1508 Industrial Blvd
Suite 204
McKinney, TX 75069

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April 10, 2026

Kenneth Carley, A.A.E.
McKinney National Airport (TKI)
1508 Industrial Blvd
McKinney, TX 75069

Re: McKinney National Airport (TKI)
Runway 18 Extension (500-Foot) – Enloe Road Reconstruction
Professional Services Proposal

Dear Mr. Carley,

Garver is pleased to submit this proposal to provide professional services relating to the improvements listed in "Exhibit A - Scope of Services" for the referenced project.

COMPENSATION

For the Enloe Road Reconstruction addition to the Runway 18 Extension (500-Foot) project, the not-to-exceed fee of **$407,200.00** is based upon the scope of services provided in Exhibit A. A detailed breakdown of the proposed fee for the engineering services is included in Exhibit B. The Garver Hourly Rate schedule can be found within Exhibit C.

Segment 1

Title I Service	Estimated Fees
Preliminary Design - 60% Plans	$ 43,700.00
Final Design - 100% Plans	$ 19,300.00
Subtotal for Title I Service	**$ 63,000.00**

Title II Service	Estimated Fees
Surveys (White Hawk Engineering)	$ 43,200.00
GeoTech - Terracon	$ 14,500.00
Subtotal for Title II Service	**$ 57,700.00**

Segment 2

Title I Service	Estimated Fees
Preliminary Design - 60% Plans	$ 50,100.00
Final Design - 100% Plans	$ 28,100.00
Subtotal for Title I Service	**$ 78,200.00**

Title II Service	Estimated Fees
Surveys (White Hawk Engineering)	$ 40,200.00
GeoTech - Terracon	$ 17,500.00
Subtotal for Title II Service	**$ 57,700.00**

Segment 3

Title I Service	Estimated Fees
Preliminary Design - 60% Plans	$ 42,100.00
Final Design - 100% Plans	$ 27,000.00
Subtotal for Title I Service	**$ 69,100.00**

Title II Service	Estimated Fees
Surveys (White Hawk Engineering)	$ 43,200.00
GeoTech - Terracon	$ 17,500.00
Subtotal for Title II Service	**$ 60,700.00**

Construction Services

Title II Service	Estimated Fees
Construction Administration	$ 20,800.00
Subtotal for Title II Service	**$ 20,800.00**

Total All Services	**$ 407,200.00**

Garver is pleased to have this opportunity to submit this proposal, and we look forward to working with you on this project. If you have any questions or would like any additional information, please feel free to call me at 214-619-9048.

Sincerely,
GARVER

Sara Andrews, PE
Senior Project Manager

Attachments: Exhibit A – Scope of Services
Exhibit B – Garver Fee Spreadsheet
Exhibit C – Garver Hourly Rate Schedule

EXHIBIT A – SCOPE OF WORK
City of McKinney
Garver Project No. 2401453
Enloe Road Reconstruction

Under this Work Order, the Owner (also referred to as the "City") intends to make the following improvements for the **Enloe Road Reconstruction** outlined in **Attachment A.**

The project involves improvements for the reconstruction of Enloe Road outlined in the attached exhibit. The new pavement section will be an asphaltic concrete roadway consistent with the recommended pavement design section. The project includes preliminary/final roadway design, Topographical Survey, and Geotechnical Studies.

Anticipated improvements include:

- Proposed roadway reconstruction.
- Proposed pavement markings.

SECTION 1 - SCOPE OF SERVICES

Task 1.0 Project Management

1.1 Kick-Off Meeting and Site Visit

GARVER will hold a kick-off meeting with the Owner to discuss project scope, introduce teams, establish lines of communication, and present the project schedule. At that time, up to two (2) Garver members will attend in person.
Garver will perform up to three (2) project site visits, one (1) at project kickoff to document the existing site conditions and one (1) after 60% Plans submittal.

1.2 Invoices

GARVER will prepare and provide monthly invoices and project updates.

1.3 Project Management and Quality Control/Assurance Plan

GARVER will develop a Project Management Plan (PMP) for internal use. This will include the development of a detailed schedule to communicate key deadlines to the design teams. GARVER will also develop a Quality Control/Assurance Plan and perform internal Quality Assurance/Quality Control (QA/QC) reviews of all major deliverables.

1.4 Summary of Deliverables

1. Consistent contact and communication with the City of McKinney.

1.5 Summary of Meetings

1. Kick-off meeting with up to two (2) Garver Staff - In Person
2. 60% Plans Review Meeting – with two (2) Garver Staff – In Person
3. Final Plans Review Meeting - with two (2) Garver Staff – TEAMS Virtual

Task 2.0 Survey

GARVER will subcontract with a land surveying consultant to provide field survey and boundary survey.

2.1 Survey Services

The survey will include the following:

1. Establish project control using Global Positioning System (GPS) methodology. Horizontal values will be based on the Texas State Plane Coordinate System, North American Datum of 1983, North Central Zone (4202). Elevations will be referenced to NAVD88 and computed using GEOID18.
2. Survey control will be set at each end of the project and at 500' intervals and outside proposed project limits where possible to and tied to City benchmarks.
3. Survey control or ROW monuments other than iron rods or "x" cuts in existing concrete will be provided as an additional service.
4. Topographic survey of the subject tract as outlined within in this scope to include pavement edges, curb and gutter, driveways, culverts, fences and gates, signs, traffic signals and equipment, tops and toes of slopes, surface locations of utilities and flowline elevations of sanitary and storm sewer manholes where accessible, locations/common names trunk sizes of trees over 6 inches in caliper, and other visible surface features.
5. Spot elevations will be taken at 50' intervals for the subject project area and contours set at 1' intervals.
6. Provide a digital design survey drawing in CAD (.dwg) format prepared to Garver standards showing visible surface features located, an ASCII point file, a Land XML surface, a set of site photos, and a copy of field notes and field sketches.

Task 3.0 Subsurface Utility Engineering Services

GARVER will subcontract with a land surveying/utility consultant to provide subsurface and utility engineering services.

3.1 Utility Engineering Services

The services will include the following:

1. Surveyor will make a reasonable effort to request Texas 811 to completely mark underground utilities within the new topographic survey limits. Garver does not accept responsibility for unresponsiveness by Texas 811 or locating utilities not marked by Texas 811. Garver will notify the town of any non-responsive ticket requests.

Task 4.0 – Geotechnical Services

The geotechnical services will consist of the following items:

1. Provide up to thirty-three (33) geotechnical boring samples (assumes 20 feet deep or at least 5 feet into bed rock) along Enloe Road at 500' intervals as shown on proposed Terracon Boring Plan Exhibit.
   - Segment 1 – Up to four (4)
   - Segment 2 – Up to five (5)
   - Segment 3 – Up to six (6)

2. The borings will be drilled and tested according to TxDOT requirements.
3. Representative soil samples will be obtained by means of the split-barrel samplers in accordance with ASTM specifications D-1587 and D-1586, respectively.
4. Groundwater levels will be measured during drilling and at the completion of each boring.
5. Drilling equipment will be Truck-mounted drill rig.
6. Geotechnical consultant will contact Texas811, the local "one call" service and City of McKinney to confirm that the boring locations are not likely to be in conflict with underground public utilities. Gaver will not be responsible for utility repairs where utilities were not correctly marked by public or private agencies.
7. Upon completion of subsurface exploration drilling, each excavation will be backfilled with the excavated soil and the pavement patched (if within existing paving limits). Some disturbance to off-pavement/gravel covered surface areas may occur. Attempts to minimize such disturbance will be made.
8. Laboratory testing of representative soil samples will be performed to determine physical and engineering properties of the soil. The laboratory testing may include moisture content, Atterberg limits, gradation, unconfined compression tests, soluble sulfate and CUPP Triaxial tests.
9. The results of the field and laboratory data will be evaluated to develop geotechnical recommendations and prepare an engineering report. The report will include the following items:
10. Observations from site reconnaissance including current site conditions, surface drainage features, and surface topographic conditions.
11. A review of the published soil and geologic conditions and their relevance to this planned roadway construction.
12. A subsurface characterization and a description of the field exploration and laboratory tests performed. Groundwater concerns relative to the planned construction, if any, will be summarized.
13. Final logs of the soil borings and records of the field exploration in accordance with the standard practice of geotechnical engineers, and the results of the laboratory tests will be noted on the final boring logs or included on a separate test report sheet.
14. Soil parameters for use in the underground drainage design based on the soil borings.
15. Site Access must be granted by city/airport. If permits are required they will be obtained by the City/Airport. Unless otherwise specified, acceptance of this Scope of Services will authorize access to the property.
16. Traffic Control – It is understood that the Enloe Rod is currently closed to Public Travel, however may see some level of construction traffic associated with current Airport Runway extension project. Therefore, we plan to perform Traffic Control for the low volumes using Signs and Cones.

Task 5.0 Preliminary Design

5.1 Preliminary 60% Design Plans

The Preliminary Design will consist of the following items:

1. Plotted existing topographic features including pavement and utilities on full size plan view only sheets (1"=20' Horizontal).
2. Prepare 60% design Opinion of Probable Construction Cost estimate (OPCC).
3. Provide Horizontal and Vertical control per the City's guidelines.
4. Prepare Existing and Proposed Typical Sections of Enloe Road Improvements.
5. The proposed paving is intended to be as recommended by the Geotechnical Study.
6. Prepare Plan and Profile view elements of proposed Enloe Road.

7. Prepare Cross Sections of the proposed improvements at 50' intervals. (11x17).
8. DRAINAGE - The existing drainage conveys all site runoff from the existing pavement and surrounding areas. For purposes of this contract, a hydrologic/hydraulic analysis will be performed to meet City requirements. The analysis will provide a design that meets or exceeds the existing structures capacity.
9. DRAINAGE - Prepare Plan View elements of any proposed Drainage Improvements.
    a. See Task 7 for drainage design tasks not included in this scope.
10. Where possible identify and inform the City of any known potential conflicts between known existing utilities/structures and the proposed improvements.
11. Prepare Plan view elements of the proposed Erosion Control Plan.
12. Existing Right-of-Way will be established and shown based on located monumentation by the surveyor. Existing easements will be provided based on County Tax Records and available platted information.
13. Attend review meetings after 60% plans to receive comments from the city to be applied to the next submittal of Design Plans.

Task 6.0 Final Design Plans

6.1 Final 100% Design Plans

The Final Design plans will consist of the following items:

1. Incorporate the City's 60% review comments into the Final Design.
2. Develop final quantities and prepare summary sheets showing quantities per plan sheet. Determine the opinion of probably construction cost estimate based on the Final Design.
3. Review the description of each bid item and prepare any new ones necessary, for inclusion into the City's bid manual.
4. Submit on set of Final Construction plans full size, bid proposals, quantities, and opinion of probable construction costs in PDF format to City staff for Final Review.
5. Incorporate city review comments of Final Design.
6. Submit final signed and sealed plans (full size) and Bid Manual to the city in PDF format.

6.1 Deliverables

1. Final Design Plans
2. Bid Proposals
3. Quantities
4. Opinion of Probably Construction Costs

Task 7.0 – Additional Services (Not Included – Extra Work)

For work not described or included in Section 1 – Scope of Services, Additional Services will be as directed by the Owner in writing for an additional fee as agreed upon by the Owner and GARVER.

The following services are not included as part of the basic services and will be performed at the request of the Owner and with additional compensation:

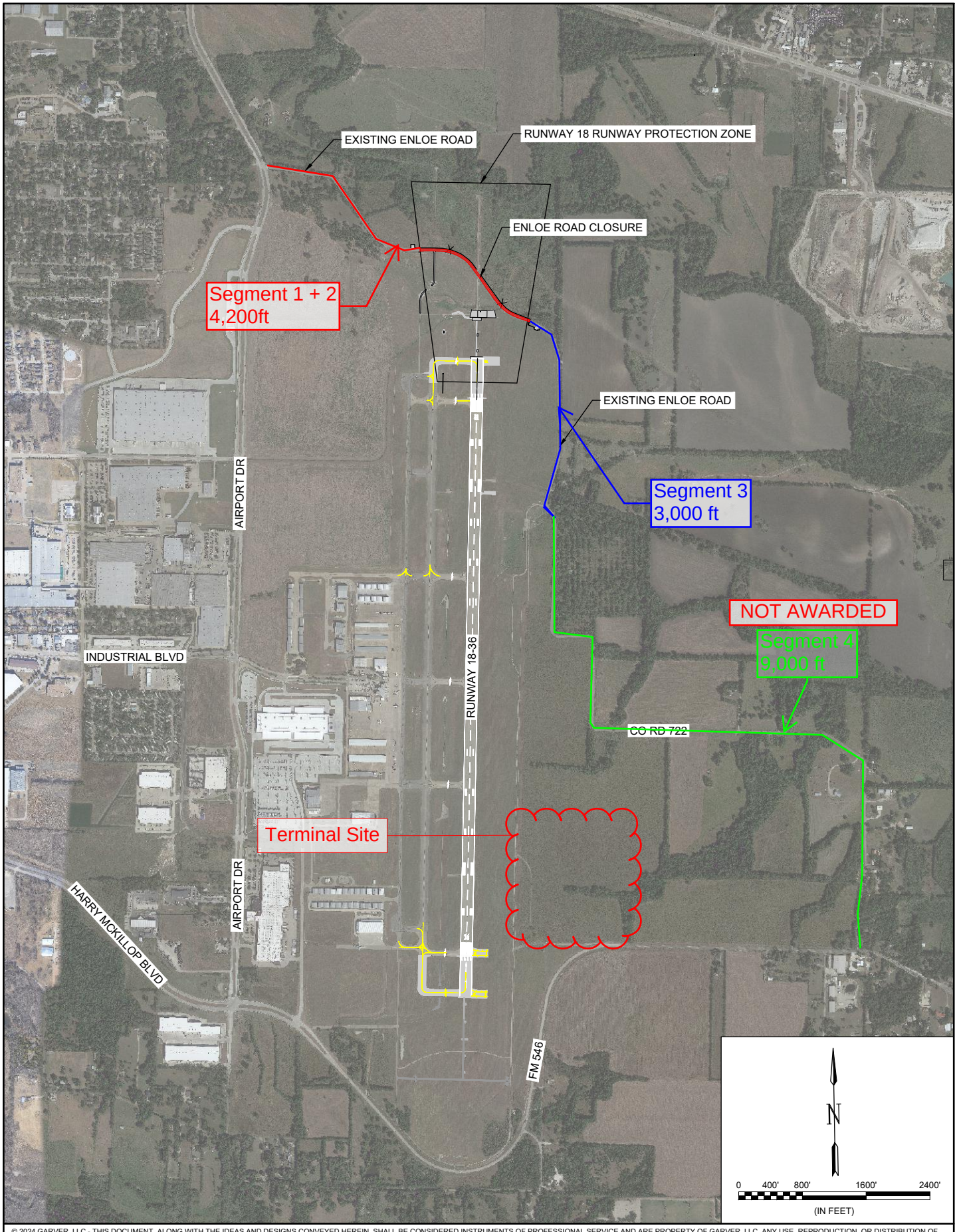
1. Any engineering design outside of the expressed project limits set forth in the project summary as part of this scope.
2. Traffic Engineering/Traffic Counts
3. Structural Design and Reviews
4. Inspecting or Load Rating existing bridges or culverts

5. Street Illumination
6. Classroom training.
7. Operations and Maintenance Manual updates.
8. Funding assistance.
9. Additional Survey other than described above for areas that have changed.
10. Resetting of disturbed control points for Final Design or Construction.
11. Providing survey control or ROW monuments other than iron rods.
12. Construction staking for survey.
13. Species names of trees and locating Trees Less than 6" in diameter
14. Coordination and Right of Entry efforts for Private Property owners.
15. Preparation of "Front End" legal documents, (provided by owner's attorney)
16. Construction observation.
17. Opening of city manholes or water valves that are bolted shut or "frozen".
18. Design of improvements off-site.
19. Locating utilities not marked by Texas 811 in areas of new survey under this scope.
20. Redesign or surveying for the City's convenience or due to changed conditions.
21. Sealed or certified drawings, including ALTA or closing surveys.
22. Submittals or deliverables in addition to those listed herein.
23. Invasive or non-invasive structural evaluation techniques beyond visual observation of existing structures at grade and existing record drawings.
24. Construction materials testing.
25. Environmental Handling and Documentation.
26. Floodplain delineation and coordination with FEMA and preparation/submittal of a CLOMR and/or LOMR.
27. Drainage Design and Studies
28. Design of Culverts/Bridges
29. Preparing non-standard drainage structure designs.
30. Design of energy dissipation for culverts and channels.
31. Flood Mitigation
32. Gabion Design
33. Any Environmental Research and/or Public Involvement.
34. Permitting (Environmental or USACE)
35. Any wetland and stream permitting including mitigation planning.
36. Coordination with the Bureau of Reclamation or any other governmental or funding agencies other than those listed.
37. Extra Meetings.
38. Architectural Review Workshops, for either structures or site improvements.

Task 8.0 Schedule

Garver shall begin work under this agreement upon execution of this Agreement and shall complete the work within the schedule in Attachment B.

Attachment A



GARVER
3000 Internet Boulevard
Suite 400
Frisco, TX 75034
(972) 377-7480

MCKINNEY NATIONAL AIRPORT
MCKINNEY, TEXAS

RUNWAY 18 EXTENSION

FIGURE NUMBER
EX-01

SHEET NUMBER

File: I:\2024\A11-24001453 - TKI - Runway 18 Extension CPS\Drawings\EXHIBIT S\TKI_RW18_Enloe Road Closure.dwg Last Save: 7/29/2024 10:58 AM Last saved by: JAHenderson
Last plotted by: Henderson, James, A Plot Style: AECmono.ctb Plot Scale: 1:2 Plot Date: 7/29/2024 10:59 AM Plotter used: AutoCAD PDF (General Documentation).pc3

Attachment B

TKI Runway 18 Extension CPS

Enloe Road Reconstruction
Project Schedule

ID	Task Name	Duration	Start	Finish
1	**Enloe Road Reconstruction Project**	**148 days**	**Wed 3/25/26**	**Fri 10/16/26**
2	**Project Startup**	**28 days**	**Wed 3/25/26**	**Fri 5/1/26**
3	Scoping Meeting	0 days	Wed 3/25/26	Wed 3/25/26
4	Garver Finalize and Submit Scope	8 days	Wed 3/25/26	Fri 4/3/26
5	**City of McKinney Council Meeting (Design CO)**	**0 days**	**Tue 4/21/26**	**Tue 4/21/26**
6	NTP	0 days	Mon 4/6/26	Mon 4/6/26
7	Kickoff Meeting	5 days	Mon 4/6/26	Fri 4/10/26
8	Survey (Lidar & Topo)	20 days	Mon 4/6/26	Fri 5/1/26
9	SUE	20 days	Mon 4/6/26	Fri 5/1/26
10	Geotechnical Investigations	20 days	Mon 4/6/26	Fri 5/1/26
11	**Preliminary Design 60% (5 Weeks)**	**25 days**	**Mon 5/4/26**	**Fri 6/5/26**
12	Prepare 60% Plan Set	20 days	Mon 5/4/26	Fri 5/29/26
13	60% QC	5 days	Mon 6/1/26	Fri 6/5/26
14	Submit 60% Preliminary Design	0 days	Fri 6/5/26	Fri 6/5/26
15	City Review Plans	10 days	Mon 6/8/26	Fri 6/19/26
16	**Contractor Pricing**	**10 days**	**Mon 6/8/26**	**Fri 6/19/26**
17	**Final Design 100% (4Weeks)**	**20 days**	**Mon 6/22/26**	**Fri 7/17/26**
18	Prepare 100% Plan Set	15 days	Mon 6/22/26	Fri 7/10/26
19	100% QC	5 days	Mon 7/13/26	Fri 7/17/26
20	Submit 100% Final Design	0 days	Fri 7/17/26	Fri 7/17/26
21	City Review Plans	5 days	Mon 7/20/26	Fri 7/24/26
22	**Contractor Finalize Pricing**	**5 days**	**Mon 7/20/26**	**Fri 7/24/26**
23	Submit IFC Plan Set	10 days	Mon 7/27/26	Fri 8/7/26
24	**City of McKinney Council Meeting (Award CO)**	**0 days**	**Tue 8/4/26**	**Tue 8/4/26**
25	**Construction (2 Months)**	**45 days**	**Mon 8/17/26**	**Fri 10/16/26**

Enloe Road Reconstructioin
Rev Date: Wed 3/25/26

Task	Project Summary	Manual Task	Start-only	Deadline
Split	Inactive Task	Duration-only	Finish-only	Progress
Milestone	Inactive Milestone	Manual Summary Rollup	External Tasks	Manual Progress
Summary	Inactive Summary	Manual Summary	External Milestone	

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
FEE SUMMARY

Segment 1

	Title I Service		Estimated Fees
Lump Sum	Preliminary Design - 60% Plans	$	43,700.00
Lump Sum	Final Design - 100% Plans	$	19,300.00
	Subtotal for Title I Service	**$**	**63,000.00**

	Title II Service		Estimated Fees
Lump Sum	Surveys (White Hawk Engineering)	$	43,200.00
Lump Sum	GeoTech - Terracon	$	14,500.00
	Subtotal for Title II Service	**$**	**57,700.00**

Segment 2

	Title I Service		Estimated Fees
Lump Sum	Preliminary Design - 60% Plans	$	50,100.00
Lump Sum	Final Design - 100% Plans	$	28,100.00
	Subtotal for Title I Service	**$**	**78,200.00**

	Title II Service		Estimated Fees
Lump Sum	Surveys (White Hawk Engineering)	$	40,200.00
Lump Sum	GeoTech - Terracon	$	17,500.00
	Subtotal for Title II Service	**$**	**57,700.00**

Segment 3

	Title I Service		Estimated Fees
Lump Sum	Preliminary Design - 60% Plans	$	42,100.00
Lump Sum	Final Design - 100% Plans	$	27,000.00
	Subtotal for Title I Service	**$**	**69,100.00**

	Title II Service		Estimated Fees
Lump Sum	Surveys (White Hawk Engineering)	$	43,200.00
Lump Sum	GeoTech - Terracon	$	17,500.00
	Subtotal for Title II Service	**$**	**60,700.00**

Construction Services

	Title II Service		Estimated Fees
Lump Sum	Construction Administration	$	20,800.00
	Subtotal for Title II Service	**$**	**20,800.00**

	Total All Services	**$**	**407,200.00**

Fee Type

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
SEGMENT 1
FEE SUMMARY

	Title I Service	Estimated Fees	
Lump Sum	Preliminary Design - 60% Plans	$	43,700.00
Lump Sum	Final Design - 100% Plans	$	19,300.00
	Subtotal for Title I Service	**$**	**63,000.00**

	Title II Service	Estimated Fees	
Lump Sum	Surveys (White Hawk Engineering)	$	43,200.00
Lump Sum	GeoTech - Terracon	$	14,500.00
	Subtotal for Title II Service	**$**	**57,700.00**

	Total All Services	**$**	**120,700.00**

Fee Type

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
SEGMENT 1
Surveys (White Hawk Engineering)

WORK TASK DESCRIPTION	E-5	E-4	E-2	E-1	AM-2
	hr	hr	hr	hr	hr
1. Surveys - Topographic					
Prepare for Survey Scoping Meeting	1				
Attend Survey Scoping Meeting (#people, on-site/virtual)	1				
Develop Survey Field Work Exhibits	1	1			
Develop Survey Subconsultant Agreement	1				2
Badging Coordination					
Coordinate with Survey Crew	2				
Site Visit (4 people, 2 trips)					
Survey Meshing with Base Maps		2		2	
QC Review of Survey Data	2				
(Bi-Weekly) Progress Meetings (4 Meetings)					
Subtotal - Surveys - Topographic	**8**	**3**	**0**	**2**	**2**
Hours	**8**	**3**	**0**	**2**	**2**

SUBTOTAL - SALARIES:	**$4,071.00**
DIRECT NON-LABOR EXPENSES	
Document Printing/Reproduction/Assembly	$79.00
Postage/Freight/Courier	$50.00
Travel Costs	$0.00
SUBTOTAL - DIRECT NON-LABOR EXPENSES:	**$129.00**
SUBTOTAL:	**$4,200.00**
SUBCONSULTANTS FEE:	**$39,000.00**
TOTAL FEE:	**$43,200.00**

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
SEGMENT 1

GeoTech - Terracon

WORK TASK DESCRIPTION	E-5	E-4	E-2	E-1	AM-2
	hr	hr	hr	hr	hr
1. Surveys - Topographic					
Coordinate with Geotechnical Staff	1				
Develop Geotech Field Work Exhibits				1	
Develop Geotech Subconsultant Agreement	1				2
QC Review of Geotechical Data	1				
Progress Meetings (2 Meetings)					
Subtotal - Surveys - Topographic	**3**	**0**	**0**	**1**	**2**

Hours	**3**	**0**	**0**	**1**	**2**

SUBTOTAL - SALARIES:	**$1,448.00**
DIRECT NON-LABOR EXPENSES	
Document Printing/Reproduction/Assembly	$35.00
Postage/Freight/Courier	$17.00
Travel Costs	$0.00
SUBTOTAL - DIRECT NON-LABOR EXPENSES:	**$52.00**
SUBTOTAL:	**$1,500.00**
SUBCONSULTANTS FEE:	**$13,000.00**
TOTAL FEE:	**$14,500.00**

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
SEGMENT 1

Preliminary Design - 60% Plans

WORK TASK DESCRIPTION	E-5	E-4	E-2	E-1
	hr	hr	hr	hr
1. Project Administration				
Coordination with City	4			
External Coordination (Subs, Utilities, Etc.)				
Site Visit (2 people, 2 trips)			2	4
Attend Preliminary Plan Review Meeting (2 People, Teams - Virtual)	2		2	
Subtotal - Project Administration	**6**	**0**	**4**	**4**
2. Civil Engineering				
Base Map Setup			2	2
Establish Design Criteria and Parameters			1	
Review As-Built Drawings			1	
Field Investigation and Inventory of Existing Infrastructure (2 people)			2	2
(Develop/Update) Horizontal Alignments			2	4
(Develop/Update) Vertical Alignments			4	8
(Develop/Update) Corridor Model			4	8
Preliminary Plans				
General Notes				2
Project Layout Plan			2	4
Survey Control Plan			1	2
Removal Plans			2	4
Typical Sections			1	2
Plan and Profiles			8	16
Grading Plans			2	4
Pavement Marking & Signing Plans			4	8
Drainage Plans			2	4
Drainage Analysis			1	2
Drainage Structure Design			1	2
Traffic Control Plans			2	4
Fencing Plans			4	8
Tree Protection Plan			2	4
Cross Sections			4	8
Develop SWPPP			4	8
Stadard Plans and Details			2	4
Develop Preliminary Technical Specifications			4	
Develop Preliminary Supplemental Specifications			4	
Develop Preliminary Quantities			1	4
Develop Preliminary Opinions of Probable Construction Costs			2	
Internal Quality Control (QC) Review	8	8		
Incorporate QC Review Comments			4	4

Incorporate Preliminary (City of McKinney) Review Comments			4	4
Subtotal - Civil Engineering	**8**	**8**	**77**	**122**

Hours	**14**	**8**	**81**	**126**

SUBTOTAL - SALARIES:	**$43,197.00**
DIRECT NON-LABOR EXPENSES	
Document Printing/Reproduction/Assembly	$321.00
Postage/Freight/Courier	$52.00
Office Supplies/Equipment	$0.00
Computer Modeling/Software Use	$0.00
Travel Costs	$130.00
SUBTOTAL - DIRECT NON-LABOR EXPENSES:	**$503.00**
SUBTOTAL:	**$43,700.00**
SUBCONSULTANTS FEE:	**$0.00**
TOTAL FEE:	**$43,700.00**

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
SEGMENT 1

Final Design - 100% Plans

WORK TASK DESCRIPTION	E-5	E-4	E-2	E-1
	hr	hr	hr	hr
1. Project Administration				
Coordination with City	2			
External Coordination (Subs, Utilities, Etc.)				
Subtotal - Project Administration	**2**	**0**	**0**	**0**
2. Civil Engineering				
Revise Horizontal Alignments			1	2
Revise Vertical Alignments			1	2
Revise Corridor Model			2	4
Preliminary Plans				
General Notes				1
Project Layout Plan				1
Survey Control Plan				1
Traffic Control Plans			1	2
Removal Plans			1	2
Drainage Plans			1	2
Drainage Analysis			1	
Drainage Structure Design			1	
Typical Sections				2
Plan and Profiles			2	4
Grading Plans			1	2
Pavement Marking Plans				2
Fencing Plans				1
Tree Protection Plan				2
Cross Sections			2	4
Develop SWPPP				2
Stadard Plans and Details				2
Develop Preliminary Technical Specifications			2	
Develop Preliminary Supplemental Specifications			2	
Develop Preliminary Quantities			1	2
Develop Preliminary Opinions of Probable Construction Costs			1	
Internal Quality Control (QC) Review	8	8		
Incorporate QC Review Comments			4	4
Incorporate Preliminary (City of McKinney) Review Comments			4	4
Subtotal - Civil Engineering	**8**	**8**	**28**	**48**
Hours	**10**	**8**	**28**	**48**
SUBTOTAL - SALARIES:		**$18,782.00**		

DIRECT NON-LABOR EXPENSES	
Document Printing/Reproduction/Assembly	$351.00
Postage/Freight/Courier	$37.00
Office Supplies/Equipment	$0.00
Computer Modeling/Software Use	$0.00
Travel Costs	$130.00
SUBTOTAL - DIRECT NON-LABOR EXPENSES:	**$518.00**
SUBTOTAL:	**$19,300.00**
SUBCONSULTANTS FEE:	**$0.00**
TOTAL FEE:	**$19,300.00**

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
SEGMENT 2
FEE SUMMARY

	Title I Service	Estimated Fees	
Lump Sum	Preliminary Design - 60% Plans	$	50,100.00
Lump Sum	Final Design - 100% Plans	$	28,100.00
	Subtotal for Title I Service	**$**	**78,200.00**

	Title II Service	Estimated Fees	
Lump Sum	Surveys (White Hawk Engineering)	$	40,200.00
Lump Sum	GeoTech - Terracon	$	17,500.00
	Subtotal for Title II Service	**$**	**57,700.00**

	Total All Services	**$**	**135,900.00**

Fee Type

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
SEGMENT 2

Surveys (White Hawk Engineering)

WORK TASK DESCRIPTION	E-5	E-4	E-2	E-1	AM-2
	hr	hr	hr	hr	hr
1. Surveys - Topographic					
Prepare for Survey Scoping Meeting	1				
Attend Survey Scoping Meeting (#people, on-site/virtual)	1				
Develop Survey Field Work Exhibits	1	1			
Develop Survey Subconsultant Agreement	1				2
Badging Coordination					
Coordinate with Survey Crew	2				
Site Visit (4 people, 2 trips)					
Survey Meshing with Base Maps		2		2	
QC Review of Survey Data	2				
(Bi-Weekly) Progress Meetings (4 Meetings)					
Subtotal - Surveys - Topographic	**8**	**3**	**0**	**2**	**2**

Hours	**8**	**3**	**0**	**2**	**2**

SUBTOTAL - SALARIES:	**$4,071.00**
DIRECT NON-LABOR EXPENSES	
Document Printing/Reproduction/Assembly	$79.00
Postage/Freight/Courier	$50.00
Travel Costs	$0.00
SUBTOTAL - DIRECT NON-LABOR EXPENSES:	**$129.00**
SUBTOTAL:	**$4,200.00**
SUBCONSULTANTS FEE:	**$36,000.00**
TOTAL FEE:	**$40,200.00**

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
SEGMENT 2

GeoTech - Terracon

WORK TASK DESCRIPTION	E-5	E-4	E-2	E-1	AM-2
	hr	hr	hr	hr	hr
1. Surveys - Topographic					
Coordinate with Geotechnical Staff	1				
Develop Geotech Field Work Exhibits				1	
Develop Geotech Subconsultant Agreement	1				2
QC Review of Geotechical Data	1				
Progress Meetings (2 Meetings)					
Subtotal - Surveys - Topographic	**3**	**0**	**0**	**1**	**2**

Hours	**3**	**0**	**0**	**1**	**2**

SUBTOTAL - SALARIES:	**$1,448.00**
DIRECT NON-LABOR EXPENSES	
Document Printing/Reproduction/Assembly	$35.00
Postage/Freight/Courier	$17.00
Travel Costs	$0.00
SUBTOTAL - DIRECT NON-LABOR EXPENSES:	**$52.00**
SUBTOTAL:	**$1,500.00**
SUBCONSULTANTS FEE:	**$16,000.00**
TOTAL FEE:	**$17,500.00**

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
SEGMENT 2

Preliminary Design - 60% Plans

WORK TASK DESCRIPTION	E-5	E-4	E-2	E-1
	hr	hr	hr	hr
1. Project Administration				
Coordination with City	2			
External Coordination (Subs, Utilities, Etc.)				
Site Visit (2 people, 2 trips)			2	4
Attend Preliminary Plan Review Meeting (2 People, Teams - Virtual)	1		1	
Subtotal - Project Administration	**3**	**0**	**3**	**4**
2. Civil Engineering				
Base Map Setup			1	2
Establish Design Criteria and Parameters			1	
Review As-Built Drawings			1	
Field Investigation and Inventory of Existing Infrastructure (2 people)			1	1
(Develop/Update) Horizontal Alignments			1	2
(Develop/Update) Vertical Alignments			1	2
(Develop/Update) Corridor Model			3	6
Preliminary Plans				
General Notes				1
Project Layout Plan				1
Survey Control Plan				1
Removal Plans			2	4
Typical Sections				2
Plan and Profiles			6	12
Grading Plans			2	4
Pavement Marking & Signing Plans			4	8
Drainage Plans			2	4
Drainage Analysis - (1) Triple Culvert			20	40
Drainage Structure Design - (1) Triple Culvert			20	40
Traffic Control Plans			1	2
Fencing Plans			1	2
Tree Protection Plan			1	2
Cross Sections				4
Develop SWPPP				2
Stadard Plans and Details				1
Develop Preliminary Technical Specifications			4	
Develop Preliminary Supplemental Specifications			4	
Develop Preliminary Quantities				4
Develop Preliminary Opinions of Probable Construction Costs				4
Internal Quality Control (QC) Review	8	8		
Incorporate QC Review Comments			4	4

Incorporate Preliminary (City of McKinney) Review Comments			4	4
Subtotal - Civil Engineering	**8**	**8**	**84**	**159**

Hours	**11**	**8**	**87**	**163**

SUBTOTAL - SALARIES:	**$49,473.00**
DIRECT NON-LABOR EXPENSES	
Document Printing/Reproduction/Assembly	$400.00
Postage/Freight/Courier	$87.00
Office Supplies/Equipment	$0.00
Computer Modeling/Software Use	$0.00
Travel Costs	$140.00
SUBTOTAL - DIRECT NON-LABOR EXPENSES:	**$627.00**
SUBTOTAL:	**$50,100.00**
SUBCONSULTANTS FEE:	**$0.00**
TOTAL FEE:	**$50,100.00**

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
SEGMENT 2

Final Design - 100% Plans

WORK TASK DESCRIPTION	E-5	E-4	E-2	E-1
	hr	hr	hr	hr
1. Project Administration				
Coordination with City	2			
External Coordination (Subs, Utilities, Etc.)				
Subtotal - Project Administration	**2**	**0**	**0**	**0**
2. Civil Engineering				
Revise Horizontal Alignments				2
Revise Vertical Alignments				2
Revise Corridor Model			1	2
Preliminary Plans				
General Notes				1
Project Layout Plan				1
Survey Control Plan				1
Traffic Control Plans				1
Removal Plans			1	2
Drainage Plans			1	2
Drainage Analysis - (1) Triple Culvert			10	20
Drainage Structure Design - (1) Triple Culvert			10	20
Typical Sections				2
Plan and Profiles			2	4
Grading Plans			1	2
Pavement Marking Plans			1	2
Fencing Plans				2
Tree Protection Plan				2
Cross Sections			1	2
Develop SWPPP				2
Stadard Plans and Details				2
Develop Preliminary Technical Specifications			2	
Develop Preliminary Supplemental Specifications			2	
Develop Preliminary Quantities				2
Develop Preliminary Opinions of Probable Construction Costs				2
Internal Quality Control (QC) Review	8	8		
Incorporate QC Review Comments			4	4
Incorporate Preliminary (City of McKinney) Review Comments			4	4
Subtotal - Civil Engineering	**8**	**8**	**40**	**86**
Hours	**10**	**8**	**40**	**86**

SUBTOTAL - SALARIES: **$27,368.00**

DIRECT NON-LABOR EXPENSES	
Document Printing/Reproduction/Assembly	$479.00
Postage/Freight/Courier	$53.00
Office Supplies/Equipment	$0.00
Computer Modeling/Software Use	$0.00
Travel Costs	$200.00
SUBTOTAL - DIRECT NON-LABOR EXPENSES:	**$732.00**
SUBTOTAL:	**$28,100.00**
SUBCONSULTANTS FEE:	**$0.00**
TOTAL FEE:	**$28,100.00**

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
SEGMENT 3
FEE SUMMARY

	Title I Service	Estimated Fees	
Lump Sum	Preliminary Design - 60% Plans	$	42,100.00
Lump Sum	Final Design - 100% Plans	$	27,000.00
	Subtotal for Title I Service	**$**	**69,100.00**

	Title II Service	Estimated Fees	
Lump Sum	Surveys (White Hawk Engineering)	$	43,200.00
Lump Sum	GeoTech - Terracon	$	17,500.00
	Subtotal for Title II Service	**$**	**60,700.00**

	Total All Services	**$**	**129,800.00**

Fee Type

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
SEGMENT 3

Surveys (White Hawk Engineering)

WORK TASK DESCRIPTION	E-5	E-4	E-2	E-1	AM-2
	hr	hr	hr	hr	hr
1. Surveys - Topographic					
Prepare for Survey Scoping Meeting	1				
Attend Survey Scoping Meeting (#people, on-site/virtual)	1				
Develop Survey Field Work Exhibits	1	1			
Develop Survey Subconsultant Agreement	1				2
Badging Coordination					
Coordinate with Survey Crew	2				
Site Visit (4 people, 2 trips)					
Survey Meshing with Base Maps		2		2	
QC Review of Survey Data	2				
(Bi-Weekly) Progress Meetings (4 Meetings)					
Subtotal - Surveys - Topographic	**8**	**3**	**0**	**2**	**2**
Hours	**8**	**3**	**0**	**2**	**2**

SUBTOTAL - SALARIES:	**$4,071.00**
DIRECT NON-LABOR EXPENSES	
Document Printing/Reproduction/Assembly	$79.00
Postage/Freight/Courier	$50.00
Travel Costs	$0.00
SUBTOTAL - DIRECT NON-LABOR EXPENSES:	**$129.00**
SUBTOTAL:	**$4,200.00**
SUBCONSULTANTS FEE:	**$39,000.00**
TOTAL FEE:	**$43,200.00**

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
SEGMENT 3

GeoTech - Terracon

WORK TASK DESCRIPTION	E-5	E-4	E-2	E-1	AM-2
	hr	hr	hr	hr	hr
1. Surveys - Topographic					
Coordinate with Geotechnical Staff	1				
Develop Geotech Field Work Exhibits				1	
Develop Geotech Subconsultant Agreement	1				2
QC Review of Geotechical Data	1				
Progress Meetings (2 Meetings)					
Subtotal - Surveys - Topographic	**3**	**0**	**0**	**1**	**2**

Hours	**3**	**0**	**0**	**1**	**2**

SUBTOTAL - SALARIES:	**$1,448.00**
DIRECT NON-LABOR EXPENSES	
Document Printing/Reproduction/Assembly	$35.00
Postage/Freight/Courier	$17.00
Travel Costs	$0.00
SUBTOTAL - DIRECT NON-LABOR EXPENSES:	**$52.00**
SUBTOTAL:	**$1,500.00**
SUBCONSULTANTS FEE:	**$16,000.00**
TOTAL FEE:	**$17,500.00**

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
SEGMENT 3

Preliminary Design - 60% Plans

WORK TASK DESCRIPTION	E-5	E-4	E-2	E-1
	hr	hr	hr	hr
1. Project Administration				
Coordination with City	2			
External Coordination (Subs, Utilities, Etc.)				
Site Visit (2 people, 2 trips)			4	4
Attend Preliminary Plan Review Meeting (2 People, Teams - Virtual)	2		2	
Subtotal - Project Administration	**4**	**0**	**6**	**4**
2. Civil Engineering				
Base Map Setup			2	2
Establish Design Criteria and Parameters			2	2
Review As-Built Drawings			2	2
(Develop/Update) Horizontal Alignments			2	4
(Develop/Update) Vertical Alignments			4	8
(Develop/Update) Corridor Model			8	8
Preliminary Plans				
General Notes				2
Project Layout Plan			2	4
Survey Control Plan			1	2
Removal Plans			2	4
Typical Sections			2	4
Plan and Profiles			8	16
Grading Plans			2	4
Pavement Marking & Signing Plans			4	8
Drainage Plans			2	4
Drainage Analysis				
Drainage Structure Design				
Traffic Control Plans			2	4
Fencing Plans			4	8
Tree Protection Plan			2	4
Cross Sections			2	8
Develop SWPPP			1	3
Stadard Plans and Details			1	2
Develop Preliminary Technical Specifications			4	
Develop Preliminary Supplemental Specifications			4	
Develop Preliminary Quantities				4
Develop Preliminary Opinions of Probable Construction Costs			4	
Internal Quality Control (QC) Review	8	8		
Incorporate QC Review Comments			4	4
Incorporate Preliminary (City of McKinney) Review Comments			4	4
Subtotal - Civil Engineering	**8**	**8**	**75**	**115**

Hours	**12**	**8**	**81**	**119**
SUBTOTAL - SALARIES:		**$41,384.00**		
DIRECT NON-LABOR EXPENSES				
Document Printing/Reproduction/Assembly		$464.00		
Postage/Freight/Courier		$52.00		
Office Supplies/Equipment		$0.00		
Computer Modeling/Software Use		$0.00		
Travel Costs		$200.00		
SUBTOTAL - DIRECT NON-LABOR EXPENSES:		**$716.00**		
SUBTOTAL:		**$42,100.00**		
SUBCONSULTANTS FEE:		**$0.00**		
TOTAL FEE:		**$42,100.00**		

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements
SEGMENT 3

Final Design - 100% Plans

WORK TASK DESCRIPTION	E-5	E-4	E-2	E-1
	hr	hr	hr	hr
1. Project Administration				
Coordination with City	2		2	
External Coordination (Subs, Utilities, Etc.)				
Subtotal - Project Administration	**2**	**0**	**2**	**0**
2. Civil Engineering				
Revise Horizontal Alignments			2	4
Revise Vertical Alignments			4	8
Revise Corridor Model			4	16
Preliminary Plans				
General Notes				1
Project Layout Plan				1
Survey Control Plan				1
Traffic Control Plans			1	2
Removal Plans			1	2
Drainage Plans			1	2
Drainage Analysis				
Drainage Structure Design				
Typical Sections				2
Plan and Profiles			6	12
Grading Plans			1	2
Pavement Marking Plans			1	2
Fencing Plans			1	2
Tree Protection Plan			1	2
Cross Sections			2	4
Develop SWPPP			1	2
Stadard Plans and Details				2
Develop Preliminary Technical Specifications			2	
Develop Preliminary Supplemental Specifications			2	
Develop Preliminary Quantities				2
Develop Preliminary Opinions of Probable Construction Costs			2	
Internal Quality Control (QC) Review	8	8		
Incorporate QC Review Comments			4	4
Incorporate Preliminary (City of McKinney) Review Comments			4	4
Subtotal - Civil Engineering	**8**	**8**	**40**	**77**
Hours	**10**	**8**	**42**	**77**
SUBTOTAL - SALARIES:		**$26,269.00**		

DIRECT NON-LABOR EXPENSES	
Document Printing/Reproduction/Assembly	$500.00
Postage/Freight/Courier	$31.00
Office Supplies/Equipment	$0.00
Computer Modeling/Software Use	$0.00
Travel Costs	$200.00
SUBTOTAL - DIRECT NON-LABOR EXPENSES:	**$731.00**
SUBTOTAL:	**$27,000.00**
SUBCONSULTANTS FEE:	**$0.00**
TOTAL FEE:	**$27,000.00**

Exhibit B

McKinney National Airport (TKI)
Enloe Road Improvements

Construction Administration

WORK TASK DESCRIPTION	E-6	E-5	E-4	E-3	E-2	E-1	D-2	AM-2
	hr	hr	hr	hr	hr	hr	hr	hr
1. Civil Engineering								
Attend Preconstruction Meeting with City (2 people, on-site)	2	2						
Review Contractor Pay Application (2 applications)			2					
Coordinate Contractor Pay Application Comments and Delivery to City of McKinney(2 applications)			2					
Prepare Change Orders								
Response to Contractor Inquiries			4					
Prepare for Bi-Weekly Progress Meetings (3 meetings)			2					
Attend (On-Site) Bi-Weekly Progress Meetings (2 people, 2 Months x 2 meetings/month)	2	2						
Complete and Distribute Bi-Weekly Progress Meetings Minutes (30 meetings)			2					
Site Visits (2 visits/month)	2	4	2					
Newforma Management						1		
Shop Drawings Review & Responses			2					
Develop Submittal Log						1		
Submittal Review & Responses			2			8		
QA Test Results Review						4		
Conduct Aggregate Base Pre-Activity Meeting (Virtual)			2					
Conduct Pre-Pave Meeting (2 people, on-site)		2	2					
Prepare and Distribute Pre-Pave meeting minutes			2					
Review and Analyze Contractors Topographic Survey of Top of Aggregate Base						2		
Review and Analyze Contractors Topographic Survey of Top of Pavement						2		
Final Inspection and Punchlist		2	2					
Punchlist Coordination		1						
Final Walkthrough	2	2						
Prepare and Submit Reconciliation Change Order			2					
Review and Submit Final Construction Pay Application			1					
Prepare Substantial Completion Letter			1					
Prepare Final Acceptance Letter			1					
Analyze Weather Days and Issue Contract Time Notices			1					
Analyze and Estimate Failed QA Testing Costs			1					
Provide Sponsor Certification for Construction Project Final Acceptance			1					
Subtotal - Civil Engineering	**8**	**15**	**34**	**0**	**0**	**18**	**0**	**0**

Hours	**8**	**15**	**34**	**0**	**0**	**18**	**0**	**0**

SUBTOTAL - SALARIES: **$20,359.00**

DIRECT NON-LABOR EXPENSES

Document Printing/Reproduction/Assembly	$61.00
Postage/Freight/Courier	$30.00
Office Supplies/Equipment	$50.00
Computer Modeling/Software Use	$220.00
Travel Costs	$80.00

SUBTOTAL - DIRECT NON-LABOR EXPENSES: **$441.00**

SUBTOTAL: **$20,800.00**

SUBCONSULTANTS FEE: **$0.00**

TOTAL FEE: **$20,800.00**

8901 John W. Carpenter Freeway
Dallas, Texas 75247
P (214) 630-1010
Terracon.com

September 24, 2025

Garver, LLC
14160 Dallas Parkway
Dallas Texas 75254

Attn: Mr. Randy Gros, P.E.
P: 214.619.0114
E: RLGros@GarverUSA.com

RE: Proposal for Geotechnical Engineering Services
City of McKinney – Enloe Road Improvements
South Airport Road and Enloe Road
McKinney, Texas
Terracon Proposal No. P94255331-Updated

Dear Mr. Gros:

We appreciate the opportunity to submit this proposal to Garver, LLC to provide Geotechnical Engineering services for the above referenced project. The following are exhibits to the attached Agreement for Services.

Exhibit A	Project Understanding
Exhibit B	Scope of Services
Exhibit C	Compensation and Project Schedule
Exhibit D	Site Location and Nearby Geotechnical Data
Exhibit E	Anticipated Exploration Plan

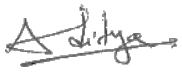
Our base fee to perform the Scope of Services described in this proposal is provided in Exhibit C which includes details of our fees and consideration of additional services as well as a general breakdown of our anticipated schedule.

Your authorization for Terracon to proceed in accordance with this proposal can be issued by signing and returning a copy of the attached Master Services Agreement Task Order to our office. The Master Services Agreement Task Order refers to the previously signed Master Services Agreement between Terracon and Garver, LLC dated February 26, 2024.

Sincerely,

Terracon
Registration No. F-3272

Blake R. Goben, P.E.
Senior Geotechnical Engineer



Aditya Rayudu, P.E.
Senior Geotechnical Engineer

Reference Number: P94255331-Updated

MASTER SERVICES AGREEMENT

TASK ORDER

This **TASK ORDER** is issued under the **MASTER SERVICES AGREEMENT** dated 02/26/2025 between Garver LLC ("Client") and Terracon Consultants, Inc. ("Consultant") for Services to be provided by Consultant for Client on the City of McKinney - Enloe Road Improvements project ("Project"), as described in the Project Information section of the Consultant's Task Order Proposal dated 09/24/2025 ("Task Order Proposal") unless the Project is otherwise described below or in Exhibit A to this Task Order (which section or Exhibit are incorporated into this Task Order). This Task Order is incorporated into and part of the Master Services Agreement.

1. Project Information

See Proposal No. P94255331

2. Scope of Services The scope of Services to be provided under this Task Order are described in the Scope of Services section of the Consultant's Task Order Proposal, unless Services are otherwise described below or in Exhibit B to this Task Order.

See Proposal No. P94255331

3. Compensation Client shall pay compensation for the Services performed at the fees stated in the Task Order Proposal unless fees are otherwise stated below or in Exhibit C to this Task Order.

See Proposal No. P94255331

All terms and conditions of the **Master Services Agreement** shall continue in full force and effect. This Task Order is accepted and Consultant is authorized to proceed.

Consultant:	**Terracon Consultants, Inc.**	Client:	**Garver LLC**
By:	 Date: **9/24/2025**	By:	Date:
Name/Title:	**Suryadithya Rayudu / Senior Engineer**	Name/Title:	
Address:	**8901 John W Carpenter Fwy Ste 100** **Dallas, TX 75247-4547**	Address:	
Phone:	**(214) 630-1010** Fax: **(214) 630-7070**	Phone:	Fax:
Email:	**Aditya.Rayudu@terracon.com**	Email:	

Exhibit A – Project Understanding

Our Scope of Services is based on our understanding of the project as described by Garver and the expected subsurface conditions as described in this section. We have not visited the project site to confirm the information provided. Aspects of the project, undefined or assumed, are highlighted. We request Garver and/or the design team verify all information prior to our initiation of field exploration activities.

Planned Construction

Item	Description
Project Description	The project includes the reconstruction of 4 segments of existing asphaltic concrete roadway along Enloe Road/County Road 722 in McKinney, TX. The segments are as follows and are shown in the site location plan attachment: ■ Segment1: About 0.35 miles ■ Segment2: About 0.40 miles ■ Segment3: About 0.40 miles ■ ~~Segment4: About 1.70 miles~~ NOT AWARDED City of McKinney Design Manual (last revised August 11, 2022) will be followed.
Pavements	We understand asphaltic concrete pavements are being considered for the proposed reconstruction. We request the roadway classification/traffic information in accordance with City of McKinney design standards be provided to aid in our analysis. The pavement design period is 20 years.

Site Location and Anticipated Conditions

Item	Description
Parcel Information	The project site is located at South Airport Road and Enloe Road in McKinney, Texas. Latitude / Longitude (approximate): 33.19468, -96.59595.
Existing Improvements	Asphaltic concrete road, with bar ditches along each site of roadway.
Current Ground Cover	Asphaltic concrete.

Item	Description
Existing Topography	Based on topographical information available from North Central Texas Council of Governments' website (**www.dfwmaps.com**), the ground surface of the project site generally slopes down from El. 570 ft. in the west to about El. 540 ft. in the east.
Site Access	We expect the site and exploration locations are accessible with our truck-mounted drilling equipment and support vehicles when the site is dry. We understand the road is currently closed to public traffic, however may see some level of construction traffic associated with nearby site development. Therefore we plan to perform traffic control for the low volume roads using signs and cones.
Expected Subsurface Conditions	Our experience near the vicinity of the proposed development and review of geologic maps indicates subsurface conditions consist of expansive clay soils overlying limestone at depths of about 10 to 30 feet.

Exhibit B - Scope of Services

Our proposed Scope of Services consists of field exploration, laboratory testing, and engineering/project delivery. These services are described in the following sections.

Field Exploration

Garver requested the following boring locations, depths were determined based on City of McKinney design guidelines:

Number of Borings	Planned Boring Depth	Planned Location [1]
4	20 feet (or atleast 5 feet into bedrock)	Along Enloe Road alignment (Segment 1)
5		Along Enloe Road alignment (Segment 2)
5		Along Enloe Road alignment (Segment 3)
~~17~~		~~Along Enloe Road alignment (Segment 4)~~ NOT AWARDED

1. The planned boring locations are shown on the attached **Anticipated Exploration Plan**.

Dynamic Cone Penetrometer: DCP testing will be performed at the above locations using Kessler's SAPPER Automatic DCP mounted on a support truck in general accordance with ASTM D 6951 and Section 4.4 of the TxDOT Pavement Manual. Data collection using this DCP equipment is automated, using an 8 kg hammer free falling at a rate of one blow per two seconds. Penetration rate and blow count data is transmitted to a tablet for review and analysis. We will analyze obtained DCP test data to provide a continuous estimate of soil Stiffness Modulus (E) and CBR values with depth. The correlation between DCP values and soil Stiffness Modulus and CBR are based on US Army Corp of Engineers empirical methods.

In addition, bulk samples will be collected from depths of about 0 to 3 feet to perform standard Proctor and laboratory CBR tests at a total of 1 location per segment (up to 4 in total).

Boring Layout and Elevations: We will use handheld GPS equipment to locate borings with an estimated horizontal accuracy of +/-20 feet. Field measurements from existing site features may be utilized. If available, approximate surface elevations will be obtained by interpolation from a site specific, surveyed topographic map. Otherwise, surface elevations will be interpolated from publicly available data (Google Earth, **www.dfwmaps.com**, etc.). If accurate boring layout and surface elevations are required, a survey of the boring locations should be provided by others.

Subsurface Exploration Procedures: We will advance borings with a truck-mounted drill rig using continuous flight augers (solid stem and/or hollow stem, as necessary, depending on soil conditions) and/or rotary wash boring techniques. Four to five soil samples will be obtained in the upper 10 feet of each boring and at intervals of 5 feet thereafter. Soil sampling is typically performed using push tube and/or split-barrel sampling procedures. The split-barrel samplers are driven in accordance with the standard penetration test (SPT). The load carrying capacity of bedrock (if encountered) will be evaluated in the field using the Texas Department of Transportation's (TxDOT) cone penetration test.

The samples will be placed in appropriate containers, taken to our soil laboratory for testing, and classified by a Geotechnical Engineer. In addition, we will observe and record groundwater levels during drilling and sampling.

Our exploration team will prepare field boring logs as part of standard drilling operations including sampling depths, penetration distances, and other relevant sampling information. Field logs include visual classifications of materials observed during drilling and our interpretation of subsurface conditions between samples. Final boring logs, prepared from field logs, represent the Geotechnical Engineer's interpretation and include modifications based on observations and laboratory tests.

Property Disturbance: Terracon will take reasonable efforts to reduce damage to the property. However, it should be understood that in the normal course of our work some disturbance could occur.

We will core through the existing asphaltic concrete pavements in order to access the underlying subgrade. We will backfill borings with bentonite chips and auger cuttings upon completion. Pavements will be patched with cold-mix asphaltic concrete. Our services do not include repair of the site beyond backfilling our boreholes and patching existing pavements. Excess auger cuttings will be dispersed in the general vicinity of the borehole. Because backfill material often settles below the surface after a period, we recommend boreholes to be periodically checked and backfilled, if necessary. We can provide this service or grout the boreholes for additional fees at your request.

Safety

Terracon is not aware of environmental concerns at this project site that would create health or safety hazards associated with our exploration program; thus, our Scope considers standard OSHA Level D Personal Protection Equipment (PPE) appropriate. Our Scope of Services does not include environmental site assessment services, but identification of unusual or unnatural materials observed while drilling will be noted on our logs.

Exploration efforts require borings and/or test pit excavations into the subsurface, therefore Terracon will comply with local regulations to request a utility location service through Texas811.

Private utilities should be marked by the owner/client prior to commencement of field exploration. Terracon will not be responsible for damage to private utilities not disclosed to us.

Terracon's Scope of Services does not include private utility locating services. If the landowner/client is unable to accurately locate private utilities, and it becomes apparent that the risk of private utilities on/near the site exists, then Terracon will initiate these services by forwarding the additional scope and corresponding fee to our client for approval.

The detection of underground utilities is dependent upon the composition and construction of the utility line; some utilities are comprised of non-electrically conductive materials and may not be readily detected. The use of a private utility locate service would not relieve the landowner/client of their responsibilities in identifying private underground utilities.

Site Access: Terracon must be granted access to the site by the city. City/airport permits, if required, will be obtained by the client. Without information to the contrary, we consider acceptance of this proposal as authorization to access the property for conducting field exploration in accordance with the Scope of Services. Our proposed fees do not include time to negotiate and coordinate access with landowners or tenants. Terracon will conduct field services during normal business hours (Monday through Friday between 7:00am and 5:00pm). If our exploration must take place over a weekend or at night, please contact us so we can adjust our schedule and fee.

Traffic Control: We understand the road is currently closed to public traffic, however may see some level of construction traffic associated with nearby site development. Therefore we plan to perform traffic control for the low volume roads using signs and cones.

Laboratory Testing

The project engineer will review field data and assign laboratory tests to understand the engineering properties of various soil and rock strata. Exact types and number of tests cannot be defined until completion of fieldwork, but we anticipate the following laboratory testing may be performed:

- Water (moisture) content
- Liquid limit, plastic limit, and plasticity index

- Unconfined compressive strength of soil
- Absorption swell tests
- Material finer than 75-µm (No. 200) sieve
- Soluble sulfates
- Lime series testing
- Moisture density relationship
- California bearing ratio

Our laboratory testing program often includes examination of soil samples by an engineer. Based on the results of our field and laboratory programs, we will describe and classify soil samples in accordance with the Unified Soil Classification System (USCS).

Engineering and Project Delivery

The results of our field and laboratory programs will be evaluated, and a geotechnical engineering report will be prepared under the supervision of a licensed professional engineer. The geotechnical engineering report will provide the following:

- Boring logs with field and laboratory data
- Stratification based on visual soil (and rock) classification
- Groundwater levels observed during and after the completion of drilling
- Site Location and Exploration Plans
- Subsurface exploration procedures
- Description of subsurface conditions
- Earthwork recommendations including site/subgrade preparation
- Recommended pavement options and design parameters in accordance with City of McKinney Design Standards

In addition to an emailed report, your project will also be delivered using our **Client Portal**. Upon initiation, we provide you and your design team the necessary link and password to access the website (if not previously registered). Each project includes a calendar to track the schedule, an interactive site map, a listing of team members, access to the project documents as they are uploaded to the site, and a collaboration portal. We welcome the opportunity to have project kickoff conversations with the team to discuss key elements of the project and demonstrate features of the portal. The typical delivery process includes the following:

- Project Planning – Proposal information, schedule and anticipated exploration plan
- Site Characterization – Findings of the site exploration and laboratory results
- Geotechnical Engineering Report

When services are complete, we upload a printable version of our completed Geotechnical Engineering report, including the professional engineer's seal and signature, which documents our services. Previous submittals, collaboration, and the report are maintained in our system. This allows future reference and integration into subsequent aspects of our services as the project goes through final design and construction.

Additional Services

In addition to the previously noted services, the following are often associated with geotechnical engineering services. Fees for services previously noted do not include the following:

Perform Environmental Assessments: Our Scope for this project does not include, either specifically or by implication, an environmental assessment of the site intended to identify or quantify potential site contaminants. If the client/owner is concerned about the potential for such conditions, an environmental site assessment should be conducted. We can provide a proposal for an environmental assessment, if desired.

Review of Plans and Specifications: Our geotechnical report and associated verbal and written communications will be used by others in the design team to develop plans and specifications for construction. Review of project plans and specifications is a vital part of our geotechnical engineering services. This consists of review of project plans and specifications related to site preparation, foundation, and pavement construction. Our review will include a written statement conveying our opinions relating to the plans and specifications' consistency with our geotechnical engineering recommendations.

Observation and Testing of Pertinent Construction Materials: Development of our geotechnical engineering recommendations and report relies on an interpretation of soil conditions. Our assessment is based on widely spaced exploration locations and the assumption that construction methods will be performed in a manner sufficient to meet our expectations and consistent with recommendations made at the time the geotechnical engineering report is issued. We should be retained to conduct construction observations, and perform/document associated materials testing, for site preparation, foundation, and pavement construction. These services allow a more comprehensive understanding of subsurface conditions and necessary documentation of construction to confirm and/or modify (when necessary) the assumptions and recommendations made by our engineers.

Exhibit C - Compensation and Project Schedule

Compensation

Based upon our understanding of the site, the project as summarized in Exhibit A, and our planned Scope of Services outlined in Exhibit B, our base fee is shown in the following table:

Task	Lump Sum Fee [1, 2]
Subsurface Exploration, Laboratory Testing, Geotechnical Consulting and Reporting (Segment 1)	$11,000
Subsurface Exploration, Laboratory Testing, Geotechnical Consulting and Reporting (Segment 2)	$13,100
Subsurface Exploration, Laboratory Testing, Geotechnical Consulting and Reporting (Segment 3)	$13,100
~~Subsurface Exploration, Laboratory Testing, Geotechnical Consulting and Reporting (Segment 4)~~	~~$36,000~~ NOT AWARDED
Total:	**$73,200**

1. Proposed fees are effective for 90 days from the date of the proposal.
2. Additional fees will be required if work is to be performed outside normal business hours.

Additional services not part of the base fee include the following:

Task	Fee	Initial for Authorization
Private Utility Clearance Service (At Boring Locations Only)	$1,000 per segment	
Perform Environmental Assessments	TBD	
Post Report Consulting / Review of Plans and Specifications	In accordance with applicable unit fees	
Observation and Testing of Pertinent Construction Materials	TBD	

Unless instructed otherwise, we will submit our invoice(s) to the address shown at the beginning of this proposal. If conditions are encountered that require Scope of Services revisions and/or result in higher fees, we will contact you for approval, prior to initiating services. A supplemental proposal stating the modified Scope of Services as well as its effect on our fee will be prepared. We will not proceed without your authorization.

Project Schedule

We developed a schedule to complete the Scope of Services based upon our existing availability and understanding of your project schedule. However, our schedule does not account for delays in field exploration beyond our control, such as weather conditions, delays resulting from utility clearance, permit delays, or lack of permission to access the boring locations. In the event the schedule provided is inconsistent with your needs, please contact us so we may consider alternatives.

Delivery on Client Portal	Completion Schedule [1, 2]
Field Exploration	15 to 20 days after notice to proceed
Laboratory Testing	25 to 35 days after notice to proceed
Geotechnical Engineering Report	30 to 40 days after notice to proceed

1. Upon receipt of your notice to proceed we will activate the schedule component on **Client Portal** with specific, anticipated dates for the delivery points noted as well as other pertinent events.
2. Standard workdays are Monday through Friday and exclude holidays. We will maintain an activities calendar within on **Client Portal**. The schedule will be updated to maintain a current awareness of our plans for delivery.

Exhibit D – Site Location

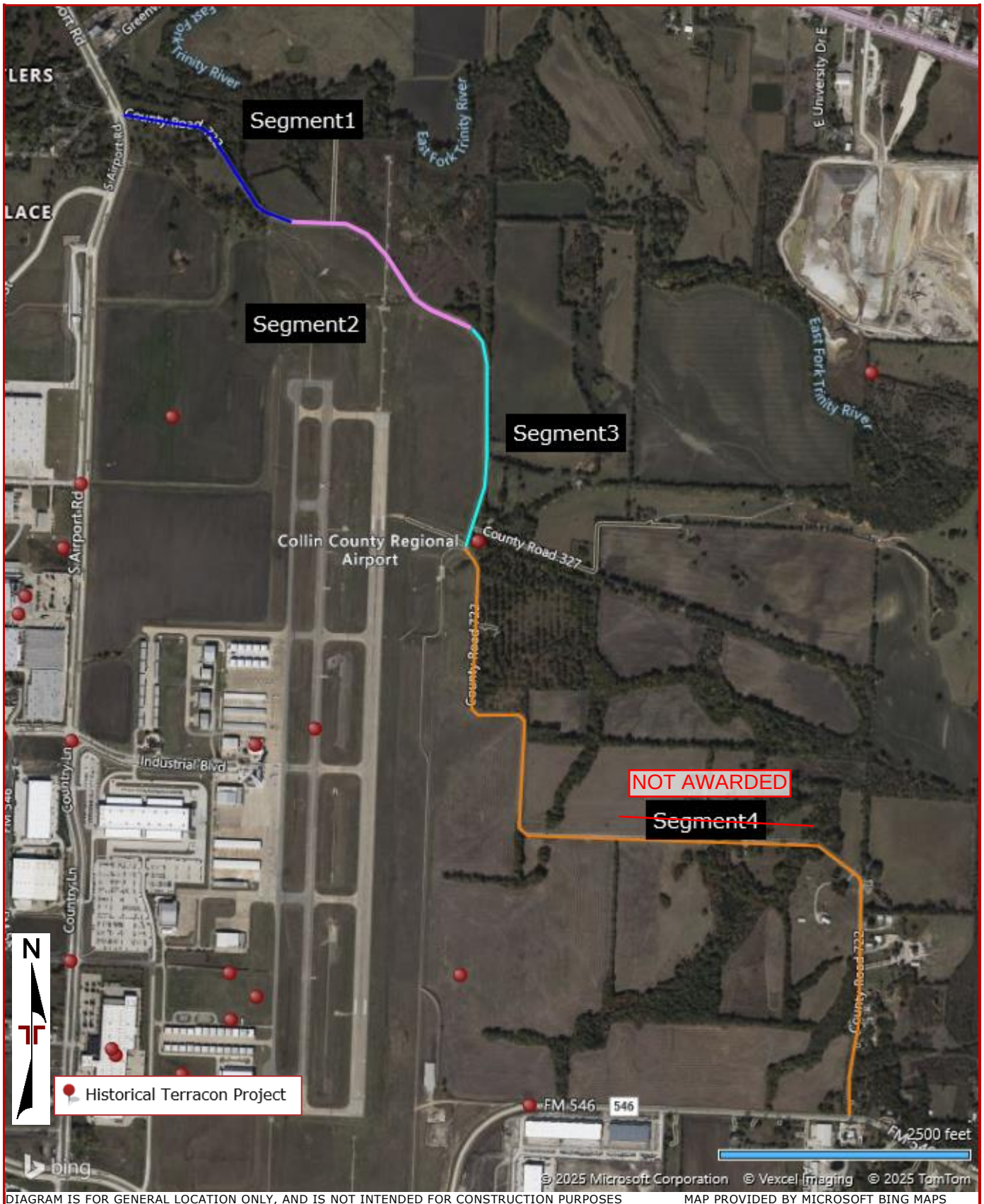


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES MAP PROVIDED BY MICROSOFT BING MAPS

Exhibit E – Anticipated Exploration Plan

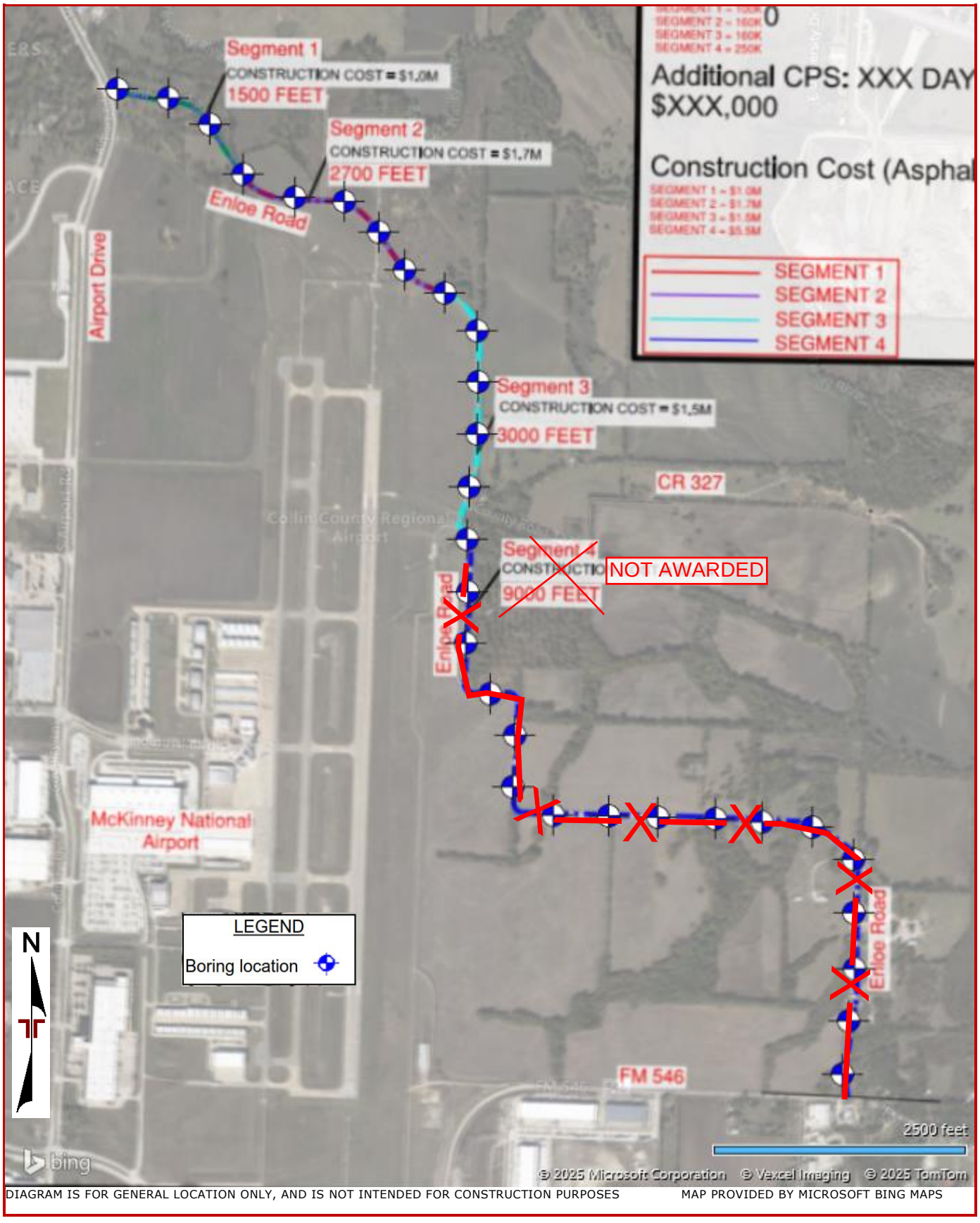


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES MAP PROVIDED BY MICROSOFT BING MAPS

Exhibit B
McKinney National Airport (TKI)
Enloe Road Improvements
Garver Hourly Rate Schedule: July 2024 - June 2025

Classification	Rates
Engineers / Architects	
E-1	$ 165.00
E-2	$ 193.00
E-3	$ 230.00
E-4	$ 271.00
E-5	$ 329.00
E-6	$ 405.00
E-7	$ 453.00
Planners	
P-1	$ 198.00
P-2	$ 235.00
P-3	$ 267.00
P-4	$ 304.00
P-5	$ 346.00
Designers	
D-1	$ 148.00
D-2	$ 168.00
D-3	$ 198.00
D-4	$ 232.00
D-5	$ 246.00
Technicians	
T-1	$ 129.00
T-2	$ 174.00
T-3	$ 188.00
T-4	$ 210.00
Surveyors	
S-1	$ 80.00
S-2	$ 95.00
S-3	$ 131.00
S-4	$ 179.00
S-5	$ 235.00
S-6	$ 274.00
S-7	$ 297.00
S-8	$ 359.00
2-Man Crew (Survey)	$ 351.00
3-Man Crew (Survey)	$ 412.00
2-Man Crew (GPS Survey)	$ 289.00
3-Man Crew (GPS Survey)	$ 359.00
Construction Observation	
C-1	$ 117.00
C-2	$ 146.00
C-3	$ 178.00
C-4	$ 230.00
C-5	$ 277.00

Classification	Rates
Resource Specialists	
RS-1	$ 115.00
RS-2	$ 150.00
RS-3	$ 213.00
RS-4	$ 293.00
RS-5	$ 367.00
RS-6	$ 449.00
RS-7	$ 503.00
Environmental Specialists	
ES-1	$ 115.00
ES-2	$ 144.00
ES-3	$ 184.00
ES-4	$ 217.00
ES-5	$ 272.00
ES-6	$ 348.00
ES-7	$ 435.00
ES-8	$ 492.00
Project Controls	
PC-1	$ 117.00
PC-2	$ 153.00
PC-3	$ 195.00
PC-4	$ 251.00
PC-5	$ 306.00
PC-6	$ 395.00
PC-7	$ 496.00
Management / Administration	
AM-1	$ 96.00
AM-2	$ 148.00
AM-3	$ 193.00
AM-4	$ 230.00
AM-5	$ 241.00
AM-6	$ 286.00
AM-7	$ 350.00
M-1	$ 557.00