SUPPLEMENTAL WORK AUTHORIZATION NO. 5
TO
WORK AUTHORIZATION NO. 6

WILLIAMSON COUNTY CORRIDOR PROJECT:
Utility Coordination/SUE for CR 201 From Umbrella Sky to CR 200

This Supplemental Work Authorization No. 5 to Work Authorization No. 6 is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated July 16, 2019 ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Cobb, Fendley & Associates, Inc. (the "Firm").

WHEREAS, the County and the Engineer executed Work Authorization No. 6 dated effective November 03, 2021 (the "Work Authorization");

WHEREAS, pursuant to 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 maximum amount payable for services under the Work Authorization is hereby increased from $239,401.50 to $288,079.50.
II. Supplemental scope of services is attached hereto as Attachment "B" (must be attached).
III. Supplemental fee is attached hereto as Attachment "D" (must be attached)

County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Supplemental Work Authorization. Firm understands and agrees that County's payment of amounts under this Supplemental 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 the Supplemental Work Authorization. It is further understood and agreed by Firm that County shall have the right to terminate this Supplemental Work Authorization 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 Firm.

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.

FIRM:	**WILLIMASON COUNTY:**
By: _ Sandra G Khoury __	By: _____
	Signature
__Sandra G. Khoury, P.E._____	_____
Printed Name	Printed Name
__Executive Vice President_____	_____
Title	Title
___September 11, 2025_____	_____
Date	Date

ATTACHMENT B

SERVICES TO BE PROVIDED BY ENGINEER

Scope of Services provided by Cobb, Fendley & Associates, Inc. (the Utility Coordinator), involves utility coordination and engineering services in Williamson County, Texas, (the County) for Williamson County Road and Bridge as described below:

This scope includes the following major tasks:

1. SUBSURFACE UTILITY ENGINEERING (SUE)

4. SUBSURFACE UTILITY ENGINEERING.

Subsurface Utility Engineering services includes utility investigations subsurface and above ground prepared in accordance with AASHTO standards and Utility Quality Levels as defined in the Utilities Section of the Design Criteria Manual.

Based on the review of existing utilities and proposed roadway design, bridge design, drainage design, and other potential conflicts for utilities, the Utility Coordinator will recommend required test holes after completion of 60% conflict assessment. The Utility Coordinator will coordinate with the appropriate Utility Owner to utilize internal work forces to perform required test holes for verification of its facilities.

If requested, the Utility Coordinator will coordinate with the County and/or its Designated Representative to provide the required test holes. A sketch of the area to be included for the proposed test hole locations “Level A” will be provided prior to the start of the work and must be approved by the County and/or its Designated Representative. The County or its Designated Representative will provide comments or approval of test hole plan within five (5) business days.

4.1. Subsurface Utility Designate Service (Quality Level B) up to 5,000 LF. Designate means to indicate the horizontal location of underground utilities by the application and interpretation of appropriate non-destructive surface geophysical techniques and reference to established survey control. Quality Level B is inclusive of Quality Levels C and D. The Utility Coordinator shall:

4.1.1. As requested by the County, compile "As Built" information from plans, plats and other location data as provided by the utility owners.

4.1.2. Coordinate with utility owner when utility owner's policy is to designate their own facilities at no cost for preliminary survey purposes. The Utility Coordinator will examine utility owner's work to ensure accuracy and completeness.

4.1.3. Designate, record and mark the horizontal location of the existing utility facilities and their service laterals to existing buildings using non-destructive surface geophysical techniques. No storm sewer facilities are to be designated unless authorized by the County. A non-water base paint, utilizing the APWA color code scheme, must be used on all surface markings of underground utilities.

4.1.4. Correlate utility owner records with designating data and resolve discrepancies using professional judgment. A color-coded composite utility facility plan with utility owner names, quality levels, line sizes and subsurface utility locate (test hole) locations, if applicable will be prepared and delivered to the County or its Designated Representative. It is understood by both the Utility Coordinator and the County that the line sizes of designated utility facilities detailed on the deliverable are from the best available records and that an actual line size is normally determined from a test hole vacuum excavation. A note must be placed on the designate deliverable only that states "lines sizes are from best available records". All above ground appurtenance locations must be included in the deliverable to the County. This information will be provided in OpenRoads Designer or other applicable County/County's Design Consultant CADD system. The electronic file will be uploaded to Project Wise. A hard copy is required and must be sealed and dated by the Utility Coordinator. When requested by the County or its Designated Representative, the designated utility information must be over laid on the County design plans.

4.1.5. Determine and inform the County of the approximate utility depths at critical locations as determined by the County or its Designated Representative. This depth indication is understood by both the Utility Coordinator and the County and its Designated Representative to be approximate only.

4.1.6. Clearly identify all utilities that were discovered from quality levels C and D investigation but cannot be depicted in quality level B standards. These utilities must have a unique line style and symbology in the designate (Quality Level B) deliverable.

4.2. Subsurface Utility Locate Service (Quality Level A) up to 20 Test Holes. Locate means to obtain precise horizontal and vertical position, material type, condition, size and other data that may be obtainable about the utility facility and its surrounding environment through exposure by nondestructive excavation techniques that ensures the integrity of the utility facility. All test holes will be tied to project survey control provided by the County or its Designated Representative.

Subsurface Utility Locate (Test Hole) Services (Quality Level A) are inclusive of Quality Levels B, C, and D. The Utility Coordinator shall:

4.2.1. Review requested test hole locations and advise the County and/or its Designated Representative in the development of an appropriate locate (test hole) work plan relative to the existing utility infrastructure and proposed highway design elements.

4.2.2. Coordinate with utility owner inspectors as may be required by law or utility owner policy

4.2.3. Neatly cut and remove existing pavement material, such that the cut not exceed 1 square foot unless unusual circumstances exist.

4.2.4. Measure and record the following data, as required, on an appropriately formatted test hole data sheet and upload to design project folder in ProjectWise.

4.2.4.1. Elevation of top and/or bottom of utility tied to the datum of the furnished plan.

4.2.4.2. Identify a minimum of two benchmarks utilized. Elevations shall be within an accuracy of 0.05 feet of utilized benchmarks.

4.2.4.3. Elevation of existing grade over utility at test hole location.

4.2.4.4. Horizontal location referenced to project coordinate datum.

4.2.4.5. Outside diameter of pipe or width of duct banks and configuration of non-encased multi-conduit systems.

4.2.4.6. Utility facility material(s).

4.2.4.7. Utility facility condition.

4.2.4.8. Pavement thickness and type

4.2.4.9. Coating/Wrapping information and condition.

4.2.4.10. Unusual circumstances or field conditions.

4.2.4.11. Excavate test holes in such a manner as to prevent any damage to wrappings, coatings, cathodic protection or other protective coverings and features.

4.2.5. Be responsible for any damage to the utility during the locating process. In the event of damage, the Utility Coordinator shall stop work, notify the appropriate utility facility owner, the County, Designated Representative and appropriate regulatory agencies. The regulatory agencies include but are not limited to the Texas Railroad Commission and the Texas Commission on Environmental Quality. The Utility Coordinator will not resume work until the utility facility owner has determined the corrective action to be taken. The Utility Coordinator shall be liable for all costs involved in the repair or replacement of the utility facility.

4.2.6. Backfill all excavations with appropriate material, compact backfill by mechanical means and restore pavement and surface material. The Utility Coordinator shall be responsible for the integrity of the backfill and surface restoration for a period of three (3) years.

4.2.7. Provide complete restoration of work site and landscape to equal or better condition than before excavation. If a work site and landscape is not appropriately restored, the Utility Coordinator shall return to correct the condition at no extra charge to the County.

4.2.8. Plot utility location position information to scale and provide an updated Utility Layout. This information will be provided in PDF, OpenRoads Designer or other CADD System format used by the County.

Cobb, Fendley Associates, Inc.
Utility Coordination Engineering

ATTACHMENT D
FEE SCHEDULE

Work Authorization No. 6
Supplemental Work Authorization No. 5
Williamson County Road Bridge
CR 201

Utility Coordination & Engineering Services

Description of Work Task	Senior Project Manager	Senior Engineer	Project Engineer III	Project Engineer II	Project Engineer I	Senior Utility Specialist	Utility Specialist	Senior Technician	Technician III	Technician II	Technician I	Right-of-Way Project Manager	Right-of-Way Agent	Registered Professional Land Surveyor	2-Person Field Services Crew	1-Person Field Services Crew	Two-Man Designating Crew (4 hr min)	One-Man Designating Crew (4 hr min)	Vacuum Ex Truck w/ 2 Techs (Vac 3000 & 4000) (4 hr min)	Vacuum Ex Truck w/ 2 Techs (Vac 6000) (4 hr min)	Ground Penetrating Radar w/ 1 Tech (4 hr min)	Administrative	Clerical	Total Hours	Total Cost
	$235.00	$195.00	$170.00	$150.00	$125.00	$155.00	$125.00	$145.00	$125.00	$115.00	$95.00	$235.00	$140.00	$170.00	$145.00	$120.00	$170.00	$110.00	$295.00	$315.00	$260.00	$105.00	$80.00		
PROJECT MANAGEMENT AND COORDINATION	11	16	16	0	0	0	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	4	**71**	$ 11,905.00
UTILITY ADJUSTMENT COORDINATION	12	16	16	0	8	16	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	6	**98**	$ 15,780.00
SUBSURFACE UTILITY ENGINEERING (SUE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	16	0	0	0	0	0	0	**24**	$ 3,680.00
UTILITY ENGINEERING	4	16	16	1	8	16	15	15	16	1	1	0	0	0	0	0	0	0	0	0	0	0	8	**117**	$ 17,310.00
Total Hours	**27**	**48**	**48**	**1**	**16**	**32**	**31**	**31**	**32**	**1**	**1**	**0**	**0**	**0**	**0**	**8**	**16**	**0**	**0**	**0**	**0**	**0**	**18**	**310**	
Cost	$6,345	$9,360	$8,160	$150	$2,000	$4,960	$3,875	$4,495	$4,000	$115	$95	$0	$0	$0	$0	$960	$2,720	$0	$0	$0	$0	$0	$1,440		**$ 48,675.00**

Other Direct Expenses

			CobbFendley	
Description	**Unit Cost**	**Units**	**Quantity**	**Total**
In-House Reproduction:				
Copies (up to 11"x17")	$ 0.15	each	0	$0.00
Color Prints (up to 11"x17")	$ 1.50	each	0	$0.00
Color Prints (Larger than 11"x17")	$ 3.00	sq. ft.	1	$3.00
Standard Postage	$ 0.50	each	0	$0.00
Express Mail (billed at cost - estimated cost shown)	$ 25.50	each	0	$0.00
Local Deliveries (billed at cost - estimated cost shown)	$ 25.00	each	0	$0.00
Mileage (billed at IRS approved rate - estimated cost shown)	$ 0.670	mile	0	$0.00
Designation & Traffic Control Vehicle	$ 3.50	mile	0	$0.00
Location Vehicle (Vac Truck)	$ 6.50	mile	0	$0.00
Traffic Control (Lane Closures, etc.) (billed at cost - estimated cost shown)	$ 1,500.00	each	0	$0.00
Permits (Local, State, etc.) (billed at cost - estimated cost shown)	$ 350.00	each	0	$0.00
				$3.00

Work Authorization Total **$ 48,678.00**