



# Padre Boulevard Median, Sidewalk, Boardwalk, and Traffic Signal Construction

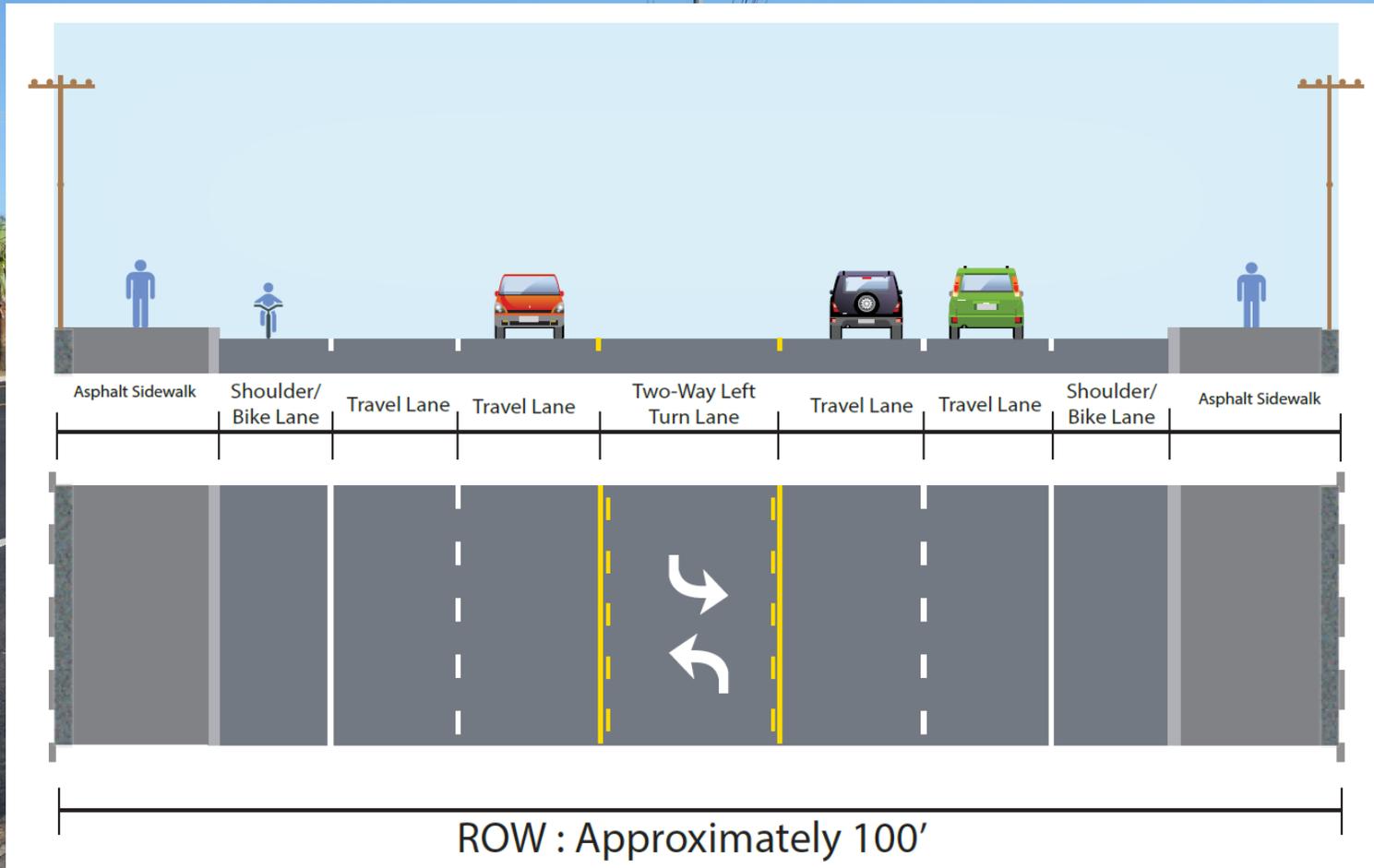
Public Workshop  
May 28, 2010

Tom Grant, P.E., PTOE  
Katherine Utecht, PLA, LI  
Kimley-Horn and Associates, Inc.

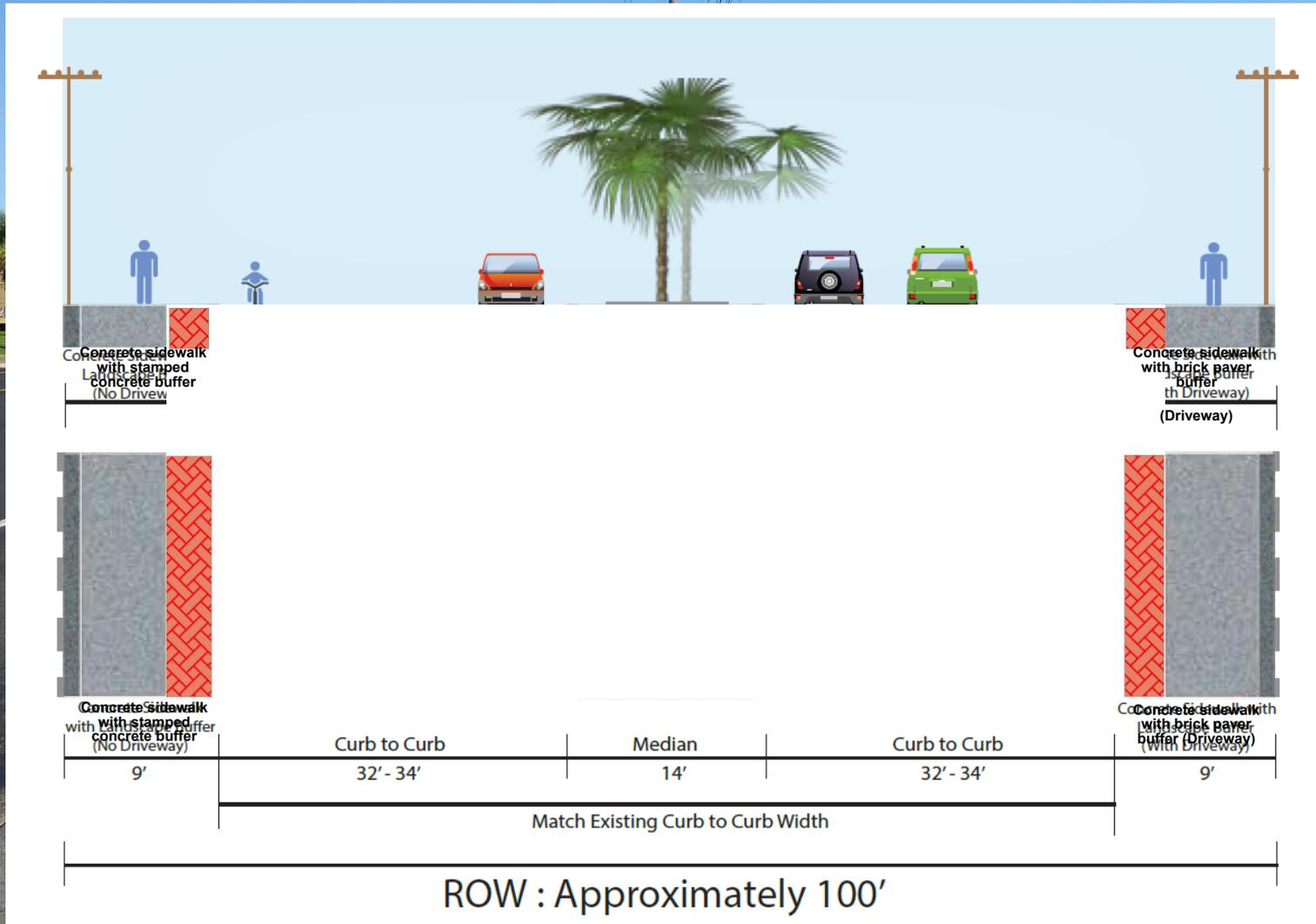
**Kimley»Horn**



# Previous Cross Section



# Proposed Cross Section



# Public Involvement

## PR 100 (Padre Blvd) Median, Boardwalk, and Sidewalk Improvements COMMENT SHEET

Please provide us your contact information(optional).

Name: \_\_\_\_\_ Phone #: \_\_\_\_\_  
 E-mail: \_\_\_\_\_ Address: \_\_\_\_\_

Questions / Comments:

What interested you in attending tonight's public meeting?

For additional questions/comments, please contact  
 Darla Jones at 956-761-8107  
 or by email at [DJones@MySPI.org](mailto:DJones@MySPI.org).



**SOUTH PADRE ISLAND**  
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 (956) 761-8106 \* (956) 761-3888 fax

Contact:  
 Angelique "Nikki" Soto  
[NSoto@myspi.org](mailto:NSoto@myspi.org)  
 (956) 761-8106

**PR 100 Open House scheduled**

**South Padre Island, TX, May 16, 2018:** The City of South Padre Island will host an Open House meeting to obtain input from the community regarding new medians, traffic light, boardwalks and sidewalks that will extend north. This meeting will be held June 6, 2018 at City Hall, located at [4601 Padre Blvd.](#) at 4 p.m.

**PLANTINGS FOR CURRENT SIDEWALK PROJECT**  
 PR 100 Padre Boulevard Sidewalk Improvements

- Seaside Goldenrod
- Padre Island Mist Flower
- Dwarf Canna
- Wild Petunia
- Trailing Lantana
- Oyster Plant
- Wedelia
- Blue Palm
- Medicinal Beach Fan Palm
- White Plumbago
- Horsemint
- Turk's Cap
- Scarlet Sage
- Shrubby Blue Sage
- Cenizo
- Blush Sunflower
- Seaside Goldenrod
- Indian Mullein

**PROPOSED MEDIAN PL**  
 PR 100 Padre Boulevard Medi and Sidewalk

**BOARDWALK EXAMPLE**  
 South Padre Island Boardwalk and Sidewalk

**FLUSH MEDIAN EXAMPLE (Traffic/Systems/C)**  
 South Padre Island Boardwalk and Sidewalk

**RAISED MEDIAN EXAMPLE**  
 Padre Blvd (PR 100) at Seaside Blvd

**SIDEWALK EXAMPLE**  
 South Padre Island Boardwalk and Sidewalk

**PROPOSED MEANDERING SIDEWALK LOCATION**  
 The Office of South Padre Island

**CROSSWALK EXAMPLE (Traffic/Systems/C)**  
 South Padre Island Boardwalk and Sidewalk

**CROSSING SIGN EXAMPLE**  
 TAMCO  
 Rectangular Flashing (R) Sign  
 Pedestrian Crossing (W1-2)  
 TAMCO  
 Rectangular Flashing (R) Sign  
 Pedestrian Crossing (W1-2)  
 TAMCO  
 Rectangular Flashing (R) Sign  
 Pedestrian Crossing (W1-2)



**BOARDWALK EXAMPLE**



South Padre Island Birding and Nature Center

**BOARDWALK EXAMPLE**



South Padre Island Birding and Nature Center

**FLUSH MEDIAN EXAMPLE (TrafficPatternsXD)**

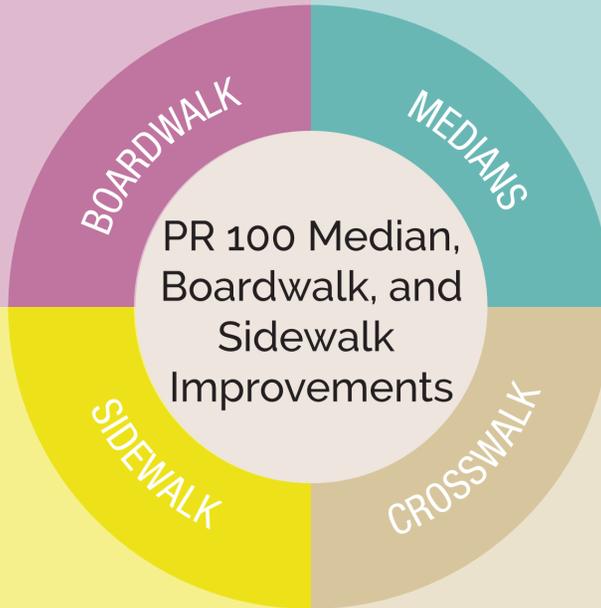


TrafficPatternsXD Example by Ennis-Flint

**RAISED MEDIAN EXAMPLE**



Padre Blvd (PR 100) at Swordfish St



**SIDEWALK EXAMPLE**



South Padre Island Convention Center

**PROPOSED MEANDERING SIDEWALK LOCATION**



The Shores at South Padre Island

**CROSSWALK EXAMPLE (TrafficPatternsXD)**



White Chapel Rd at Continental Blvd

Southlake, Texas

**CROSSING SIGN EXAMPLE**

**TAPCO**  
TRAFFIC & PARKING CONTROL CO., INC.

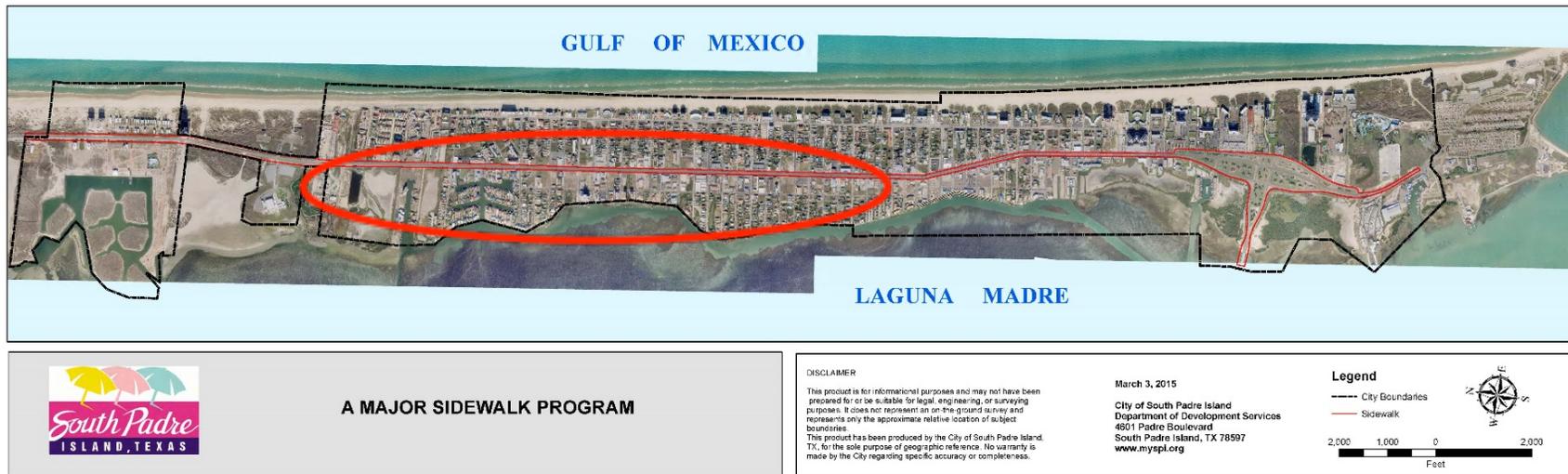
**BlinkerSign® Flashing LED Sign  
Pedestrian Crossing W11-2**

- Installs easily onto any new or existing sign post or poles MUTCD Compliant
- Solar Powered, no AC power required
- 24 /7 Operation, but active and passive activation methods are available
- Perimeter LEDs draw attention to the sign face

Flashing LEDs get noticed day and night  
TAPCO's brilliant innovation of enhancing traffic signs with LEDs is light emitting Diodes makes crosswalks safer, reduces accidents and saves lives! Day/Night  
(Day/Night Visible) Blinkersigns feature an array of proprietary bright LEDs that flash in unison, once per second, commanding the attention of drivers day and night.

TAPCO Brochure for Flashing LED Pedestrian Crossing Sign

# Proposed Medians



- 2.4 miles of proposed medians

- Flush Median (~1,600ft | ~5 blks | ~1/3 mi)

- 1,150 ft from Villas Haciendas to SPI Birding Center / Hilton

- 450 ft from Parade Dr to Clipper Ln

- Raised Landscaped Median (~11,000ft | ~2 mi)

**Kimley»Horn**



# Raised Median Example

## Proposed Plant Images



Sabal Palm  
*Sabal mexicana*



Fan Palm  
*Chamaerops humilis*



Blue Palm  
*Sabal minor*



Pygmy Date Palm  
*Phoenix roebelenii*



Windmill Palm  
*Trachycarpus Fortunei*



Mexican Poiniana  
*Caesalpinia mexicana*



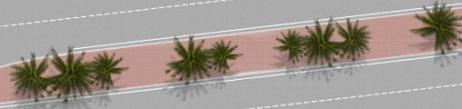
Texas Poiniana  
*Caesalpinia peltorum*



Bird of Paradise  
*Caesalpinia gilliesii*



Butterfly Bush  
*Buddleia sp.*



GRAPHIC SCALE IN FEET  
0 10 20 40



Dwarf Cenizo  
*Leucophyllum frutescens*



Firebush  
*Hamelia erecta*



Lantana  
*Lantana horrida*



Turk's Cap  
*Malvaviscus arboreus*

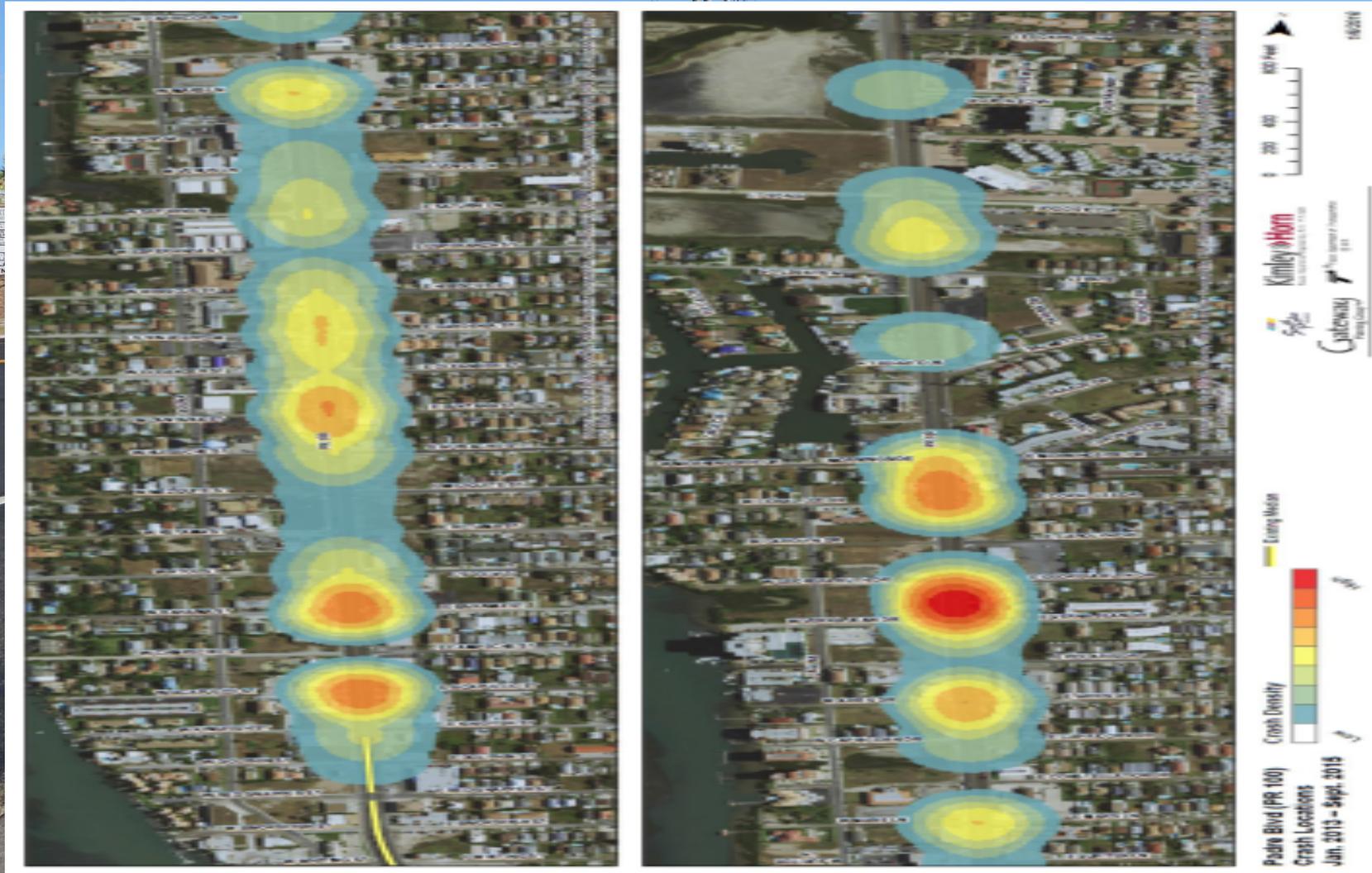


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# Why Medians?

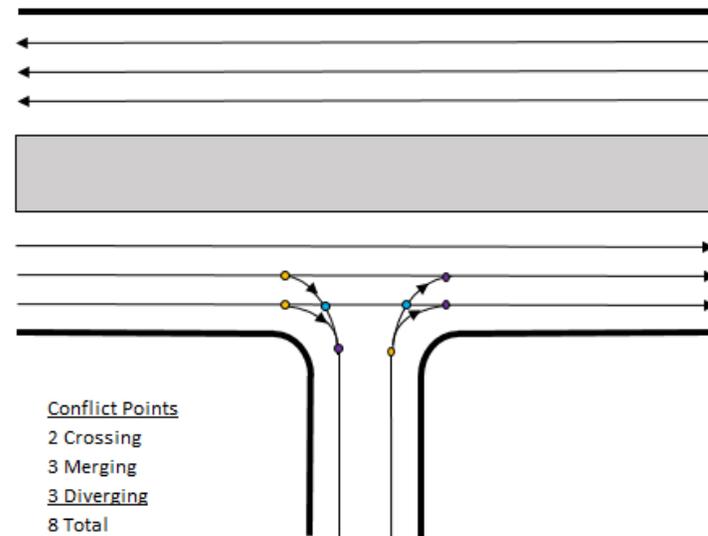
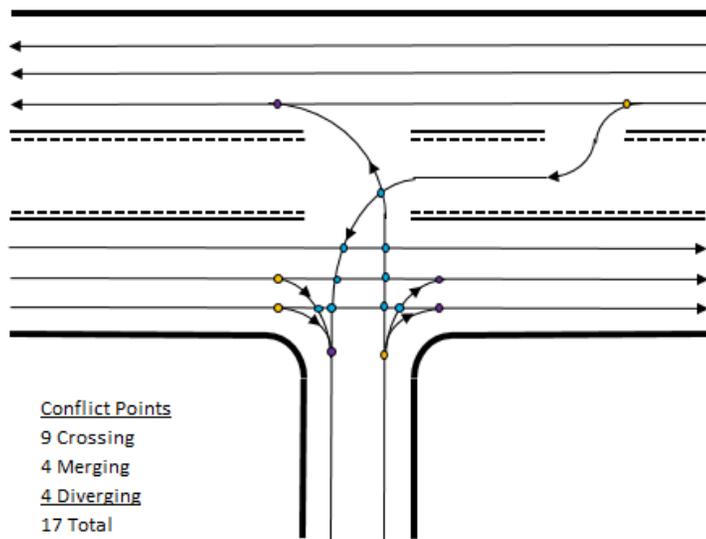
- Improve safety and aesthetics
- “Based on studies, it can be concluded that roadways with a nontraversable [raised] median have an average crash rate about **30 percent less** than roadways with a Two-Way Left Turn Bay.” TxDOT Access Management Manual – July 2011

# Study Area Crash History

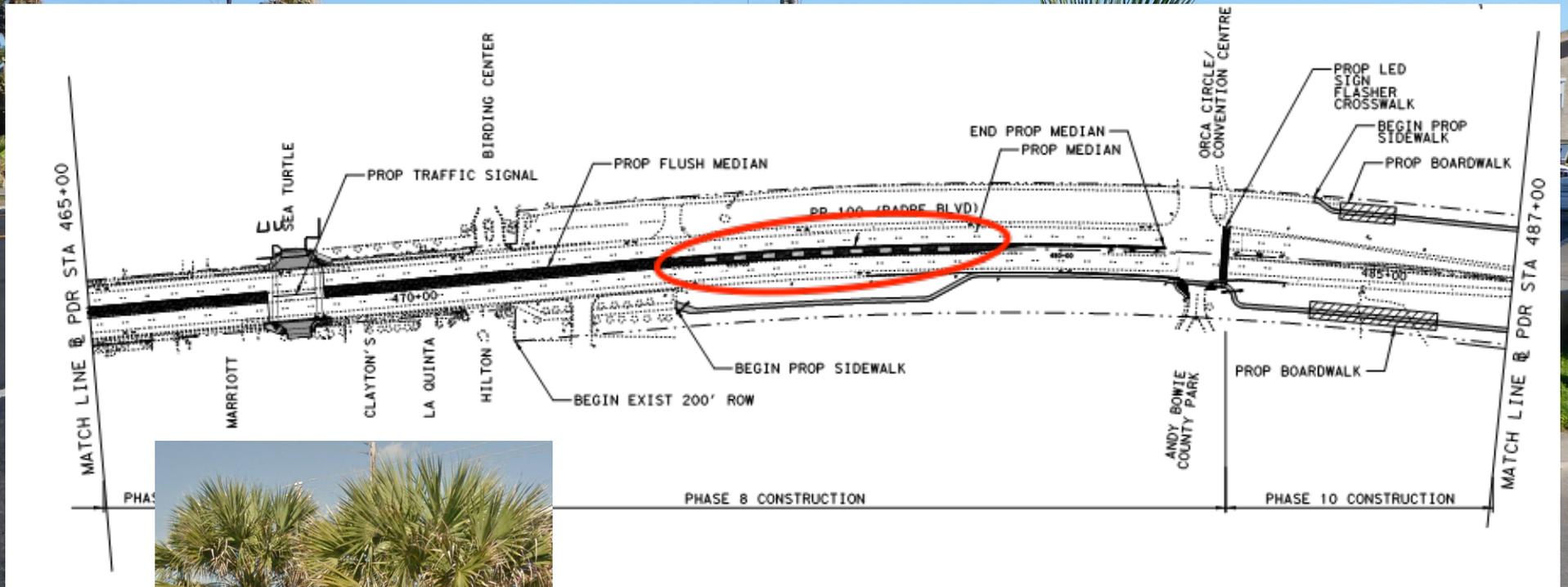


# Conflict Point Analysis

• Conflict point reduction from 2,682 to 1,567 (42%) with medians



# Proposed Additional Raised Median with Landscaping



Kimley & Horn

South Padre ISLAND

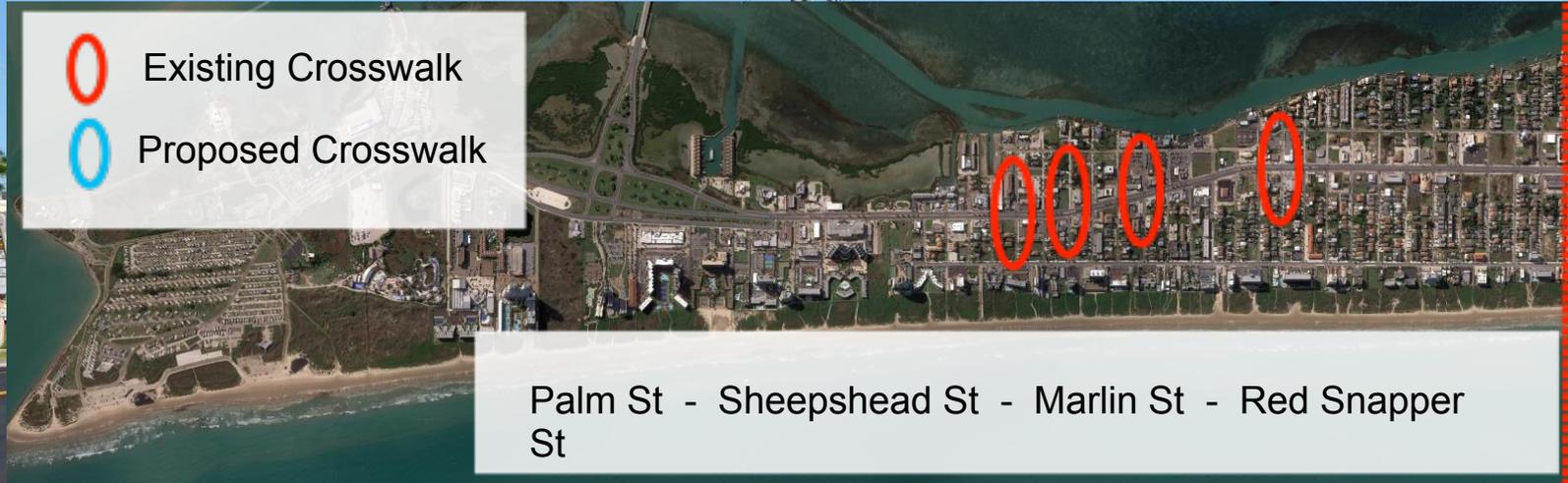
# Enhanced Crosswalk Locations



Existing Crosswalk



Proposed Crosswalk



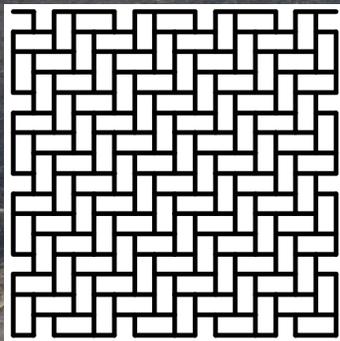
Palm St - Sheepshead St - Marlin St - Red Snapper St



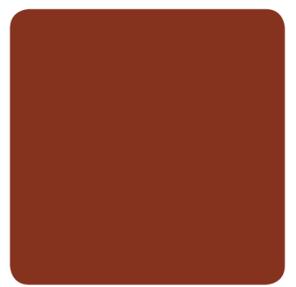
Hibiscus St - Aries Dr - Convention Centre - Shores Midblock - SPI Equestrian Centre

# Enhanced Crosswalk Details

Traffic Patterns XD Crosswalk



Standard Herringbone



Heritage Red

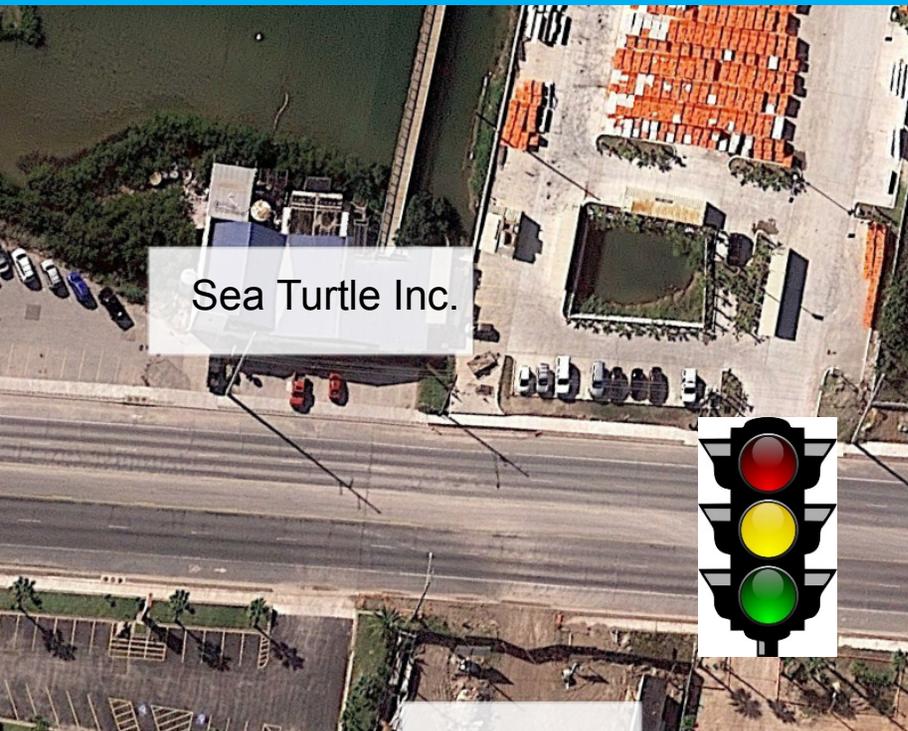


Median Nose Crosswalk Sign



Flashing LED Crosswalk Assembly

# Proposed (Approved) Traffic Signal



Sea Turtle Inc.

Birding Center

Marriott

La Quinta

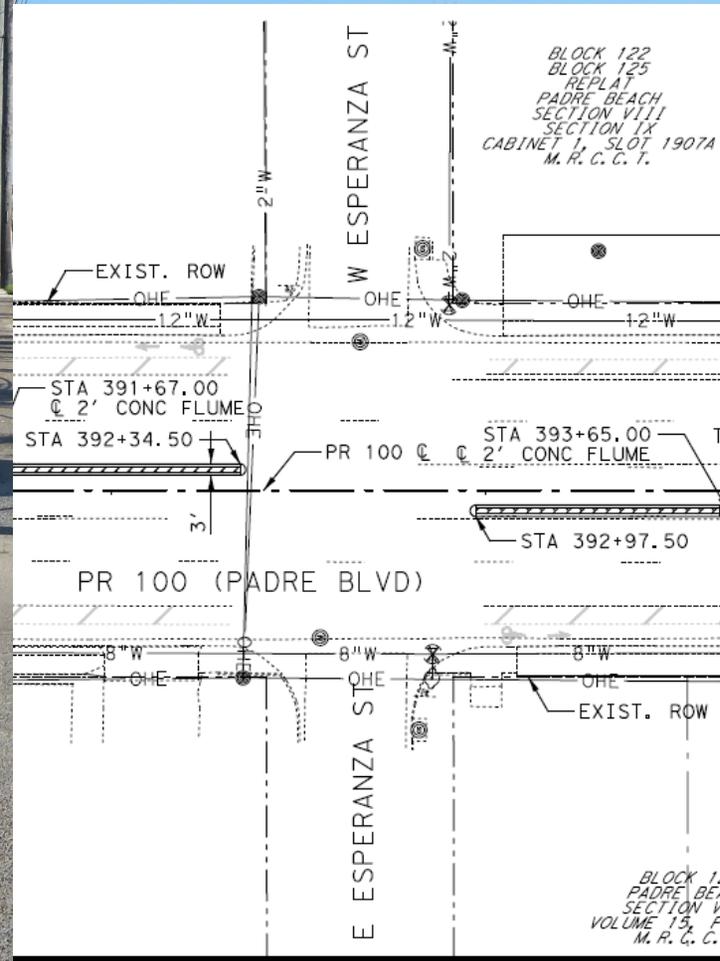
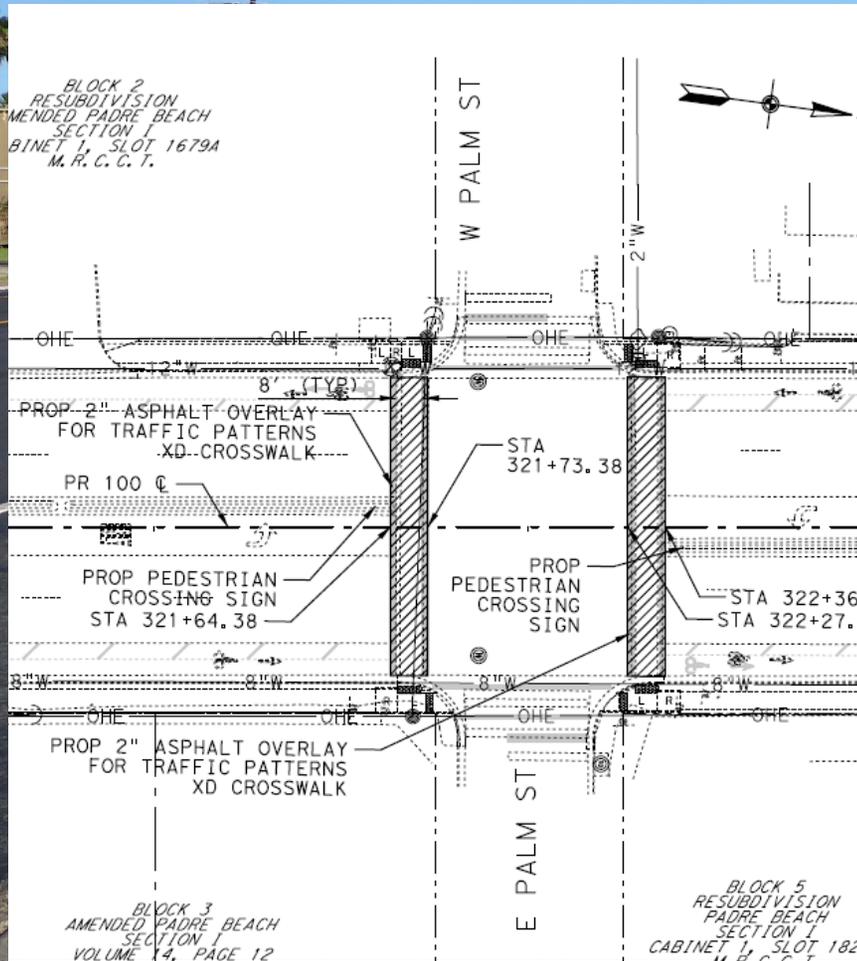
Clayton's Beach Bar



Kimley»Horn



# Potential Additional Traffic Signals (being studied)



Kimley»Horn



# Next Steps

- Finalize plans
- Obtain TxDOT approval
- Continue Franchise Utility Coordination
- Procure Materials Testing
- Bid Project
- Construction