



Roadway Master Plan (RMP) Amendment



**Proposed Deletion of a C1 Collector : Project 18-V
(between TX-361 and Beach)**



Planning Commission Presentation
Feb 19, 2025

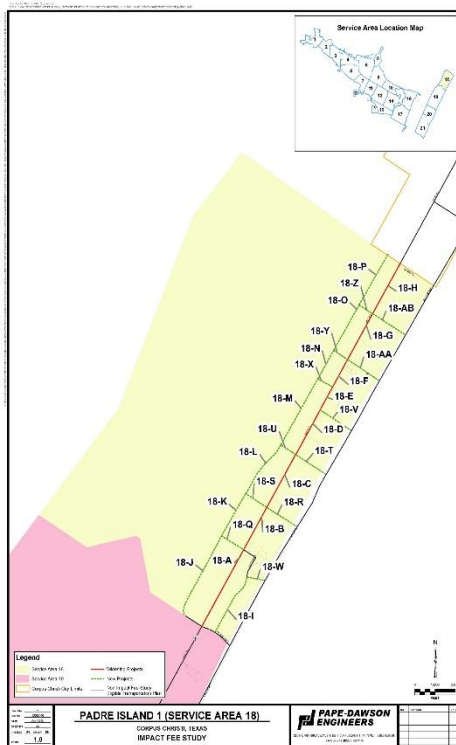


Background

- On January 30, 2024, City Council adopted the Roadway Master Plan (RMP) that was developed with the help of consultant Pape-Dawson.
 - The Urban Transportation Plan (UTP) was replaced with the RMP which now serves as the Master Transportation Plan for the City of Corpus Christi
 - Staff presented on December 11, 2024, a proposed deletion that identified the Roadway as a Pedestrian Beach Access that was reclassified as a C1 Collector on the RMP.
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Background



City of Corpus Christi
Rough Proportionality Study
Conceptual Level Project Cost Projection

PAPE-DAWSON ENGINEERS
Worksheet Last Updated: 04/10/2022

Project Information:
 Project Number: 18-V
 Limits: TX 361 to Coastline
 Costing Class: Collector (C3)
 Length (ft): 3,815
 Service Area(s): Padre Island 1
 Description: New Project
 Description: This project consists of the construction of a completely new roadway.

Roadway Construction Cost Projection

| No. | Item Description | Quantity | Unit | Unit Price | Item Cost |
|-------------------------------------------|-----------------------|----------|------|------------|-------------------|
| B2 | Excavation (Roadway) | 4,437 | cy | \$ 16.91 | \$ 75,024 |
| B6 | 1" Type "F" H/MAC | 8,268 | sq | \$ 13.78 | \$ 113,938 |
| B8 | Gravel | 8,268 | sq | \$ 6.48 | \$ 53,413 |
| B12 | 1" Compacted Subgrade | 8,572 | sq | \$ 3.65 | \$ 48,988 |
| B13.X | No Median | 0 | sf | \$ - | \$ - |
| D4 | Sidewalk | 6,050 | sq | \$ 50.00 | \$ 302,500 |
| Paving Construction Cost Subtotal: | | | | | \$ 693,870 |

Major Construction Component Allowances:

| Item Description | Notes | Allowance | Item Cost |
|----------------------------------------|------------------------------------|-----------|---------------------|
| √ Sidewalk Components | Pedestrian Island | 4% | \$ 23,755 |
| √ Prep ROW | | 4% | \$ 23,755 |
| √ Traffic Control | Construction Phase Traffic Control | 3% | \$ 17,816 |
| √ Pavement Marking/Markers | | 5% | \$ 29,694 |
| √ Roadway Drainage | Standard Internal System | 35% | \$ 207,855 |
| √ Special Drainage Structures | None Anticipated | 0% | \$ - |
| √ Water | Minor Adjustments | 5% | \$ 29,694 |
| √ Sewer | Minor Adjustments | 5% | \$ 29,694 |
| √ Landscaping (Basic) | Sodding and Erosion Control | 2% | \$ 11,877 |
| √ Illumination | Standard Illumination System | 6% | \$ 35,632 |
| √ Traffic Signalization | Assume Signal per Half Mile | \$400,000 | \$ - |
| Other | | \$ - | \$ - |
| Allowance Subtotal: | | | \$ 396,016 |
| Paving and Allowance Subtotal: | | | \$ 979,886 |
| Construction Contingency (10%): | | | \$ 155,977 |
| Construction Cost TOTAL: | | | \$ 1,176,000 |

Impact Fee Project Cost Summary

| Item Description | Notes | Allowance | Item Cost |
|-----------------------------|-------|-----------|---------------------|
| Construction: | | | \$ 1,176,000 |
| Bonds: | | 3% | \$ 58,800 |
| Engineering/Survey/Testing: | | 15% | \$ 176,400 |
| Mobilization: | | 10% | \$ 117,600 |
| ROW/Easement Acquisition: | FALSE | 15% | \$ 176,400 |
| Project Cost TOTAL: | | | \$ 1,705,000 |

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.



SITE



PROJECT: 18-V
COLLECTOR (C-1)





Recommendation



City Staff recommends the approval to amend the City's Roadway Master Plan map by deleting a proposed C1 Collector, identified as project 18-V, from TX-361 to the Beach.