

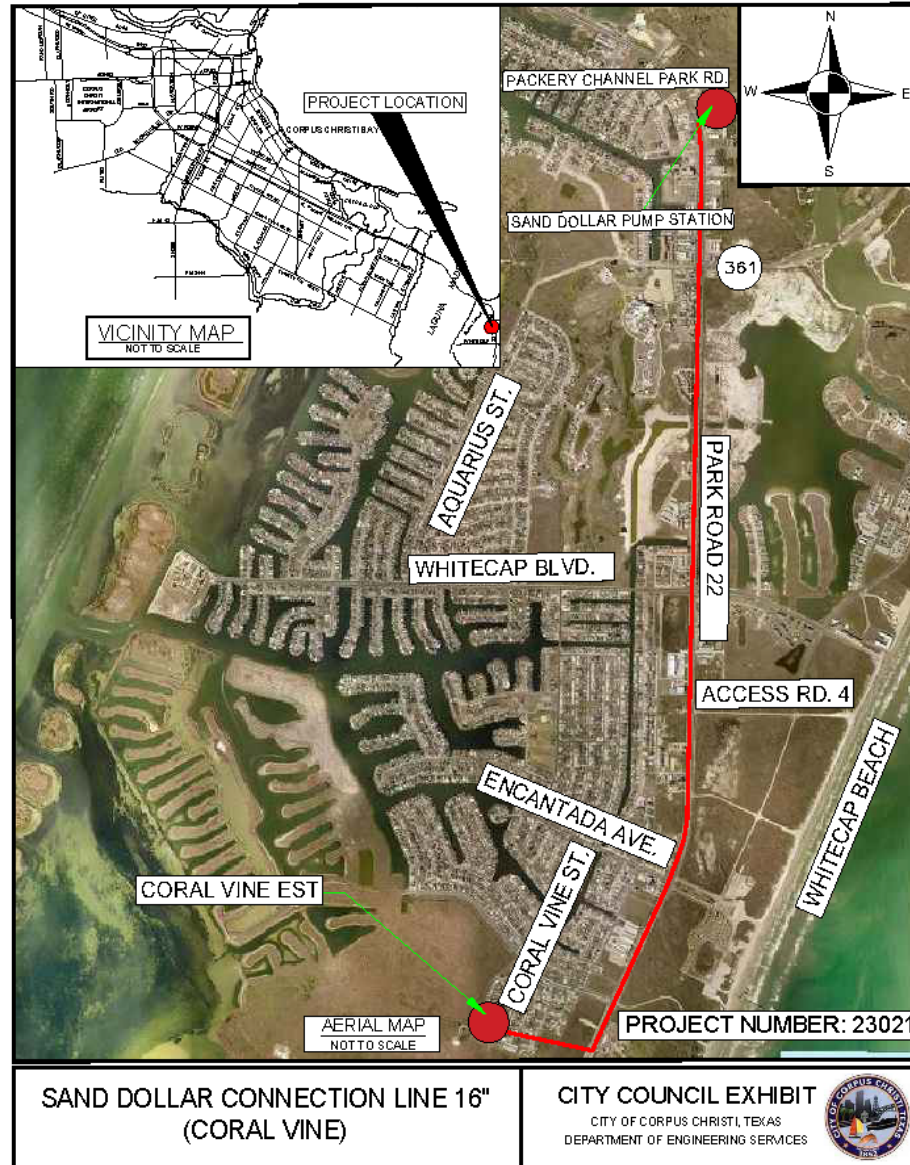
# Sand Dollar Connection Line 16” (Coral Vine)

## Construction Contract & Professional Services Contract Amendment

Nicholas Winkelmann, P.E.  
Interim COO, Corpus Christi Water  
September 23, 2025



# Project Location



# Background

- Padre Island Pressure Plane
  - The City operates the Padre Island water distribution system on a pressure zone called the Padre Island Pressure Plane
  - This pressure zone is separate from the mainland which is called the Main Pressure Plane
  - The Padre Island Pressure Plane uses the Sand Dollar Pump Station and Coral Vine Elevated Storage Tank to supply water to the residents of Padre Island
  - This project includes a new 16-inch waterline that will enhance the capacity of the water distribution system
- Sand Dollar Pump Station
  - The City has a single 20-inch water transmission main from the Sand Dollar Pump Station to Commodores Drive
  - Water supply is a concern if the existing 20-inch transmission main ever fails or undergoes maintenance
  - This project includes a new 20-inch transmission main which will provide redundancy in a critical area of the water distribution system





# Project Scope

- Installation of approximately
  - 10,900 LF of 16-inch waterline
  - 560 LF of 12-inch waterline
  - 60 LF of 8-inch waterline
- Connection to the existing 6-inch and 16-inch waterlines on Commodores Drive
- Installation of approximately
  - 60 LF of 8-inch waterline
  - 500 LF of 16-inch waterline
- Connection to the existing 12-inch waterline on Park Road 22
- Installation of approximately 2,170 LF of 20-inch waterline from the Sand Dollar Pump Station to Commodores Drive to provide redundancy
- Additive Alternate No. 2: Rehabilitation of approximately 4,600 LF of 16-inch waterline via the Close Tolerance Pipe Slurrification (CTPS) method to remove the existing Asbestos Cement Pipe (ACP) and replace with new Fusible PVC pipe
- Removal of existing
  - 4,246 LF of ACP waterline
  - 3,804 LF of cast iron waterline and ductile iron waterline within TxDOT right-of-way
- Approximately 1,757 LF of asbestos waterline will be grout-abandoned underneath pavement

# Project Timeline

2023 - 2025	2025	2025 - 2026
November - June	June - September	October - December
Design	Bid/Award	Construction

Project schedule reflects City Council award in September 2025 with anticipated construction completion by December 2026.

## Staff Recommendation

Staff recommends awarding the construction contract to Guerra Underground, LLC of Austin, TX for the Sand Dollar Connection Line 16” (Coral Vine) project in the amount of \$9,997,672.00 for the Base Bid plus Additive Alternate No. 2 and authorizing the Professional Services Contract Amendment No. 2 with Garver in the amount of \$201,025.00 for construction administration phase services, with funding available from the Water Capital Fund.

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Thank you!

