

**CONTRACT AMENDMENT NO. 1**  
**TO**  
**WILLIAMSON COUNTY CONTRACT FOR**  
**ENGINEERING SERVICES**

**WILLIAMSON COUNTY ROAD BOND PROJECT: 24RFSQ11 Engineering Services  
Ronald Reagan Segment D2 (“Project”)**

THIS CONTRACT AMENDMENT NO. 1 to Williamson County Contract for Engineering Services is by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and American Structurepoint, Inc. (the "Engineer") and becomes effective as of the date of the last party's execution below.

WHEREAS, the County and the Engineer executed the Williamson County Contract for Engineering Services dated effective March 19, 2024 (the “Contract”);

WHEREAS, pursuant to Article 14 of the Contract, the terms of the Contract may be modified by a written fully executed Contract Amendment;

WHEREAS, the “Compensation Cap” under Article 5 of the Contract limits the maximum amount payable under the Contract to \$1,600,000.00; and,

WHEREAS, the Rate Schedule in Exhibit D of the Contract are limited to the rates noted in said Exhibit D; and,

WHEREAS, it has become necessary to amend the Contract.

**AGREEMENT**

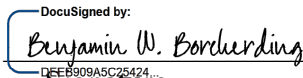
NOW, THEREFORE, premises considered, the County and the Engineer agree that the Contract is amended as follows:

- I. The Compensation Cap under Article 5 of the Contract is hereby increased from \$ 1,600,000.00 to \$2,800,000.00, reflecting a total increase of \$1,200,000.00.
- II. The hourly Rates in the original Exhibit D of the Contract are hereby amended as shown in the attached revised Exhibit D (must be attached).
- III. The limits of the roadway in the original Exhibit B of the Contract are hereby amended to extend east of Sun City Boulevard to 0.4 miles west of SH 195.

All other terms of the Contract are unchanged and will remain in full force and effect.

IN WITNESS WHEREOF, the County and the Engineer have executed this Contract Amendment, to be effective as of the date of the last party’s execution below.

ENGINEER:

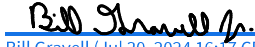
By:   
Signature

Benjamin W. Borcharding  
Printed Name

Chief operating officer  
Title

6/28/2024  
Date

COUNTY:

By:   
Signature

Bill Gravell  
Printed Name

County Judge  
Title

Jul 30, 2024  
Date

## **EXHIBIT D**

### **RATE SCHEDULE**

CPI Rate Adjustments: Rates shall remain firm for the initial first year of the Contract and such rates shall be deemed the “Initial Base Rates.” Engineer may request rate adjustments, in writing, at least thirty (30) days prior to each annual anniversary date of the Contract. Upon County’s receipt of a rate adjustment request, County will prepare a Contract Amendment setting forth the CPI rate adjustments and will provide such Contract Amendment to Engineer for its execution. Rate adjustments will take effect on the later of (1) one year after the Contract execution date or (2) the first (1<sup>st</sup>) day following the parties’ complete execution of a Contract Amendment. Such rates shall remain in effect until the later of (1) the next annual anniversary date of the Contract; or (2) the date of the parties’ complete execution of a new Contract Amendment that set forth adjustments to the prior rates. Any new rate adjustments will not become effective until a Contract Amendment is fully executed by the parties and no retroactive rate adjustments will be allowed.

Price adjustments will be made in accordance with changes in the U.S. Department of Labor Consumer Price Index (CPI-U) for All Urban Consumers, All Items, South Region (Base 1982-84 = 100).

The rate adjustment will be determined by multiplying the Initial Base Rates by a fraction, the numerator of which is the index number for most recently released index and the denominator of which is the index number for the first month of the Contract (the index number for the month in which the Agreement was originally executed). If the products are greater than the Initial Base Rates, County will pay the greater amounts as the rates during the successive year until the next rate adjustment. Rates for each successive year will never be less than the Initial Base Rates.

American Structurepoint Ronald Reagan Segment D2	
	RATE SCHEDULE IN PSA EXHIBIT D (per hour)
Senior Project Manager	\$ 315.00
Sr. QC Reviewer	\$ 305.00
Senior Project Engineer	\$ 260.00
Project Engineer	\$ 200.00
Design Engineer	\$ 155.00
EIT	\$ 135.00
Senior Technician	\$ 190.00
Technician	\$ 130.00
Sr. Structural Engineer	\$ 290.00
Structural Engineer	\$ 250.00
Sr. Drainage Engineer	\$ 305.00
Draiage Engineer	\$ 200.00
Sr. Traffic Engineer	\$ 290.00
Traffic Engineer	\$ 190.00

SWCA Environmental Consultants Ronald Reagan Segment D2	
	RATE SCHEDULE IN PSA EXHIBIT D (per hour)
Subject Matter Expert IV	\$ 293.00
Subject Matter Expert III	\$ 268.00
Subject Matter Expert II	\$ 242.00
Subject Matter Expert I	\$ 230.00
Specialist XII	\$ 226.00
Specialist XI	\$ 207.00
Specialist X	\$ 189.00
Specialist IX	\$ 169.00
Specialist VIII	\$ 158.00
Specialist VII	\$ 147.00
Specialist VI	\$ 137.00
Specialist V	\$ 123.00
Specialist IV	\$ 114.00
Specialist III	\$ 104.00
Specialist II	\$ 91.00
Specialist I	\$ 77.00

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SAM		
Ronald Reagan Segment D2		
	RATE SCHEDULE IN PSA EXHIBIT D (per hour)	
SURVEY OFFICE PERSONNEL RATES:		
Principal/Department Manager	300.00	
Senior Project Manager	250.00	
Project Manager	205.00	
Staff Surveyor	190.00	
Phase Manager	170.00	
Project Coordinator	150.00	
Senior Survey Technician	135.00	
Survey Technician	120.00	
Project Specialist	125.00	
Administration / Clerical Support	105.00	
SURVEY FIELD CREW RATES:		
One (1) Person Survey Field Crew	135.00	
Two (2) Person Survey Field Crew	185.00	
Three (3) Person Survey Field Crew	260.00	
Field Coordinator	140.00	
Field Ops Manager	195.00	
Additional Rodperson, Chainperson or Flagperson	80.00	
GEOSPATIAL OFFICE PERSONNEL RATES:		
Director/Operations Manager	360.00	
Senior Project Manager	275.00	
Acquisition Manager	240.00	
Project Manager	210.00	
Aircraft Pilot	205.00	
Two (2) Person UAS Crew – Unmanned Pilot & Observer	235.00	
Three (3) Person UAS Crew – Unmanned Pilot & 2 Observers	365.00	
Photogrammetrist / Project Lead /sensor operator (Tech3)	135.00	
Acquisition / Calibration / Aerial Triangulation Technician (Tech2)	120.00	
LiDAR / Photogrammetry Technician (Tech1)	105.00	
SURVEY EQUIPMENT RATES:		
GPS Receiver	10.00	
ATV	25.00	
SX-10	35.00	
Digital Level	5.00	
Aluminum Boat	15.00	
VM810 Survey	5.75	
RD8100 Survey	11.25	
SPAR 300 Kit	5.00	
Weather Station	6.00	
Tier 1 HDS Scanner (BLK360 & Faro)	33.00	
Robotic Total Station S-7	20.00	
Robotic Total Station S-9	20.00	
GEOSPATIAL EQUIPMENT RATES:		
Riegl VQ 1560I or 1560II LiDAR System	1300.00	hr
Riegl VQ 480II or 780I LiDAR System	10000.00	hr
Mobile Mapping System, includes 360° Camera System (Equipment Only)	1000.00	hr
Mobile Mapping Equipment Stand-by Fee (Equipment Only)	200.00	hr
HDS Laser Scanner	100.00	hr
High Rail Equipped Vehicle	10.00	hr
Oblique HD Camera System	30.00	hr
Video Camera System – Manned Aircraft	5.00	hr
360° Camera System – Terrestrial or Marine Stand Alone	100.00	hr
Helicopter (Turbine Engine Powered)	1450.00	hr
Helicopter (Reciprocal Engine Powered)	850.00	hr
Fixed Wing Twin Engine piston	1300.00	hr
Fixed Wing Single Engine (piston)	750.00	hr

Fixed wing single engine turbine	1400.00	hr
M600 or equivalent multirotor Unmanned Aerial System	750.00	hr
GPS Receiver (Unmanned)	10.00	hr
Geospatial Work Station	15.00	hr
Digital Imagery Processing	32.00	ea
Aerial Photography Flight Crew (Fixed Wing Aircraft)	205.00	hr
LiDAR Flight Crew Fixed Wing Aircraft (Includes Pilot and LiDAR Operator)	120.00	hr
Helicopter Flight Crew (Includes Pilot and LiDAR Operator)	325.00	hr
AP Transit Miles	12.00	mile
AP Project Flight Miles	32.00	mile
AP ABGPS Processing	3000.00	project
FWAL Transit Miles	12.00	mile
FWAL Project Flight Miles	32.00	mile
B&W Processing (film, development, scanning)	10.00	ea
CIR Processing (film, development, scanning)	10.00	ea
Color Processing (Film, development, scanning)	15.00	ea
Digital Image Processing	27.00	ea
DIRECT EXPENSES		
Primary Control Monuments	90.00	ea
Ground Target	20.00	ea

GARVER, LLC Ronald Reagan D2	
	RATE SCHEDULE IN PSA EXHIBIT D (per hour)
Sr. Project Manager	\$ 333.00
Project Manager	\$ 283.00
Sr. QC Reviewer	\$ 279.00
Senior Project Engineer	\$ 317.00
Project Engineer	\$ 257.00
Civil Engineer	\$ 212.00
Design Engineer	\$ 181.00
Senior EIT	\$ 150.00
EIT	\$ 136.00
Senior GIS Technician	\$ 188.00
Sr Engineer Technician	\$ 188.00
Sr. CADD Operator	\$ 145.00
CADD Operator	\$ 119.00
Senior Env Project Manager	\$ 331.00
Senior Env Planner	\$ 258.00
Senior Env Scientist	\$ 258.00
Env Scientist	\$ 175.00
Admin/Clerical	\$ 100.00
Sr. Structural Engineer	\$ 317.00
Structural Engineer	\$ 257.00
Sr. Drainage Engineer	\$ 317.00
Sr. Traffic Engineer	\$ 317.00
Traffic Engineer	\$ 257.00



Hardesty & Hanover, LLC (H&H) Ronald Reagan Segment D2	
LABOR CATEGORY	RATE SCHEDULE IN PSA EXHIBIT D (per hour)
Project Principal	\$ 335.00
Senior Technical Advisor	\$ 300.00
Sr Project Manager	\$ 260.00
Sr Structural QA/QC Manager	\$ 255.00
Sr Structural Engineer	\$ 250.00
Sr Drainage Engineer	\$ 245.00
Sr Roadway Engineer	\$ 245.00
Project Manager	\$ 200.00
Structural Engineer	\$ 165.00
Project Engineer	\$ 140.00
Design Engineer	\$ 135.00
Structural Designer (EIT)	\$ 125.00
EIT	\$ 110.00
Sr Engineer Technician	\$ 150.00
Senior CAD Technician	\$ 105.00
CAD Technician	\$ 95.00
Admin/Clerical	\$ 90.00

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RABA KISTNER Ronald Reagan Segment D2	
Position	Rate (\$/hr)
Project Manager	\$ 204.10
Sr. QC Reviewer	\$ 255.00
Senior Project Engineer	\$ 233.58
Project Engineer	\$ 159.12
Design Engineer	\$ 182.03
EIT	\$ 146.07
Geotechnical Logger	\$ 119.02
Senior Geotech Technician	\$ 91.80
Geotech Technician	\$ 77.22
Geotech Laboratory Technician	\$ 82.74
Geologist	\$ 154.02
Senior GIS Technician	\$ 110.16
CADD Technician	\$ 104.81
Administrative Coordinator	\$ 71.40
DIRECT EXPENSES	
FIELD OPERATIONS	
Mobilization of drill rig	\$ 600.00 each
Logger Truck	\$ 68.01 per day
3 in. Thin wall Shelby Tube sampling	\$ 24.40 per ft
Hollow Stem Drilling	\$ 30.89 per ft
NX Rock Coring (shale)	\$ 40.31 per ft
NX Rock Coring (limestone)	\$ 53.04 per ft
Standard Penetration Testing (SPT)	\$ 29.92 per test
TCP with intermittent sampling	\$ 32.88 per test
Bentonite Backfill	\$ 7.00 per ft
Standard Pavement Coring	\$ 93.05 each
Concrete/AC patch	\$ 79.38 each
Standby (setup time and cleanup)	\$ 284.29 per hr
LABORATORY TESTING	
Atterberg Limits	\$ 125.84 each
Moisture Content	\$ 16.65 each
Sieve Analysis (passing No. 200)	\$ 70.75 each
Sieve Analysis (passing No. 4, 40, 200)	\$ 120.04 each
Sulfate Testing	\$ 125.12 each
Unconfined Compression (Soil)	\$ 60.06 each
Unconfined Compression (Rock)	\$ 75.46 each
Direct Shear	\$ 650.18 each
Consolidated Undrained (CU) Triaxial Comp Test	\$ 1,925 each
Lime Series (Tex-121-E Part III)	\$ 452.33 each
Moisture Density Relationship (TEX-114-E)	\$ 350.45 each
California Bearing Ratio (ASTM D 1833) includes moisture-density relationship test and 3 test specimens	\$1011.05 each
Each additional specimen	\$220.20 each
Texas Triaxial Compression (TEX-117-E)	\$ 2,200 each

<b>Doucet and Associates</b> <b>Ronald Reagan Segment D2</b>	
	<b>RATE SCHEDULE</b> <b>IN PSA</b> <b>EXHIBIT D</b> <b>(per hour)</b>
Principal Engineer (PE)	\$ 295.00
Senior Project Manager	\$ 275.00
Project Manager	\$ 230.00
Senior Project Engineer (PE)	\$ 215.00
Project Engineer III	\$ 195.00
Project Engineer II	\$ 185.00
Project Engineer I	\$ 170.00
Engineer Associate III	\$ 160.00
Engineer Associate II	\$ 150.00
Engineer Associate I	\$ 135.00
Sr. Construction Manager	\$ 180.00
Sr. Construction Inspector	\$ 170.00
Construction Manager	\$ 125.00
Construction Inspector	\$ 115.00
Sr. Civil Technician	\$ 165.00
Civil Technician	\$ 145.00
Assistant Civil Technician	\$ 130.00
Senior Planner (AICP)	\$ 210.00
Project Planner	\$ 160.00
Project Technical Lead	\$ 165.00
Staff Planner	\$ 140.00
Planning Technician	\$ 120.00
Project Coordinator	\$ 135.00
Sr. Operations Assistant	\$ 120.00
Engineering Intern	\$ 90.00
Operations Assistant	\$ 85.00
Principal Surveyor (RPLS)	\$ 290.00
Project Manager (RPLS)	\$ 245.00
Project Surveyor	\$ 165.00
Survey Specialist	\$ 150.00
Survey Technician	\$ 125.00
GIS Specialist	\$ 155.00
GIS Technician	\$ 125.00
LiDAR Specialist	\$ 150.00
LiDAR Technician	\$ 120.00
Aerial Mapping Specialist	\$ 150.00
Aerial Mapping Technician	\$ 120.00
Utility Specialist	\$ 145.00

Utility Technician	\$ 115.00
Field Coordinator	\$ 165.00
Field Specialist	\$ 130.00
Crew of 1	\$ 130.00
Crew of 2	\$ 170.00
Crew of 3	\$ 230.00
Environmental Project Manager	\$ 200.00
Environmental Specialist	\$ 145.00
Environmental Technician	\$ 120.00
Project Archaeologist	\$ 165.00
<b>DIRECT EXPENSES</b>	
LiDAR Scanner	\$120.00
Drone	\$675.00
Ground Targets	\$35/ea.
Concrete Monuments	\$290/ea.
ATV/Boat	\$185/day
Hydrographic Sonar Equipment	\$500/day