



**STATE & LOCAL FISCAL RECOVERY FUNDS
INFRASTRUCTURE PROJECT APPLICATION
(Water, Sewer and Broadband Projects)**

Organization's Name: Cameron County Drainage District No. 6 ("CCDD6")

Address: P.O. Box 977, La Feria, Texas 78559

Contact's Name: Laura P. Haley, President of CCDD6 Board of Directors

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Contact's Phone #: (956) 446-0601

Project Name: Tio Cano Lake – Pump Station Project

Project Location: CCDD6 – Tio Cano Lake

Project Cost: \$1,381,757.88 **Request Amount:** \$1,381,757.88 **Applicant's Share:** \$0

Project's Start Date: June 1, 2022

Project's Completion Date: June 1, 2024

Project Type: Water Wastewater Broadband
 Engineering Services Right-of-Way Acquisition Construction

Brief Project Description: Western Cameron County suffers from chronic flooding. On November 2, 2021, Cameron County voters in La Feria, Santa Rosa, and surrounding areas wholeheartedly supported the creation of CCDD6 with an 84.15% approval rate. The challenge currently facing CCDD6 is stagnating water in homes at the Tio Cano Lake area during large rainfall events and the subsequent loss of the water when it is pumped into the Arroyo Colorado and ultimately lost into the Gulf.

This proposed project will create a regional Pump Station at the southeast corner of Tio Cano Lake. As there is no outfall from this natural depression, the only way to help alleviate flooding is through pumping. CCDD6 intends to utilize this ARPA grant to be the first step in the CCDD6 water reclamation project. While this project is under development CCDD6 will also begin the study for the placement of an area to impound this water outside the Tio Cano area south of the I-2 Interstate for impoundment, reclamation/treatment and ultimately sold to provide a revenue source for CCDD6 in the future for other improvements. The funding amount sought by CCDD6 includes all costs for the design, permitting, and construction of the initial steps for this critical project.

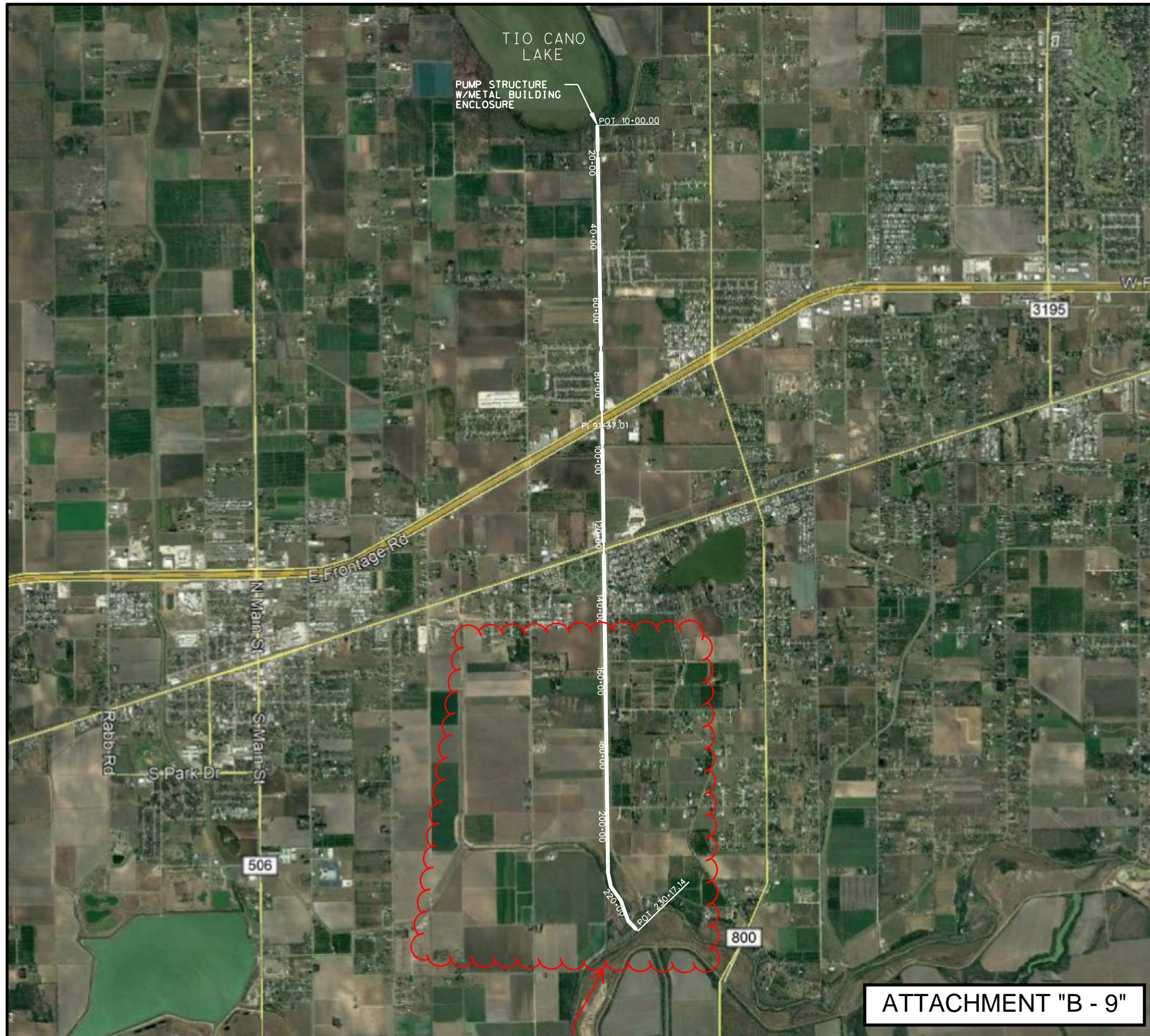
The proposed pump station will have 3 pumps, each capable to pumping up to 100 cfs, and will be configured to have the ability to maximize outflow. By funding this critical project in CCDD6, the Cameron County Commissioners' Court will be taking a crucial step in permanently mitigating flooding in Cameron County, thereby improving public health and safety and also jump starting a crucial water reclamation project in the region.

Project will benefit: Individuals: 21,437 Businesses: 355 Households: 8,431 Communities/Subdivisions: 14

Tio Cano Lake – Pump Station / Water Reclamation Project Proposed Budget

| Bid Item | Quantity | Units | Description | Unit Price | Total Price |
|--------------------|----------|-------|---|------------------------------------|----------------|
| 1 | 7,500 | CY | SITE PREPARATION & GRADING TO INCLUDE CHANNEL EXCAVATION, SUMP EXCAVATION AND CHANNEL GRADING | \$21.25 | \$159,375.00 |
| 2 | 250 | CY | INSTALL PUMP STRUCTURE | \$1,190.00 | \$387,895.38 |
| 3 | 1 | LS | INSTALL PUMP STATION BUILDING | \$25,500.00 | \$25,500.00 |
| 4 | 450 | LF | INSTALL 42" PIPING | \$97.75 | \$43,987.50 |
| 5 | 3 | EA | INSTALL 100 CFS PUMPS, MOTOR, AND ELECTRIC | \$255,000.00 | \$765,000.00 |
| | | | | ESTIMATED CONSTRUCTION COST | \$1,381,757.88 |
| Engineering | 8% | | | | \$103,309.00 |
| | | | | | |
| | | | | Total Project Cost | \$1,485,066.88 |

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Proposed Water Reclamation Pond
Study Area (Subject to change)



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INTERIM REVIEW AND
NOT INTENDED FOR
CONSTRUCTION, BIDDING,
OR PERMIT PURPOSES.

Christopher R. Rodriguez
CHRISTOPHER R. RODRIGUEZ
P.E. 107692

7/14/2021
DATE



**DRAINAGE DIST. NO. 6
TIO CANO SOUTHERN
DRAINAGE EXTENSION
FEASIBILITY PROJECT**

SCALE: 1" = 3000'

| | | | | |
|--------|--------------------|---------|--------------|------------|
| DN: | FED. RD. DIV. NO.: | STATE: | PROJECT NO.: | SHEET NO.: |
| CK DN: | 6 | TEXAS | | |
| DW: | STATE DIST. NO.: | COUNTY: | HIGHWAY: | |
| CK DW: | | CAMERON | | |
| TR: | | | | |
| CK TR: | | | | |