

SUPPLEMENTAL WORK AUTHORIZATION NO. 2
TO
WORK AUTHORIZATION NO. 1

WILLIAMSON COUNTY ROAD BOND PROJECT:
SH 195 At Ronald Reagan Blvd.

This Supplemental Work Authorization No. 2 to Work Authorization No. 1 is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated May 19, 2024 ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Pape-Dawson Consulting Engineers, LLC (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. 1 dated effective March 22, 2024 (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 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".
- II. The maximum amount payable for services under the Work Authorization is hereby increased from \$872,764.00 to \$1,032,654.00. The revised Work Schedule is attached hereto as Attachment "D" (must be attached).

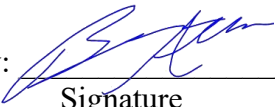
Except as otherwise amended by prior or future Supplemental Work Authorizations, all other terms of the Work Authorization are unchanged and will remain in full force and effect.

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:

COUNTY:

By: 
Signature

Brian Allen, P.E.
Printed Name

Associate Vice President
Title

09/02/2025
Date

By: _____
Signature

Printed Name

Title

Date

LIST OF ATTACHMENTS:

Attachment B - Services to be Provided by Engineer

Attachment C – Work Schedule

Attachment D - Fee Schedule

APPROVED

By Christen Eschberger at 3:30 pm, Sep 08, 2025

ATTACHMENT B
SERVICES TO BE PROVIDED BY THE ENGINEER FOR
SH 195 AT RONALD REAGAN BOULEVARD

PROJECT DESCRIPTION

1. PROJECT MANAGEMENT

a. MONTHLY PROGRESS REPORTS, INVOICES, AND BILLINGS (8 months assumed):

- 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.
- Prepare correspondence, invoices, and progress reports on a monthly basis in accordance with current County requirements.

b. PROJECT COORDINATION & ADMINISTRATION:

- Prepare and maintain routine project record keeping including records of meetings and minutes.
- Correspondence and coordination will be handled through & with the concurrence of the GEC.
- 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.

c. PROGRESS/COORDINATION MEETINGS (12 external meetings assumed):

- Attend a kickoff meeting and coordination/progress meeting with the County and its representatives and stakeholders, as necessary to communicate development of the project and design issues.

- Prepare agenda and sign-in sheets for external coordination/progress meetings.
- Prepare meeting minutes for review via email within three (3) business days of the external coordination/progress meeting.
- Conduct internal coordination meetings as required to advance the development of the project.

d. **PROJECT SCHEDULE:**

- Maintain a project schedule indicating tasks, subtasks, critical dates, milestones, and deliverables. Submit to County as requested.

e. **DELIVERABLES:**

- Monthly Invoices and Progress Reports including Deliverable Table
- Meeting Minutes, Sign-In Sheets, and Agendas
- Project Schedule and Updates
- Project Files

2. **ROUTE AND DESIGN STUDIES**

a. **DATA COLLECTION:**

- Analyze traffic queuing for Ramp A westbound traffic in the interim and ultimate conditions both with and without signalization using traffic data provided by the GEC.

b. **DELIVERABLES:**

- Queuing analysis for previously designed Ramp A

8. **SCHEMATIC DEVELOPMENT**

a. **SCHEMATIC:**

- i. Develop additional preliminary schematic design alternatives including cost estimates, conceptual design exhibits for stakeholder coordination, access

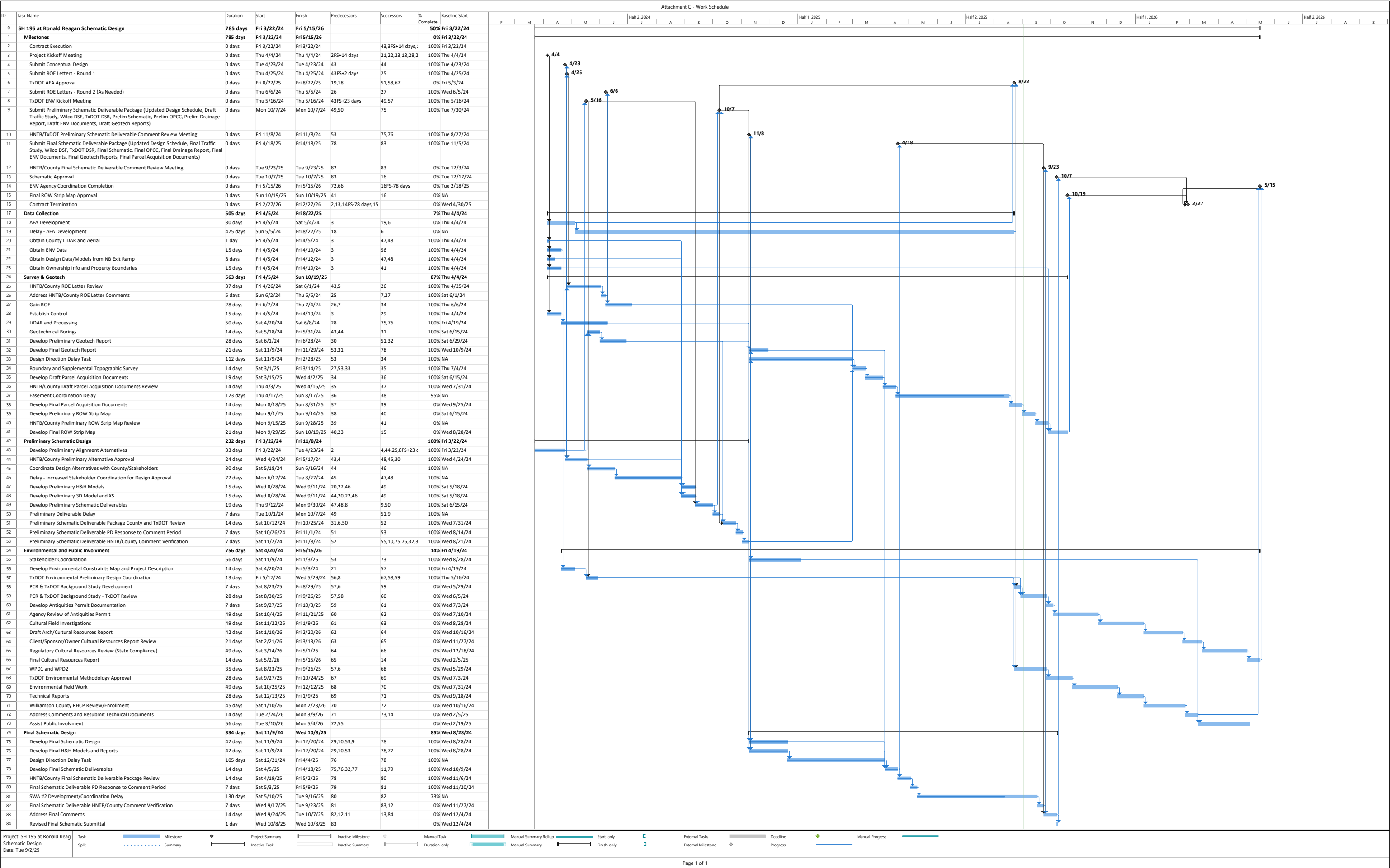
alternatives for proposed development, drainage and detention analysis, water quality analysis, and ROW requirements.

- ii. Extend project limits to include a new frontage road between Ronald Reagan Blvd and SH 195 northbound entrance ramp. Frontage road design to include deceleration lanes for CR 239 and proposed Longhorn Landing Rd. Additional roadway and ditch modeling, cross section development, ditch and roadway profiling, cross drainage analysis, striping, and traffic control design required.
- iii. Develop access modification design and exhibits for CR 239 and proposed commercial site adjacent to proposed Longhorn Landing, and design proposed NB to SB turnaround along SH 195 north of Longhorn Landing to provide SB access.
- iv. Design storm drain to accommodate Jellyfish Filters. Design then modified to remove Jellyfish Filters and utilize vegetative filter strips alongside detention pond in accordance with TCEQ criteria. Design modified to remove pond and instead utilize PFC pavement in accordance with City of Georgetown and TxDOT criteria.
- v. Developed additional OPCC alternatives and provided a recommendation for ramp alternatives to build only 1 or 2 of the ramps instead of all 3 at once per GEC request.

10. ENVIRONMENTAL SERVICES

- i. Perform a traffic noise analysis in accordance with the current version of the State's (FHWA approved) "Guidelines for Analysis and Abatement of Roadway Traffic Noise".
 - a. Comply with all noise policy, guidelines and standards found on TxDOT's Traffic Noise Toolkit website. Upon request, TxDOT shall provide the Engineer's Technical Expert with existing and predicted (future) traffic data and, when available, aerial photography.
 - b. By project location site visit, identify adjacent, land use development and photo document representative receivers that might be impacted by highway traffic noise and may benefit from feasible and reasonable noise abatement.

- c. Determine existing and predicted noise levels for representative receivers, as follows:
- d. Take field measurements of existing noise levels, perform computer modeling of existing noise levels and predicted (future) noise levels. Field measurements may be necessary for more complex projects and for model validation purposes.
- e. Computer modeling shall be accomplished with the latest FHWA approved Traffic Noise Model (TNM) software program which must be purchased at the expense of the Engineer's Technical Expert from the software distributor.
- f. Identify impacted receivers in accordance with the absolute and relative impact criteria.
- g. Consider and evaluate all required noise abatement measures for impacted receivers in accordance with the feasible and reasonable criteria.
- h. Propose noise abatement measures that are both feasible and reasonable.
- i. Determine predicted (future) noise impact contours for transportation activities where there is adjacent undeveloped property where residential or commercial development is likely to occur in the near future.



Pape-Dawson Consulting Engineers, LLC
SH 195 / Ronald Reagan Interchange
SWA #2 to
Work Authorization #1

Williamson County
SWA #2 to Work Authorization #1

FEE SUMMARY FOR PROFESSIONAL SERVICES

Project(s): SH 195 / Ronald Reagan Interchange

Prime Consultant: Pape-Dawson Consulting Engineers, LLC, Austin, Texas

Proposal Date: 5/9/2025

Prepared By: Brian Allen, P.E.

Scope of Work:
Construct 3 remaining ramps at SH 195 to Ronald Reagan Boulevard

DESCRIPTION	WA#1	SWA #2	TOTAL
TASK 1 - PROJECT MANAGEMENT	\$88,195.00	\$29,720.00	\$117,915.00
TASK 2 - ROUTE AND DESIGN STUDIES	\$34,395.00	\$7,580.00	\$41,975.00
TASK 8 - SCHEMATIC DEVELOPMENT	\$152,250.00	\$94,050.00	\$246,300.00
TASK 10 - ENVIRONMENTAL SERVICES	\$241,940.00	\$28,540.00	\$270,480.00
OTHER DIRECT EXPENSES	\$88,864.00	\$0.00	\$88,864.00
SUBTOTAL LABOR + EXPENSES	\$872,764.00	\$159,890.00	\$1,032,654.00

Pape-Dawson Consulting Engineers, LLC
SWA #2 to
Work Authorization #1

Williamson County- 20240319									
	Vice President	Associate Vice President	Project Manager	Sr. QC Reviewer	Senior Project Engineer	Project Engineer	E.I.T.	Admin / Clerical	TOTAL LABOR HRS. & COSTS
TASK 1 - PROJECT MANAGEMENT									
PROJECT MANAGEMENT AND ADMINISTRATION									
PM coordination with County PM (additional 6 months Oct 2024 - Oct 2025)		16	16						32
Monthly Progress Report / Invoicing / Billing (8 months)(Oct 2024- Oct 2025)		8	8					7	23
Monthly Progress Report / Invoicing / Billing (8 months)(May 2025- Oct 2025)(ENV work)		8	8					8	24
Attend 12 External Progress/Coordination Meetings (Assume Virtual)(6 months additional schematic development effort)		12	12						24
Prepare Agendas, Sign in Sheets, and Meeting Minutes (8 additional meetings)							8	8	16
Maintain Project Schedule & Project Deliverables Table(6 months additional schematic development effort)		2	4						6
HOURS SUB-TOTALS	0	46	48	0	0	0	8	23	125
CONTRACT RATE PER HOUR	\$360.00	\$300.00	\$245.00	\$285.00	\$220.00	\$200.00	\$175.00	\$120.00	
TOTAL LABOR COSTS	\$0.00	\$13,800.00	\$11,760.00	\$0.00	\$0.00	\$0.00	\$1,400.00	\$2,760.00	\$29,720.00
SUBTOTAL									\$29,720.00
TASK 2 - ROUTE AND DESIGN STUDIES									
Traffic Study									
Develop queue length exhibits for Ramp A project			4			12	24		40
HOURS SUB-TOTALS	0	0	4	0	0	12	24	0	40
CONTRACT RATE PER HOUR	\$360.00	\$300.00	\$245.00	\$285.00	\$220.00	\$200.00	\$175.00	\$120.00	
TOTAL LABOR COSTS	\$0.00	\$0.00	\$980.00	\$0.00	\$0.00	\$2,400.00	\$4,200.00	\$0.00	\$7,580.00
SUBTOTAL									\$7,580.00
TASK 8 - SCHEMATIC DEVELOPMENT									
SCHEMATIC DESIGN - PRELIMINARY									
Developed additional alternatives and conceptual layout exhibit (dated 5/24/2024)		2	12			16	60		90
Modified 3D modeling and cross sections, alignments, profiles, and grading for extended project limits and frontage road		2	16			60	90		168
Finalized design intent and conceptual layout exhibits (dated 6/7/2024 and 7/9/2024)		2	12			16	30		60
Developed storm drain and WQ design for Jellyfish filters, re-designed for pond, and re-designed for PFC		2	16			40	90		148
SCHEMATIC DESIGN - FINAL									
Developed OPCC alternatives for building 1 ramp & 2 ramps instead of all 3 per GEC request on 4/28/2025		1	4			8	8		21
									0
HOURS SUB-TOTALS	0	9	60	0	0	140	278	0	487
CONTRACT RATE PER HOUR	\$360.00	\$300.00	\$245.00	\$285.00	\$220.00	\$200.00	\$175.00	\$120.00	
TOTAL LABOR COSTS	\$0.00	\$2,700.00	\$14,700.00	\$0.00	\$0.00	\$28,000.00	\$48,650.00	\$0.00	\$94,050.00
SUBTOTAL									\$94,050.00
TASK 10 - ENVIRONMENTAL SERVICES									
ENVIRONMENTAL SERVICES									
Noise analysis	8		8	4				4	144
									0
HOURS SUB-TOTALS	8	0	8	4	0	0	0	4	144
CONTRACT RATE PER HOUR	\$360.00	\$300.00	\$245.00	\$285.00	\$220.00	\$200.00	\$175.00	\$120.00	
TOTAL LABOR COSTS	\$2,880.00	\$0.00	\$1,960.00	\$1,140.00	\$0.00	\$0.00	\$0.00	\$480.00	\$28,540.00
SUBTOTAL									\$28,540.00
GRAND TOTAL									\$159,890.00