

WORK AUTHORIZATION NO. 3

PROJECT: Engineering Services for Right-of-Way Improvements on CR 239

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated May 31, 2022 and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and **Gray Engineering, Inc.** (the "Engineer").

Part 1. The Engineer will provide the following Engineering Services set forth in Attachment "B" of this Work Authorization.

Part 2. The maximum amount payable for services under this Work Authorization without modification is **\$110,530.00**.

Part 3. Payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the Contract.

Part 4. This Work Authorization shall become effective on the date of final acceptance and full execution of the parties hereto and shall terminate on **September 30, 2024**. The Engineering Services set forth in Attachment "B" of this Work Authorization shall be fully completed on or before said date unless extended by a Supplemental Work Authorization.

Part 5. This Work Authorization does not waive the parties' responsibilities and obligations provided under the Contract.

Part 6. County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Work Authorization. Engineer understands and agrees that County's payment of amounts under this Work Authorization is contingent on the County receiving appropriations or other expenditure authority sufficient to allow the County, in the exercise of reasonable administrative discretion, to continue to make payments under this Contract. It is further understood and agreed by Engineer that County shall have the right to terminate this Contract at the end of any County fiscal year if the governing body of County does not appropriate sufficient funds as determined by County's budget for the fiscal year in question. County may effect such termination by giving written notice of termination to Engineer.

Part 7. This Work Authorization is hereby accepted and acknowledged below.

EXECUTED this Sep 12, 2023

ENGINEER:

Gray Engineering, Inc.

By: 
Signature

David W. Gray, P.E.
Printed Name

President
Title

COUNTY:

Williamson County, Texas

By: *Valerie Covey*
Signature

Bill Gravell, Jr.
Printed Name

County Judge
Title

LIST OF ATTACHMENTS

Attachment A - Services to be Provided by County

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule

Attachment A - Services to be Provided by County

Williamson County Road & Bridge Division personnel will provide:

- Project direction, review and oversight
- Existing LIDAR contours and apparent ROW (Wilco's GIS Department)
- ROW and Road Survey

Attachment B - Services to be Provided by Engineer

Project Locations:

1. CR 239 – from Ronald Reagan Blvd to W FM 487 (19,943')

Task 1: Project Management

Maintain direction of the project with Williamson County via scheduled meetings. Provide monthly schedule and memo updates.

Task 2: Preliminary Engineering

Investigate the site upon an initial site visit and compare to County provided data to the survey. Assess the existing centerline for compliance with AASHTO standards and delineate changes that are possible given the current constraints of the existing ROW. Review existing pavement width throughout the road and review areas in need of additional width per the required 24' of desired pavement. Generate a preliminary centerline based on ROW constraints. Generate a preliminary proposed tie in grading to be located wholly within the ROW. Generate a 50% plan set for review by the County identifying areas to be discussed and modified in the final engineering scope. Generate a costs and quantities submittal. Note preliminary engineering design excludes drainage analysis, drainage structures, including culvert crossings, driveway approaches, roadside ditches, etc.

Task 3: Geotechnical Investigations

To be provided by the County
(pavement design)

Task 4: Final Engineering

Generate final condition design based on the preliminary centerline. Assess areas where existing pavement may be utilized and left in existing state. Based on the newly designed centerline and subsequent additional pavement, generate a cost estimate including erosion controls. Generate a fill analysis to include for cost purposes. Generate a final design plan set for County review and approval. Generate specific ROW purchase sheets to show the extents of proposed ROW to be purchased for road expansion. Note final engineering design excludes drainage analysis, drainage structures, including culvert crossings, driveway approaches, roadside ditches, etc.

For the project location (CR 239) listed above, provide the following:

Plan Sheets (11" x 17"):

- Cover Sheet
- Estimate of Quantities Summary
- Survey Controls
- Construction Notes & Typical Sections
- Erosion Control Plan
- Traffic Control Plan and Detour Plan
- Roadway Plan Sheets (1" = 50') (showing dimensioned roadway centerline, stationing,

ROW, 1' Survey & LIDAR contours, aerial background, and portions of additional impervious cover)

- Proposed ROW Expansion Sheets

In addition to the above plan sheets, the Engineer will provide the following:

- Cost Estimate
- Estimate of Quantities Summary
- Bid form for proposed ROW improvements
- Technical Specifications

Deliverables:

50% Submittal:

- 11"x 17" plan sheets, estimates and quantities for each roadway

100% Submittal:

- 11"x 17" plan sheets for the roadway
- General Notes and Technical Specifications for each roadway
- Estimates and quantities, bid form for the roadway

Final Signed and Seal Submittal:

- 11"x 17" plan sheets for the roadway, incorporating any final comments from the County

Attachment C - Work Schedule
CR 239 – from Ronald Reagan Blvd to W FM 487 (19,943')

Project: Williamson County
WA#3
Prepared By: Gray Engineering, Inc.
Date: August 28, 2023
Date Revised:

CR 239 – from Ronald Reagan Blvd to W FM 487 (19,943')			Complete
50% Submittal	70	Days	11/15/2023
100% Submittal	36	Days	12/21/2023
Final Signed and Sealed Set	25	Days	1/15/2024
Total		131 Days	

Start 9/6/2023
End 1/15/2024

RATE SCHEDULE

Principal	\$ 325.00
Project Manager	250.00
Project Engineer	200.00
EIT	150.00
Designer	130.00
Project Representative	130.00
Administration	150.00