

VILLAGE OF PALMETTO BAY

ROADWAY AND COMPLETE INFRASTRUCTURE IMPROVEMENTS

FRANJO ROAD PROJECT

JUNE 20, 2017



SUBMITTED BY:

IN ASSOCIATION WITH:



R.J. Behar



M.G. VERA
& ASSOCIATES, Inc.



AREHNA | Engineering, Inc.



Media Relations Group, LLC





WHO WE ARE

- CFE FAMILY-OWNED FIRM SINCE 1977
- STAFF OF OVER 150 HIGHLY QUALIFIED EMPLOYEES
- 300 YEARS OF COMBINED MANAGEMENT EXPERIENCE IN SOLVING SOME OF THE MOST CHALLENGING PROJECTS IN SOUTH FLORIDA



R.J. Behar

- R.J. BEHAR & COMPANY, INC. (RJB) ESTABLISHED SINCE 1999
- 43 EMPLOYEES WITH 15 REGISTERED PEs
- RJB PROVIDES CONSTRUCTIBLE PLANS ON TIME & WITHIN BUDGET

INTRODUCTION



ROBERT BAER / CO-PRESIDENT, CENTRAL FLORIDA EQUIPMENT RENTALS, INC. (CFE)

- PRINCIPAL TOTALLY COMMITTED TO FRANJO ROAD
- \$1 BILLION IN COMPLETED PROJECTS IN SOUTH FLORIDA
- MAJOR INFRASTRUCTURE PROJECTS FOR PUBLIC & PRIVATE SECTOR CLIENTS
- MIAMI BORN & RAISED



MARCUS THERMES / DESIGN-BUILD COORDINATOR, CFE

- TOTALLY COMMITTED TO THE SUCCESSFUL COMPLETION OF FRANJO ROAD
- IN CHARGE OF OVERSEEING CONSTRUCTION PROJECTS SINCE 1991
- \$720 MILLION OF IN-PLACE CONSTRUCTION WORK WITH CFE
- ALL PROJECTS ON TIME & WITHIN BUDGET



MIGUEL VILA / CONSTRUCTION MANAGER, CFE

- 15 YEARS OF PM EXPERIENCE IN HEAVY/HIGHWAY/EARTHWORK CONSTRUCTION
- CTQP CERTIFIED
- PM EXPERIENCE ON MAJOR STREETScape IMPROVEMENT PROJECTS

PROPOSED STAFFING



R.J. Behar



ROBERT J. BEHAR, PE – PRESIDENT/PRINCIPAL IN CHARGE

- 40 YEARS OF EXPERIENCE IN ROADWAY/STREETScape DESIGN
- VAST EXPERIENCE TRANSPORTATION PROJECTS NATIONWIDE
- RJB'S PRESIDENT AND OVERSEES THE FIRM'S FULL OPERATION



MARLIN SCATTOLINI, PE – ENGINEER OF RECORD

- 11 YEARS OF ROADWAY DESIGN EXPERIENCE
- EXPERIENCE WITH THE VILLAGE – SAFE ROUTES TO SCHOOL PROJECTS
- PLANS REVIEWER CONTRACT IN FDOT, DISTRICT 4 FOR 7 YEARS



RAFAEL DE ARAZOZA, PE, PTOE, CPM – TRAFFIC ENGINEER

- 40 YEARS OF TRAFFIC/TRANSPORTATION EXPERIENCE
- EXPERIENCE WITH THE VILLAGE – SOLESTE BAY VILLAGE TRAFFIC IMPACT STUDY, EUREKA HOLDINGS TIS PEER REVIEW, GRACE PENTECOSTAL CHURCH REVIEW
- PROFESSIONAL TRAFFIC OPERATIONS ENGINEER (PTOE) No. 2852/2010

SUBCONSULTANT DESIGN TEAM



AIDA CURTIS, RLA – LANDSCAPE ARCHITECTURE

- 30 YEARS OF EXPERIENCE
- REGISTERED LANDSCAPE ARCHITECT
- LEAD IN STREETScape DESIGN



ALICIA GONZALEZ – PUBLIC INVOLVEMENT COORDINATOR

- 24 YEARS PUBLIC INVOLVEMENT EXPERIENCE
- PRINCIPAL OF MEDIA RELATIONS GROUP, LLC
- BUSINESS LOCATION – *VILLAGE OF PALMETTO BAY*



RODOLFO HOYOS, PE – LIGHTING DESIGN/LED CROSSWALKS

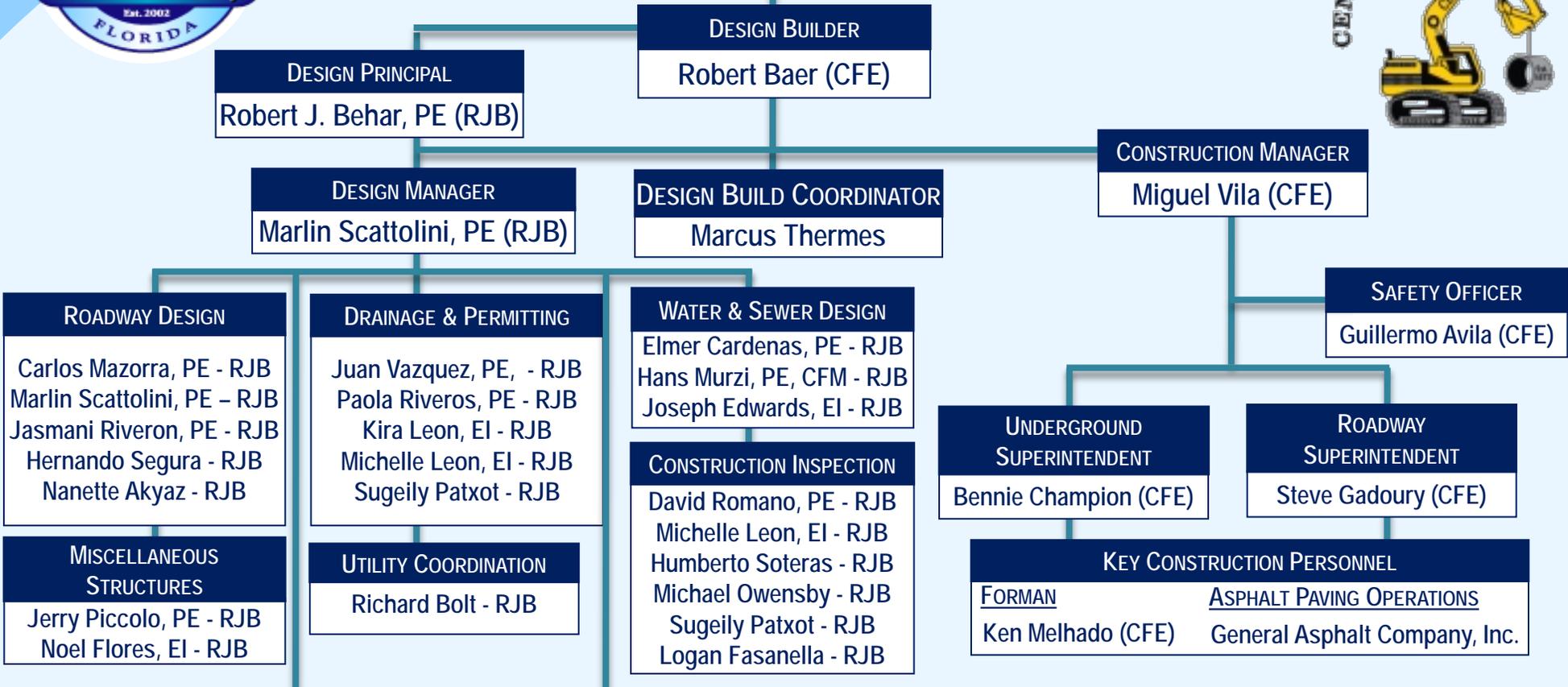
- 29 YEARS OF EXPERIENCE
- EXPERTISE IN THE FIELD OF ILLUMINATION
- ELECTRICAL ENGINEER



ORGANIZATIONAL CHART



VILLAGE OF PALMETTO BAY



TECHNICAL SUPPORT SERVICES		
<u>SURVEYING</u> Manuel G. Vera, Jr. PSM (MGV) Mark R. Sowers, PSM (MGV)	<u>GEOTECHNICAL ENGINEERING</u> Angela Alba, PE (AREHNA) Jessica McRory, PE, LEED AP (AREHNA)	<u>PUBLIC INVOLVEMENT</u> Alicia Gonzalez (MRG) Paulette Summers (MRG)
<u>LIGHTING DESIGN/LED CROSSWALKS</u> Rodolfo Hoyos, PE (PDE) Wael "Maj" Majdalawi, PE (PDE)	<u>LANDSCAPE ARCHITECTURE</u> Aida Curtis, RLA (C+R) Jean C. Lee, LEED® BD+C (C+R) Jennifer Rogers, LEED® AP (C+R)	



CFE'S EXPERIENCE

- DB Lower North Bay Road Improvements, City of Miami Beach
- DB 44th Street Drainage Improvements, City of Miami Beach
- DB HEFT/SR 821 Campbell Drive Interchange, FTE
- SR 7/US 441 from NW 8th Street to NW 36th Street, FDOT D6
- SR 5/Biscayne Boulevard, FDOT D6
- NW 79th Avenue, Miami-Dade County
- SR 823/NW 57th Avenue from W of 65th Street to W of 84th Street at NW 138th Street, FDOT, D6
- NE/NW 6th Street - Sistrunk Boulevard, City of Ft. Lauderdale
- *Expansion of Runway 9R-27L-Site Prep & NAVAIDS, Ft. Lauderdale/Hollywood International Airport (CFE & RJB)*
- Terminal 1 Utilities and Apron, Ft. Lauderdale/Hollywood International Airport
- Taxiway C East End and High Speed Taxiways, Ft. Lauderdale/Hollywood International Airport
- US-1 Bus Lane Segments, Miami-Dade County
- Florida Marlins Ball Park Infrastructure & Roadway, City of Miami
- Employee Parking Lot Phase I, Miami International Airport
- CD Underground Utilities & Apron, Miami International Airport
- West Side Retention/Detention Pond, Miami International Airport
- MIC/MIA Terminal , Miami International Airport



CONSTRUCTION SAFETY RECORD

- SAFETY IS PARAMOUNT
- UTILIZE A DEDICATED SAFETY OFFICER WITH EXTENSIVE EXPERIENCE
- IMPLEMENT STRATEGIES TO ENHANCE SAFETY TO RESIDENTS, SCHOOL CHILDREN AND WORKERS
- CFE'S CURRENT EMR IS 0.96 – WELL BELOW INDUSTRY AVERAGE
- CFE'S WORKERS ARE TRAINED AND CONTINUALLY RETRAINED
 - ✓ SITE SPECIFIC INFORMATION
 - ✓ PRETASK PLANNING
 - ✓ ENVIRONMENTAL PROCEDURES
 - ✓ LADDER SAFETY
 - ✓ LOCK OUT TAG OUT
 - ✓ HOT WORK
 - ✓ EXCAVATION
 - ✓ JOB SITE SAFETY RULES
 - ✓ PPE
 - ✓ FIRE SAFETY
 - ✓ ELECTRICAL
 - ✓ RIGGING



RJ BEHAR'S EXPERIENCE

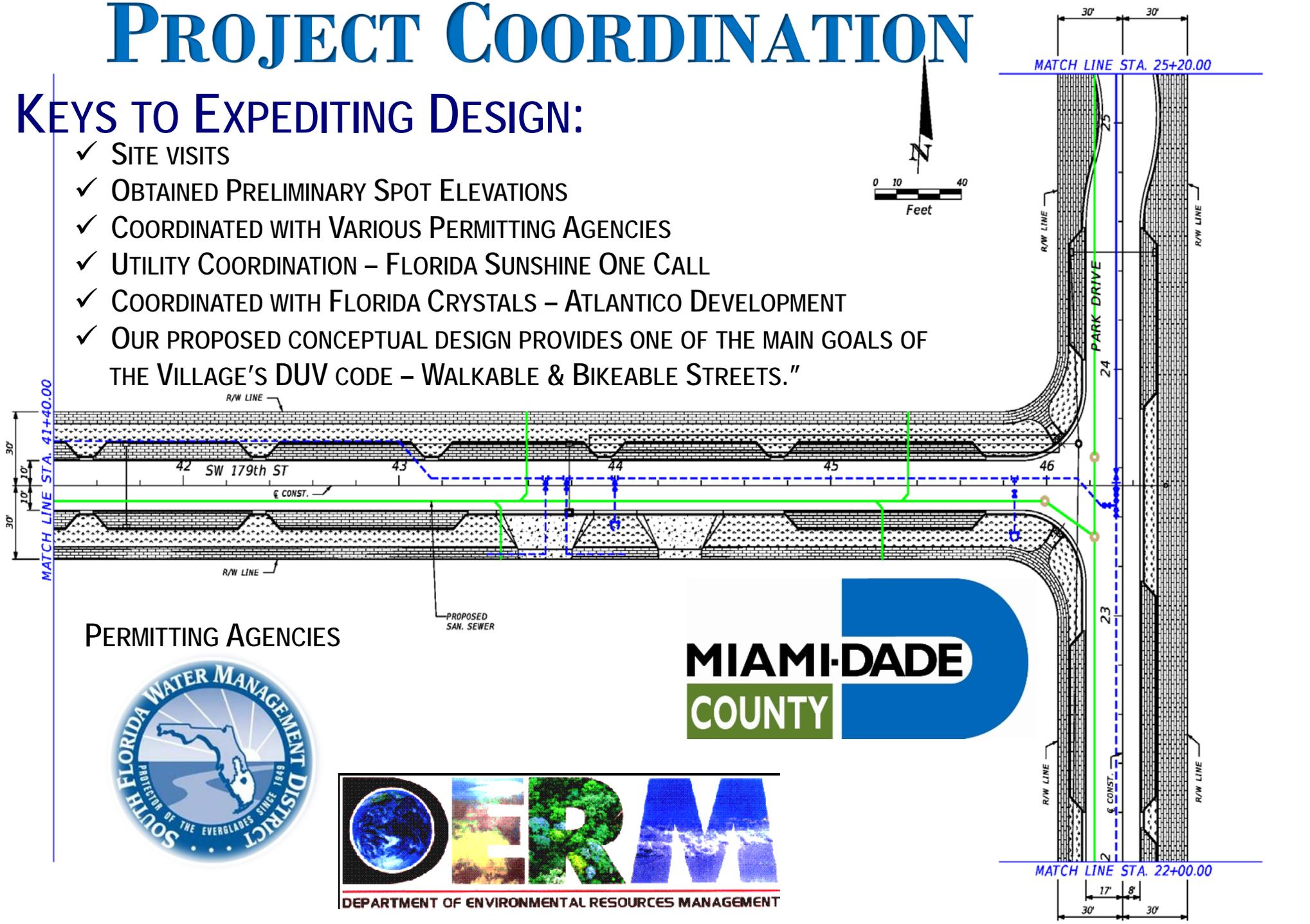
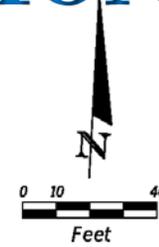
- DB I-595 Final Design, FDOT, District 4
- DB Reconstruction of SE 3rd Street, FDOT, District 4
- DB BC & FAU A. Hugh Adams Parking Garage, Broward College
- DB I-95 Bridge over Hillsboro Canal, FDOT, District 4
- DB I-95 Stormwater Pump Station, FDOT, District 4
- DB S-310 Navigation Lock Structural Evaluation, SFWMD
- DB I-75/Miramar Parkway Final Design, FDOT, District 4
- DB 196th Avenue & Pembroke Road, City of Pembroke Pines
- DB Taft Street Roadway Reconstruction Project, City of Pembroke Pines
- DB SW 207th Terrace/SW 54th Place , City of Pembroke Pines
- *Expansion of Runway 9R-27L-Site Prep & NAVAIDS, Ft. Lauderdale/Hollywood International Airport (RJB & CFE)*
- E. 4th Avenue Improvements, City of Hialeah
- SW 62nd Court Construction, Town of Southwest Ranches
- East Palomino Drive, Town of Southwest Ranches
- SW 30th Avenue, FDOT, District 4
- SR 7 Sunrise Boulevard, City of Lauderhill
- Alton Road, FDOT, District 6
- SW 30th Avenue, FDOT, District 4
- Atlantic Boulevard at Rock Island Rd., Broward County
- Hillsboro Boulevard at Military Trail, Broward County
- Citywide Resurfacing Program, City of Tamarac
- NE/NW 13th Street Streetscape, City of Fort Lauderdale
- NE 15th Avenue Streetscape, City of Fort Lauderdale
- Royal Palm Blvd. Pavement Repairs, City of Coral Springs



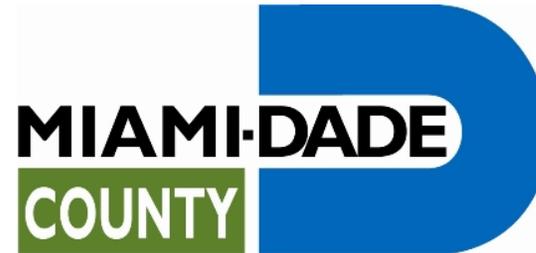
PROJECT COORDINATION

KEYS TO EXPEDITING DESIGN:

- ✓ SITE VISITS
- ✓ OBTAINED PRELIMINARY SPOT ELEVATIONS
- ✓ COORDINATED WITH VARIOUS PERMITTING AGENCIES
- ✓ UTILITY COORDINATION – FLORIDA SUNSHINE ONE CALL
- ✓ COORDINATED WITH FLORIDA CRYSTALS – ATLANTICO DEVELOPMENT
- ✓ OUR PROPOSED CONCEPTUAL DESIGN PROVIDES ONE OF THE MAIN GOALS OF THE VILLAGE'S DUV CODE – WALKABLE & BIKEABLE STREETS."



PERMITTING AGENCIES



DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

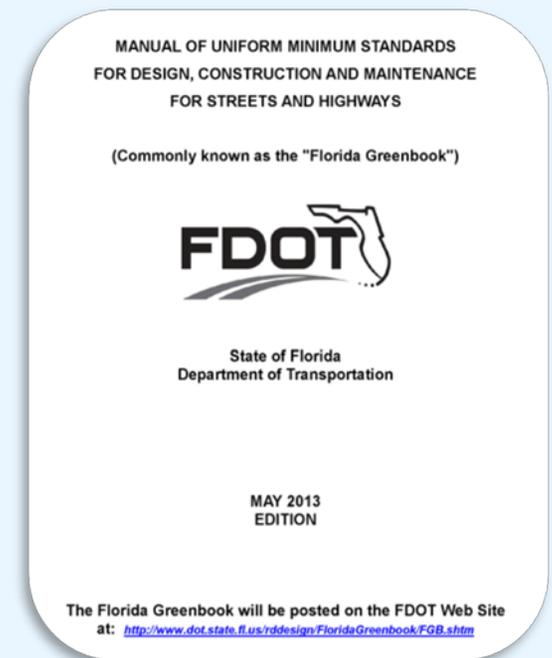
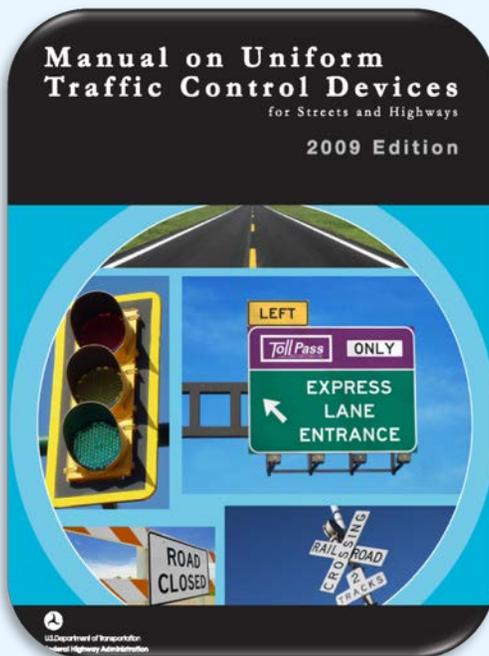
R.J. Behar & Company, Inc.
 Engineers • Planners
 6881 S.W. 106th AVENUE, SUITE 302
 PEMBROKE PINES, FL 33332
 MARLIN SCATTOLINI, P.E. LICENSE NO. 80723
 CERTIFICATE OF AUTHORIZATION NO. 0009886

VILLAGE OF PALMETTO BAY		
ROAD NO.	COUNTY	STREET NAME
	MIAMI - DADE	FRANJO ROAD (SW 97th AVE)

WATER & SEWER PLAN	
SHEET NO. 38	

DESIGN CRITERIA

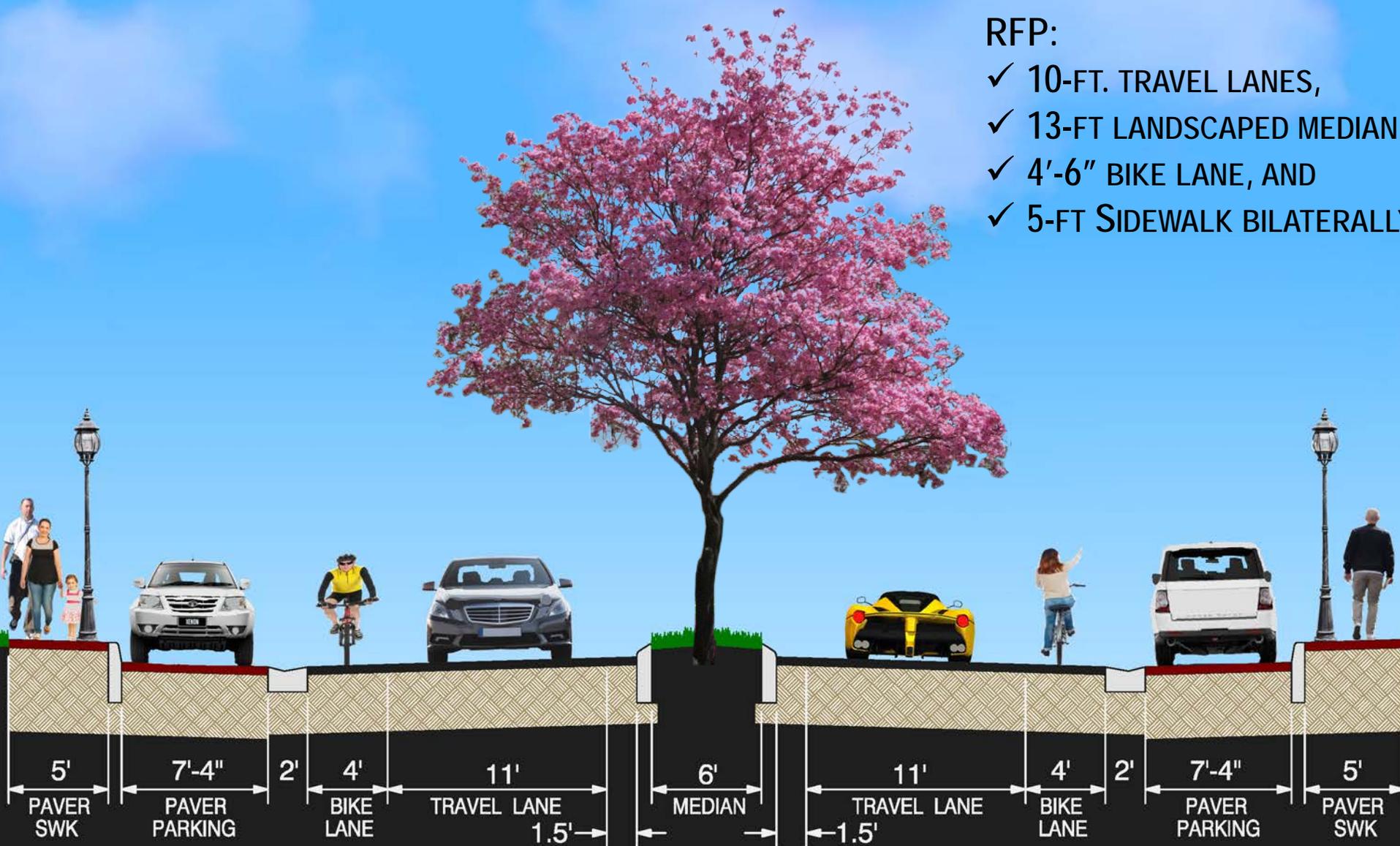
DESIGN ELEMENT	DESIGN MANUAL	CRITERIA
Design Speed (V)	N/A	35 MPH
Lane Width	Table 3-8 Florida Greenbook 2013	Minor Arterial = 11 ft. Local Road = 10 ft.
Horizontal Alignment	Table 3-4 Florida Greenbook 2013	Min. Radius = 400 ft
Roadway Cross Slope	Section C.7.b.2 Florida Greenbook 2013	1.5 % Min / 4 % Max
Parking Lane Width	Section E.5.e Florida Greenbook 2013	7 ft. to 8 ft.
Bike Lane Width	Figure 9-1 Florida Greenbook 2013	4 ft. Min or 5 ft. Min to Face of Curb
Sidewalk Width	Section C.7.d Florida Greenbook 2013	4 ft. Min



TYPICAL SECTIONS

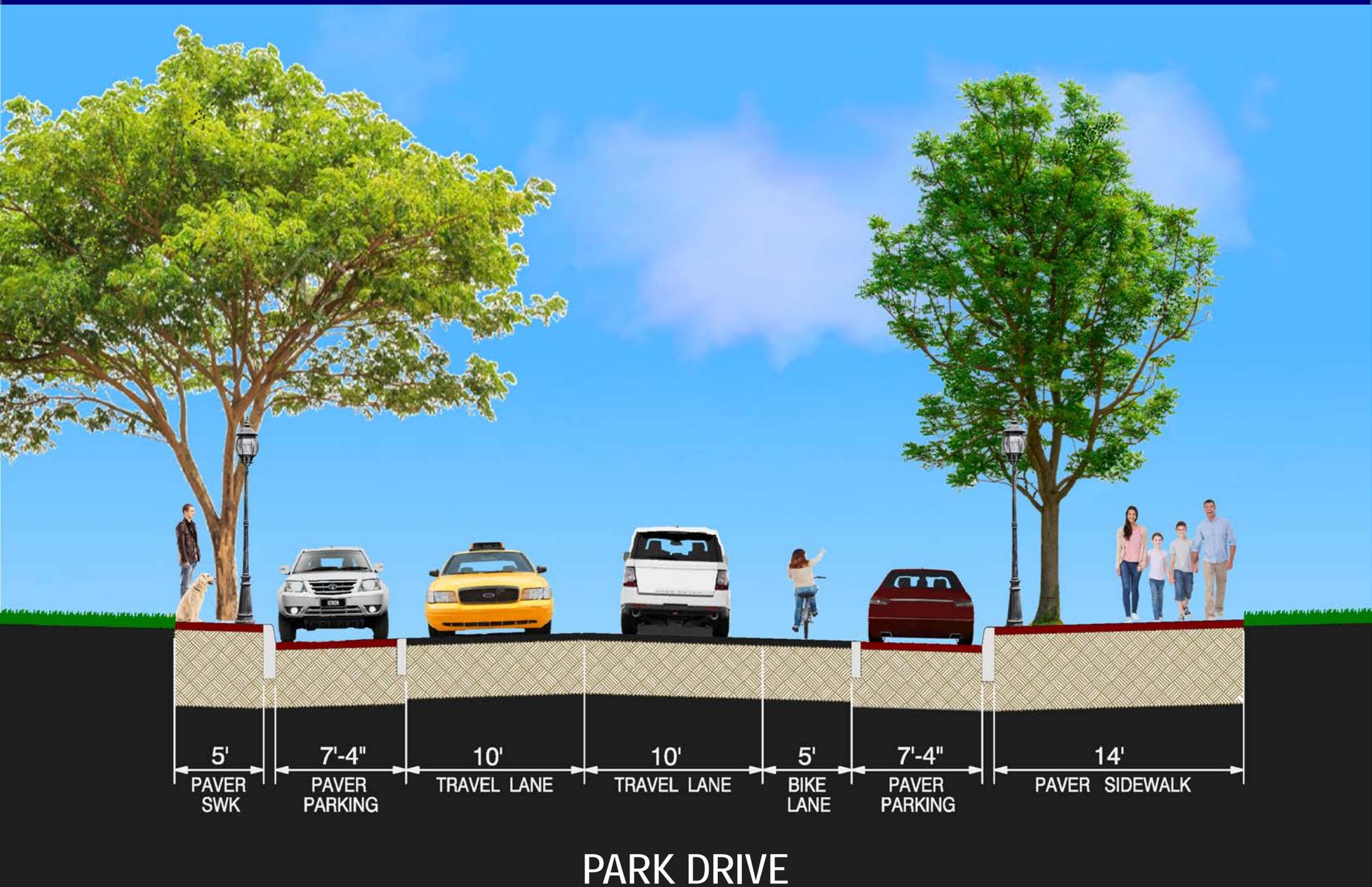
RFP:

- ✓ 10-FT. TRAVEL LANES,
- ✓ 13-FT LANDSCAPED MEDIAN,
- ✓ 4'-6" BIKE LANE, AND
- ✓ 5-FT SIDEWALK BILATERALLY.



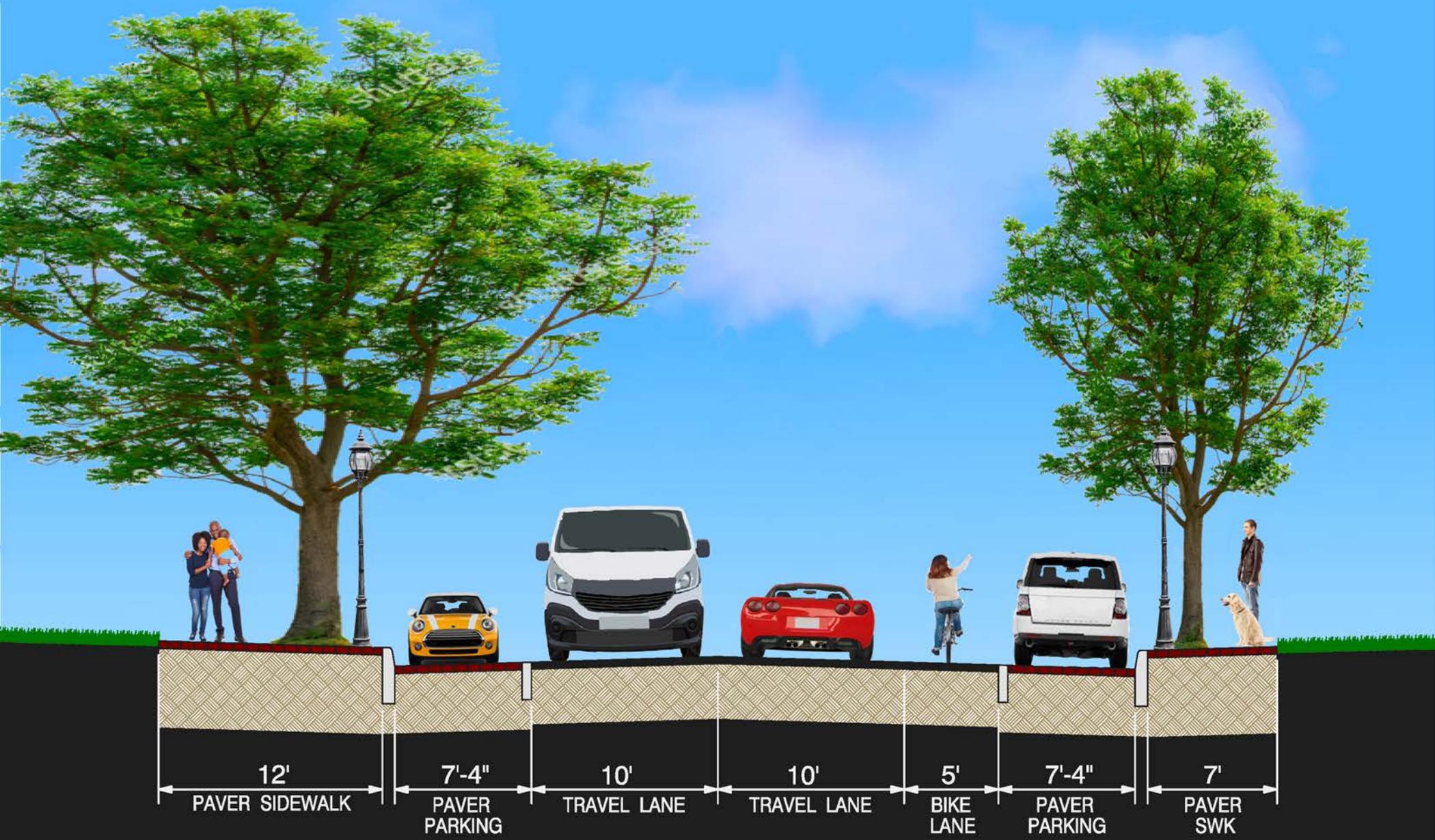
FRANJO ROAD

TYPICAL SECTIONS



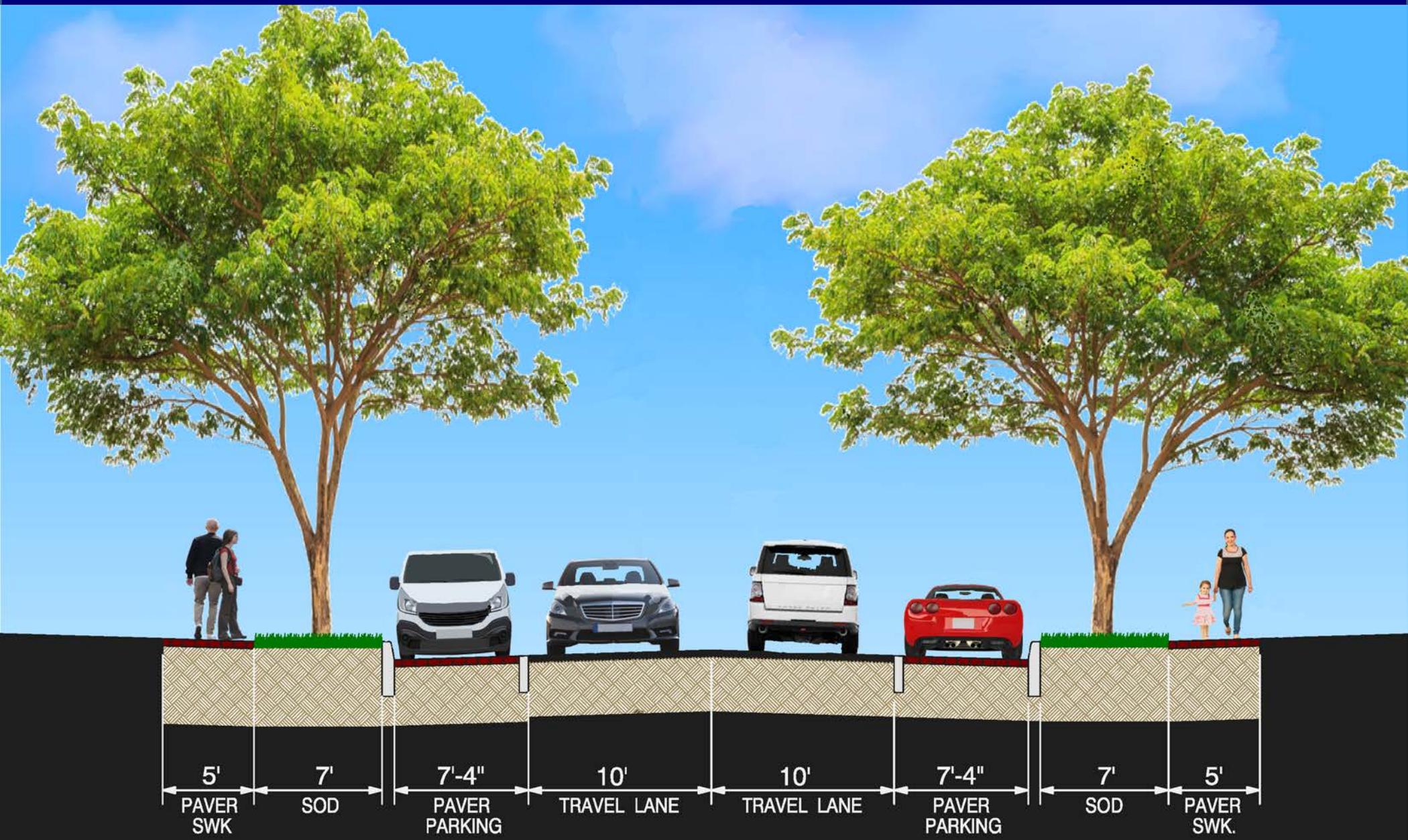
PARK DRIVE

TYPICAL SECTIONS



SW 180th STREET

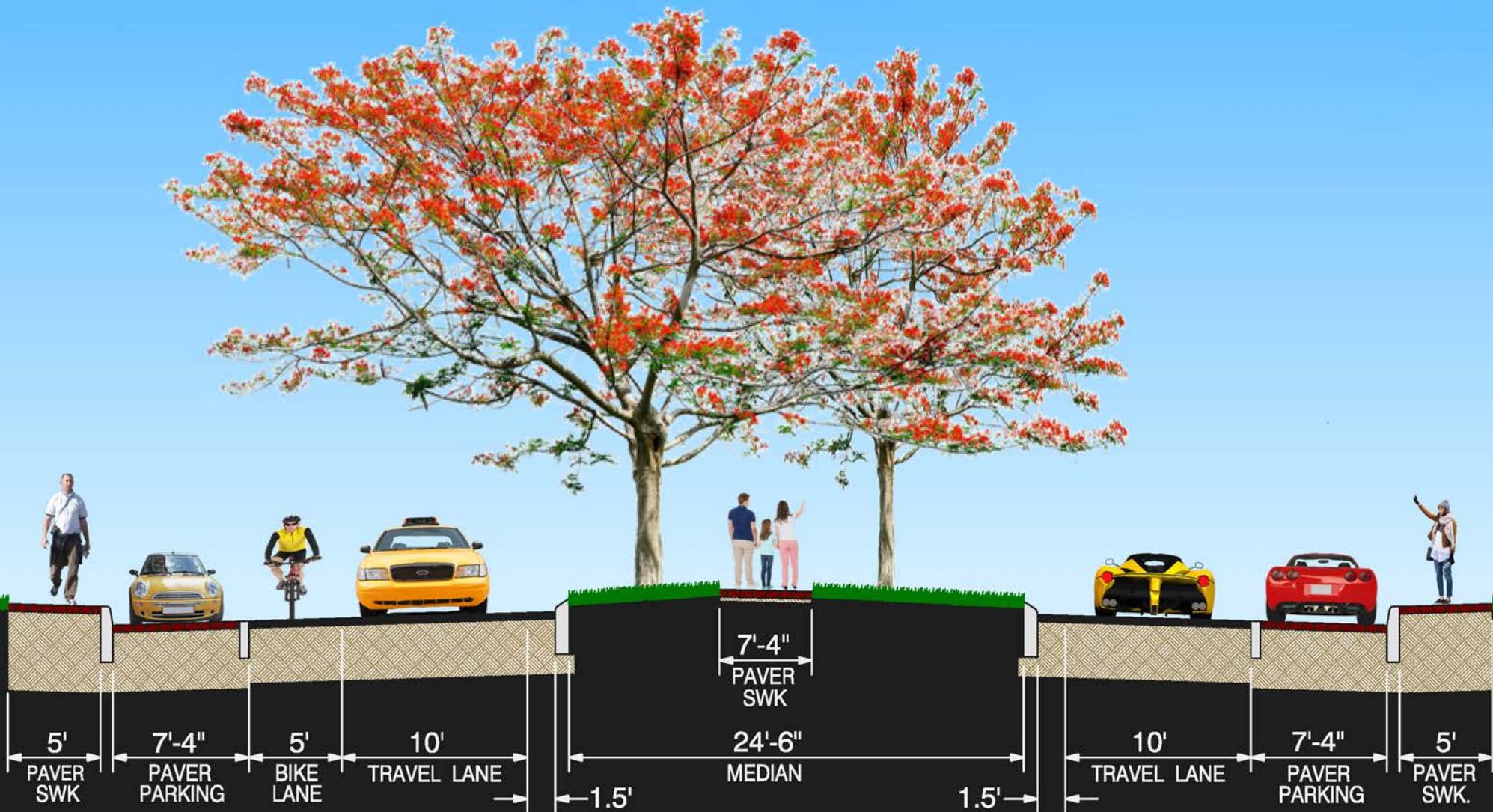
TYPICAL SECTIONS



SW 179th STREET

TYPICAL SECTIONS

- ✓ PAVER PATH IN THE MEDIAN
- ✓ SAFE ACCESS TO ENJOY HARDSCAPE



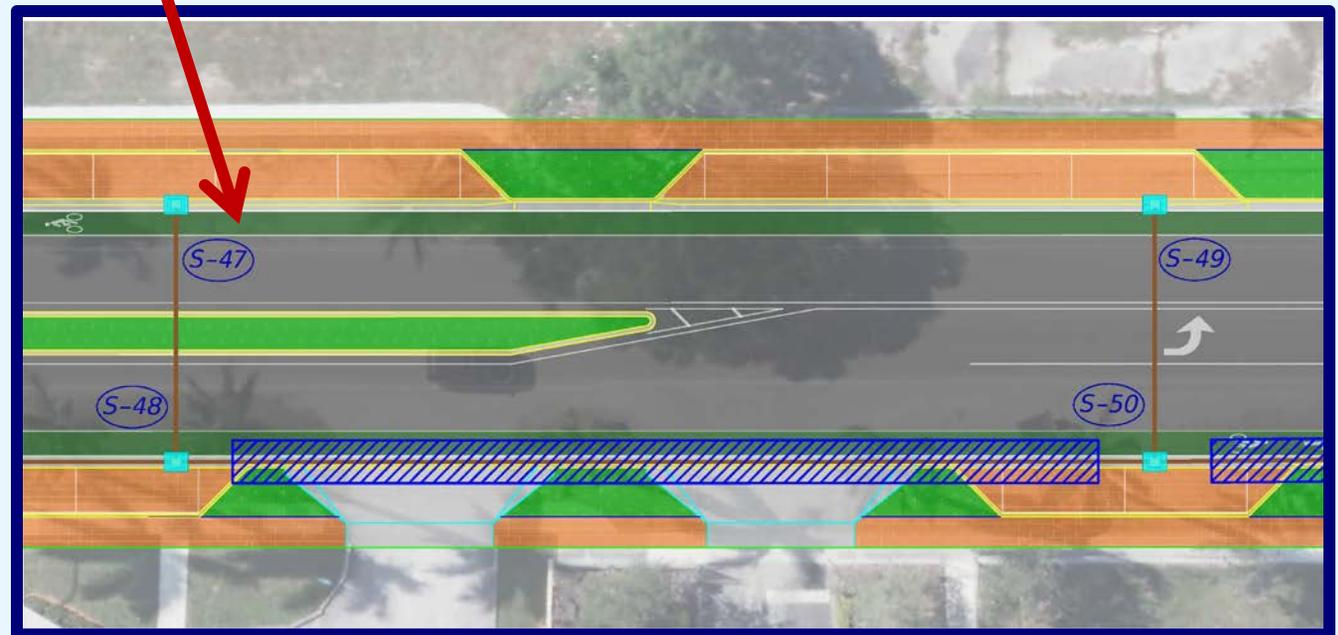
SW 178th STREET

ENVIRONMENTAL CONSIDERATIONS



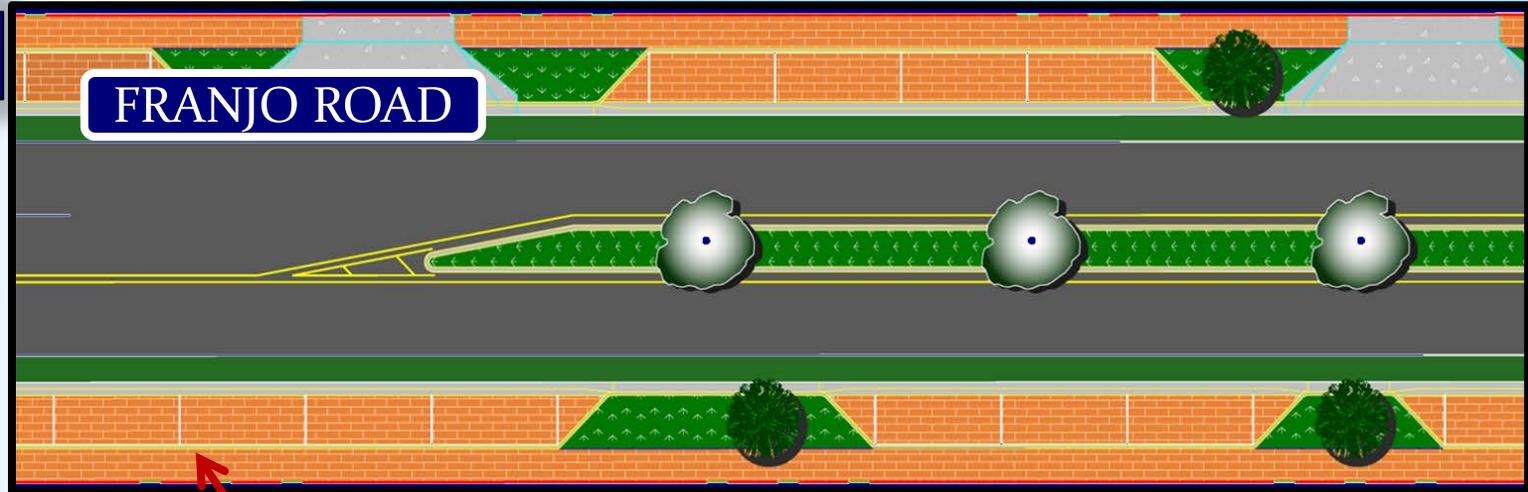
DRAINAGE:

- ✓ ADDRESSES THE ENVIRONMENTAL REQUIREMENTS, AS PER SFWMD & MIAMI-DADE COUNTY

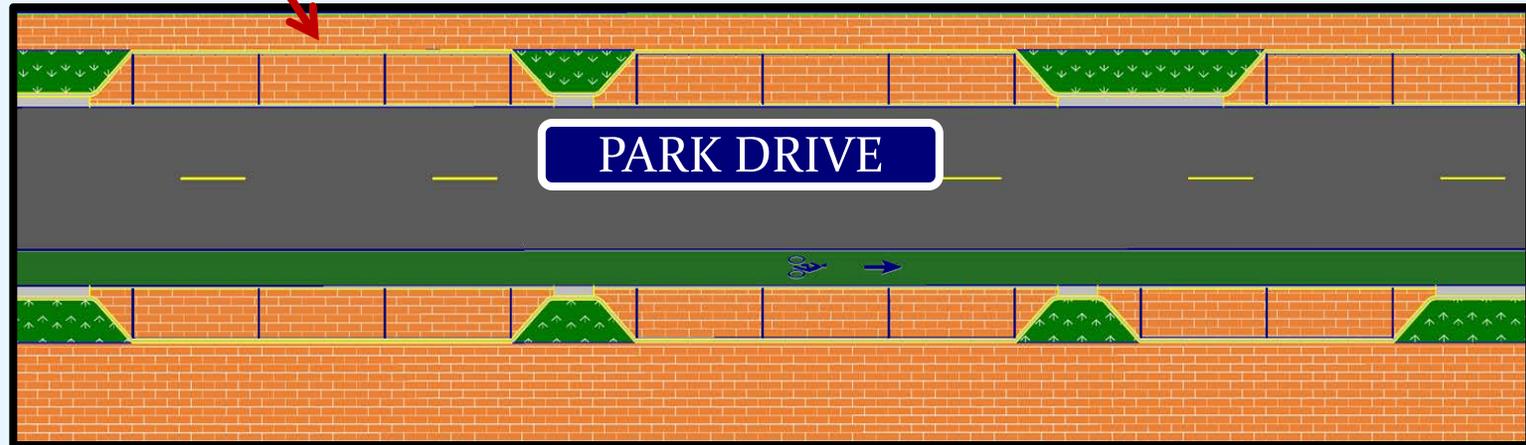


ON-STREET PARKING

PAY STATION FEATURES



PARKING ZONE WITH PAY STATION



PARK DRIVE

- CONVENIENT PAYMENT OPTIONS – COINS, BILLS, CREDIT CARDS, SMART CARDS, COUPONS, & PAY-BY-PHONE;
- PROMPTS IN MULTIPLE LANGUAGES;
- THEFT-RESISTANT DESIGN;
- REDUCED MAINTENANCE & COLLECTION COSTS;
- REAL-TIME CREDIT CARD PROCESSING TO REDUCE FEES;
- SEPARATE MAINTENANCE & COLLECTION COMPARTMENTS FOR ENHANCED SECURITY.

LIGHTING

INTELLI STREETS

The wireless digital infrastructure that controls energy management, security, and outdoor media

LED LIGHTS

WI-FI CONNECTIVITY

DIGITAL STREET SIGNS

BLUE BUTTON EMERGENCY CALL STATION

ENVIRONMENTAL SENSORS

App Based Wireless Control

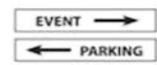
RGBA Notification (Indicator Light)

* Digital Street Sign

* Controlled Receptacle

* Environmental Sensors (CBRNE & Seismic)

* Water Detection



Concealed Placement Speaker (CPS)TM

- Music
- Announcements
- Alerts

* Image Sensor

- Proximity sensors
- Pedestrian counter
- Homeland security

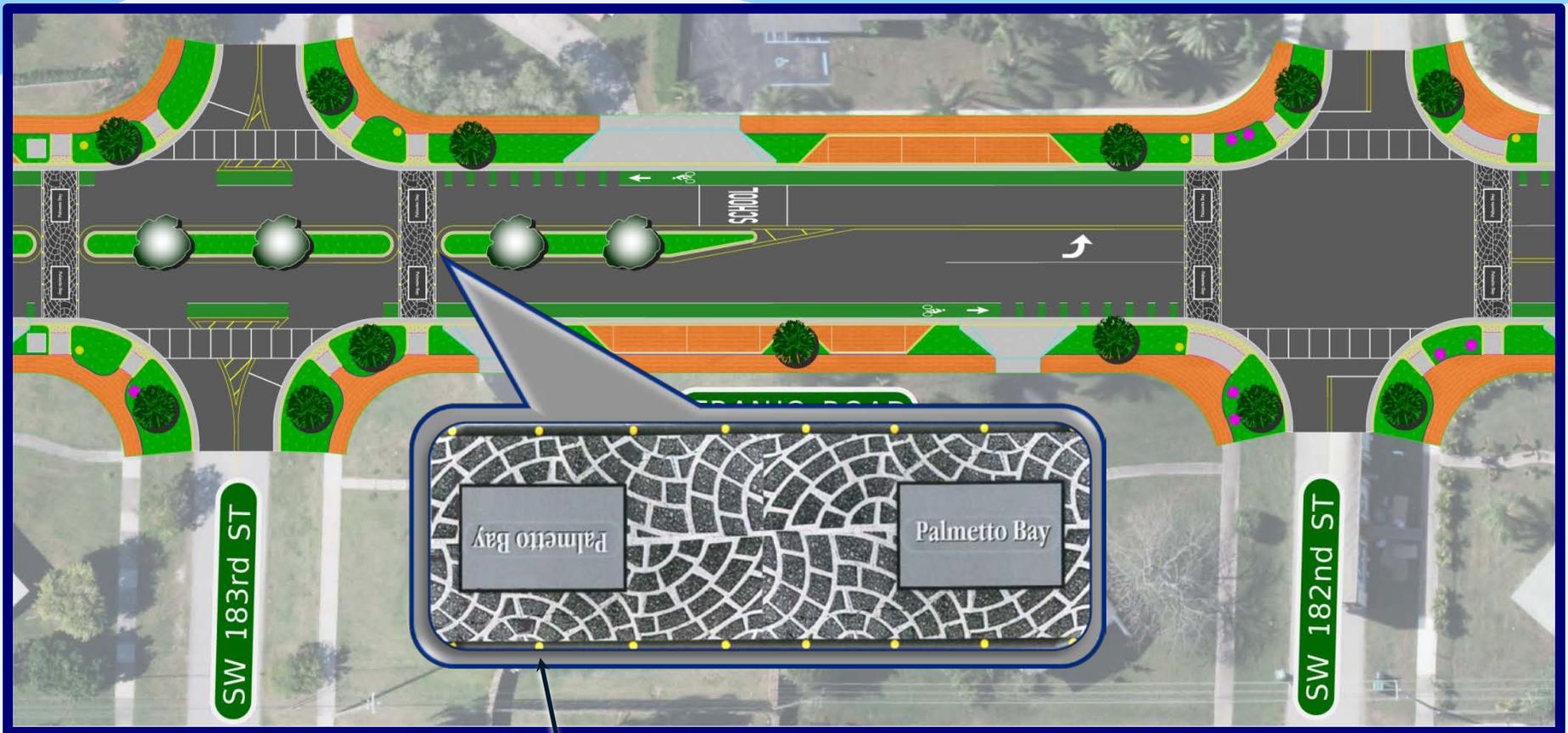
* Digital Signage

- Way finding
- Traffic direction
- Alert notification
- Civic information
- Revenue generation (via advertising)

* Push to talk system "Blue Button" emergency call station

Available in a variety of styles & light output

CROSSWALKS



LED EMBEDDED LIGHTS

12 PEDESTRIAN CROSSINGS ALONG FRANJO ROAD WITH:

- LED EMBEDDED LIGHTS,
- SKID RESISTANT PAINT WITH
- "PALMETTO BAY" IN STENCIL PAINT
- STAMPED ASPHALT



CROSSWALKS

- WIRELESS SOLAR CROSSWALK SYSTEM
- ZERO MAINTENANCE (NO WIRES)
- COST EFFECTIVE
- EASY INSTALLATION
- IN-ROAD FLASH LIGHTS (DAY & NIGHT)
- MUTCD COMPLIANT
- PLACED IN PATH OF DRIVER'S VISION



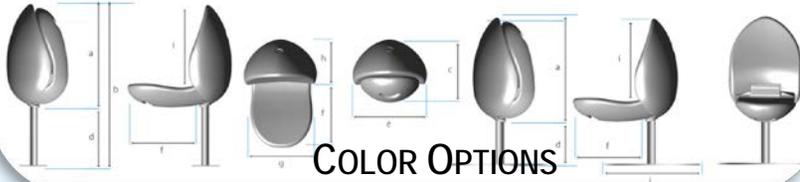


STREETSCAPE

RECOMMENDATIONS:

- Ease of Maintenance – Simplicity, tried and true products
- Cost Effectiveness – Mass production, readily available

TULPI-SEAT



COLOR OPTIONS



TULPI-BIN

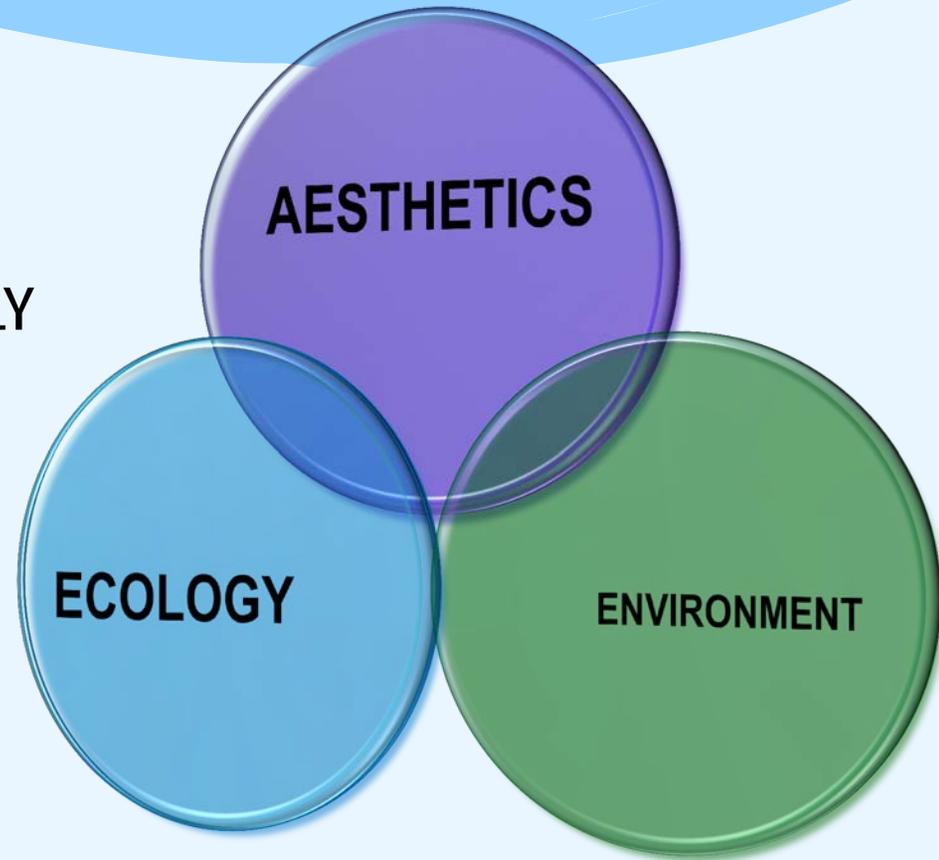


URBAN TREE



LANDSCAPE & IRRIGATION

- RESILIENCY – SUSTAINABILITY
- NATIVE/INDIGENOUS PLANTS READILY AVAILABLE
- IRRIGATION VS. NO IRRIGATION
- MOW - NO MOW
- STORMWATER MANAGEMENT OPPORTUNITIES



PUBLIC INVOLVEMENT

MRG TEAM EXPERIENCE



- LED BY **ALICIA GONZALEZ**, PRESIDENT/PUBLIC INFORMATION MANAGER AND **MARIA PORRATA**, SENIOR PUBLIC INFORMATION OFFICER, WITH STRONG PI SUPPORT TEAM WHO ARE VERY FAMILIAR WITH THIS CORRIDOR
- MRG'S PALMETTO BAY OFFICE IS WITHIN 2.8 MILES OF THE PROJECT AREA
- MORE THAN 24 YEARS OF DIVERSIFIED EXPERIENCE IN THE SOUTH DADE AREA, INCLUDING SEVERAL MAJOR FDOT AND MUNICIPAL PROJECTS FOR THE:
 - VILLAGE OF PALMETTO BAY (WASD)
 - TOWN OF CUTLER BAY
 - VILLAGE OF PINECREST
 - CITY OF HOMESTEAD
 - CITY OF MIAMI
 - CITY OF HIALEAH
 - CITY OF DORAL
 - CITY OF NORTH BAY VILLAGE
 - CITY OF MIAMI BEACH
 - FDOT ("PUT IT DOWN" CAMPAIGN)



PUBLIC INVOLVEMENT

APPROACH:

- COORDINATE WITH RESIDENCE AND BUSINESS OWNERS DURING CONSTRUCTION
- HOST CHARRETTES, WORKSHOPS AND ONE-ON-ONE MEETINGS IN THE HEART OF THE PROJECT AREA
- NOTIFY CFE OF ANY RESIDENT COMPLAINTS
- PREPARE FULLY BILINGUAL MATERIALS AND STAFF WHO ARE VERY FAMILIAR WITH CORRIDOR
- UTILIZE EXISTING COMMUNICATIONS RESOURCES IN ORDER TO CUT COSTS AND CIRCULATE INFORMATION
 - EMAIL BLASTS TO INTERESTED STAKEHOLDERS
 - SOCIAL MEDIA THROUGH VILLAGE OF PALMETTO BAY
- COORDINATE WITH MAJOR STAKEHOLDERS INCLUDING:
 - *VILLAGE OF PALMETTO BAY IBUS - BUS CIRCULATOR SERVICE*
 - *NICKLAUS CHILDREN'S PALMETTO BAY OUTPATIENT CENTER*
 - *OUR LADY OF THE HOLY ROSARY ST. RICHARD CATHOLIC SCHOOL*



TRAFFIC STUDY CONSIDERATIONS

VEHICULAR VOLUMES ON FRANJO ROAD RANGE FROM 455 TO 544 VPH DURING THE AM PEAK PERIOD AND FROM 418 TO 528 VPH DURING THE PM PEAK PERIOD. **CAN FRANJO ROAD/SW 97th AVENUE BE CLOSED DURING CONSTRUCTION? THE ANSWER IS NO!** DIVERTED VEHICULAR VOLUMES FROM FRANJO ROAD TO ADJACENT PARALLEL ROADWAYS WILL NEGATIVELY IMPACT THE RESIDENTIAL NEIGHBORHOODS.

Existing Conditions		Peak Hour Traffic Volumes				Daily Traffic Volumes		
Roadway	Functional Class.	AM Peak Vph	PM peak Vph	Residential Index Vph	Exceeds Index ?	Daily Vpd	Residential Index Vph	Exceeds Index ?
SW 97 Ave-Franjo Rd N. of 180 St.	Collector	544	528	210 - 560	NO	7127	2100 - 5600	YES
SW 98 Ave S. of SW 181 Terr	Local	23	28	105 - 210	NO	240	1050 - 2100	NO
SW 94 Ave N. of SW 180 St	Local	99	64	105 - 210	NO	698	1050 - 2100	NO
Franjo Rd Closed		Peak Hour Traffic Volumes				Daily Traffic Volumes		
Roadway	Functional Class.	AM Peak Vph	PM peak Vph	Residential Index Vph	Exceeds Index ?	Daily Vpd	Residential Index Vph	Exceeds Index ?
SW 97 Ave-Franjo Rd N. of 180 St.	Collector	0	0	210 - 560	N/A	0	2100 - 5600	N/A
SW 98 Ave S. of SW 181 Terr	Local	215	215	105 - 210	YES	2735	1050 - 2100	YES
SW 94 Ave N. of SW 180 St	Local	235	195	105 - 210	YES	2480	1050 - 2100	YES

TRAFFIC STUDY CONSIDERATIONS

CAN FRANJO ROAD/SW 97th AVENUE BE CONVERTED TO ONE-LANE ONLY DURING CONSTRUCTION? **THE ANSWER IS YES!** DIVERTED VEHICULAR VOLUMES FROM FRANJO ROAD TO THE ADJACENT PARALLEL ROADWAYS WILL NOT SIGNIFICANTLY IMPACT THE RESIDENTIAL NEIGHBORHOODS.

Franjo Rd One Lane Open		Peak Hour Traffic Volumes				Daily Traffic Volumes		
Roadway	Functional Class.	AM Peak Vph	PM peak Vph	Residential Index Vph	Exceeds Index ?	Daily Vpd	Residential Index Vph	Exceeds Index ?
SW 97 Ave-Franjo Rd N. of 180 St.	Collector	380	235	210 - 560	NO	4990	2100 - 5600	NO
SW 98 Ave S. of SW 181 Terr	Local	80	130	105 - 210	NO	1750	1050 - 2100	NO
SW 94 Ave N. of SW 180 St	Local	140	135	105 - 210	NO	1945	1050 - 2100	NO

PUBLIC TRANSIT ISSUES TO CONSIDER

TRANSIT – VILLAGE IBUS CIRCULATOR, ROUTE B

- CLOSING FRANJO ROAD WILL REQUIRE REALIGNING ROUTE B.
- CONVERTING FRANJO ROAD TO A ONE-LANE ONLY MAY REQUIRE FULL OR PARTIAL REALIGNING ROUTE B.
- SHIFT ROUTE B TO THE WEST OF FRANJO ROAD, PROVIDES THE SAME SERVICE.
- NO SIGNIFICANT IMPACT TO EXISTING NEIGHBORHOODS.



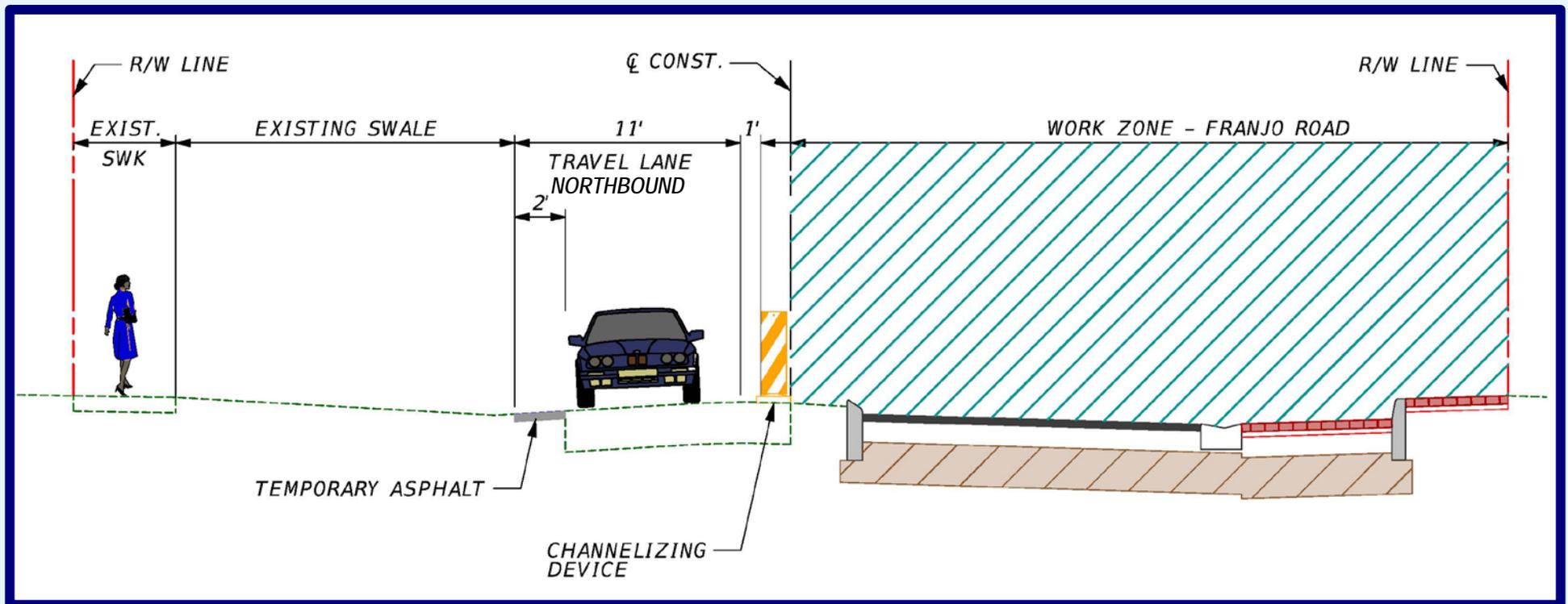
TRAFFIC CONTROL PLANS

PHASE I:

- MAINTAIN TRAFFIC ALONG NB FRANJO ROAD IN ACCORDANCE WITH FDOT INDEX 600, 602, 613 AND 660.
- INSTALL TCP DEVICES, TEMPORARY EROSION/POLLUTION CONTROL, TEMPORARY MARKINGS & SIGNAGE.
- DETOUR FRANJO ROAD SOUTHBOUND TRAFFIC.
- CONSTRUCT ROADWAY, DRAINAGE, SIDEWALK, LIGHTING, ETC. & PLACE ASPHALT EXCEPT FOR FINAL LIFT.
- PLACE TEMPORARY MARKINGS ON NEWLY CONSTRUCTED PAVEMENT TO ACCOMMODATE THE TRAFFIC PATTERN SHOWN IN PHASE II.

PHASE IB: (CONCURRENT WITH PHASE I)

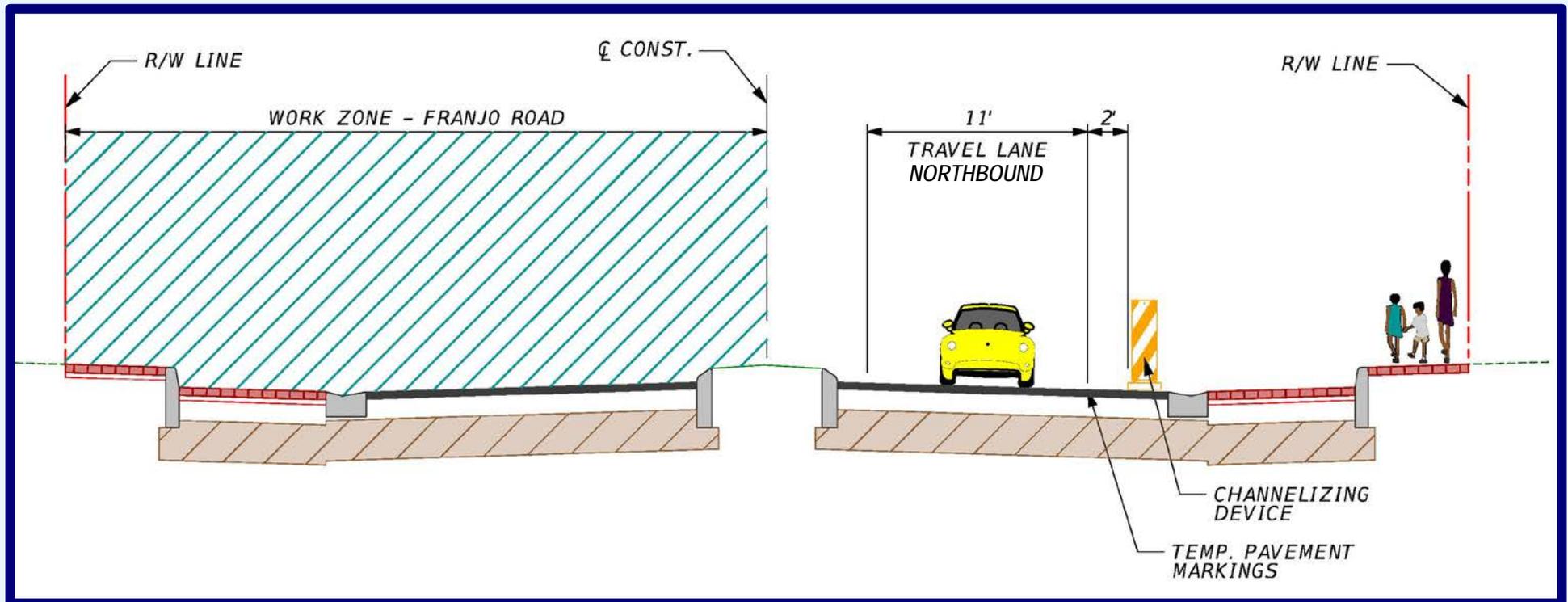
- CONSTRUCT ROADWAY, DRAINAGE, SIDEWALK, LIGHTING, ETC. ALONG SW 180th, SW 179th, SW 178th STREET AND PARK DRIVE



TRAFFIC CONTROL PLANS

PHASE II:

- CFE WILL MAINTAIN TRAFFIC ALONG NB FRANJO ROAD IN ACCORDANCE WITH FDOT INDEX 600, 602, 613 AND 660.
- INSTALL TCP DEVICES, TEMPORARY EROSION/POLLUTION CONTROL, TEMPORARY MARKINGS AND SIGNAGE.
- DETOUR SB FRANJO ROAD TRAFFIC.
- CONSTRUCT ROADWAY, DRAINAGE, SIDEWALK, LIGHTING, ETC. & PLACE ASPHALT EXCEPT FOR FINAL LIFT.
- PLACE TEMPORARY MARKINGS ON NEWLY CONSTRUCTED PAVEMENT.



TRAFFIC CONTROL PLANS



LEGEND:



- FRANJO ROAD CONSTRUCTION (NORTHBOUND TRAFFIC ONLY)
- FRANJO ROAD SOUTHBOUND DETOUR
- PORTABLE CHANGEABLE MESSAGE SIGN



CONSTRUCTION CONSIDERATIONS

PRECONSTRUCTION:

- DETERMINE SAFE PEDESTRIAN ROUTES TO SCHOOLS AND TRANSIT STOPS
- IDENTIFY ANY RESIDENTS /WORKERS WITH SPECIAL NEEDS (MEDICAL, TRANSPORTATION, ETC.)
- DETERMINE RESIDENT, BUSINESS AND EMERGENCY VEHICLE ACCESS REQUIREMENTS
- ESTABLISH CRITICAL PATH ACTIVITIES AND PROCURE LONG-LEAD TIME MATERIALS
- ESTABLISH PROJECT SPECIFIC QUALITY CONTROL MEASURES

DURING CONSTRUCTION:

- ESTABLISH AND MAINTAIN SAFE ROUTES FOR PEDESTRIANS AND VEHICLES THROUGHOUT THE WORK ZONE
- MAINTAIN SAFETY AND CONVENIENCE BY WORKING IN SEGMENTS AND PROVIDING DAILY CLEANUP
- IMPLEMENT CONSTRUCTION CONTROLS FOR NOISE, VIBRATION AND DUST
- MAINTAIN ACCESS TO ALL PROPERTIES AT ALL TIMES
- PROVIDE PROJECT UPDATES TO ALL STAKEHOLDERS ON A WEEKLY BASIS

POST-CONSTRUCTION:

- COMPLETE PUNCH LIST AND FINAL WALK-THROUGH
- TURN OVER ALL STARTUP AND MAINTENANCE MANUALS TO THE VILLAGE
- PROVIDE FINAL CLEANUP AND RESTORATION

UNDERGROUND UTILITIES

- ✓ CFE'S TEAM HAS SPENT CONSIDERABLE TIME & RESOURCES COORDINATING WITH EXISTING UTILITIES AND PROPOSED DEVELOPMENTS ALONG THE FRANJO ROAD CORRIDOR.
- ✓ COORDINATED EXTENSIVELY WITH EL ATLANTICO APARTMENTS AND INCORPORATED THEIR PROPOSED IMPROVEMENTS INTO THE CONCEPTUAL PLANS.
- ✓ MET WITH STAFF FROM FPL, AT&T AND COMCAST TO DETERMINE THE COSTS TO CLEAR FRANJO ROAD FROM OVERHEAD FACILITIES AND BURY THEM UNDERGROUND

- ✓ OUR TEAM HAS RECEIVED IN WRITING FROM EACH OF THE UTILITIES THE COST TO UNDERGROUND THEIR RESPECTIVE LINES WITHIN THE PROJECT'S LIMITS, WHICH ALSO INCLUDES THE COST TO BURY THE SERVICES WITHIN EACH PROPERTIES ACCOUNT.
- ✓ ALL UTILITIES AGREED TO FAST-TRACK THEIR WORK IN ORDER NOT TO IMPACT FRANJO ROAD'S PROJECT SCHEDULE

Re: FRANJO OH TO UG CONVERSION

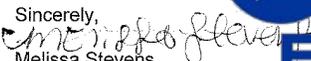
Dear Mr. Mendez:

In response to your request for a cost estimate on March 16, 2017, to convert overhead lines to underground on Franjo Rd., the non-binding "ballpark" estimate is \$400,000.00. This amount is an "order of magnitude" estimate only. This estimate is not an offer from FPL to perform the requested work and should not be construed or used as such for detailed planning purposes. It is provided strictly to assist your preliminary decision making. FPL shall not be held liable for any variations that may occur between this "order of magnitude" estimate and any detailed cost estimates that may subsequently be provided by FPL.

Should you desire to pursue this matter further by requesting a "binding" detailed Engineering Cost Estimate, an engineering deposit in the amount of \$1,320.00 will be required. This request must be made in writing and shall specify, in detail, the scope of work to be included in the estimate. Binding Detailed Engineering Cost Estimates are valid for six months and subject to change in the event of a work scope change.

Should you pay an engineering deposit and elect to have the work performed (the work included in the estimate for which the deposit was paid), that deposit will be applied to the FPL work order as Customer Contribution in Aid of Construction (CIAC). This applied amount would contribute toward the total CIAC amount determined by the detailed cost estimate, if the CIAC is paid while the estimate is valid. If you elect not to have that work performed, or if no CIAC payment is made while the estimate is valid, the deposit will be withheld by FPL to defray a portion of FPL's cost to produce the estimate. Should additional detailed estimates be required for work not included in the original request, you may be required to pay any additional FPL engineering costs to produce those estimates.

Should you have any questions or wish to consider a binding cost estimate, please call me at 305-387-6667.

Sincerely,

Melissa Stevens
Engineer II



SCHEDULE – DESIGN/CONSTRUCTION

FRANJO ROAD SCHEDULE																			
Activity	Duration	Start Date	End Date	17-Jul	17-Aug	17-Sep	17-Oct	17-Nov	17-Dec	18-Jan	18-Feb	18-Mar	18-Apr	18-May	18-Jun	18-Jul	18-Aug	18-Sep	18-Oct
Contract Execution & NTP	30	7/1/2017	7/31/2017																
60% Design & Review	80	8/1/2017	10/20/2017																
100% Design & Review	55	10/20/2017	12/14/2017																
Permitting	90	10/20/2017	1/17/2018																
Temporary MOT Setup	20	12/14/2017	1/3/2018																
Undergrounding of Above-Ground Utilities	150	8/1/2017	12/31/2017																
Phase 1 - East Side & New Loop Roads	195	11/17/2017	6/2/2018																
Phase 2 - West Side	120	6/2/2018	8/31/2018																
Phase 3 - Landscaping, Street Furnishings & Striping	45	8/31/2018	10/15/2018																
Final Completion	10	10/15/2018	10/25/2018																



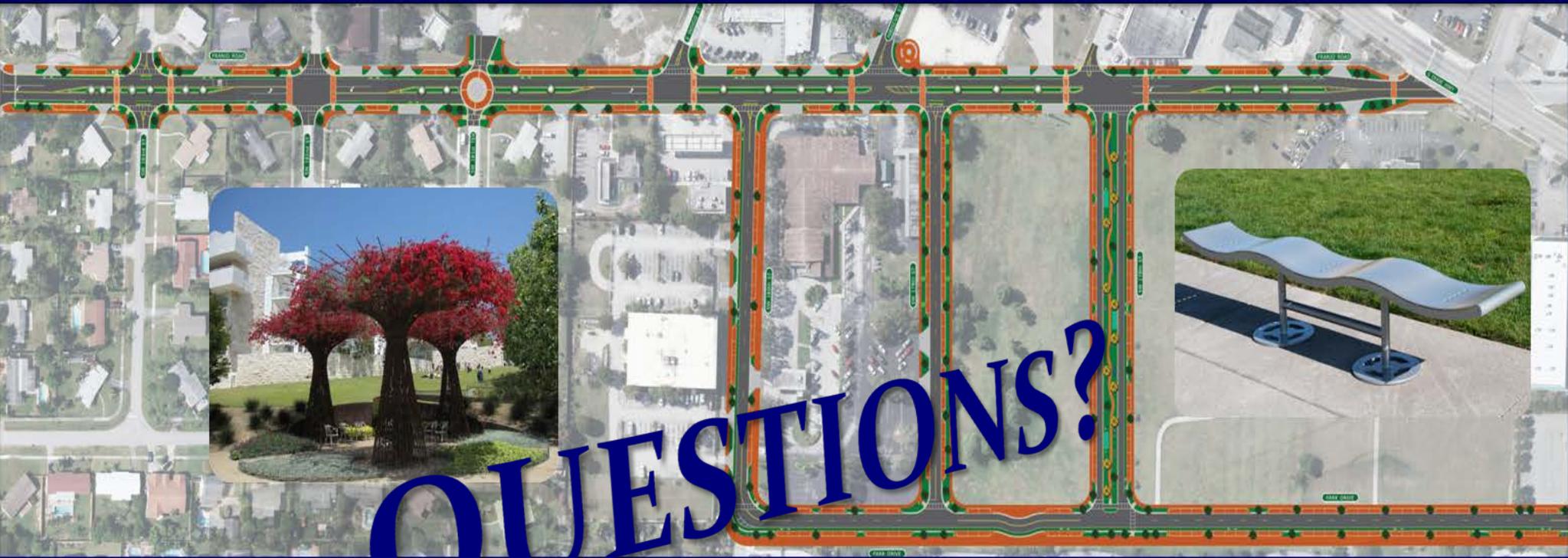
WHY WE ARE THE BEST TEAM

- ❖ *WE ARE SOUTH FLORIDA AND PALMETTO BAY LOCALS*
- ❖ *WE HAVE ALREADY MET WITH FPL, COMCAST AND AT&T REPRESENTATIVES TO JUMP START THE OVERHEAD LINES UNDERGROUNDING PROCESS*
- ❖ *WE HAVE MORE EXPERIENCE WITH TIME AND BUDGET SENSITIVE PROJECTS THAN ANY OF OUR COMPETITORS*
- ❖ *WE HAVE OVER 200 PERSONNEL AVAILABLE AND READY TO START NOW*

***SINCERE DESIRE TO CONTINUE SERVING
THE VILLAGE OF PALMETTO BAY***



ROADWAY & COMPLETE INFRASTRUCTURE IMPROVEMENTS (FRANJO ROAD PROJECT) RFP No.: 1617-11-003



QUESTIONS?



TULPISEAT
BY: TULPI DESIGN

TULPISEAT
BY: TULPI DESIGN

TULPIBIN
BY: TULPI DESIGN

TULPIBIN
BY: TULPI DESIGN

TULPISEAT
BY: TULPI DESIGN

TULPI

ROAD SIGN COLORS • BENCH AND TREE • BENCH AND LIGHT

LOVE	SMILE	JOY
HAPPY	HEALTHY	FRESH
PASSION	ENERGY	POWER
MAGIC	PURE	

TULPISEAT AND TULPIBIN
AVAILABLE COLORS

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

CURTIS + ROGERS
DESIGN STUDIO, INC.
1901 WINDY BREEZE
MIAMI BEACH, FL 33156

VILLAGE OF PALMETTO BAY

ROAD NO. COUNTY STREET NAME

MIAMI - DADE FRANJO ROAD

(SHEET NO. 1617-11-003)

LANDSCAPE PLANS