

**SUPPLEMENTAL WORK AUTHORIZATION NO. 2**  
**TO**  
**WORK AUTHORIZATION NO. 2**

**WILLIAMSON COUNTY ROAD BOND PROJECT:**  
**Ronald Reagan Corridor Segment A**

This Supplemental Work Authorization No. 2 to Work Authorization No. 2 is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated March 9<sup>th</sup>, 2021 ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and LJA Engineering (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. 2 dated effective October 28<sup>th</sup>, 2021 (the "Work Authorization");

WHEREAS, pursuant to Article 14 of the Contract, amendments, changes and modifications to a fully executed Work Authorization shall be made in the form of a Supplemental Work Authorization; and

WHEREAS, it has become necessary to amend, change and modify the Work Authorization.

**AGREEMENT**

NOW, THEREFORE, premises considered, the County and the Engineer agree that the Work Authorization shall be amended, changed and modified as follows:

- I. The Services to be Provided by the County that were set out in the original Attachment "A" of the Work Authorization are hereby amended, changed and modified as shown in the attached revised Attachment "A" (must be attached).
- II. The Services to be Provided by the Engineer that were set out in the original Attachment "B" of the Work Authorization are hereby amended, changed and modified as shown in the attached revised Attachment "B" (must be attached).
- III. The Work Authorization shall terminate on March 1<sup>st</sup>, 2023. The Services to be Provided by the Engineer shall be fully completed on or before said date unless extended by an additional Supplemental Work Authorization. The revised Work Schedule is attached hereto as Attachment "C" (must be attached).
- IV. The maximum amount payable for services under the Work Authorization is hereby increased from \$ 881,871.00 to \$ 1,054,231.00. The revised Fee Schedule is attached hereto as Attachment "D" (must be attached).

Except as otherwise amended by prior or future Supplemental Work Authorizations, all other terms of the Work Authorization are unchanged and will remain in full force and effect.

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

**IN WITNESS WHEREOF**, the County and the Engineer have executed this Supplemental Work Authorization, in duplicate, to be effective as of the date of the last party's execution below.

**ENGINEER:**

By: Kenneth G. Schrock  
Signature

Kenneth G. Schrock, PE  
Printed Name

Senior Vice President  
Title

8/26/2022  
Date

**COUNTY:**

By: \_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

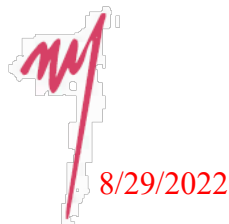
**LIST OF ATTACHMENTS**

Attachment A - Services to be Provided by County

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule

A red ink signature is written over a red outline map of the state of Missouri. Below the signature, the date "8/29/2022" is stamped in red ink.

**ATTACHMENT A**  
**SERVICES TO BE PROVIDED BY THE COUNTY FOR**  
**RONALD REAGAN CORRIDOR SEGMENT A**

In general, Williamson County and its representatives to their best efforts will render services as follows:

1. Name, business address, and phone number of County's project manager.
2. Assistance to the Engineer, as necessary, with obtaining data and information from other local, regional, State and Federal agencies required for this project.
3. Obtain Rights of Entry from landowners.
4. Provide available appropriate County data on file including plans and specifications that are deemed pertinent to the completion of the work required by the scope of services (including previous hydraulic studies, models, previous reports and studies, available existing traffic counts, and design year traffic projections).
5. Provide available criteria and full information as to the client's requirements for the project. Provide examples of acceptable format for the required deliverables.
6. Provide information on any meetings/discussions held with adjoining property owners that may impact the project.
7. Provide timely reviews and decisions necessary for the Engineer to maintain the project work schedule. Review recommendations offered by the Engineer, progress of work, and final acceptance of all documents.
8. Submittal of documentation and permits to regulatory agencies for review and comment, when specified.
9. Support project development efforts with stakeholders, coordinate meetings and interface with stakeholders, as needed.
10. Post and maintain project information for public consumption on the County website.
11. Assist with Coordination between the Engineer and the County's other consultants.
12. Negotiate with all utility companies for any agreements and/or relocations required.
13. Provide an agent as necessary to secure proposed ROW and relocate/remove improvements on proposed ROW.

**ATTACHMENT B**  
**SERVICES TO BE PROVIDED BY THE ENGINEER FOR**  
**Ronald Reagan – Segment A**  
**PROJECT DESCRIPTION**

Project Limits

Ronald Reagan Boulevard from RM 1431 to RM 2243.

Existing Facility

The existing road is a 2-lane roadway with asphalt pavement and with varying widths of existing ROW 200ft to 260ft.

Proposed Facility

Multiple proposed alternatives featuring mainlanes, curb and gutter frontage roads, ramps, auxiliary lanes, arterial cross streets, shared use path(s) with an approximate proposed ROW width of 200ft, from the project limits mention above.

Design Criteria

The proposed design criteria for the project will be developed from Williamson County and TxDOT design criteria as applicable. Utilize the existing schematic to the extent possible and match the criteria for the adjacent project.

1. PROJECT MANAGEMENT

- a. Communication:
  - a. Designate one Licensed Professional Engineer (Texas) to be responsible for the project management, and all communications with the County and its representatives.
- b. Monthly Progress Report, Invoices, and Billings (2 additional months assumed):
  - a. Submit monthly progress status reports to the GEC. Progress reports will include deliverable table, tasks completed, tasks/objectives that are planned for the upcoming periods, lists or descriptions of items or decisions needed from the County and its representatives. Subconsultant progress will be incorporated into the monthly progress report. A copy of the monthly progress report will be uploaded to ProjectWise.
  - b. Prepare correspondence, invoices, and progress reports on a monthly basis in accordance with current County requirements.
- c. Quality Assurance and Quality Control (QA/QC):
  - a. For each deliverable submittal, provide evidence of their internal review and mark-up of that deliverable as preparation for submittal and in accordance with submitted project specific QA/QC plan.
  - b. Provide continuous QA/QC throughout the duration of the scheduled services included herein to appraise both technical and business performance and provide direction for project activities.

- d. Project Coordination & Administration:
  - a. Correspondence and coordination will be handled through & with the concurrence of the GEC.
  - b. Manage project activities (including documenting emails, phone and conference calls, maintain project files for the length of the project, meeting agendas, meeting minutes, and schedule meetings), direct Engineer's team/staff, coordinate and review sub-consultant work, correspond with the County and its representatives, and assist the County and its representatives in preparing responses to project-related inquiries.
- e. Progress/Coordination Meetings (2 external meetings assumed):
  - a. Attend coordination/progress meeting with the County and its representatives and stakeholders, as necessary to communicate development of the project and design issues.
  - b. Conduct internal coordination meetings as required to advance the development of the project.
- f. Project Schedule:
  - a. Revise project schedule indicating tasks, subtasks, critical dates, milestones, and deliverables. Submit to County as requested.

**Deliverables:**

- b. Monthly Invoices and Progress Reports including Deliverable Table
- c. Meeting Minutes, Sign-In Sheets, and Agendas
- d. Project Schedule and Updates
- e. Project Files
- f. QA/QC Documentation with Deliverable

## 2. CONCEPTUAL LAYOUT DEVELOPMENT

- a. Prepare plan view conceptual layouts of multiple alternatives from RM 1431 to RM 2243:
  - 1 express lane & 3 frontage roads (each direction)
  - Super arterial – 6 lane divided arterial with express lane for grade separated intersections
  - Investigate other alternatives and solutions for adding lanes through project limits
- b. Prepare Preliminary Costs Estimate for the construction quantities covering all items of the proposed work
- c. Present and discuss conceptual layouts to County and its representatives

### **Deliverables:**

- Conceptual Layout of each alternative
- Preliminary Cost Estimate of each alternative

## 3. DELIVERABLES:

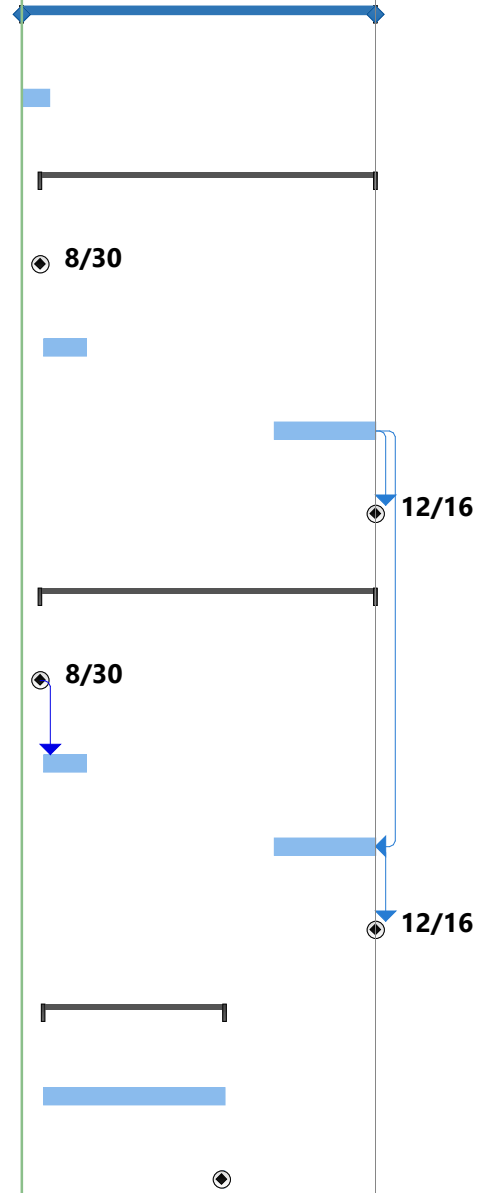
- a. Documents:
  - a. All contract documents, including a pdf copy of each deliverable, native electronic files, models and calculations will be uploaded to the County's project management database at each milestone and at the completion of the project. One hard copy of each deliverable will be provided unless additional copies are required per the submittal checklist.

## 4. EXCLUSIONS:

- a. The following items are not included in this work authorization:
  - PUBLIC INVOLVEMENT.
  - RIGHT-OF-WAY (ROW) MAPPING.
  - CLOMR OR LOMR.
  - ENVIRONMENTAL SERVICES (ONLY DESKTOP REVIEW).
  - GEOTECHNICAL SERVICES.
  - PLAN PREPARATION (PS&E) SERVICES.
  - BIDDING PHASE SERVICES.
  - CONSTRUCTION PHASE SERVICES.
  - UTILITY COORDINATION OR RELOCATION ESTIMATES.

Ronald Reagan Corridor - Segment A - SWA2 to WA2  
Attachment C

ID	Task Name	Duration	Start	Jul	Aug	Sep	Oct	Nov	Dec	2023 Jan
0	<b>RRSegA_SWA2 to WA2</b>	<b>83 days</b>	<b>Wed 8/24/22</b>							
1	Project Management	7 days	Wed 8/24/22							
2	<b>Schematic Development</b>	<b>79 days</b>	<b>Tue 8/30/22</b>							
3	Submit Draft Schematic for Review	0 days	Tue 8/30/22							
4	GEC Review	10 days	Wed 8/31/22							
5	Final Schematic Development	25 days	Mon 11/14/22							
6	Submit Final Schematic	0 days	Fri 12/16/22							
7	<b>Drainage Study</b>	<b>79 days</b>	<b>Tue 8/30/22</b>							
8	Submit Draft Drainage Report	0 days	Tue 8/30/22							
9	GEC Review	10 days	Wed 8/31/22							
10	Prepare Final Drainage Report	25 days	Mon 11/14/22							
11	Submit Final Drainage Report	0 days	Fri 12/16/22							
12	<b>Conceptual Layouts</b>	<b>43 days</b>	<b>Wed 8/31/22</b>							
13	Develop Conceptual Layout Alternatives	43 days	Wed 8/31/22							
14	Conceptual Layout Submittal	1 day	Fri 10/28/22							



Ronald Reagan Corridor - Segment A - SWA2 to WA2												
TASK DESCRIPTION	Project Principal	Project Manager	Quality Manager	Senior Engineer	Project Engineer	Design Engineer	Senion Engineering Technician	E.I.T.	Senior CADD Operator	CADD Operator	Admin	Total
	275.00	245.00	230.00	215.00	170.00	155.00	140.00	135.00	125.00	100.00	80.00	
	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS
TASK 1 – PROJECT MANAGEMENT												
1.a	Communication											
	Project management communication with County and its representatives	2	4									6
1.b	Monthly Progress Report, Invoices, & Billings (2 additional months assumed)											
	Monthly Progress Reports		2								2	4
	Monthly Invoices		2								2	4
1.c	QA/QC Plan											
	Internal QA/QC at Each Deliverable		4	16	4	4					4	32
	Provide Continuous QA/QC Throughout Project		4	16	4	4						28
1.d	Project Coordination & Administration											
	Coordination with the GEC	2	16		4	4						26
	Manage Project Activities (emails, calls, meetings, coordination)		16		4	4					4	28
1.e	Progress/Coordination Meetings (2 external meetings assumed)											
	Progress Meetings with County and Representatives and Preparation	2	6		4	4		4				20
1.f	Project Schedule											
	Revise Project Schedule		2		2	2						6
TASK 1 TOTAL HOURS		6	54	32	20	20	0	0	4	0	0	148
TASK 1 TOTAL FEE		\$1,650	\$13,230	\$7,360	\$4,300	\$3,400	\$0	\$0	\$540	\$0	\$0	\$31,440
TASK 2 – CONCEPTUAL LAYOUT DEVELOPMENT												
2.a	Conceptual Layout Development											
	Conceptual Layout of 1 Express Lane & 3 Frontage Roads	8	24		24	40	80		80	40	80	376
	Conceptual Layout of Super Arterial - 6 Lane Divided with Express Lane at Cross Streets	4	20		20	30	60		60	30	60	284
	Intestigate Other Alternatives	4	16		16	20	20		20	10	20	126
2.b	Preliminary Cost Estimates											
	Prepare Preliminary Cost Estimate for Each Alternative	4	16		20	20	20		40			120
TASK 2 TOTAL HOURS		20	76	0	80	110	180	0	200	80	160	906
TASK 2 TOTAL FEE		\$5,500	\$18,620	\$0	\$17,200	\$18,700	\$27,900	\$0	\$27,000	\$10,000	\$16,000	\$140,920
TOTAL Ronald Reagan Corridor - Segment A Tasks												
TOTAL HOURS (LJA)		26	130	32	100	130	180	0	204	80	160	1054
TOTAL LABOR FEE (LJA)		\$7,150	\$31,850	\$7,360	\$21,500	\$22,100	\$27,900	\$0	\$27,540	\$10,000	\$16,000	\$172,360