

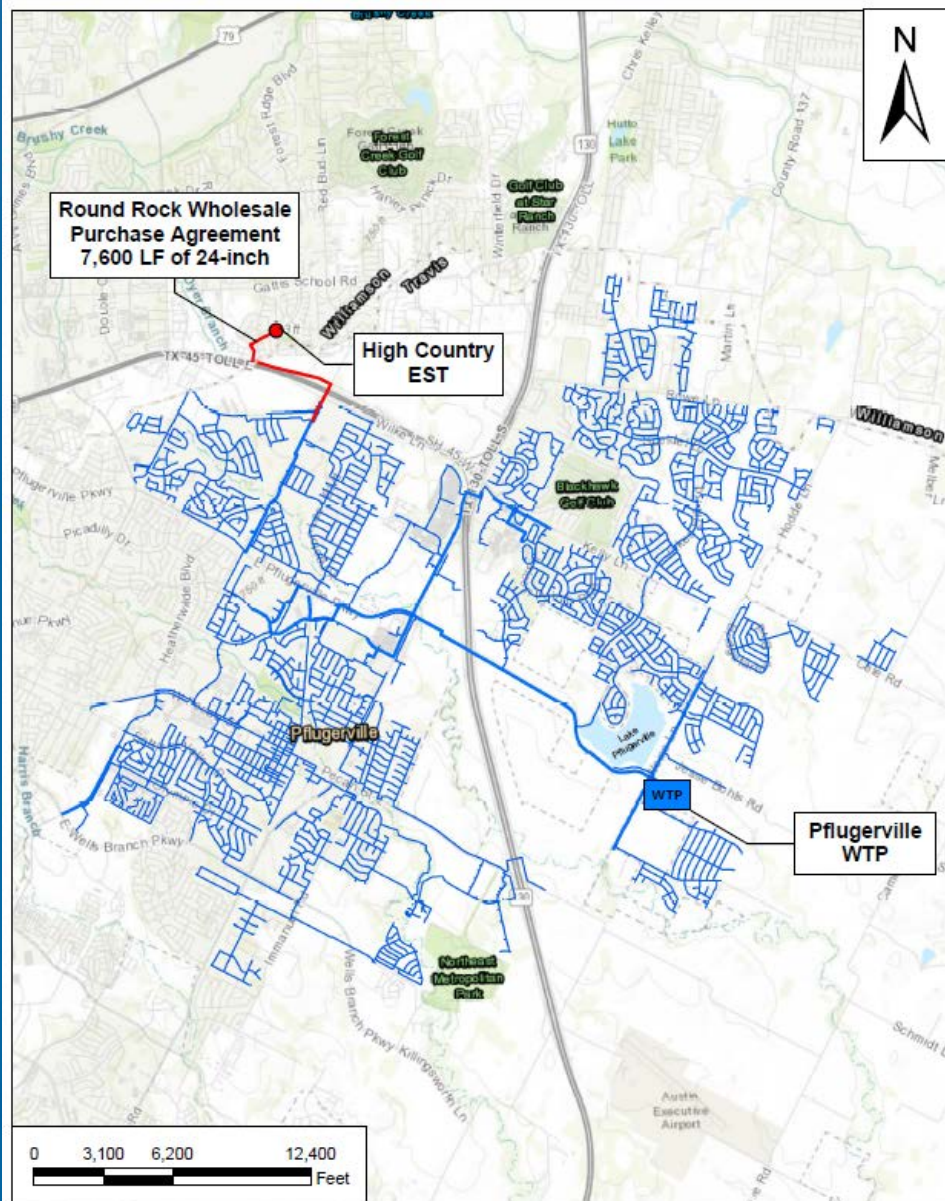
2021-0403

Discuss and consider action to approve a professional services supplemental agreement with Garver, the City's owner representative associated with the Surface Water Treatment Plant Expansion Project, in the amount of \$311,132 for professional engineering services related to an evaluation of future water supply alternatives and authorizing the City Manager to execute the same.



Water Supply Evaluation Background

- 2020 Water Master Plan
- March 2020: Garver brought on as Owner's Representative
- July 2020: Council Presentation on water supply options
- December 2020: Final Water Supply Alternatives Evaluation Report
- January 2021: Water rights attorney hired
- October 2020 – April 2021: Meetings with LCRA and BRA

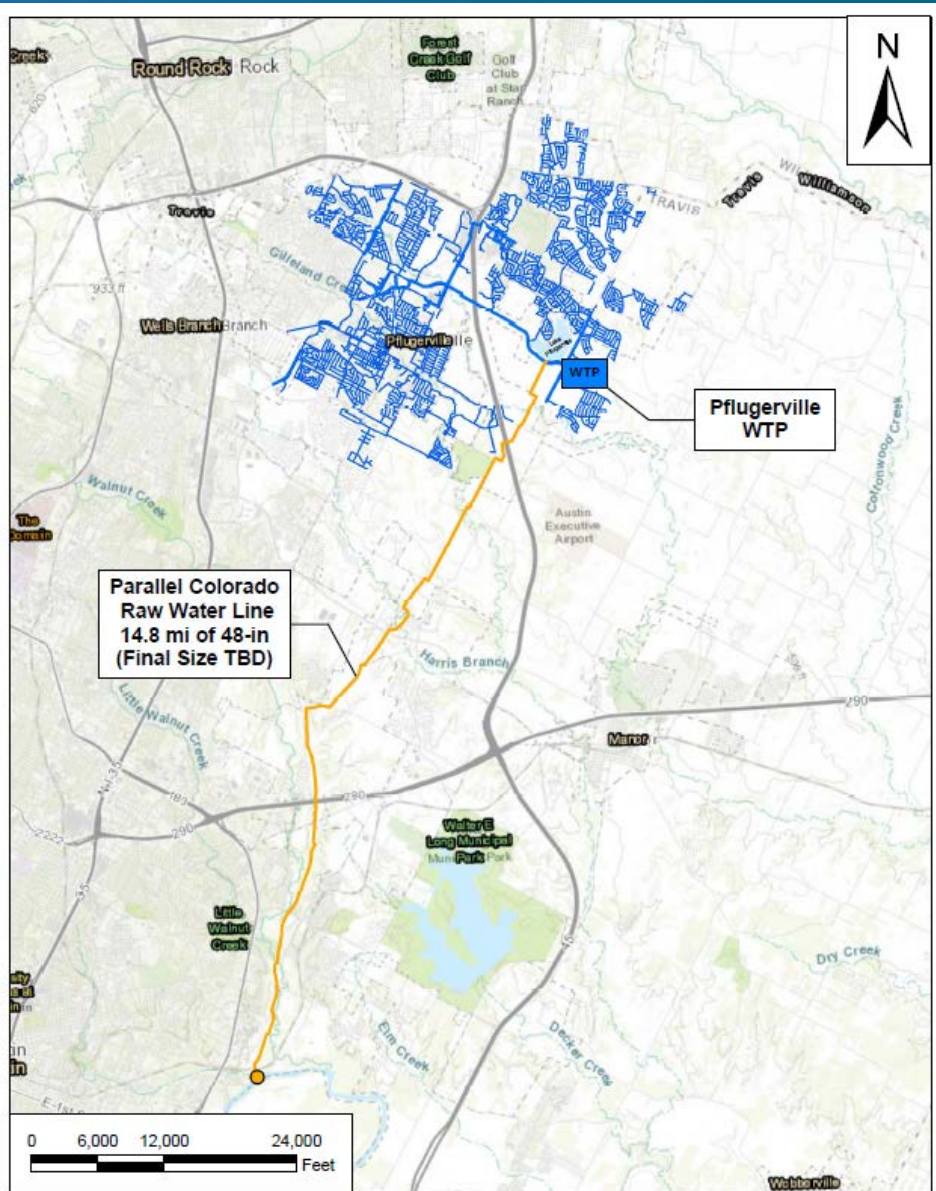


PFLUGERVILLE WTP
PFLUGERVILLE, TEXAS
ALTERNATIVE 1- City of Round Rock
Wholesale Purchase Connection
FIGURE: 3-1



3755 S Capital of Texas Hwy
Suite 325
Austin, TX 78704
(512) 485-0009



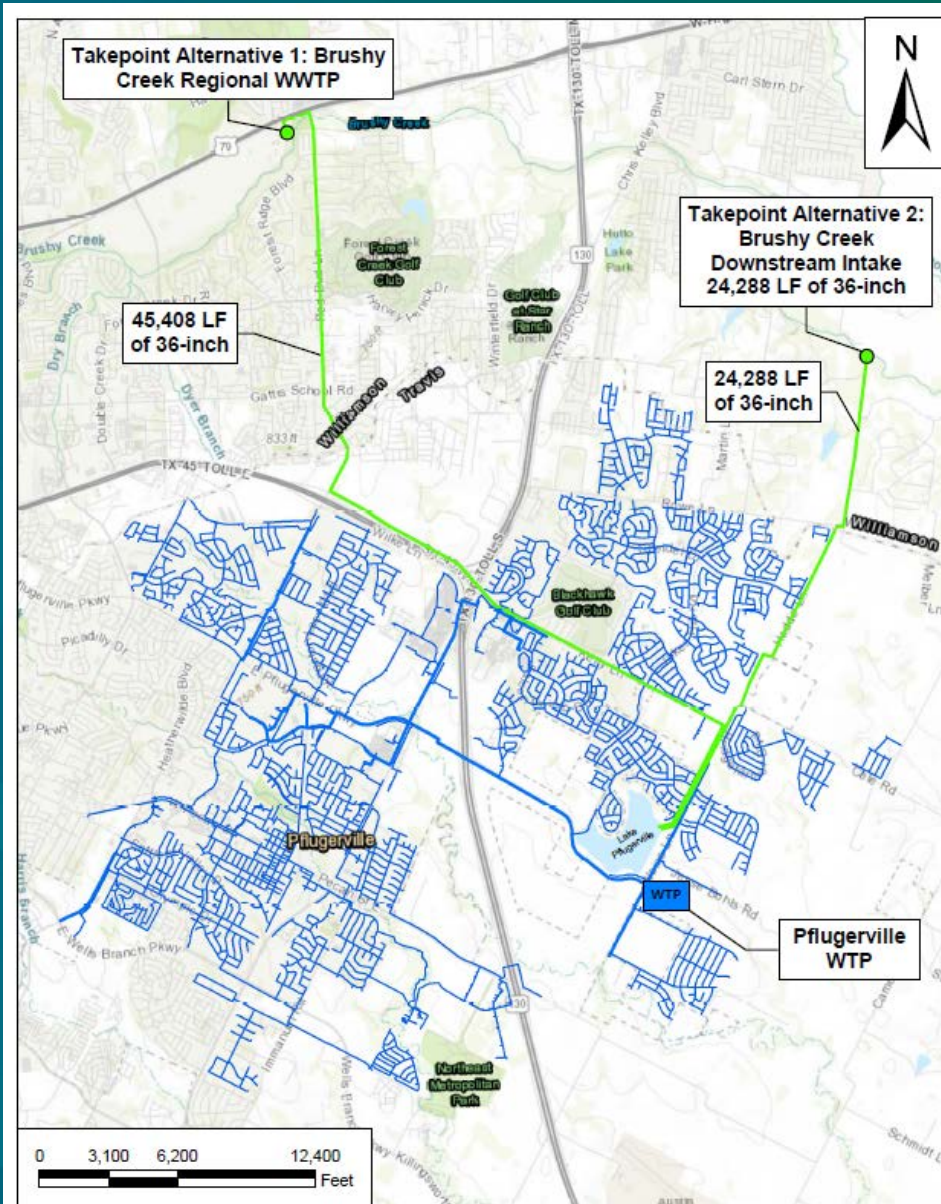


PFLUGERVILLE WTP
 PFLUGERVILLE TEXAS
 ALTERNATIVE 6- Colorado River

FIGURE: 3-4



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PFLUGERVILLE WTP
 PFLUGERVILLE TEXAS
 ALTERNATIVE 7- House Bill 1437

FIGURE: 3-6



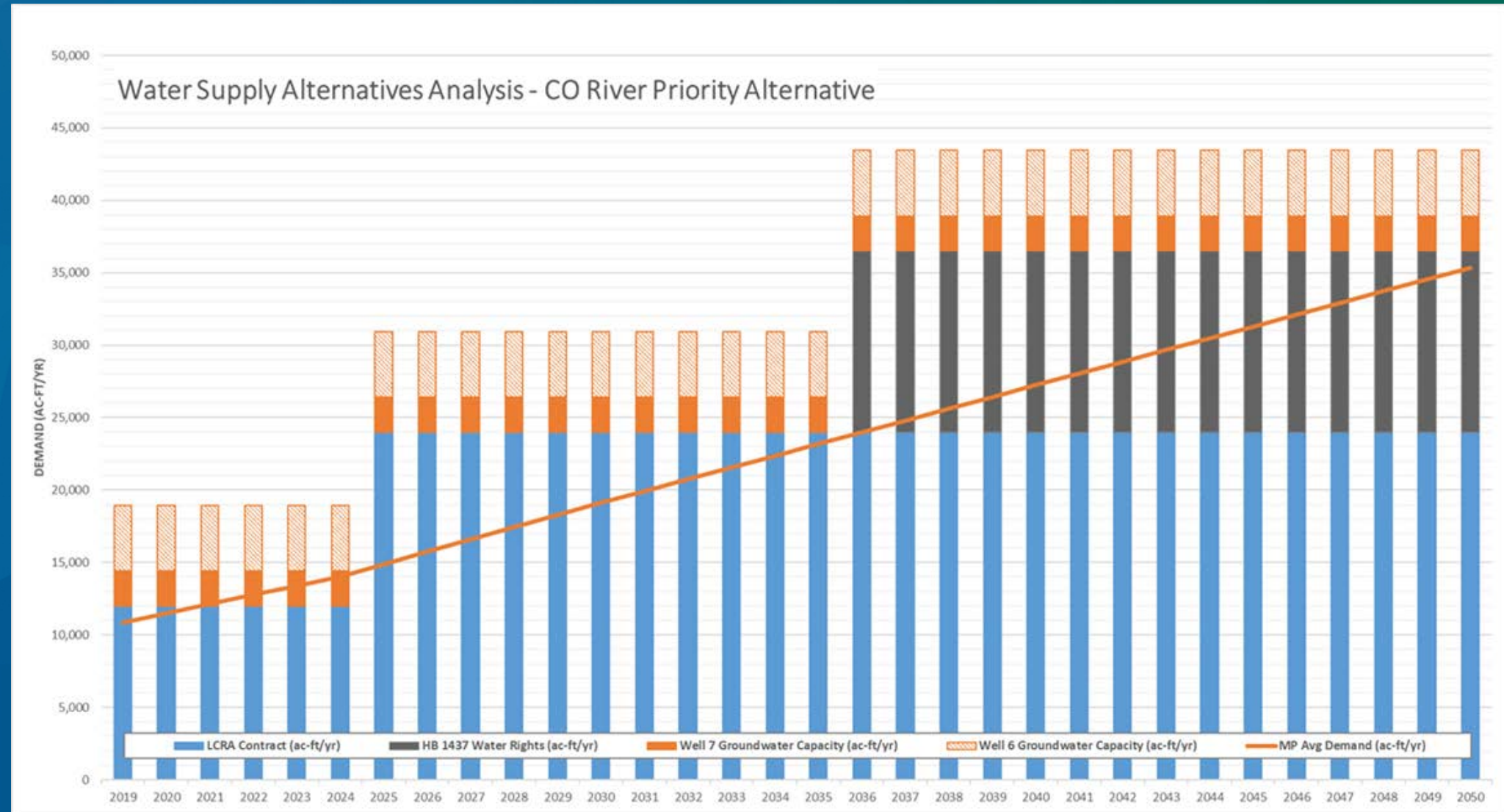
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Water Supply Evaluations Long-term Options

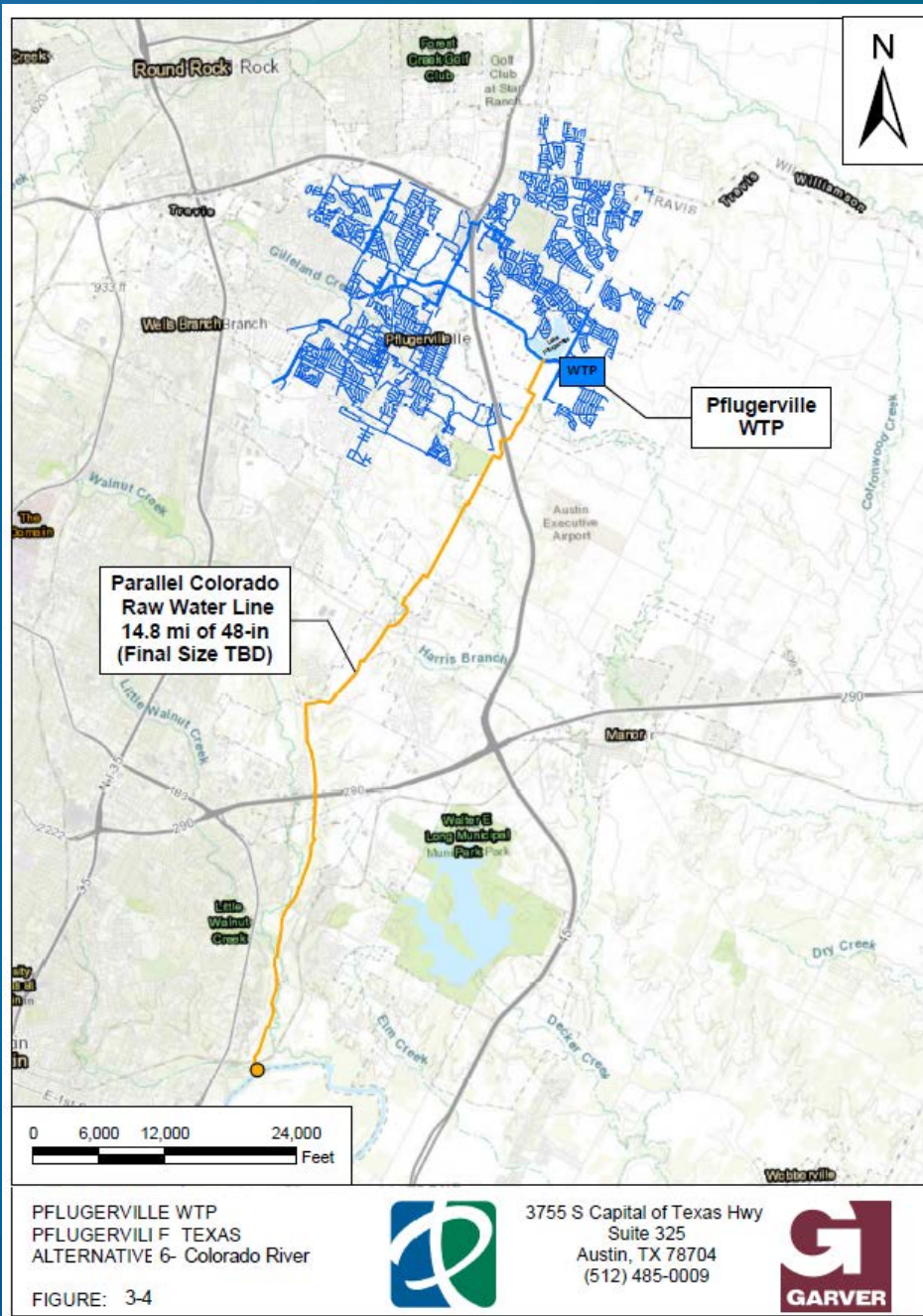


Water Supply Evaluation Timing



Project Scope

- Project Management
- Coordination meetings
- Colorado River Source Expansion
 - Data collection
 - Hydraulic Evaluation of Proposed Improvements
 - Pump Station Site Evaluation
 - Parallel Pipeline Route Analysis
- Preliminary Engineering Report
- Water Balance or Lake Pflugerville



Next Steps

- Continue discussions with LCRA and BRA on long-term water supply solutions
- Coordinate possible emergency interconnect with Round Rock
- Finalize Preliminary Engineering Report
- Negotiate water supply contracts
- Begin final design of Water Supply Project
- Continue preliminary evaluation and design of HB 1437 Water Supply Option



Staff Recommendation

Approve a professional services supplemental agreement with Garver, the City's owner representative associated with the Surface Water Treatment Plant Expansion Project, in the amount of \$311,132 for professional engineering services related to an evaluation of future water supply alternatives and authorizing the City Manager to execute the same.

