

City of
Leander



HOA Summit: Roads, Traffic, & Water

April 8, 2026

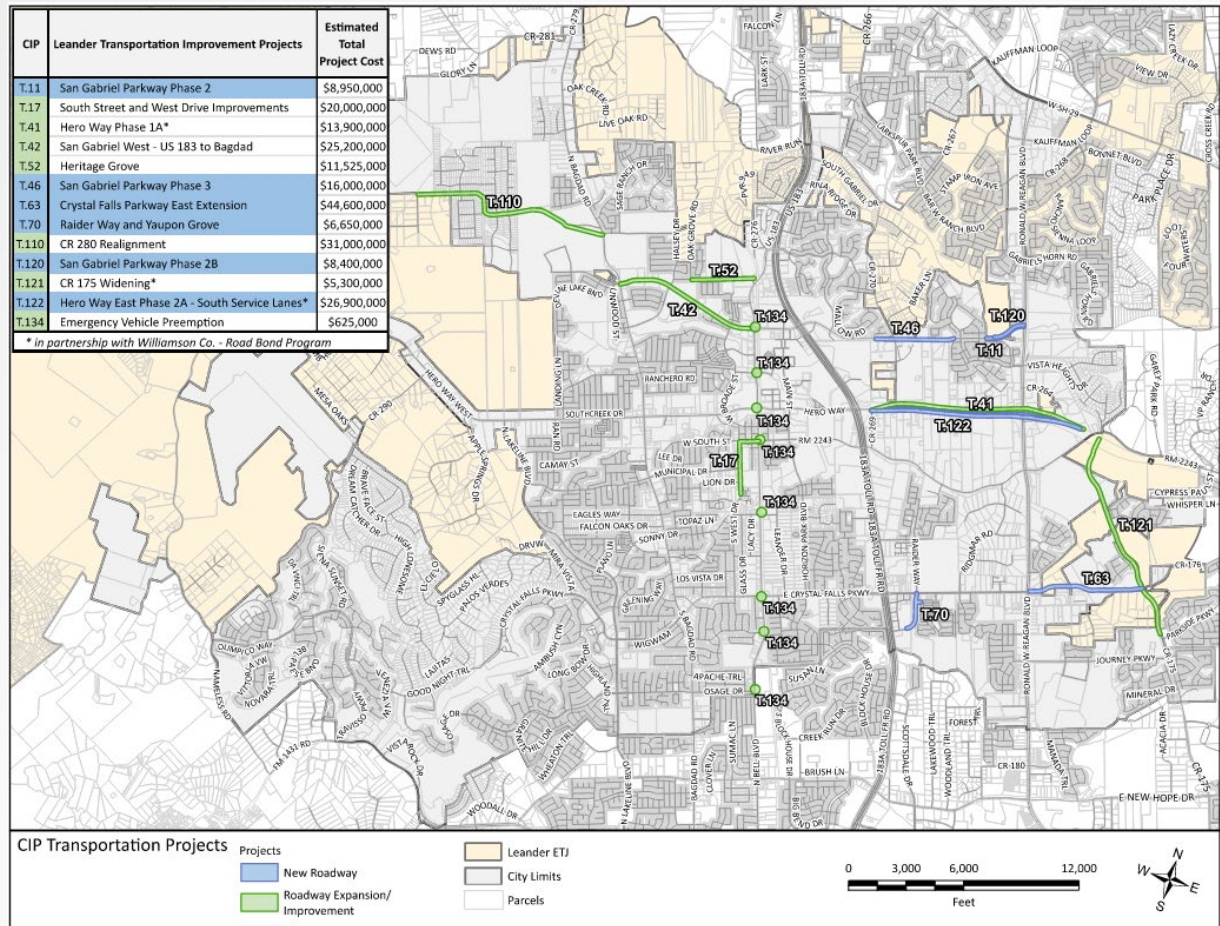
Leander City Council Chambers

City of
Leander



Transportation Capital Projects

Transportation Capital Projects



San Gabriel Parkway

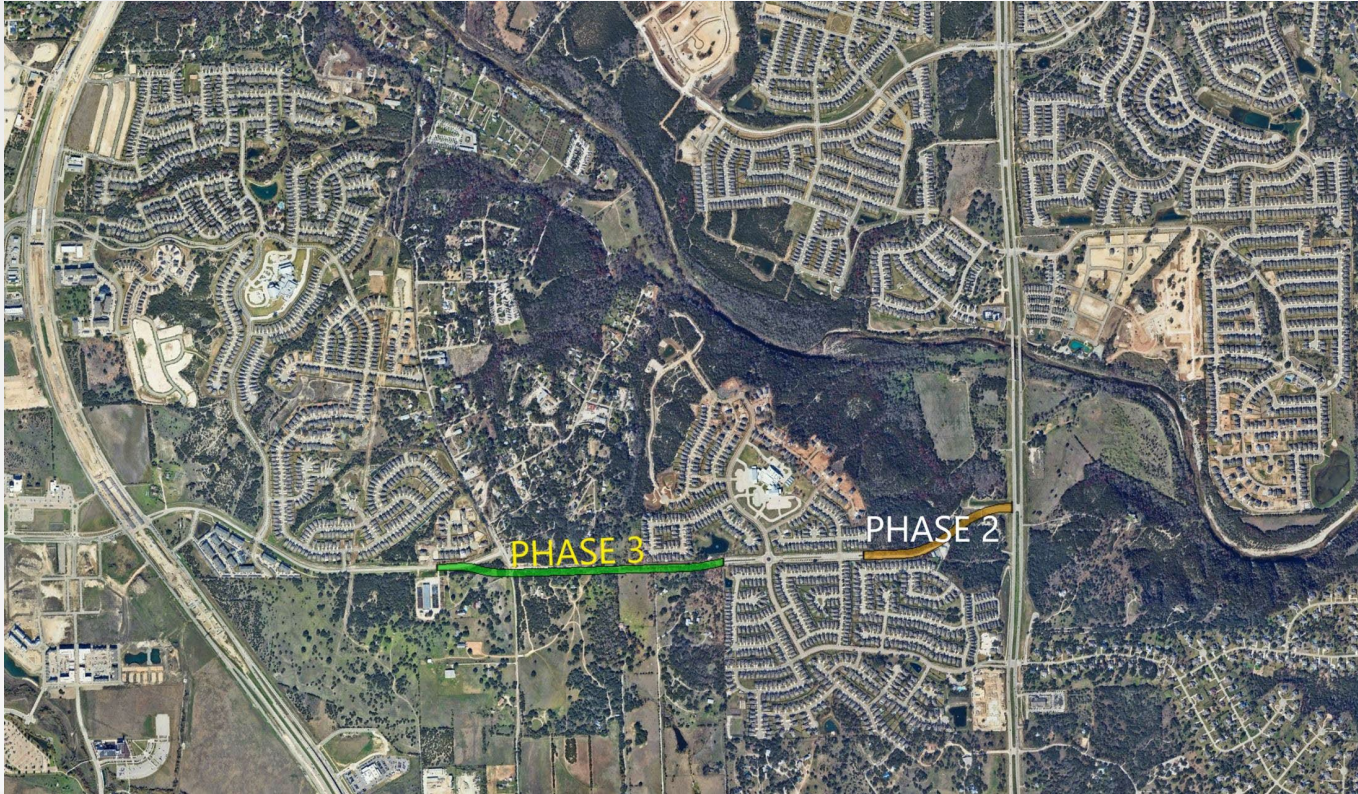
Phase 2

- **Project Scope** – Add 2-lanes of planned 4-lane section extending east to Ronald Reagan Boulevard
- **Project Status** – Under Construction (Est. Completion Feb 2027)

Phase 3

- **Project Scope** – Construct 4-lane divided arterial roadway extending east in connection to Phase 2
- **Project Status** – ROW Acquisition (Est. Completion Mid 2028)

San Gabriel Parkway



Hero Way Phase 1A

In partnership with Williamson County Road Bond Program

Project Scope

- 183A to Garey Park
- Convert 3-mile, 2-lane rural to 2-lane urban with continuous left turn lane

Project Status

- County completed design plans, acquired all 58 ROW parcels, and relocated utilities
- Construction to begin early 2026
- Construction kickoff meeting held Jan. 9, 2026

Hero Way Phase 2A

In partnership with Williamson County Road Bond Program

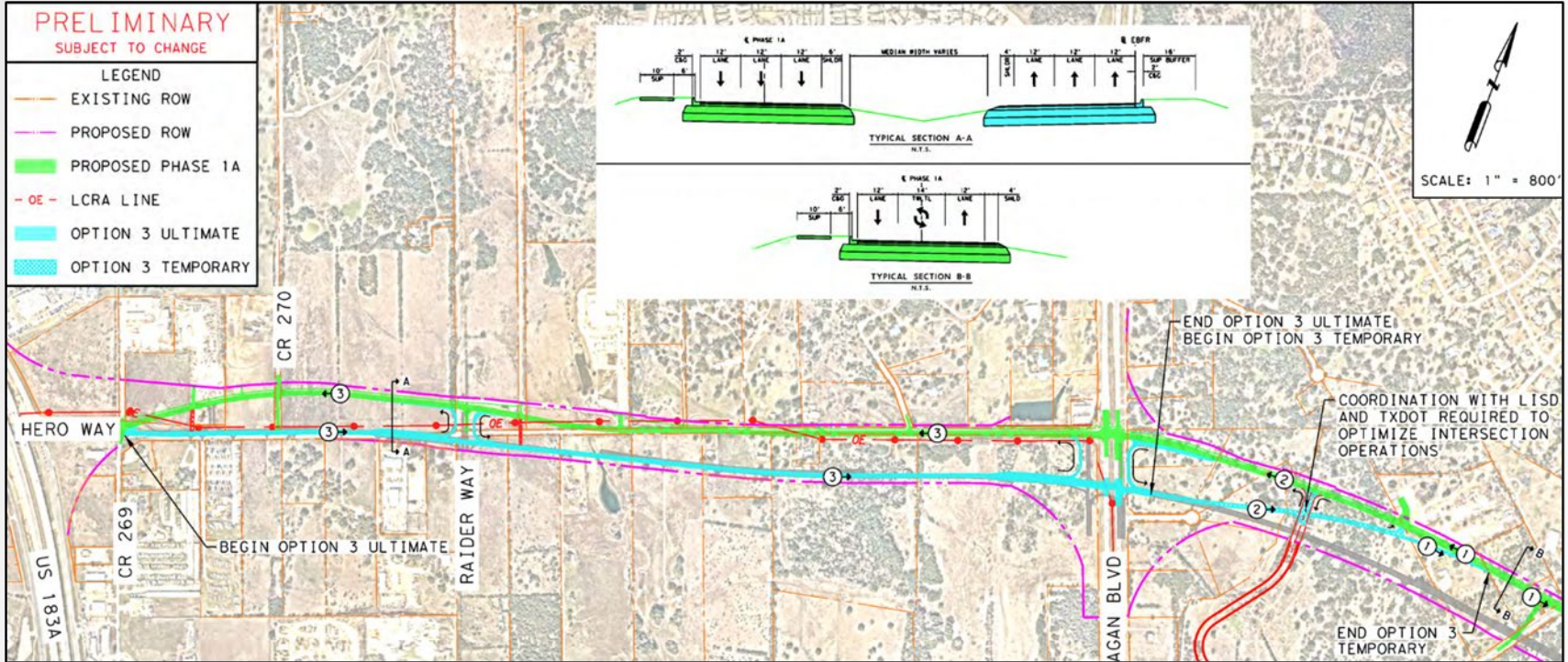
Project Scope

- Construct to Ronald Reagan Boulevard
 - Stripe westbound frontage as 2-lane
 - Construct eastbound frontage as separate project
 - Temporary transition just east of Ronald Reagan Boulevard

Project Status

- Design kickoff meeting held Jan. 8.
- Est. 18-24 months duration
 - Design plans
 - Obtain TxDOT approval
 - Utilities relocated

Hero Way Phase 2A



Crystal Falls Parkway

In partnership with Williamson County Road Bond Program

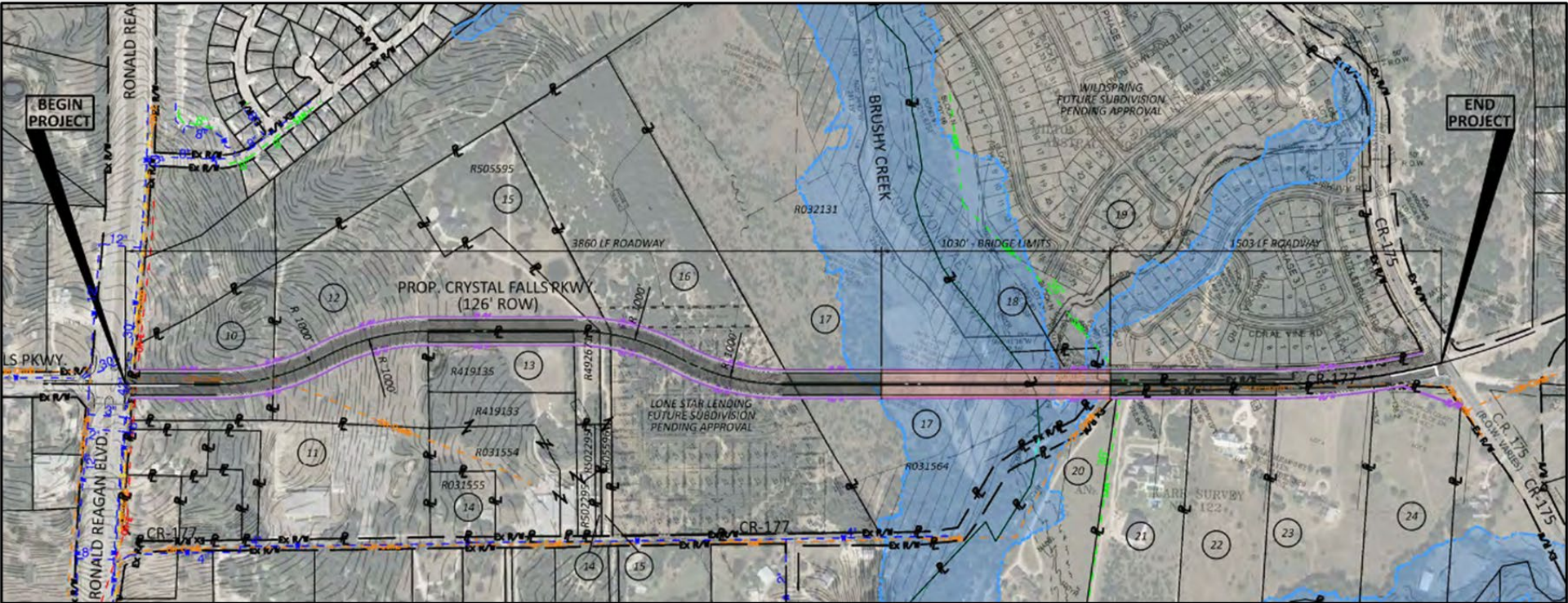
Project Scope

- Ronald Reagan Boulevard to CR 175
- 4-lane divided arterial roadway including large bridge (Ultimate 6-lane arterial)

Project Status

- Finalizing Interlocal Agreement with County
- In contract negotiations with design firm

Crystal Falls Parkway



County Road 175 (CR 175)

In partnership with Williamson County Road Bond Program

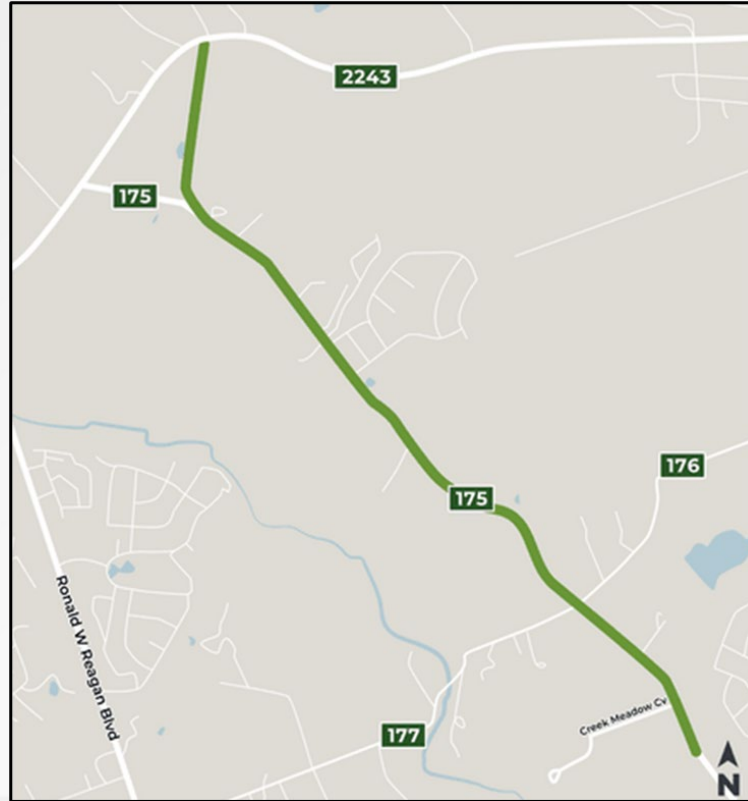
Project Scope

- South of Meadow Creek Cove to RM 2243
- Widen 2-lane rural roadway to urban 4-lane arterial section with median

Project Status

- Design is underway (Est. Completion Summer 2026)
- Utility Relocation Kickoff Meeting in January 2026
- City/County ILA being prepared
- Construction estimated to be complete Fall 2028

County Road 175 (CR 175)



City of
Leander



Traffic Signals Capital Projects

How Does the City Control its Traffic Signals?

- **Traffic signals managed via controller & detection cameras**
- **Traffic signals regularly checked by to ensure correct/safe operations and in response to traffic signal complaints**
 - City crew field inspections
 - Leander's Traffic Management Center (TMC)
- **An alert system has been deployed to notify when major malfunctions occur**
- **Traffic signals managed to operate consistently and follow state/national traffic control requirements**

What Factors are Considered for Installation of Traffic Signals?

- **Crash History**
- **Pedestrian Volume**
- **Traffic Volume**
- **Speed**
- **Activity Center**
- **Developer Contribution**
- **Community Support and Planning**
- **Other Safety Concerns**

How are Traffic Signals Implemented?

1) Pre-Evaluation and Warrant Study

- Crash History
- Traffic Volumes
- Existing Conditions and Concerns
- Signal warrant analysis

2) Capital Projects Programming and Funding

- \$2 million annual budget for prioritized signal projects

3) Design and Construction

Traffic Signal Capital Projects

Completed

- Collaborative Way and Bagdad Road
- Journey Parkway and CR 175

Near Completion

- Ronald Reagan Boulevard and Bar W/Via de Sienna (Est. April)
- Ronald Reagan Boulevard and San Gabriel Pkwy (Est. May)

Traffic Signal Capital Projects

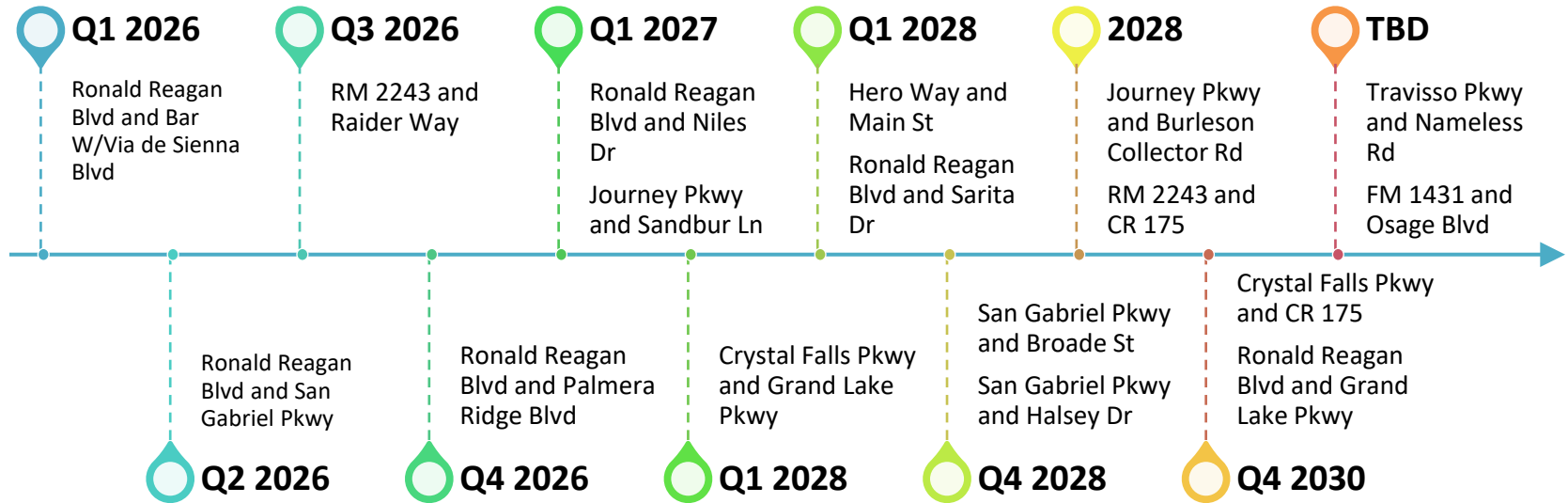
Near Award

- Ronald Reagan Boulevard and Palmera Ridge Boulevard
(anticipate award for construction in June)

Planned for Design in Fiscal Year 2026

- Hero Way and Main Street
- Crystal Falls Parkway and Grand Lake Parkway (awarded for design 4/2/26)

City and Other Planned Signals



Note: All dates shown represents estimated completion timeframes and are subject to change based on development timing, design, permitting and construction times.

City of
Leander



Water Capital Projects

Where do we get our water and how much is needed?

- **Lake Travis raw water supply**
 - Acre feet available = 31,000/year
 - Current treatment capacity = 31.5 million gallons/day
 - Ultimate treatment capacity = 62 million gallons/day
- **Actual Usage – Jan. 1 to Dec. 31, 2025**
 - Acre feet pumped = 15,496.9
 - Average daily consumption = 13.83 million gallons/day
 - Average daily contracted = 27.68 million gallons/day
 - Utilized approximately 50% of raw water supply
- **Leander's water supply is more than adequate to meet significant growth demands**

What are Leander's Water Production Plants?

- **Brushy Creek Regional Utility Authority (BCRUA)**
 - Partnership of Leander, Cedar Park, and Round Rock
 - Formed in 2007
 - Regional partnership reduces costs and environmental and community impacts
 - Ultimately supply 62 MGD of raw water and 50 MGD of treated water to the City



BCRUA Capital Projects

- **Phase 2 Raw Water Delivery System**
 - Increase supply and reduce drought vulnerability
 - 145 MGD ultimate capacity
 - Components:
 - Deep water intake
 - Maintenance building
 - Intake tunnel
 - Pump station
 - Transmission tunnel



BCRUA Capital Projects

- **Phase 1D Water Treatment Plant Expansion**
 - Expansion of BCRUA plant from 32.5 to 42.0 MGD
 - Substantially completed Nov. 2025
- **Phase 2A Water Treatment Plant Expansion**
 - Expand BCRUA plant from 42 to 67 MGD treatment capacity
 - Substantial Completion: June 2028



What are Leander's Water Production Plants?

- **Sandy Creek Water Treatment Plant (SCWTP)**
 - Plant Rated Capacity: 12 million gallons/day
 - Maximum daily production capped at 9 million gallons/day
 - Peak production capacity capped at 10.5 million gallons/day due to undersized lagoons
- **CIP W. 69 - Residual Management Improvements and Redundant Treatment Unit**
 - Improves efficiencies with solids handling and add a redundant treatment unit

Sandy Creek Water Treatment Plant (SCWTP)



Water Capital Projects

- **San Gabriel Elevated Storage Tank (Completed)**
 - New 1.25-million-gallon elevated storage tank
- **Terminus Pump Station and Ground Storage Tank (Est. Mid-2026)**
 - New 1.5-million-gallon ground storage tank, pump station and large water lines
- **Reclaimed Water System (Est. End 2026)**
 - Reclaimed water system including tank, pumps, and waterline to transmit non-potable water for irrigation purposes

Water Capital Projects

- **Advanced Metering Infrastructure (Est. End 2026)**
 - Replace current meter reading with remote, continuous, instantaneous access to assist with water demand management, conservation, and customer service
- **Ronald Reagan Pump Station and Ground Storage Tank-Pre design (Est. Mid-2027)**
 - 2.5-million-gallon ground storage tank and 17.5 MGD pump station

Questions?