



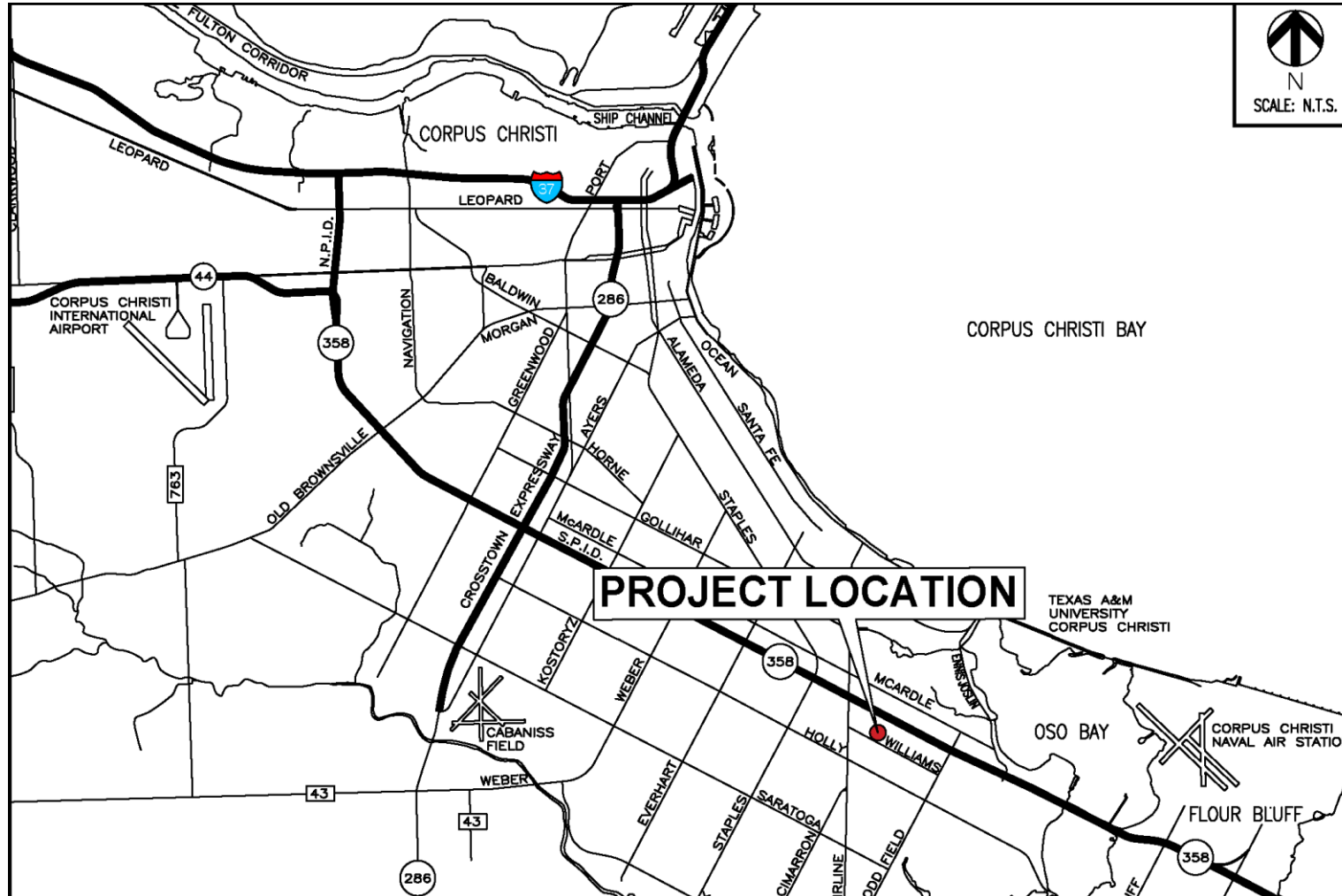
Citywide Lift Station Repair Williams Lift Station



Council Presentation
March 22, 2022



Project Location





Project Scope

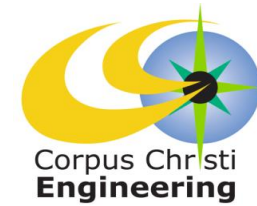


A brief summary of proposed improvements is as follows:

- This project identifies, prioritizes, and implements to extend lift station service life.
- Reduce long-term maintenance cost and improve flow.
- Meet Texas Commission on Environmental Quality (TCEQ) guidelines including reducing overflow and redundant systems.
- The rehabilitation of the lift station will require temporary control of flow pumping.



Project Scope



A brief summary of proposed improvements is as follows:

- The Williams Lift Station is in a dry pit/wet pit configuration. The pump motor is at ground level and is connected to the pump at the bottom of the dry pit by a drive shaft.
- As part of this project, new dry pit submersible pumps will be installed. The dry pit submersible pumps are a complete pumping unit with the motor attached directly to the pump.
- Replacement of four main pumps, one jockey pump, suction, and discharge piping, plug valves, check valves, pump bases, electrical equipment, AEP service meters, and other miscellaneous items.

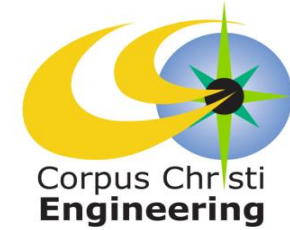


Project Vicinity





Project Schedule



2018 - 2021		2022 - 2023			
April - November	D	J	F	M	April - January
Design	Bid/ Award			Construction	

Projected Schedule reflects City Council award in March 2022 with anticipated completion in January 2023.