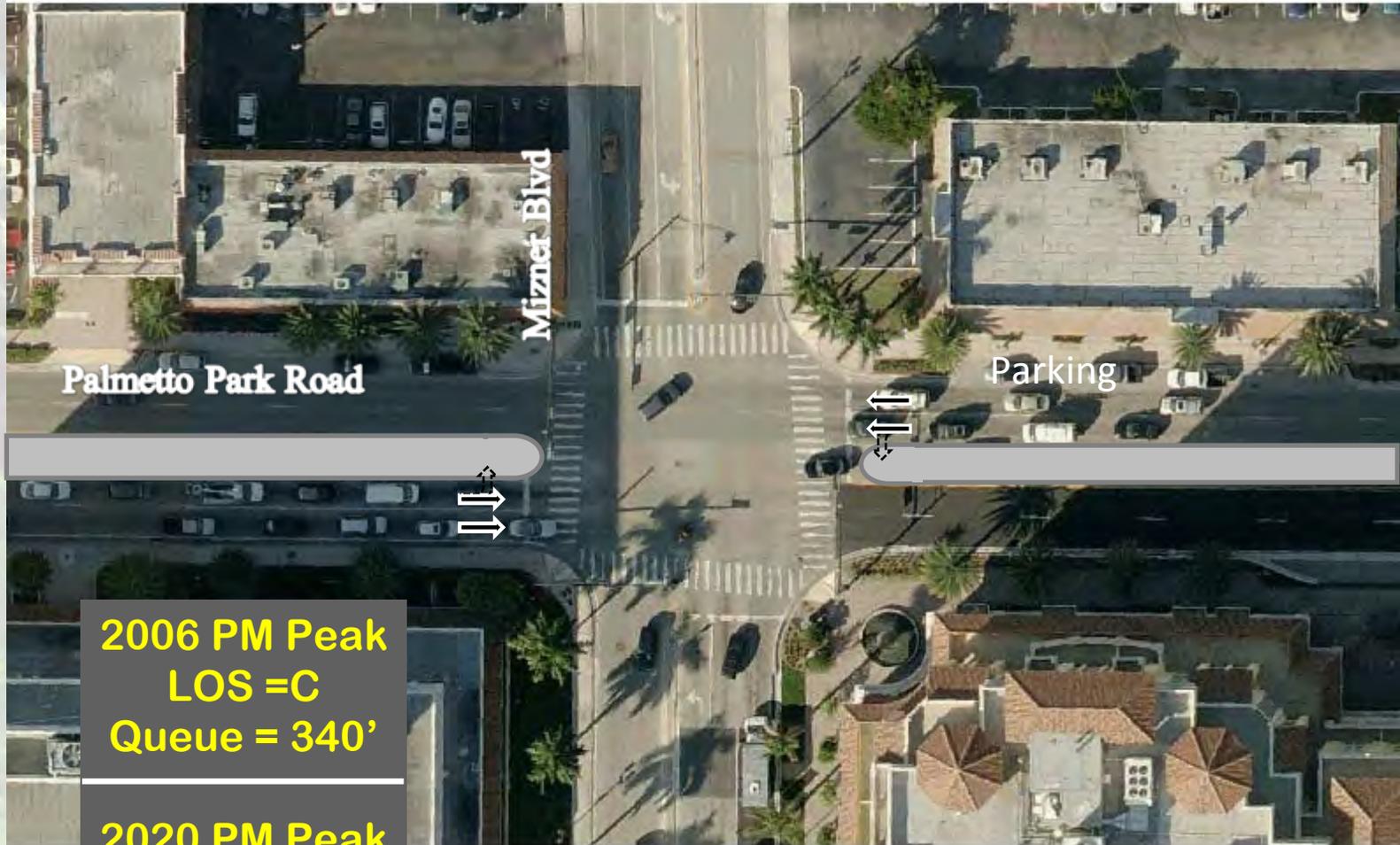
* Does not include PE/CE&I



Palmetto at Mizner Blvd.



Palmetto at Mizner Blvd.



Palmetto Park Road

Mizner Blvd

Parking

2006 PM Peak
LOS = C
Queue = 340'

2020 PM Peak
LOS = E
Queue = 400'

