

WELCOME!

Public Hearing Park Road 22 Bridge

Seashore Middle Academy
15437 South Padre Island Drive
Corpus Christi, Texas 78414
April 7 ,2016



Why am I Here?

- Learn about the proposed project
- Ask questions and provide comments on the proposed project



Please submit all comments by April 17, 2016

How Can I Provide Comments?

Mail, email or drop off
written comments to:

Sam Blanco
12821 Golden Lane
San Antonio, TX 78249
sblanco@rkci.com

- Speak during the comment period tonight
- Submit a written comment form tonight
- Fax comments to 210-699-6426
- E-mail comments to sblanco@rkci.com



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Hearing Procedures and Agenda

- Technical presentation (design and environmental)
- 15-minute recess
- Formal Public Comment Session
- Please silence your cell phones
- Please sign-in before you leave tonight
- Project Sponsor: City of Corpus Christi
- TxDOT overseeing environmental process



Technical Presentation



Project Description

What is being proposed?

- Two new bridges for the north and south bound lanes within the existing TxDOT ROW of PR 22.
- Addition of dedicated turn lanes.
- Utility Adjustments.
- Associated lighting, striping, railing, traffic control.



Project Need and Purpose

What are the Current Issues?

- A canal, proposed by a third party, will provide water exchange and a pedestrian and boat access connection between the existing Padre Isle's canal system (west of PR 22) and Lake Padre (east of PR 22).
- The third-party canal's water exchange function is a condition of a USACE permit currently held by a third-party.



Project Need and Purpose

What are we trying to do?

- The City of Corpus Christi and TxDOT propose to elevate PR 22 by constructing two bridges (northbound and southbound) over the third-party canal to maintain traffic access along PR 22.
- The proposed bridge with pedestrian boardwalk along the canal is designed to be compatible with larger adjacent development occurring in the area and will provide pedestrians greater access to area amenities.



Consistency with local planning goals and objectives

- Project is identified in the Corpus Christi Metropolitan Planning Organization's Fiscal Year 2010-2035 Metropolitan Transportation Plan (MTP) and the 2013–2016 Transportation Improvement Program (TIP).
- The proposed project is sponsored by the City of Corpus Christi.
- Construction costs estimated at \$10,143,490.



Major Design Features

- Three precast concrete arch spans.
- Center span will be 46 feet wide and cross the canal.
- Other two spans, 36 feet wide, will be on either side of the 46 foot span and provide a boardwalk for pedestrians to cross under the roadway.
- Canal will be approximately 42 feet wide and include articulated concrete matting to prevent erosion.
- Sheet pile retaining walls
- Support structures under the water line will be armored.
- Vertical profile of PR 22 will be raised approximately 12 feet to span the proposed canal to allow for boats and pedestrian traffic.



Major Design Features

- Each bridge: two 12-ft. lanes with 10-ft. inside and outside shoulders and one foot railings for an overall bridge width of 46 ft.
- Existing depressed median will be maintained.
- Total length of bridge = approx. 128 ft.
- Add dedicated turn lanes at proposed Azores Drift Drive and Nemo Court.
- Gas, water, sanitary sewer, storm sewer, electric, telephone and cable utilities will be adjusted.



Project Alternatives

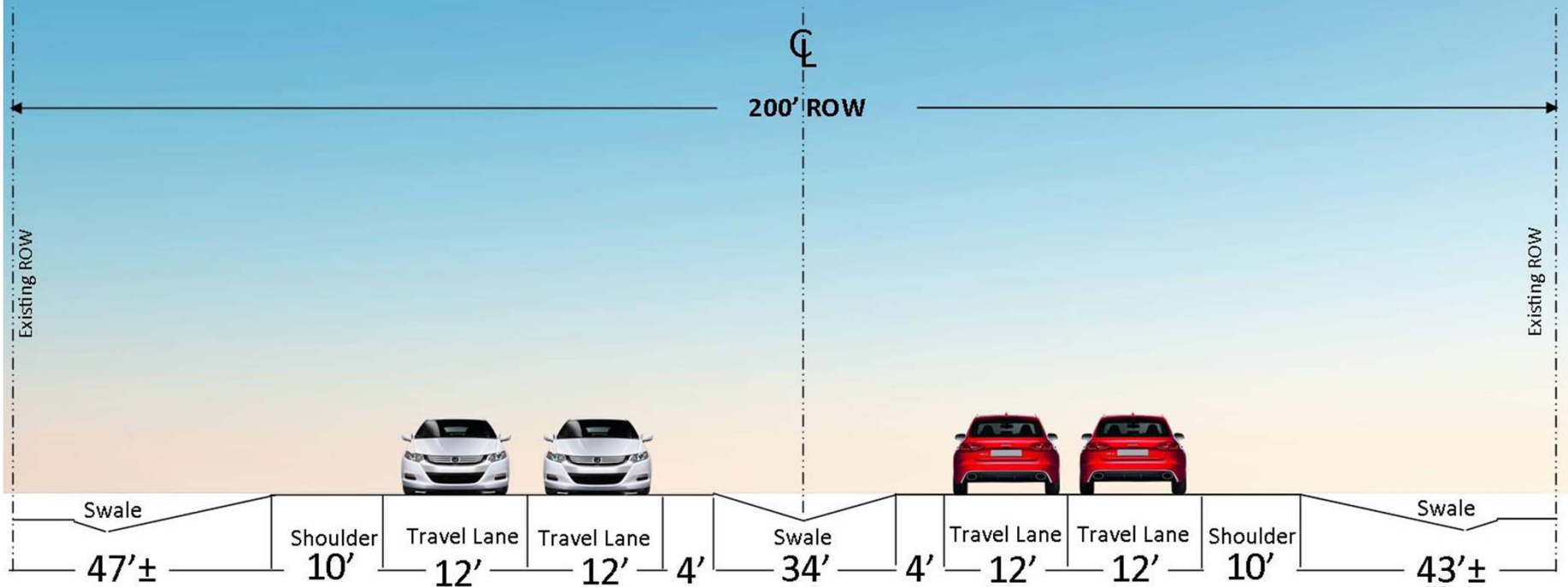
- Bridge ~850 feet north of Whitecap Blvd.
- PR 22 bridges located halfway between Whitecap Boulevard and Commodores Drive. Provides safest roadway geometry (vertical sight distance) and has the smallest impacts on driveways – Recommended Preferred Alternative
- No-build would not provide for water exchange as required by the Corps of Engineers permit or a pedestrian movement and boat access connection between the existing Padre Isles canals and Lake Padre.



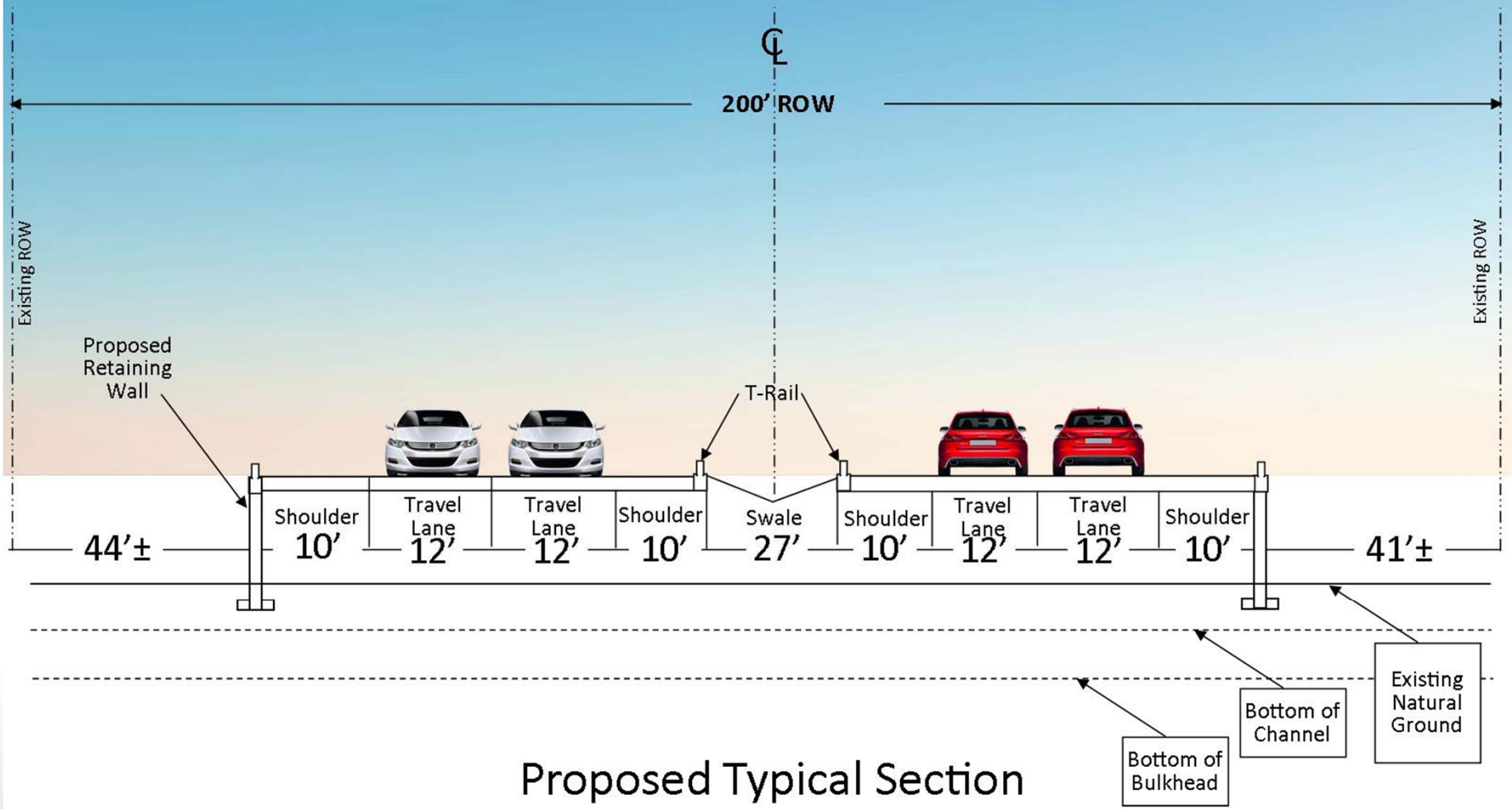
Right-of-way

- Project will occur within existing 200-foot wide PR 22 right-of-way.
- No new right-of-way needed.



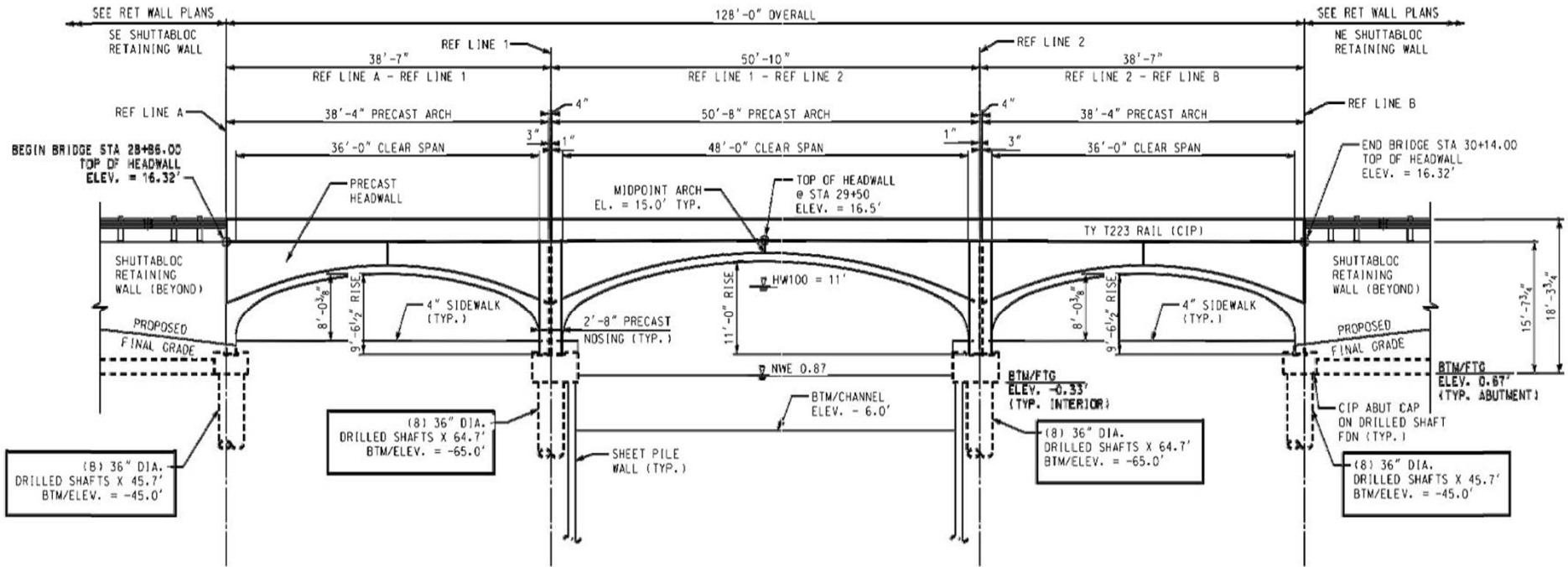


Existing Typical Section



Proposed Typical Section

Proposed Bridge Elevation



BRIDGE ELEVATION — EAST SIDE

WEST SIMILAR
SCALE: N.T.S.



Environmental Review

- An Environmental Assessment (EA) was prepared
- The EA, consultations, and other actions were carried out pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated December 16, 2014, and executed by FHWA and TxDOT.
- The EA evaluated the social, economic, cultural, environmental, and other anticipated impacts of the proposed project.



Environmental Review

Cultural Resources:

- Potential impacts to historic properties and archaeological resources were evaluated in accordance with Section 106 of the National Historic Preservation Act, implementing regulations, and the Texas Antiquities Code.
- TxDOT completed consultations with the State Historical Preservation Office.
- No historic properties or known archaeological sites will be impacted.



Environmental Review

Traffic Noise:

- A traffic noise analysis was conducted and identified a traffic noise impact for one noise receiver facing PR 22.
- Noise abatement measures that were considered included: traffic management, altering the horizontal and/or vertical alignments, acquiring undeveloped property to act as a buffer zone, and constructing noise walls.
- After reviewing the options, none of the abatement measures would be both feasible and reasonable; therefore, noise abatement measures are not proposed.
- Temporary construction noise will be addressed.



Environmental Review

Wetlands:

- The proposed project will result in:
 - 3.91 acre of temporary wetland impact from temporary detours.
 - 0.415 acre of permanent wetland impacts from bridge and canal construction.
- Permanent wetland impacts will be mitigated under a Corps of Engineers permit held by a private developer.



Environmental Review

Third-Party Canal Permit:

- Corps of Engineers issued 30-day public notice.
- Public notice sent to multiple agencies, groups and individuals including, but not limited to:
 - U.S. Fish and Wildlife Service
 - National Marine Fisheries Service
 - Environmental Protection Agency
 - U.S. Coast Guard
 - Texas Commission on Environmental Quality
 - Texas Parks and Wildlife Department
 - Texas Historical Commission
 - Texas Coastal Coordination Council
 - General Land Office
 - National Ocean Survey, Atlantic Marine Center
 - Galveston Bay Foundation
 - Railroad Commission of Texas
 - American Waterways Operators
 - Adjacent Property Owners



Final Corps permit executed Oct. 29, 2015.

Environmental Review

Species:

- No federally-listed species identified for Nueces County have the potential to occur within TxDOT right-of-way.
- Four state-listed species within Nueces County have the potential to occur adjacent to the right-of-way.
- Best management practices for birds will be used.
- Biologists will survey for migratory bird nests/eggs prior to construction.



Environmental Review

Indirect and Cumulative Impacts:

- *Indirect effects* - Caused by action and occur later in time or farther removed in distance (ecological, socioeconomic, induced growth effects, mitigation).
- *Cumulative effects* - Incremental impact when added to other past, present and reasonably foreseeable future actions (wetland impacts, mitigation).



15-Minute Recess



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Anticipated Project Schedule

- The proposed project is scheduled to potentially let in July 2016.
- Construction could begin in September 2016.
- Construction could be completed by December 2017.



Elected Official Speaking Opportunity



Public Comment Session



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Adjourn

Thank you for attending.

