

Statutory Item 6D



Design Contract
For
Old Reliance Road Widening
April 8, 2024

Overall Scope

Scope:

- Continuation of a previously completed expansion of Old Reliance Road from Earl Rudder Freeway to Austin's Colony Parkway.
- The general configuration includes a four lane divided road from Austin's Colony Parkway east to the City limits, approximately 3,650 linear feet of roadway.
- 10-foot shared use path on one side of the road to provide pedestrian access to Rudder High School.
- Analysis and Replacement of an existing culvert at the Carter's Creek crossing.
- Replacement of the sanitary sewer trunk line crossing Old Reliance Road.



Request for Qualifications 24-008

Goodwin Lasiter Strong was selected through a Request for Qualifications process RFQ#24-008 and chosen as the most qualified to begin negotiations with out of 4 responding engineering firms. This project is in the approved Capital Improvement Projects 5-year Plan.



Proposed Scope

The scope of work for the engineering design includes the following but is not limited to:

- Prepare construction plan and profile drawings for a new section of roadway for Old Reliance Road
- Prepare construction plan and profile drawings for the reconfiguring of the intersection at Austin's Colony Parkway and Old Reliance Road.
- Prepare construction details
- Prepare technical specifications as needed
- Prepare documents for proposal for construction of the project
- Construction of this project will primarily be funded from congressional appropriations. The design must account for all additional requirements for federally funded projects, including but not limited to: procurement requirements, contracting requirements/provisions, bonding requirements, and environmental impact assessments.
- Prepare cost estimates
- Submit LOMR and CLOMR to FEMA

Proposed Schedule

Item / Phase / Task	Estimated Duration	Completion Date
I. Kick off Meeting		Tuesday, April 9, 2024
II. Schematic Design (start 4/09/24)	7 weeks	Tuesday, May 28, 2024
III. Preliminary Design (start 05/28/2024)	8 weeks	Tuesday, July 23, 2024
IV. Final Design (start 07/23/2024)	4 weeks	Tuesday, August 20, 2024
V. Bid Phase	5 weeks	Tuesday, September 24, 2024
VI. Contract Award	5 weeks	Tuesday, October 29, 2024
VII. Construction Phase	9 months	Tuesday, July 29, 2025

Costs

Preliminary EOPCC

ITEM	DESCRIPTION	ESTIMATE
1	General Items	\$ 645,500.00
2	Demolition Items	\$ 307,550.00
3	Paving and Drainage Items	\$ 4,605,550.00
4	Pavement Markings and Signage Items	\$ 57,000.00
5	Electrical Items (excluding wire)	\$ 384,000.00
6	15% Contingency	\$ 899,940.00
TOTAL		\$ 6,899,540.00

Design Fee Breakdown

BASIC SERVICES	
Design & ROW Surveying	\$ 66,000.00
Geotechnical Engineering	\$ 20,000.00
Environmental Engineering	\$ 30,500.00
Detention Basin Analysis (does not include LOMR/CLOMR)	\$ 83,400.00
Roadway/Street Drainage/Culvert/Street Lights/Utility Engineering	\$ 248,000.00
Detention Basin	\$ 18,000.00
Bid Phase	\$ 6,000.00
Construction Phase	\$ 35,000.00
SUBTOTAL	\$ 506,900.00
ADDITIONAL SERVICES	
Stream Modeling & LOMR (w/ single application fee)	\$ 141,400.00
SUBTOTAL	\$ 141,400.00
TOTAL	\$ 648,300.00

- Fee provided by Goodwin Lasiter Strong for their typical scope of work is \$506,900.00 which equates to 7.35% of the engineer's opinion of construction cost estimate.
- Atypical services bring the total contract with GLS to \$648,300.00 or 9.4% of the EOPCC.
- Staff feels the fees proposed for this work are justified based on the additional scope of services discussed above.

Questions?

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Old Reliance Road Widening
Austin's Colony Pkwy to City Limits
Design Contract