



CITY OF CORPUS CHRISTI  
**DEVELOPMENT  
SERVICES**

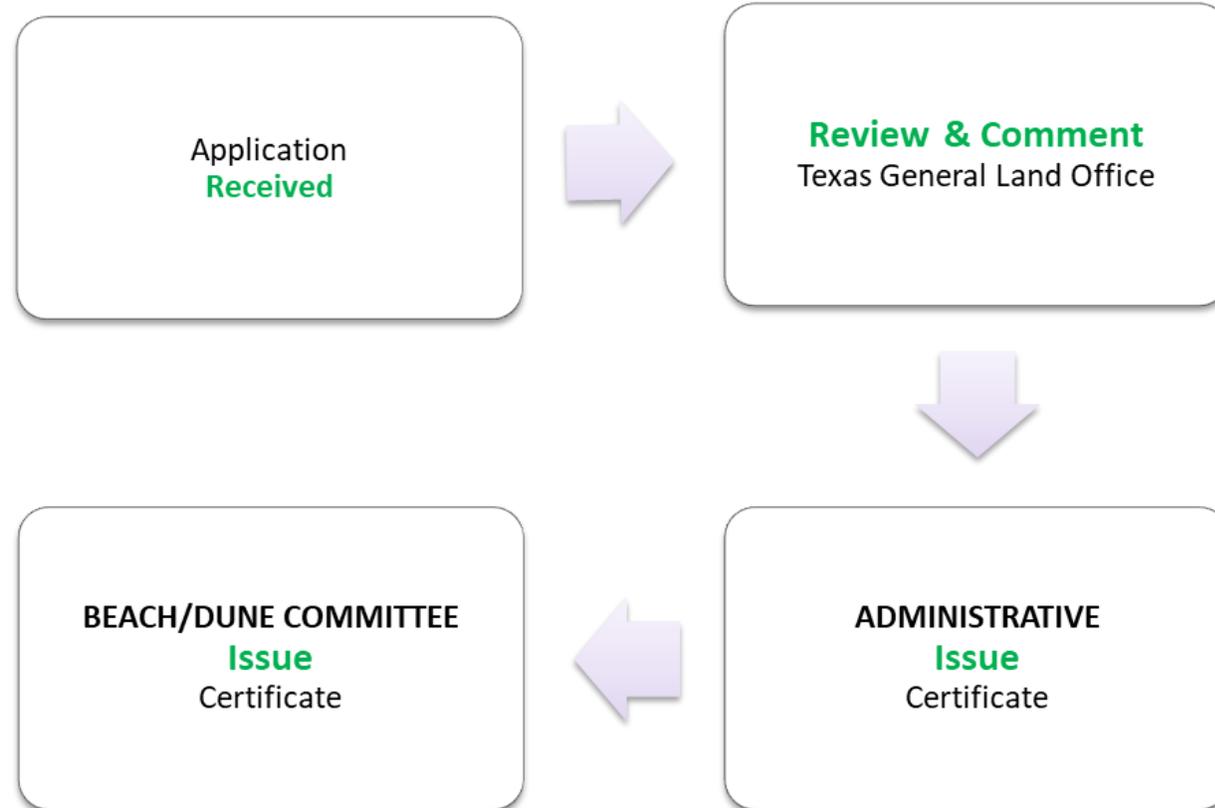
City of Corpus Christi  
Large-Scale  
New Beach Access Road

- Construction activities are within 1,000 feet landward of mean high tide
- OR seaward of the first public road

WHICHEVER IS GREATER



# BCC Process

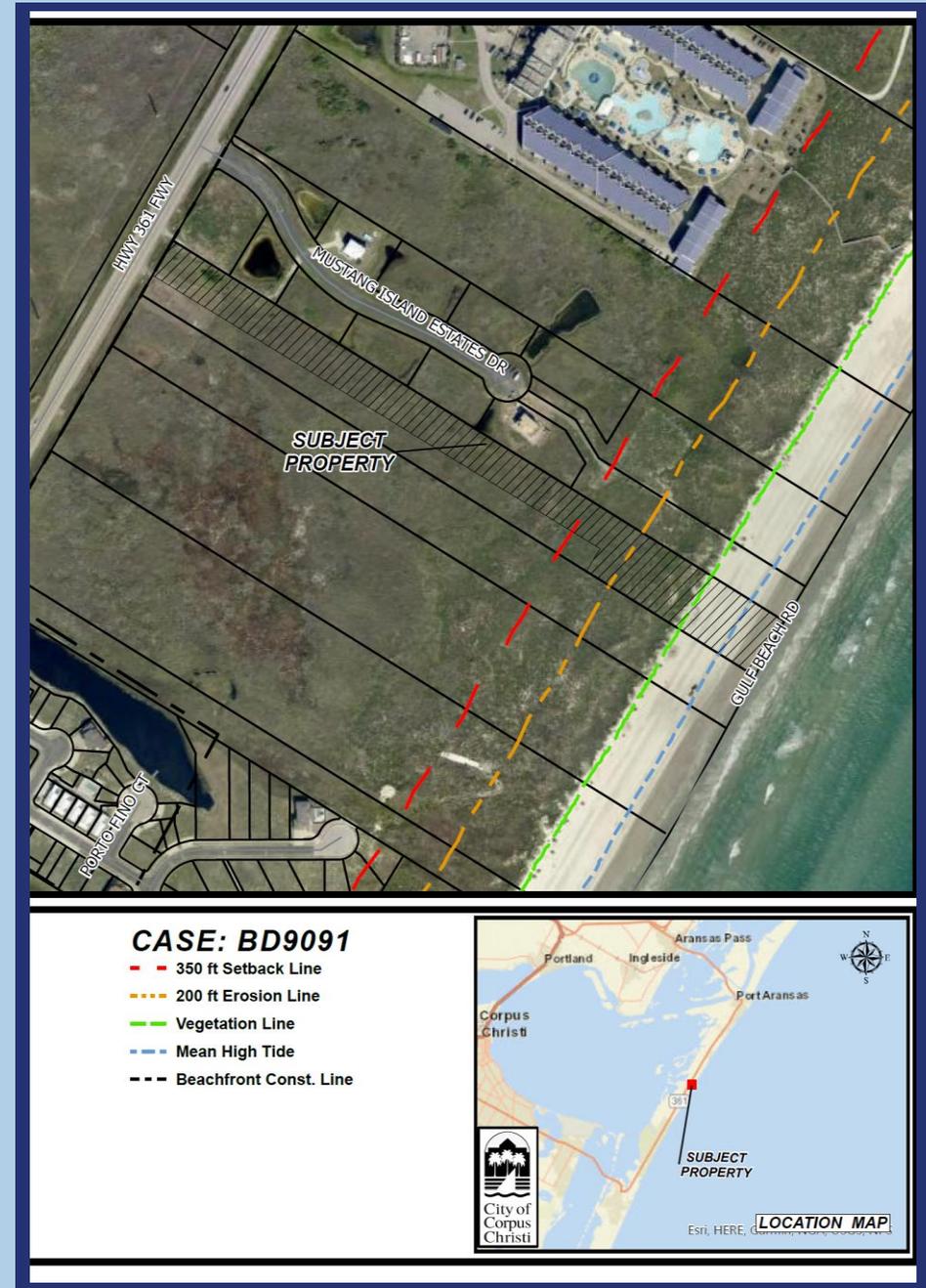


BCC

# Concurrent Beach/Dune Committee

- ✓ Seaward of the Erosion Area Line
- ✓ Located on an existing beach access or future beach access
- ✓ Encroach on the public beach
- ✓ Include imperious surface within 200 feet landward of the Line of Vegetation

Include a dune walkover (not to be constructed under GLO standards)





<b>Project Information:</b>		Description:	Project No.	18-T
Project Number:	18-T	<b>This project consists of the construction of a completely new roadway.</b>		
Limits:	Coastline to TX 361			
Costing Class:	Collector (C1)			
Length (lf):	1,750			
Service Area(s):	Padre Island 1			
Description:	New Project			

Roadway Construction Cost Projection					
No.	Item Description	Quantity	Unit	Unit Price	Item Cost
B2	Excavation (Roadway)	4,278	cy	\$ 16.91	\$ 72,337
B6	1" Type 'D' HMA	7,972	sy	\$ 13.78	\$ 109,857
B8	Underseal	7,972	sy	\$ 6.46	\$ 51,501
B12	12" Compacted Subgrade	8,361	sy	\$ 5.65	\$ 47,240
B13.X	No Median	0	sf	\$ -	\$ -
D4	Sidewalk	5,833	sy	\$ 50.00	\$ 291,667
<b>Paving Construction Cost Subtotal:</b>					<b>\$ 572,602</b>

Major Construction Component Allowances:			
Item Description	Notes	Allowance	Item Cost
✓ Sidewalk Components	Pedestrian Island	4%	\$ 22,904
✓ Prep ROW		4%	\$ 22,904
✓ Traffic Control	Construction Phase Traffic Control	3%	\$ 17,178
✓ Pavement Markings/Markers		5%	\$ 28,630
✓ Roadway Drainage	Standard Internal System	35%	\$ 200,411
✓ Special Drainage Structures	None Anticipated	0%	\$ -
✓ Water	Minor Adjustments	5%	\$ 28,630
✓ Sewer	Minor Adjustments	5%	\$ 28,630
✓ Landscaping (Basic)	Sodding and Erosion Control	2%	\$ 11,452
✓ Illumination	Standard Illumination System	6%	\$ 34,358
✓ Traffic Signalization	Assume Signal per Half Mile	\$400,000	\$ -
Other:		\$0	\$ -
<b>Allowance Subtotal:</b>			<b>\$ 372,191</b>
<b>Paving and Allowance Subtotal:</b>			<b>\$ 944,793</b>
<b>Construction Contingency: 20%</b>			<b>\$ 188,959</b>
<b>Construction Cost TOTAL:</b>			<b>\$ 1,134,000</b>

Impact Fee Project Cost Summary			
Item Description	Notes	Allowance	Item Cost
Construction:		-	\$ 1,134,000
Bonds:		5%	\$ 56,700
Engineering/Survey/Testing:		15%	\$ 170,100
Mobilization		10%	\$ 113,400
ROW/Easement Acquisition:	FALSE	15%	\$ 170,100
<b>Project Cost TOTAL:</b>			<b>\$ 1,644,000</b>

NOTE: These planning level cost projections listed in this appendix have been developed for rough proportionality calculations only and should not be used for any future Capital Improvement Planning within the City of Corpus Christi.

## BCC – New Beach Access Road

# Staff Report Summary

### Scope of Proposed Construction

Construction of a **New Beach Access Road** and associated infrastructure as a part of Bond 2020

### Total Site Area:

- Approx. **117,612 square feet**

### Roadway Dimensions

- Approx. **20 feet wide**
- Approx. **1,650 feet long**

### Distance from Coastal Features

- **50 feet** from the Line of Vegetation (LOV)
- **190 feet** from Mean High Tide (MHT)

### Construction Activities

- Grading and site preparation
- Installation of drainage improvements
- Placement of storm pipe
- Construction of concrete curb

### Soil-Disturbing Activities

- Right-of-way preparation
- Excavation and embankment for roadway construction
- Grading for drainage
- Installation of storm sewer and water line improvements



**Photo 1:** Location Map



**Photo 2:** Looking seaward (east) from existing roadway culvert along SH 361



## BCC

### Staff Analysis & Recommendation

✓ Compliance with all aspects of the City's beach access and erosion response regulations

✓ Impacts on access to public beaches, off-beach parking, or the size of the public beach due to erosion

✓ Impacts on the natural drainage patterns of the site and adjacent property

✓ Whether all practicable alternatives to the proposed activity, proposed site, or proposed methods of construction have been considered

✓ Any material change between the County No Dune Permit Required Determination and this application

**STAFF RECOMMENDS CONDITIONAL APPROVAL  
PENDING THE FOLLOWING:**

- Comments from the Texas General Land Office





CITY OF CORPUS CHRISTI  
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**Thank you!**

# Roadway Profiles

