

PROJECT OVERVIEW



Padre/Mustang Island Mobility Plan



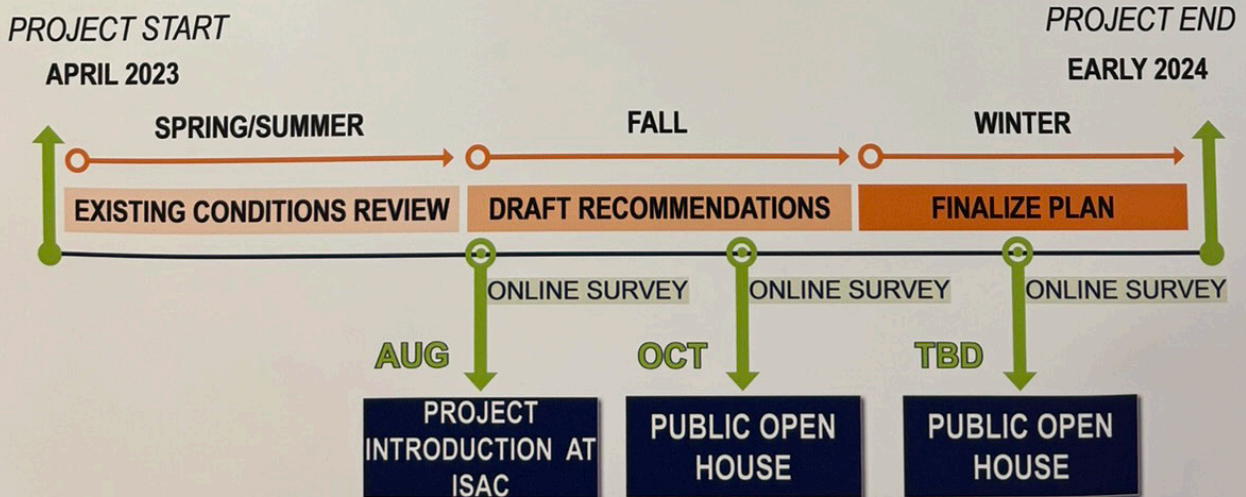
Project Description

The Padre/Mustang Island Mobility Plan was initiated by the City of Corpus Christi to further previous planning efforts conducted for the area.

The Study is analyzing the existing transportation system for walking, cycling, golf cart, and watercraft pathways while taking into consideration the recommendations from previous planning efforts and current development projects.

This Plan will focus primarily on collector and neighborhood streets throughout the area. The Plan is working in close collaboration with TxDOT and the CCMPO to consider potential recommendations for active transportation for the TxDOT owned facilities of PR 22 and SH 361 (if feasible), with the understanding that these corridors ultimately fall under TxDOT's jurisdiction and approval.

Project Timeline





Padre/Mustang Island Mobility Plan

ISLAND MOBILITY GOALS

Padre/Mustang Island Area Development Plan

- 1 Improve traffic flow, island ingress and egress, safety, and roadway quality.
- 2 Accommodate safe, efficient movement of pedestrians, bikes, and golf carts throughout the Island.

Mobility CC

- 1 Integrate street infrastructure that provides balanced transportation options and design features into street design and construction to create safe and inviting environments for all users to walk, bicycle, and use public transportation.
- 2 Create practices that balance transportation options and are a routine part of the City of Corpus Christi's everyday operations.
- 3 Plan and develop a comprehensive and convenient bicycle and pedestrian transportation network.
- 4 Promote bicycle, pedestrian, and public transportation rider safety.
- 5 Make public transportation an interconnected part of the transportation network.
- 6 Provide children with safe and appealing opportunities for walking and bicycling to school in order to decrease rush-hour traffic, and fossil fuel consumption, encourage exercise and healthy living habits in children, and reduce the risk of injury to children through traffic collisions near school.
- 7 Create safe routes to parks and open spaces.
- 8 Ensure that residents of all ages and income levels can walk and bicycle to meet their daily needs.





Padre/Mustang Island Mobility Plan

Online Survey and Map Feedback Summary

Do you feel safe/comfortable walking from the neighborhoods to commercial properties around the Island?



"No sidewalks to get to commercial areas and to high of vehicle traffic"

"I use the wide sidewalks on main streets. Having sidewalks on side streets would be great"

"There is not adequate space in the bike lanes and not protected. So if I am walking with a stroller especially, I am concerned about my safety and a child's"

"There are very few sidewalks or bike lanes. This makes it necessary to walk on the street with traffic"

"Traffic is not bike tolerant"

"No dedicated paths with protection from vehicles who don't care"

Do you feel safe/comfortable sharing the road with vehicles when you ride a bike on the Island?

"I have been hit by a car while bicycling"

"Too many cars parked on streets forcing cyclists into traffic lanes"

"Bike trails would be ideal"



Do you feel safe/comfortable sharing the road with vehicles when you use a golf cart to make trips on the Island?



"Unfortunately I see children under 16 driving and speeding"

"Create different paths for bikes and golf carts"

"Just not enough room on Whitecap to drive on the side and feel there should eventually be a golf cart lane or something"

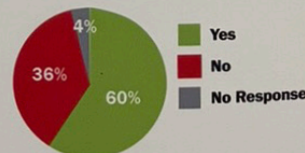
"You have to be very careful even where there are crossing lights vehicles will often not allow you to cross"

"Sidewalks need to be on the main roads, not so much residential streets where traffic speeds are less"

Do you feel safe/comfortable crossing neighborhood streets at intersections?

"They are not marked as crossings, they have no 'pedestrian awareness' signage"

"On neighborhood streets for the most part people will drive responsibly and share the space"



EXISTING CONDITIONS



Padre/Mustang Island Mobility Plan

Existing Urban Transportation Plan





SUPERSTICKY EASELPAD
TABLEAU À FEUILLES MOBILES SUPERCOLLANTES
SUPERADHESIVAS BLOC DE HOJAS REPOSICIONABLES



30

25 IN/PO x 30 IN/PO
63.5 cm x 76.2 cm
5.2 SQ FT/PI² (0.48 m²)



Eliff does not currently
connect to windward (as shown)
NEEDS to be connected
Golf cart/Bike

Need to connect Eliff to
Access Road 6
Golf cart/Bike

Cattysack St./Cruiser St. existing speed limit is 25 mph

Why are the speed limits so freaking high?

20-25 Residential

30 on whitecap & 40 on PR 22 are more appropriate

→ +1 Residential streets should be 25 mph

Need 3 lane divided Hwy on Park Rd 22

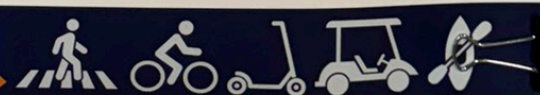
Lower speed limit to 40-45 on Park Rd 22

* speed limit is 55 @ Bridge



Padre/Mustang Island Mobility Plan

Posted Speed Limits





Padre/Mustang Island Mobility Plan

Existing and Previously Planned Sidewalk & Bicycle Facilities



Please DO NOT pour water from macaroni and/or ramen in the fountain. Thank you.

PLAY





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3M

COMMENTS

Local Street A - Would prefer an option for all pedestrian to
share.

Make sure Development Services incorporates
mobility with building permits.

Please include Speed Humps and
Street lighting to slow traffic

Please make any lighting migratory bird
and human melatonin compatible

3000°K

Residential A, please share a map of
proposed area.

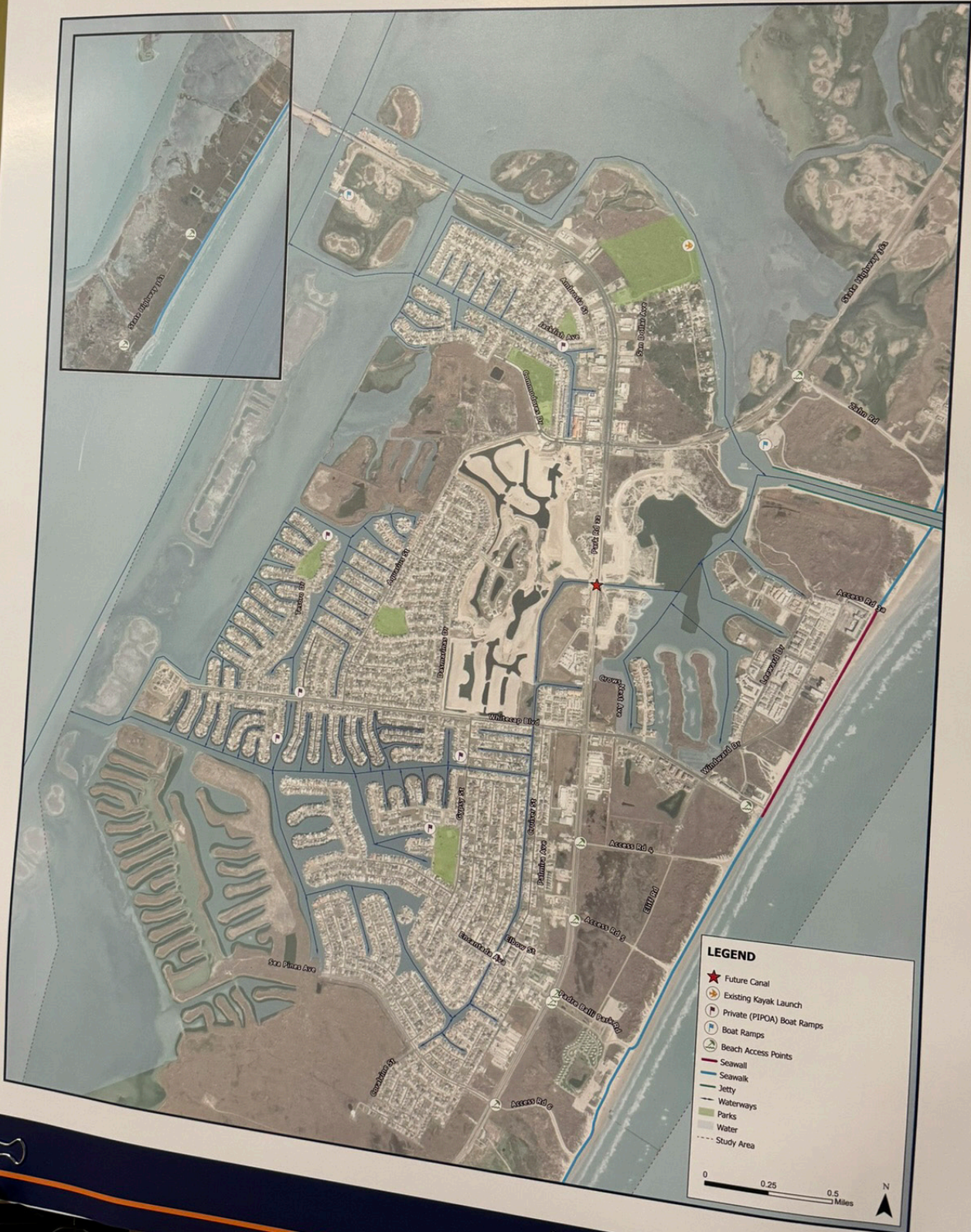
Define sections per plan

Neighborhood A, bike lane outside parking? Move inside/remove



Padre/Mustang Island Mobility Plan

Existing Waterways/Canals & Access Points



105

FOOD PREP

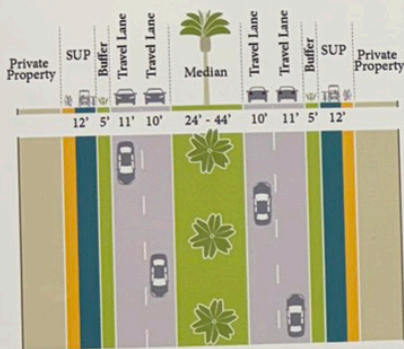
DRAFT NETWORK RECOMMENDATIONS



Padre/Mustang Island Mobility Plan

Residential Blvd - A

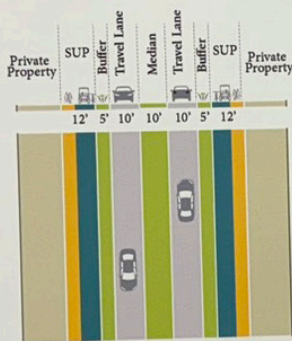
Shared Use Path 12' (24'-44' Median)
Curb-to-Curb 100'-120'



Aquarius St
Commodores Dr
Windward Dr

Residential Blvd - B

Shared Use Path 12' (10' Median)
Curb-to-Curb 64'

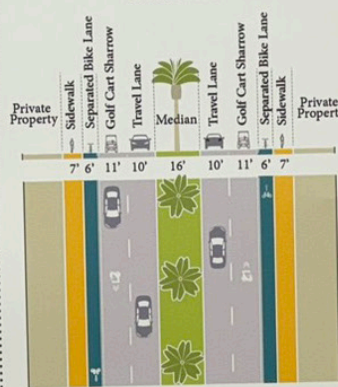


Access Rd 2
Access Rd 4
Access Rd 5
Access Rd 6
Coral Vine St

Crows Nest Ave
Eliff Rd
Padre Balli Park Rd
San Dollar Ave
Zahn Rd

Residential Blvd - C

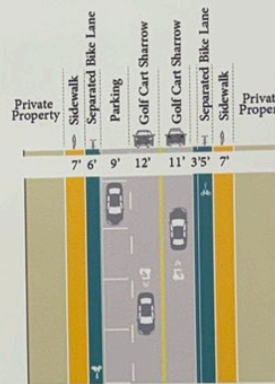
Bike Lane & Sidewalk (Both Sides)
Curb-to-Curb 84'



Sea Pines Ave
Whitecap Blvd

Neighborhood St - A

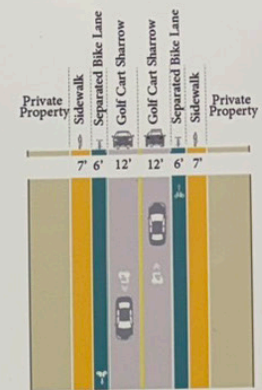
Bike Lane & Sidewalk (Parking One-Side)
Curb-to-Curb 60'



Leeward Dr
St Bartholomew Dr
Winward Dr

Neighborhood St - B

Bike Lane & Sidewalk (Both Sides)
Curb-to-Curb 50'



Aquarius St
Dasmarias Dr
Encantada Ave

Gypsy St
Palmira Ave





Padre/Mustang Island Mobility Plan

Local Street - A

Sidewalk (Both Sides)
Curb-to-Curb 40'



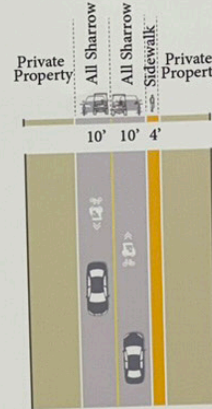
Local Street - A Option 2

Bike Lane (Both Sides)
Curb-to-Curb 40'



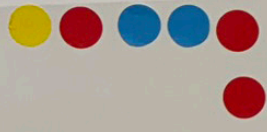
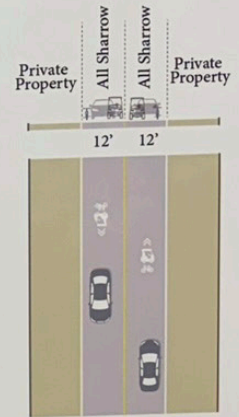
Local Street - B

All Sharrow
Curb-to-Curb 24'

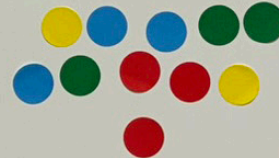


Local Street - B Option 2

All Sharrow
Curb-to-Curb 24'



THIS
OR
THAT



THIS
OR
THAT





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- THE WATER EXCHANGE BRIDGE WAS BUILT W/ GOLF CART ACCESS BUT CURRENT PLAN SHOW NO GOLF CART PATHS UNDER THE BRIDGE.
- WOULD LIKE TO GET A GOLF CART FROM ISLAND RESIDENTIAL AREAS TO DOC'S (JFK BRIDGE).
- Clarify Dedicated Facilities. Is it only Whitecap, Commodores and Windward?
- Connect Access Road 6 to E.I. TX via Park w/ golf cart/bike
- insure connection of E.I. TX to windward at Access Road 4
- Bicycle > Golf Cart
- Nature Preserve (North East)
- Golf Cart access needed to connect Whitecap Development area to Businesses (Rock & Rolls, JB's German Bakery/Merida's Tapes - New Bridge)
- access to Loma Alta Plaza businesses is missing. (Scallobutts/Gelato Shop)
- No access to J.P. Lobby
- Make bike connection along Palmira between Encantada + Sea Pines



Padre/Mustang Island Mobility Plan

DRAFT Proposed Sidewalk Network





Padre/Mustang Island Mobility Plan

DRAFT Proposed Golf Cart/NEV Network





Padre/Mustang Island Mobility Plan

DRAFT Proposed Bicycle Network





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3M

- ① Love the proposed Golf Cart/NEV Network but it would be even better to have a way to get golf carts to Doc's + Snoopy Pier from N. Padre Is.
- ② Need golf cart access from south of Whitecap Blvd to JB's and other businesses north of JB canal.

GOAL: GET FROM SEA PINES TO
SONIC AND MARKER 37 ON
A 35 MPH ST. - ACCESS
ON BOTH SIDES

See map for
Sonic & Marker 37

Consider
1-way traffic

* Traffic lights
@ Vistasanta
w/ permission
from community

Permit for
Paper St
Parallel
to Northside

Sea wall does
not connect
to South Beach
w/o trespassing

Access A
Padre Balli
Paper St
Parallel
on Northside

Viento del Mar

Drain Proposed Highway Network

- TxDOT Facility*
- Residential Blvd - A
- Residential Blvd - B
- Residential Blvd - C
- Proposed Residential Blvd - A
- Proposed Residential Blvd - B
- Proposed Residential Blvd - C
- Neighborhood St - A
- Neighborhood St - B
- Proposed Neighborhood St - B
- Local Street - A
- Local Street - B
- Proposed Local Street - B
- Parks
- Water
- Study Area

