



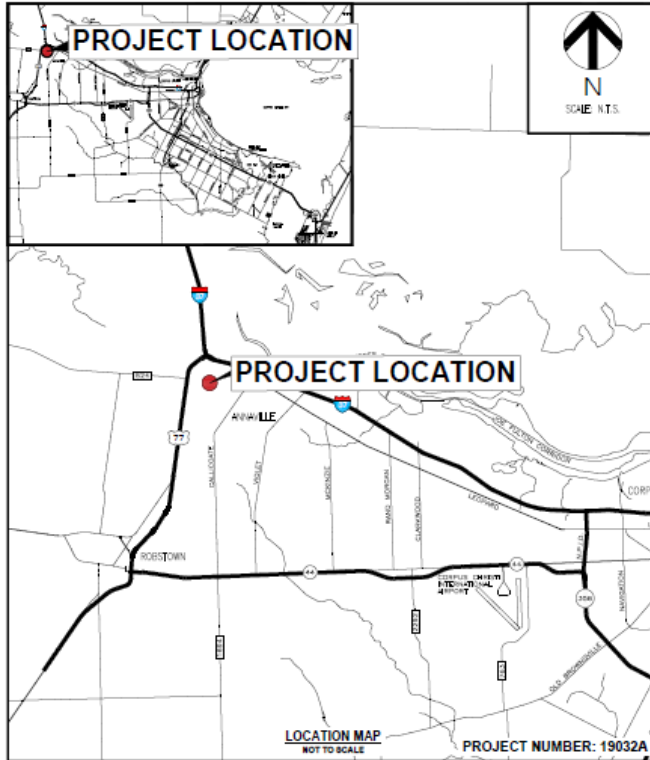
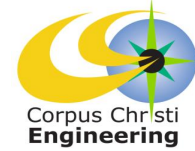
ONSWTP Filtration System Hydraulic Improvements



Council Presentation
September 13, 2022

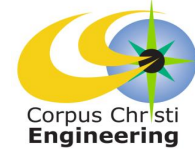


Project Location





Project Scope

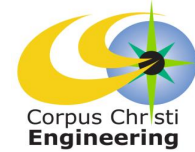


This project will upgrade filtration system components and equipment that has reached the end of services life. A brief summary of proposed improvements is as follows:

- Replacement of filter media in Plant 1 and 2 filters;
- Replacement of Plant 1 and 2 filter valves, gates, actuators, and effluent flow meter;
- Repair of leaks in Plant 1 filter influent channels;
- Addition of humidity control system in both Plant 1 and 2 filter galleries;
- Recoating of Plant 1 and 2 filter galley piping with insulating coatings; and
- Addition of a Plant 1 combined filter effluent (CFE) sample location utilizing a tap added to the 60" pipe by others.
- Modifications of the Filter-to-Waste piping for Plant 1 and Plant 2, to achieve a TCEQ compliant air-gap



Project Schedule



2022 – 2023	2023	2023-2025
September - August	September - October	November – November
Design	Bid/Award	Construction

Project schedule reflects City Council award in September 2022 with design completion by August 2023

Construction is anticipated to begin in November 2023 with a duration of 24 months and completion by November 2025