



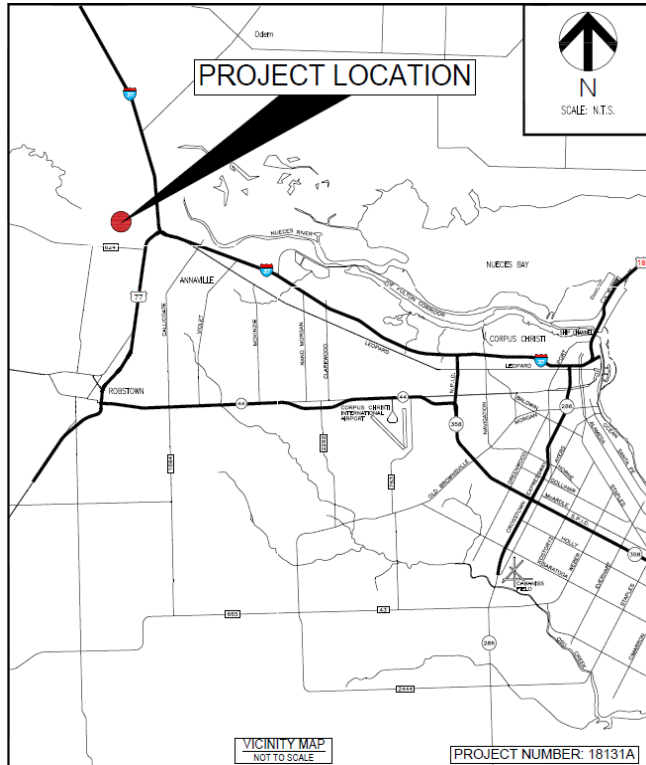
# O.N. Stevens Water Treatment Plant Clearwell No. 3



Council Presentation  
April 25, 2023



# CCW™ Project Location





# Overview



- The O.N. Stevens Water Treatment Plant was constructed in 1954 with a single four million-gallon Clearwell (CW1)
- Clearwells help provide drinking water systems with sufficient water quantity to meet peak demands
- Clearwell No. 3, a ten million-gallon storage unit for treated water, will replace the 69-year-old CW1 structure
- Low bid of \$36,454,000.00 received by CSA, Inc.
- 30-month project timeline



# Project Scope



Construction of a new 10-Million Gallon Clearwell No. 3, to include:

- Upgrade capacity from four million gallons to ten million gallons
- Associated waterline pipe, fittings, & valves (ranging from 12-inch to 72-inch diameter)
- Electrical, instrumentation, and SCADA integration
- Associated pavement repairs, disposal, and new pavement construction
- Demolition & removal of Clearwell No. 1 and High Service No. 1 concrete structures including grout fill abandonment of existing piping
- Clearwell No. 2 Baffling Retrofit
- Chemical injection improvements including equipment, piping, vaults, and sample manholes
- Stormwater improvements including a new stormwater packaged lift station



# CCW™ CSA Construction, Inc.



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CSA Construction, Inc. has significant experience working on water projects for the City including:

- Nueces River Raw Water Pump Station Improvements
- Oso WWTP Headworks
- Greenwood WWTP UV System



# CCW™ Project Schedule



2019- 2022	2023			2023-2025
April - August	F	M	A	June - December
Design	Bid/Award			Construction

Projected schedule reflects City Council award in April 2023 with anticipated completion in December 2025.