

## **WORK AUTHORIZATION NO. 1**

### **PROJECT: On-Call Traffic Engineering Services**

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated **March 19, 2024** and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and **HDR 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 **\$50,000.00.**

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, 2026.** 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 \_\_\_\_\_

ENGINEER:

HDR Engineering, Inc.

By:   
Signature

Justin A. Word  
Printed Name

Vice President  
Title

COUNTY:

Williamson County, Texas

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

Bill Gravell, Jr.  
Printed Name

Williamson 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 will provide a Project Manager and will provide timely reviews and decisions necessary to enable the Engineer to maintain an agreed upon project schedule.

## **Attachment B - Services to be Provided by Engineer**

Services will be addressed as requested by Williamson County on a time and materials basis.

### **Attachment C - Work Schedule**

HDR Engineering, Inc. will provide a work schedule for the assigned tasks.

## **Attachment D - Fee Schedule**

Please see next page.

## RATE SCHEDULE

### HDR Engineering, Inc.

	Hourly Rates
Principal-in-Charge	\$ 398.00
Project Manager	\$ 341.00
Sr. QC Reviewer	\$ 342.00
Senior Project Engineer	\$ 273.00
Project Engineer	\$ 181.00
Design Engineer	\$ 160.00
Sr. Traffic Engineer	\$ 295.00
Traffic Engineer II	\$ 223.00
Traffic Engineer I	\$ 169.00
Traffic EIT (Senior)	\$ 140.00
Traffic EIT/Coordinator	\$ 131.00
Senior CADD Technician	\$ 190.00
CADD Technician	\$ 130.00
GIS Technician	\$ 107.00
Junior GIS Technician	\$ 119.00
Senior GIS Technician	\$ 148.00
Sr Engineer Technician	\$ 160.00
CADD Operator	\$ 107.00
CADD Operator - Junior	\$ 80.00
Senior Env Project Manager	\$ 311.00
Senior Env Planner	\$ 266.00
Env Planner IV	\$ 163.00
Env Planner III	\$ 138.00
Env Planner I/II	\$ 121.00
Senior Env Scientist	\$ 200.00
Env Scientist	\$ 144.00
	\$
Admin/Clerical	\$ 98.00



Sr. Structural Engineer	\$ 300.00
Structural Engineer II	\$ 269.00
Structural Engineer I	\$ 211.00
	\$ -
Sr. Drainage Engineer	\$ 247.00
	\$ -
<b>DIRECT EXPENSES</b>	
Outsourced Printing	Cost
Mileage (per mile)	Current Federal Rate
Parking Fees	Actual Cost
Highway Toll Charges	Actual Cost
Postage	Current Postal Rate
Overnight Mail- letter size	Current Postal Rate
Overnight Mail – oversized box	Current Postal Rate
Courrier Services	Actual Cost

**GRAM Traffic Counting, Inc.**

(attached following this page)

**McGray & McGray Land Surveyors, Inc.**

(attached following GRAM's)



## GRAM Traffic Counting, Inc. Rate Sheet - 2024

Video Counts (Per Camera)	Unit	Cost
(Standard TMC Classifications Include: Vehicles, Heavy Vehicles & Pedestrians)		
Peak Period Turning Movement Counts (Up to 3-Hr Peaks - AM, Middday, PM)	Hourly	\$ 85.00
12-Hour Turning Movement Count	12 Hours	\$ 800.00
12-Hour Turning Movement Count - Additional Period at the Same Location	12 Hours	\$ 600.00
24-Hour Turning Movement Count	24 Hours	\$ 1,000.00
24-Hour Turning Movement Count - Additional 24 Hours at the Same Location	24 Hours	\$ 800.00
Volume Counts (Bi-Directional or Uni-Directional)	24 Hours	\$ 650.00
Volume Counts - Additional 24 Hours at the Same Location	24 Hours	\$ 600.00
Classification Counts (FHWA 13-Bin)	24 Hours	\$ 800.00
Classification Counts - Additional 24 Hours at the Same Location	24 Hours	\$ 750.00
Main Lane Volume Counts - Per Counter	24 Hours	\$ 750.00
Main Lane Volume Counts - Additional 24 Hours at the Same Location	24 Hours	\$ 700.00
Main Lane Classification Counts (FHWA 13-Bin) - Per Counter	24 Hours	\$ 850.00
Main Lane Classification Counts - Additional 24 Hours at the Same Location	24 Hours	\$ 800.00
Automated Tubes Counts	Unit	Cost
Volume Counts (Bi-Directional or Uni-Directional)	24 Hours	\$ 200.00
Volume Counts - Additional 24 Hours at the Same Location	24 Hours	\$ 175.00
Classification Counts (FHWA 13-Bin)	24 Hours	\$ 250.00
Classification Counts - Additional 24 Hours at the Same Location	24 Hours	\$ 200.00
Speed Counts	24 Hours	\$ 250.00
Speed Counts - Additional 24 Hours at the Same Location	24 Hours	\$ 200.00
Gap Counts	24 Hours	\$ 250.00
Gap Counts - Additional 24 Hours at the Same Location	24 Hours	\$ 200.00
Radar Unit Counts	Unit	Cost
Volume Counts (Bi-Directional or Uni-Directional) - Per Counter	24 Hours	\$ 250.00
Volume Counts - Additional 24 Hours at the Same Location	24 Hours	\$ 200.00
Classification Counts (Basic - Small, Medium, Large by Length) - Per Counter	24 Hours	\$ 300.00
Classification Counts - Additional 24 Hours at the Same Location	24 Hours	\$ 250.00
Speed Counts - Per Counter	24 Hours	\$ 300.00
Speed Counts - Additional 24 Hours at the Same Location	24 Hours	\$ 250.00
Main Lane Volume Counts - Per Counter	24 Hours	\$ 350.00
Main Lane Volume Counts - Additional 24 Hours at the Same Location	24 Hours	\$ 300.00
Main Lane Volume Counts - (By Lane) - Per Counter	24 Hours	\$ 400.00
Main Lane Classification Counts (Basic - Small, Medium, Large by Length) - Per Counter	24 Hours	\$ 400.00
Main Lane Classification Counts - Additional 24 Hours at the Same Location	24 Hours	\$ 350.00
Main Lane Classification Counts (By Lane) - Per Counter	24 Hours	\$ 450.00
Main Lane Speed Counts - Per Counter	24 Hours	\$ 400.00
Main Lane Speed Counts - Additional 24 Hours at the Same Location	24 Hours	\$ 350.00
Main Lane Speed Counts (By Lane) - Per Counter	24 Hours	\$ 450.00
Additional Counts	Unit	Cost
Ball Bank Studies	Per Curve Direction	\$ 100.00
Radar Studies (2 hours or 125 Vehicles)	Per Direction	\$ 200.00
Travel Time Runs (Mileage NOT Included) - Per Route	Hourly	\$ 100.00
License Plate Capture - Per Camera	Hourly	\$ 400.00
Parking Lot Study	Hourly	\$ 100.00
Project Manager Time	Hourly	\$ 50.00
Field Technician Time (Photo Documentation, Sight Distance, Etc.)	Hourly	\$ 35.00

Plus Mileage Rate - Current IRS Rate  
Contract or City-Specific Rates Must Be Provided or Specifically Requested

# McGRAY & McGRAY LAND SURVEYORS, INC.

3301 Hancock Drive, Suite 6  
Austin, Texas 78731  
Office 512/451-8591 Fax 512/451-8791  
Email mcgray@mcgray.com

## **SURVEYOR RATE SCHEDULE 2024 PROFESSIONAL SURVEYING SERVICES Williamson County Road & Bridge Contract**

Field crew rates include all equipment and overhead necessary to perform any survey related task. Office rates include all equipment and overhead necessary to do drafting, office computations, and other related office tasks. Fees and charges include complete insurance coverage, taxes, and benefits.

<b>SERVICE</b>	<b>RATE</b>
<b><u>Conventional Field Crew Services:</u></b>	
1 man reconnaissance or data gathering	\$ 140.00 per hour
2 man survey crew, with vehicle and data collection	\$ 190.00 per hour
3 man survey crew, with vehicle and data collection	\$ 225.00 per hour
Fixed Wing Flight crew (Includes pilot and Sensor Operator)	\$ 225.00 per hour
Helicopter Flight crew (Includes pilot and Sensor Operator)	\$ 225.00 per hour
<i>There is a minimum charge of 4 hours for above field crew services (unless otherwise agreed).</i>	
<b><u>Office/Professional/Technical Services:</u></b>	
Project Manager	\$ 201.50 per hour
GIS Technician - Senior	\$ 107.17 per hour
GIS Technician	\$ 87.32 per hour
Abstractor	\$ 85.97 per hour
Surveyor (RPLS) Senior	\$ 188.06 per hour
Surveyor (RPLS)	\$ 166.57 per hour
Survey Technician (Surveyor-In-Training) - SIT	\$ 115.53 per hour
Survey Technician	\$ 95.38 per hour
Certified Photogrammetrist	\$ 107.47 per hour
Aerial Mapping Technician	\$ 94.03 per hour
Aerial Office Technician	\$ 90.00 per hour
Aerial Processing Technician	\$ 91.35 per hour
LiDAR Task Lead	\$ 107.47 per hour
LiDAR Mapping Technician (Aerial)	\$ 96.72 per hour
LiDAR Office Technician (Aerial)	\$ 96.72 per hour
LiDAR Processing Technician (Helicopter, Fixed Wing, Mobile, UAS, Terrestrial)	\$ 96.72 per hour
Mapping Editor (includes QA/QC, Finishing & Finalization)	\$ 102.09 per hour
Orthophoto Specialist	\$ 91.35 per hour
Survey Field Crew Coordinator	\$ 91.35 per hour
Project Coordinator – Acquisition (Helicopter, Fixed Wing, Mobile, UAS, Terrestrial)	\$ 107.47 per hour
Project Coordinator - (Helicopter, Fixed Wing, Mobile, UAS, Terrestrial)	\$ 107.47 per hour
Administrative/ Clerical	\$ 85.97 per hour

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Office 512/451-8591 Fax 512/451-8791  
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## **SURVEYOR RATE SCHEDULE 2024 PROFESSIONAL SURVEYING SERVICES Williamson County Road & Bridge Contract**

### Specialized Equipment:

ATV (All-Terrain Vehicle)	\$ 85.00 per day
Additional Survey Vehicle	\$ 100.00 per day
LiDAR Terrestrial Scanner	\$ 100.00 per hour
UAV (Drone) Aerial Mapper	\$ 5,000.00 per day
Mobile Mapper	\$ 9,000.00 per day

*Unusual equipment or additional service providers will be charged at cost.*

### Direct Expenses:

Hotel and Meals will be billed per Exhibit E of the master contract.

Judith J. McGray  
Chris I. Conrad  
Ashley D. Conrad

RPLS, #2093  
RPLS, #5623  
RPLS, #7012

Joe D. Webber, Jr.  
Kevin Simpson-Schroeder  
Troy Thomas  
Jason Johnson

RPLS, #4552  
RPLS, #5306  
RPLS, #6130  
RPLS, #7016