

PENSACOLA BEACH

Improving Transportation

AUGUST 27, 2020

PUBLIC MEETING
PENSACOLA BEACH FIRE STATION
5:30 P.M.



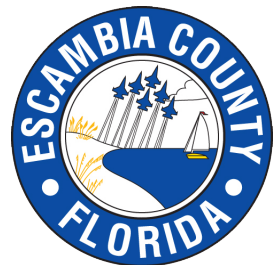
AGENDA

- SUMMER TRAFFIC REVIEW
- PROPOSED PROJECTS
- CROSSWALK STUDY- VIA DE LUNA DRIVE
- YOUR TRANSPORTATION IDEAS



2020 TRAVEL TO THE BEACH

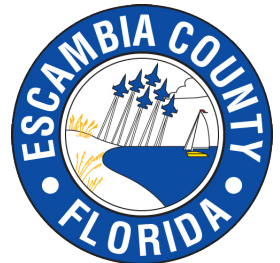
2019			2020		
DATE	DAY	DAILY VEHICLES	DATE	DAY	DAILY VEHICLES
3/30	Saturday	20,334	3/14	Saturday	20,002
4/27	Saturday	20,853	5/16	Saturday	20,224
5/18	Saturday	21,802	5/23	Saturday	20,900
5/25	Saturday	21,434	5/30	Saturday	20,437
5/26	Sunday	20,590	6/12	Friday	21,469
6/22	Saturday	21,740	6/13	Saturday	21,860
7/4	Thursday	20,392	6/14	Saturday	20,229
7/5	Friday	20,572	6/19	Friday	20,722
7/6	Saturday	21,692	6/20	Saturday	21,970
7/27	Saturday	21,011	7/11	Saturday	20,233
8/3	Saturday	20,149	7/18	Saturday	20,917
			8/1	Saturday	21,546



PEAK TRAVEL TO THE BEACH

CASH TOLL		NO TOLL	E-TOLL
MAY 18, 2019 (21,802)		JULY 6, 2019 (NO CASH)	JUNE 20, 2020 (21,970)
TIME	TOTAL	TOTAL	TOTAL
9:00	1,860	1,754	2,004
10:00	1,924	1,843	1,947
11:00	1,695	1,793	1,696
12:00	1,577	1,594	1,636
TOTAL	7,056	6,984	7,283

- **PEAK PERIOD DAYS OVER 7,000 VEHICLES: 1 IN 2019 VS. 8+ IN 2020**



HIGHER VOLUMES ON DAILY BASIS

May 1 st to August 25 th	2019	2020
AVERAGE WEEKDAY	15,022	14,201
WEEKEND	17,990	17,865

- **PEAK HOUR MOVED FROM 10AM TO 9AM BETWEEN 2019 AND 2020**

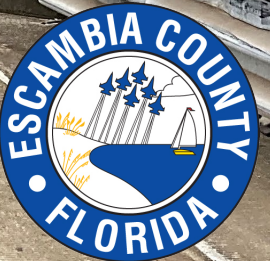


TOLL PLAZA

E-Toll Conversion
COC Pass Sales
Green Lights
VMB Signage
Window Lettering
Sign Removal
Toll Cameras- NB & SB

Live Bridge Video

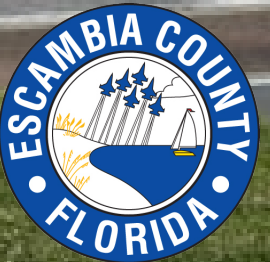
(Click each image for live video)



TRAFFIC SIGNAL OPERATIONS

Reduce Green Time on PBB
to 110 seconds- Increase
cycle turnover and longer
green time in afternoon for
Ft. Pickens Road

Ongoing monitoring of signal
operations



SIGNAL OPERATIONS

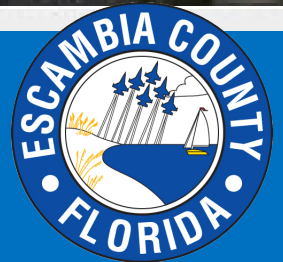
Live Casino Beach Parking
Lot camera to inform
travel behavior

<https://myescambia.com/pensacola-beach>

Proposed cameras:
At CR399/US98

Live Video from South Harbour

(Click image for live video)



INFORMED TRAVEL

Travel Time to the Beach

<https://myescambia.com/pensacola-beach>

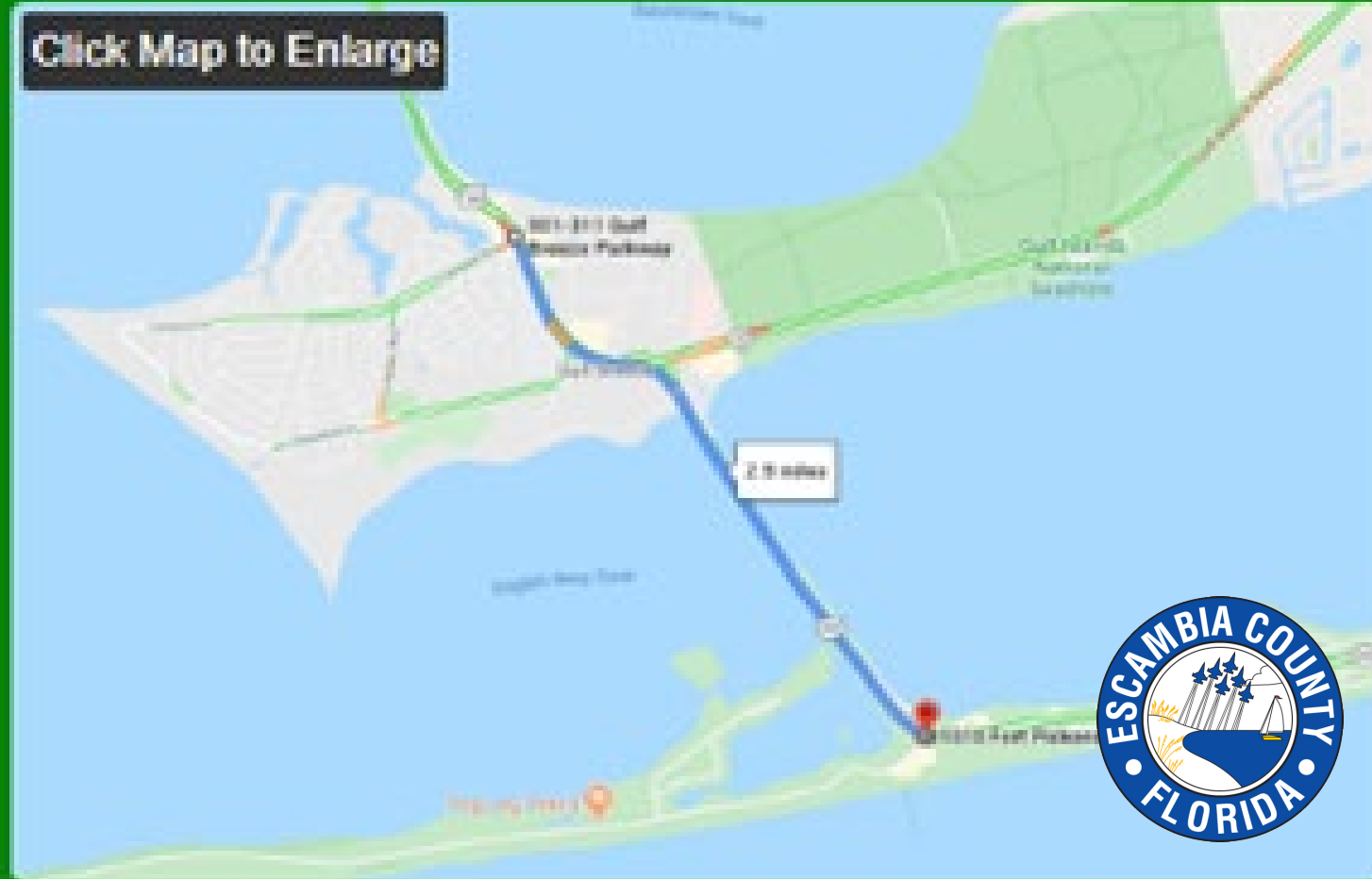
Proposed: Time Travel data collection via BlueToad Devices at Portifino and Park West

Estimated Travel Time

Gulf Breeze to
Pensacola Beach

7 Minutes

Click Map to Enlarge



PEDESTRIAN OPERATIONS

Reduced crossing time for RRFB flashing (30s to 21s)

Added signage to inform drivers to proceed when clear



IMPROVE TRAFFIC FLOW/OPERATIONS

Beach Access Road Project

- 2 lanes between Mom's Beach to BSB Fishing Pier
- Continuous sidewalk

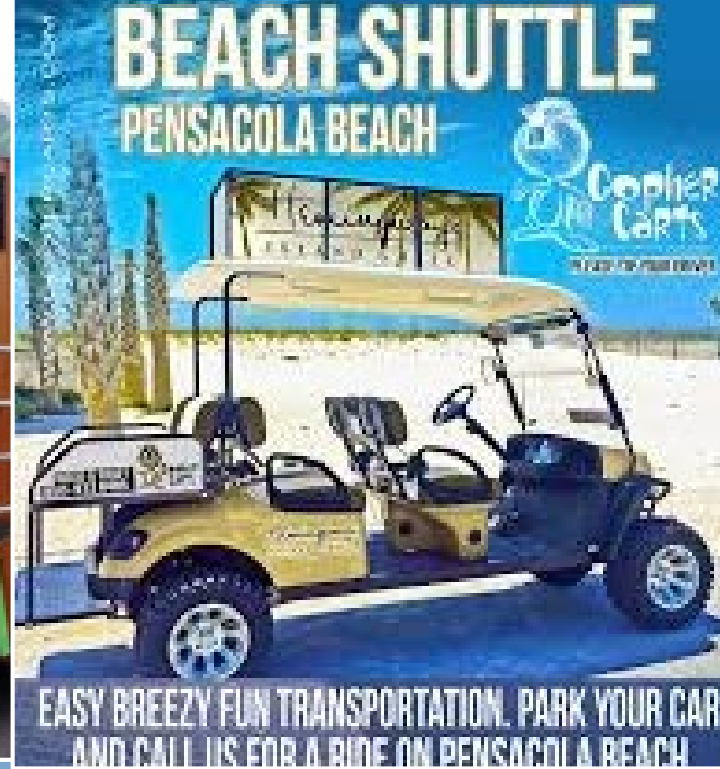
Final Plans	August 2020
Advertise	September 2020
Open Bids	October 2020
BCC Award	November 2020
Construction	Est. 7-Months



NO CAR NEEDED

Promote non-vehicular modes

Beach Trolley- FREE
Memorial Day to Labor Day
7 days/week, 4pm-12am
130,000 rides in 2019



Private Beach Shuttles-
On-Demand – FREE

Beach Ferry- \$20
3-4 rides/day Peak Season



TRANSPORTATION EDUCATION CAMPAIGN

Encourage Off-Peak Travel
Days/Times

Visit Camera website before
you travel

Transit/Ferry Campaign



INCREASE PARKING

Existing 14 Public Parking Lots
= 3,139 spaces

Casino Beach- Exist 1,252
spaces

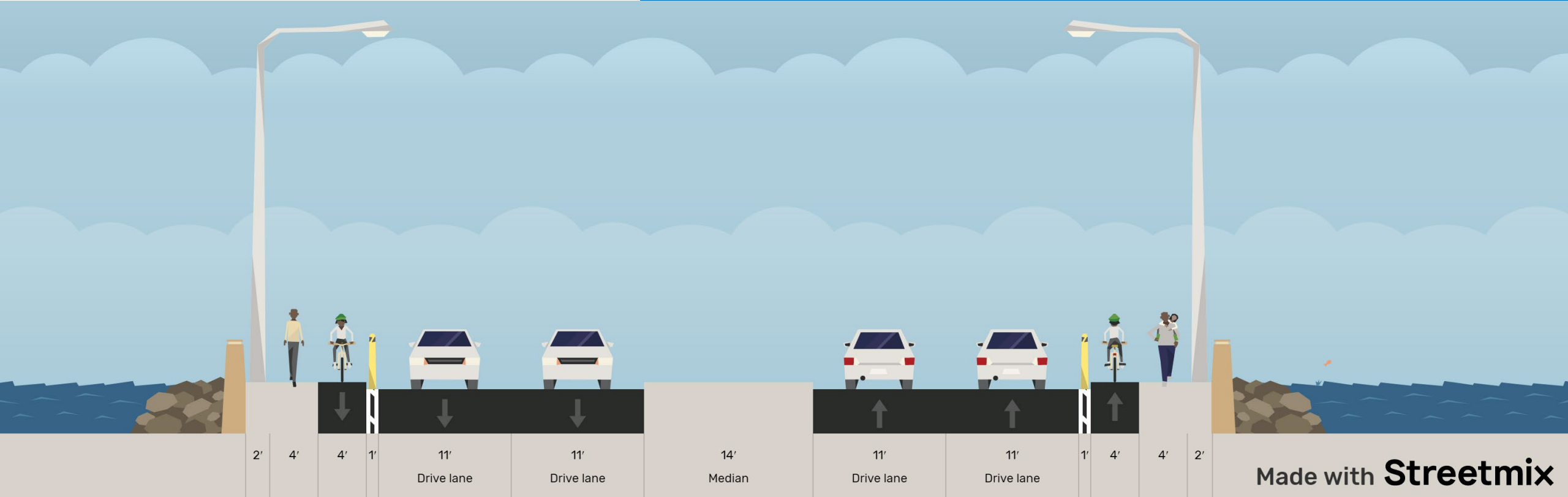
Modify Casino Beach
+ 120 spaces

45° Parking
One-Way Aisles



IMPROVE SAFETY FOR PEDS/BIKES

Restripe BSB to include
protected ped/bike lane



IMPROVE SAFETY FOR PEDS/BIKES

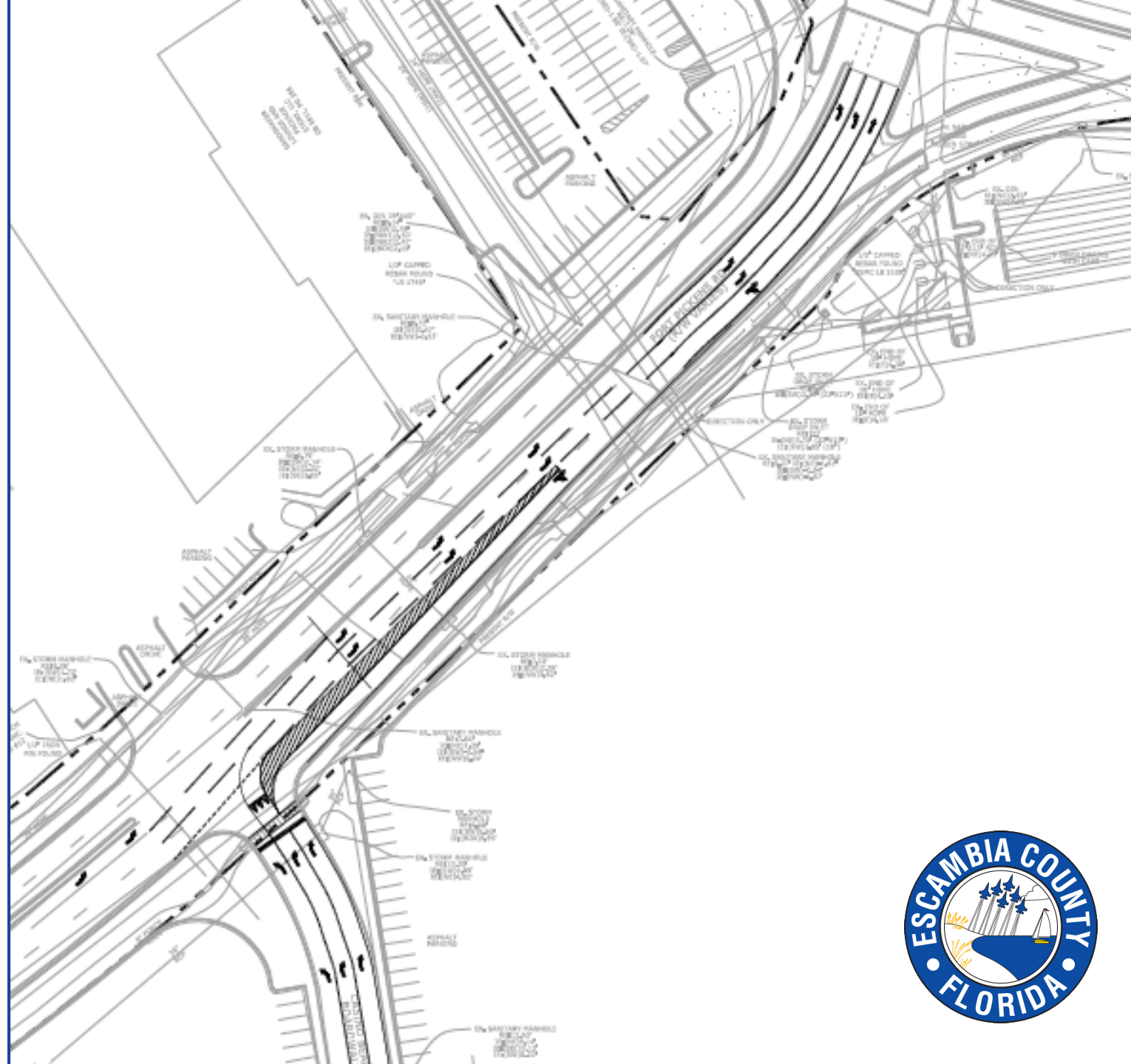
Improve bike lane/trail
markings with striping along
Pensacola Beach
Southbound:
Marina to Frisky Dolphin



REDUCE DELAY: CASINO BEACH EXIT

Reconfigure Fort Pickens Road Approach

Restriping provides exclusive
right turn exit out of Casino
Beach & provides more
storage for Fort Pickens
Road



DECREASE DELAY to FORT PICKENS

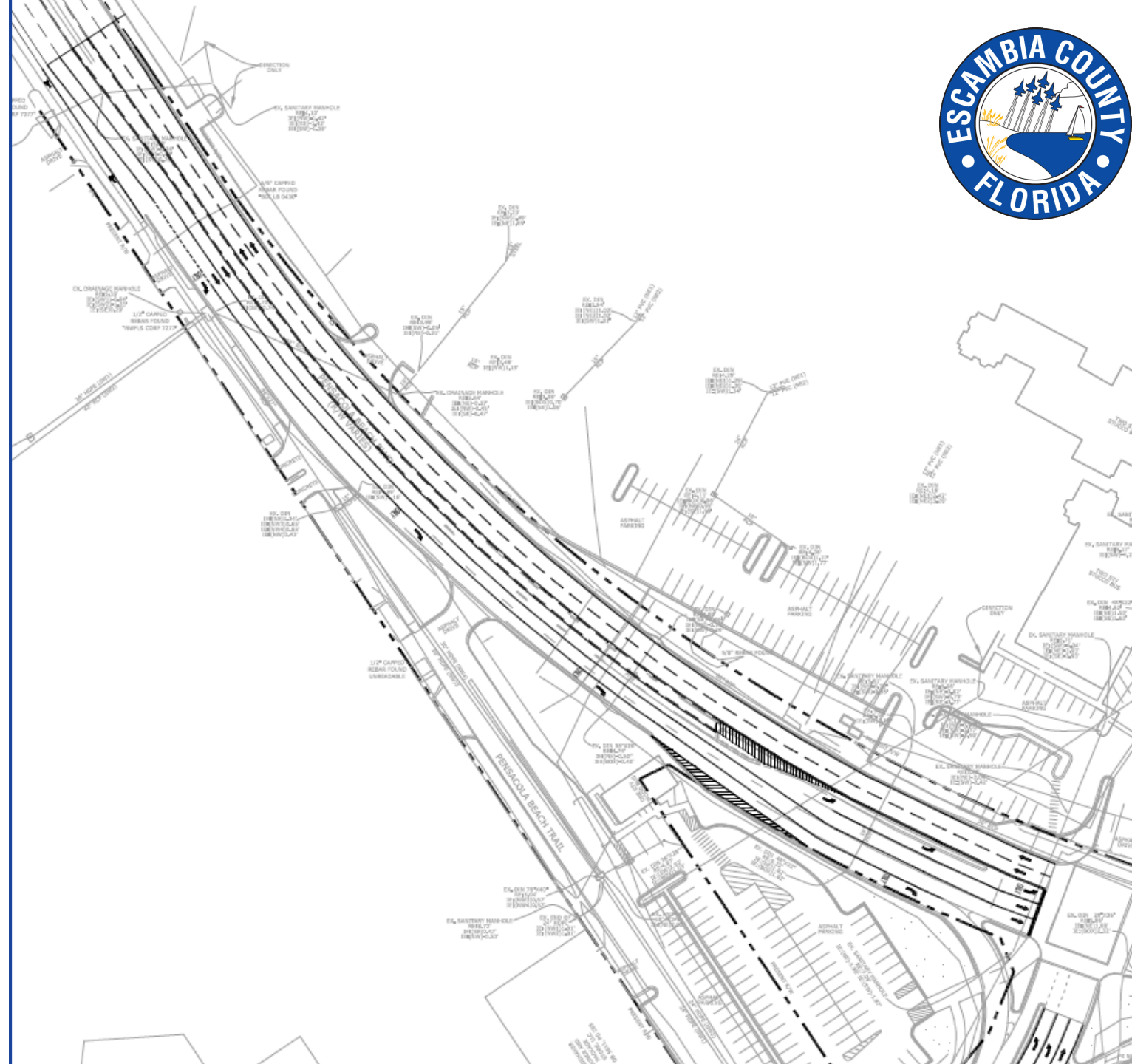
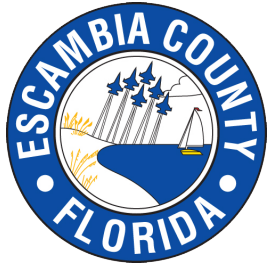
Sat. 5/23/20 of Memorial Day

9-10AM Peak Hour

123 Left
870 Thru
581 Right

Gulf Power Duct Bank Project
2020-February 2021

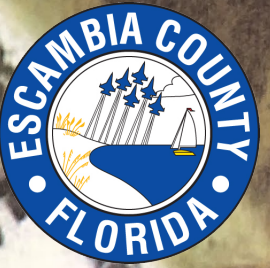
800' Extension
Re-stripe 10'/11' Lanes



IMPROVE TRAFFIC FLOW/OPERATIONS

Add U-Turn South of Toll
Plaza

Restrict Driveways to Right-
in/Right-out/Left-in Only





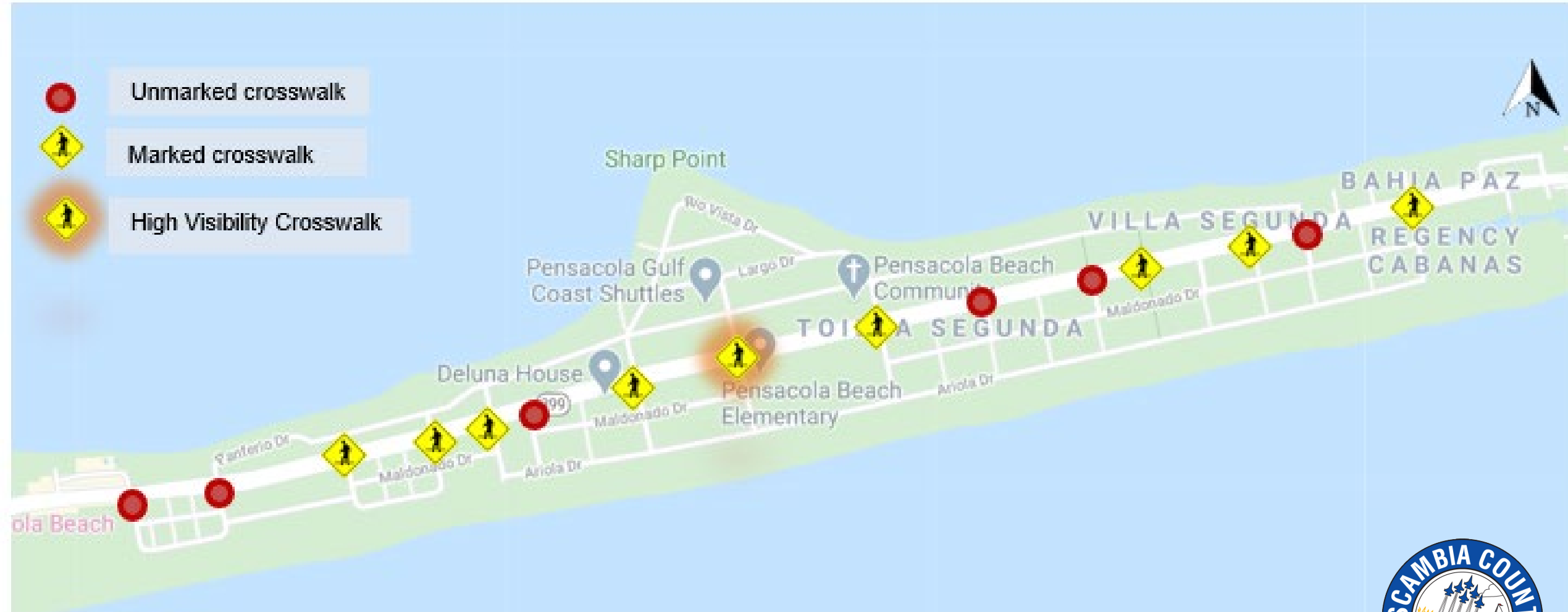
PROJECTS: (Off Season 20-21)

1. Restripe FPR/Casino Beach Exit
2. Education Campaign- Social Media/Web blast/etc
3. Create dedicated ped/bike lane on BSB by re-striping
4. Improve Multi-Use Path Striping/Signage
5. Construct Beach Access Road
6. Construct U-Turn & R/O Driveways along NB PBB
7. Restripe Casino Beach Parking : Increase capacity
8. Extend SB Rt-Turn Lane by restriping PBB

Evaluating...

- ECAT/Beach Trolley Service Upgrades
- Smart Parking Casino Beach
- Redesign Pensacola Beach Blvd: BSB to Fort Pickens Rd

AVEINDAS CROSSWALKS



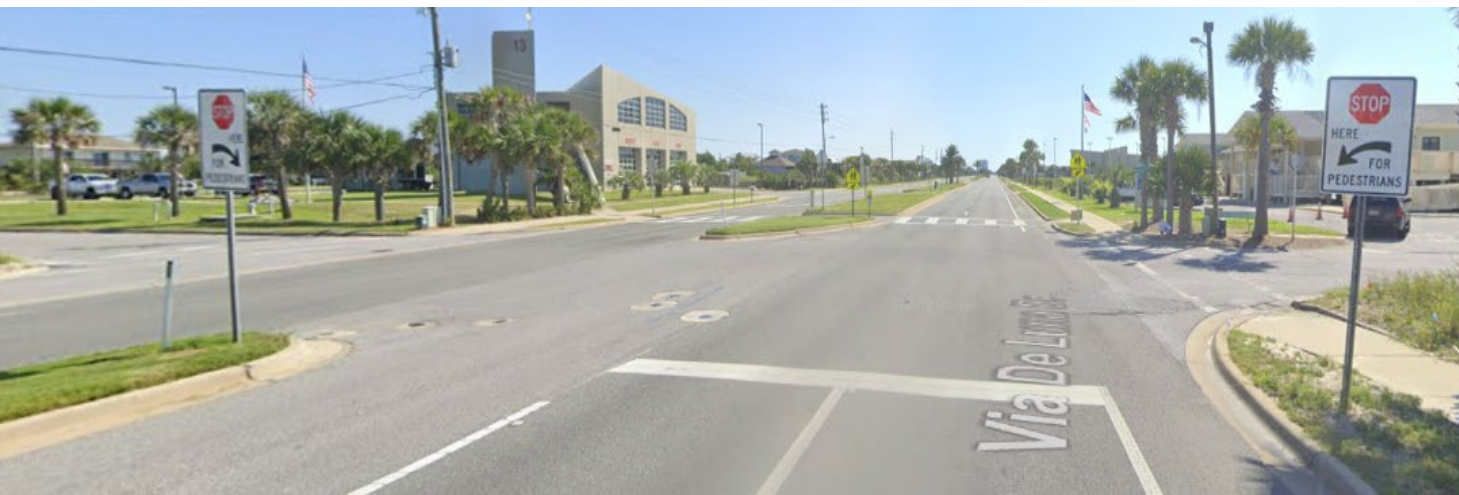


3 EXISTING TYPES

UNMARKED



MARKED



HIGH-VISABILITY

4 WARRANT FACTORS

Proximity to Significant Generators

Pedestrian –Vehicle Crash History

Distance between Crossings

Pedestrian Demand



TABLE 1: PEDESTRIAN COUNTS (SATURDAY, JUNE 13, 2020)		
LOCATION	TYPE OF PED CROSSING	TOTAL CROSSING in PEAK HOUR (11am-12pm)
Avenida 11	Unmarked	3
Avenida 12	Marked	4
Avenida 13	Marked	1
Avenida 14	Marked	1
Avenida 15	Unmarked	3
Avenida 16	Marked	2
Avenida 17	High-Vis Marked	4
Avenida 18	Marked	21
Mid-Block b/w 18-19	Unmarked	2
Avenida 19	Unmarked	5
Mid-Block b/w 19-20	Unmarked	4
Avenida 20	Unmarked	10
Mid-Block b/w 20-21	Marked	1
Avenida 21	Marked	2
Avenida 22	Unmarked	13
Avenida 23	Marked	22



4 WARRANT FACTORS

Proximity to Significant Generators
Only School/Church at Ave 17

Pedestrian –Vehicle Crash History
0 Fatal/4 injury crashes at Ave 17

Distance between Crossings
400 Feet to 1/3rd Mile

Pedestrian Demand
More than 20 ped/hour- Ave 18 & 23



THANK YOU

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Looking forward to hearing your ideas for
improving transportation

