PROFESSIONAL SERVICES SUPPLEMENTAL AGREEMENT # 6 FOR PFLUGER FARM LANE

STATE OF TEXAS §

COUNTY OF TRAVIS §

This Supplemental Agreement No. 6 to a contract for Professional Services is made by and between the City of Pflugerville, Texas ("City") and Kimley-Horn and Associates, Inc. ("Consultant"). City and Consultant may be referred to herein singularly as "Party" or collectively as the "Parties."

WHEREAS, the City and Consultant executed an Agreement for Professional Services ("Agreement") on the 19 day of January, 2021 for the Pfluger Farm Lane project ("Project") in the amount of \$349,995.80; and

WHEREAS, the City and Consultant entered into a Supplemental Agreement # 1 for Professional Services for the Project in the amount of \$23,370.00 to add subsurface utility engineering services to the Agreement on May 18, 2022; and

WHEREAS, the City and Consultant entered into a Supplemental Agreement # 2 for Professional Services for the Project in the amount of \$46,103.90 to add NEPA Environmental Documentation services and TDLR services to the Agreement on June 20, 2023; and

WHEREAS, the City and Consultant entered into a Supplemental Agreement # 3 for Professional Services for the Project in the amount of \$44,098.34 to add bidding and construction phase services for Wilke Right Turn Lane to the Agreement on December 18,2023; and

WHEREAS, the City and Consultant entered into a Supplemental Agreement # 4 for Professional Services for the Project in the amount of \$13,427.10 to add_construction materials testing for Wilke Right Turn Lane to the Agreement on February 27, 2024; and

WHEREAS, the City and Consultant entered into a Supplemental Agreement # 5 for Professional Services for the Project in the amount of \$29,040.00 to add roadway design, drainage study, and roundabout analysis services to the Agreement on May 2,2024; and

WHEREAS, the City and Consultant desire to enter into a Supplemental Agreement # 6 for Professional Services for the Project in the amount of \$221,847.83 to add_design, bidding, and construction phase services to the Agreement; and

WHEREAS, it has become necessary to amend the Agreement to modify the provisions for the Scope of Services and Compensation; and

WHEREAS, it is necessary for the City to amend its agreements from time to time to comply with changes in state law relating to contracts of municipalities.

NOW, THEREFORE, premises considered, the City and the Consultant agree that said Agreement is amended as follows:

l.

Article III. Scope of Services and Attachment A, shall be amended as set forth in the attached addendum to Attachment A.

Article IV. Compensation to Consultant and Attachment B (Fee Schedule), shall be amended by increasing by \$221,847.83 the amount payable under the Agreement for a total of \$727,882.97 as shown by the attached Addendum to Attachment B (Fee Schedule).

2.

Except as amended hereby, and as previously amended as indicated above, the terms of the Agreement shall remain unchanged and in full force and effect.

EXECUTED and **AGREED** to as of the dates indicated below.

CITY OF
PFLUGERVILLE

CONSULTANT

		T5,	
	Signature)		(Signature)
Printed Name:	Sereniah Breland	Printed Name:	Trey Neal
Title:	City Manager	Title:	Vice President
Date:		Date:	7/23/2024

APPROVED AS TO FORM:

Charles E. Zech City Attorney

DENTON NAVARRO RODRIGUEZ BERNAL SANTEE & ZECH, P.C.

ADDENDUM TO ATTACHMENT A SUPPLEMENTAL AGREEMENT #6 SCOPE OF SERVICES

PROJECT UNDERSTANDING

This supplement consists of performing roadway design revisions, roundabout design, utility relocation design, bidding phase, and construction phase services for Pfluger Farm Lane North project. This supplemental also consists of TDLR registration and inspection of the Pfluger Farm Lane North package. TDLR review for PFLN was included in PSSA #2. Kimley-Horn understands the Pfluger Farm Lane North project will be bid separate from the public infrastructure of Lifestyles Communities development.

SERVICES TO BE PROVIDED BY THE ENGINEER

The Engineer's Services consist of the services specifically described below including the specific engineering services to be performed through the following consulting disciplines as subcontractors to the Engineer:

- (1) Altura Solutions, LLC (Altura) TDLR registration and inspection
- (2) Intertek Geotechnical investigation and Pavement Engineering

TASK 1 – PROJECT MANAGEMENT

The Engineer will:

- 1.1. Perform general administrative duties associated with the Project, to include monitoring/reporting, scheduling, general correspondence, office administration, and invoicing.
- 1.2. The Engineer will attend monthly design project meetings with the City. Meetings anticipated to be virtual.
- 1.3. The Engineer will attend up to five project status meetings with the City and adjacent Developers. Meetings anticipated to be virtual.
- 1.4. The Engineer will attend one City Council meeting.
- 1.5. The Engineer will prepare and submit monthly status updates with updated schedule and invoices to the City for review and approval.
- 1.6. The Engineer will prepare Meeting Minutes for project and status meetings

TASK 6 – PRELIMINARY 30% SCHEMATIC DESIGN

This task consists of updating the schematic for Pfluger Farm Lane North.

The Engineer will:

- 6.1. Prepare updated typical section
- 6.2. Prepare updated roadway geometrics based on typical section revisions
- 6.3. Prepare revised 30% Preliminary Design Schematic roll plot. The preliminary design schematic will be limited to existing topography and utilities, horizontal

alignments, vertical profile design, intersection horizontal alignments and profiles (where applicable), identified easements, roadway typical sections, existing and proposed right-of-way, existing and proposed pavement edges, proposed sidewalks, proposed lane striping, and proposed detention facilities.

6.4. Prepare updated OPCC

TASK 8 FINAL ROADWAY DESIGN

The Engineer will:

- 8.1. Prepare updated plan and profile sheets
- 8.2. Prepare updated typical section sheets
- 8.3. Prepare Intersection Detail Sheet for one roundabout intersection at a scale of 1"=20'
- 8.4. Prepare Intersection Grading Sheet for one roundabout intersection to include contours shown at 1' intervals and at a scale of 1"=20'
- 8.5. Prepare a Right Turn Lane Package Project Manual including standard general provisions, instructions to offerors, bid forms, applicable prevailing wage rates, specifications, special provisions. The City will provide the front-end documents for use by the Engineer.
- 8.6. Prepare a Pfluger Farm Lane North Project Manual including standard general provisions, instructions to offerors, bid forms, applicable prevailing wage rates, specifications, special provisions. The City will provide the front-end documents for use by the Engineer. It is anticipated that a competitive sealed bidding method will be used.

TASK 9 – FINAL DRAINAGE DESIGN

The Engineer will:

- 9.1. Prepare updated run-off calculations to each inlet and updated inlet hydraulic information using "GEOPAK Drainage" software
- 9.2. Prepare updated storm drain calculations using GEOPAK Drainage software.

TASK 10 - FINAL TRAFFIC ENGINEERING

The Engineer will:

10.1. Prepare updated Signing and Pavement Marking sheets for roundabout at a scale of 1"=40"

TASK 13 UTILITY RELOCATION DESIGN SERVICES

This task is for the Manville WSC relocation in conflict with the proposed Pfluger Farm Lane. The Engineer will:

- 13.1. Coordination and meeting with Manville WSC
- 13.2. Create Plan and Profile sheet for relocating of approximately 200 linear feet of 12-inch waterline

Pflueger Farm Lane

- 13.3. Prepare custom detail sheet and prepare standard details for the 12" waterline relocation
- 13.4. Prepare design specifications and waterline notes
- 13.5. Update design based on review comments from the City and Manville WSC

TASK 14 BID PHASE SERVICES

It is anticipated the Pfluger Farm Lane North project will be competitive sealed bid format. The Engineer will perform the following:

- 14.1. Attend pre-bid meeting with the City. Assist the City in developing meeting agenda
- 14.2. Receive, record and provide responses to prospective offeror's and suppliers questions.
- 14.3. Issue addenda as appropriate to clarify, correct, or change the bidding documents. Include addenda items in the construction plans and issue "conformed" set of plans for construction
- 14.4. Assist the City in opening of offers, review and evaluate bid amount tabulations, general overview of offerors' qualifications, and advice on shortlist of bid proposers
- 14.5. Prepare recommendation letter for award of the contract for construction incorporating City feedback on scoring criteria from Competitive Sealed Proposals.
- 14.6. Assist City with determining Developer participation amount based on bids.

TASK 15 CONSTRUCTION PHASE SERVICES

The Engineer will perform the following:

- 15.1. TDLR registration and inspection will be performed via a subconsultant (Altura) and the detailed scope of services for this work is provided in the proposal from Altura dated July 23, 2023 and included in this supplemental.
- 15.2. Construction Materials Testing will be performed via a subconsultant (Intertek) and the detailed scope of services for this work is provided in the proposal from Intertek dated July 23, 2024 and included in this supplemental.
- 15.3. Coordinate with subconsultants and document preparation for project registration, review, and inspection.
- 15.4. Attend one (1) Pre-Construction meeting with the City and the Contractor.
- 15.5. Attend weekly construction status meetings (virtual), up to twenty-six (26) with the City and the Contractor.
- 15.6. Respond to up to ten (10) Request for Information (RFI) requests from the Contractor. Any orders authorizing variations from the Contract Documents will be made by Client.
- 15.7. Develop and issue up to five (5) revised sheets due to City requested changes or unforeseen issues that may arise in the field.
- 15.8. Review and make recommendations related to up to three (3) Change Orders submitted or proposed by the Contractor
- 15.9. Review shop drawing and material submittals and approve or take other appropriate action in respect to up to ten (10) Shop Drawings and/or material samples which

- Contractor is required to submit, but only for conformance with the information given in the Contract Documents. Such review and approvals or other action will not extend to means, methods, techniques, equipment choice and usage, schedules, or procedures of construction or to related safety programs.
- 15.10. Review Applications for Payment based on observations and review of applications for payment and supporting documentation. Recommendations will be based on Consultant's knowledge, information and belief, and will state whether in Consultant's opinion Contractor's work has progressed to the point indicated, subject to any qualifications stated in the recommendation. Consultant's recommendations will not be a representation that its observations to check Contractor's work have been exhaustive, extended to every aspect of Contractor's work, or involved detailed inspections.
- 15.11. Make up to two (2) site visits as directed by Client in order to observe the progress of the work. Such observations will not be exhaustive or extend to every aspect of Contractor's work. Observations will to be limited to spot checking, selective measurement, and similar methods of general observation. Based on information obtained during site visits, Consultant will evaluate whether Contractor's work is generally proceeding in accordance with the Contract Documents, and Consultant will keep Client informed of the general progress of the work.
 - Consultant will not supervise, direct, or have control over Contractor's work, nor shall Consultant have authority to stop the Work or have responsibility for the means, methods, techniques, equipment choice and usage, schedules, or procedures of construction selected by Contractor, for safety programs incident to Contractor's work, or for any failure of Contractor to comply with any laws. Consultant does not guarantee the performance of any Contractor and has no responsibility for Contractor's failure to perform its work in accordance with the Contract Documents.
- 15.12. When requested by Contractor and Client, Consultant will conduct a site visit to determine if the Work is substantially complete. Work will be considered substantially complete following satisfactory completion of all items with the exception of those identified on a final punch list.
- 15.13. Develop Final Notice of Acceptability of the Work. Consultant will conduct a final site visit to evaluate whether the completed Work of Contractor is generally in accordance with the Contract Documents and the final punch list so that Consultant may recommend final payment to Contractor.
- 15.14. Assemble project close out package consisting of approved change orders, RFIs, pay applications, materials testing reports, and as-builts.

The following services are not included in this Agreement at present and are specifically considered to be additional services:

- a. Continuous illumination design along Abbeyglen Castle Dr
- b. Detention design along Abbeyglen Castle Dr
- c. Formal coordination with the USFWS

- d. Threatened and endangered species presence/absence surveys
- e. Section 6(f) or 4(f) analysis
- f. Historic survey
- g. Geologic Assessment
- h. Hazardous Materials Phase I or II analysis
- i. USACE Pre-Construction Notification or Individual Permit preparation
- j. Archeological survey, monitoring, or mechanical excavation of backhoe trenches.
- k. Human remains exhumation, curation, and repatriation, if necessary, would require an additional scope/fee to cover extensive coordination.

ADDENDUM TO ATTACHMENT B SUPPLEMENTAL AGREEMENT #6

Project Name: Pfluger Farm Lane

Prepared By: Kimley-Horn and Associates, Inc.

Prepared By:	Direct Labor (Person-Hours)										
Task # Subtask Number	Task Name Subtask Name/Description	Assumptions	Senior Prof II \$325.00	Senior Prof I 265.00	Prof 225.00	Analyst	CADD 140.00	Project Controller 125.00	Admin \$110.00	Labor Total (hours)	Misc. Direct Expense (\$)
1	Project Management										
1.1	General Administration and Schedule Maintenance	Assume 24 months		24	24				24	72	
1.2	Monthly Project Meetings	Assume 24 months	6	24	24					54	
1.3	City & Developer Status Meeting	Up to 5 meetings	5	10	10					25	
1.4	City Council Meetings	1 meeting		3	3					6	
1.5	Invoicing and Progress Reports	Assume 24 months		12	12			24		48	
1.6	Preparation of Meeting Minutes	Up to 29 meetings			29					29	
										0	
										0	
	Task Total (Hours		11	73	102	0	0	24	24	234	
	Task Total (Dollars)	\$3,575	\$19,345	\$22,950	\$0	\$0	\$3,000	\$2,640	\$51,510.00	\$0.00
6	Preliminary 30% Schematic Design										
6.1	Update typical section	Pfluger Farm		1	2	4				7	
6.2	Update roadway geometrics	Pfluger Farm		4	8	12	16			40	
6.3	Prepare updated 30% roll plot	Pfluger Farm			2	6	12			20	
6.4	Prepare updated OPCC	Pfluger Farm		1	2	4				7	
										0	
	Task Total (Hours		0	6	14	26	28	0	0	0 74	
	Task Total (Dollars		\$0	\$1,590	\$3,150	\$4,810	\$3,920	\$0	\$0	\$13,470.00	\$0.00
8	Final Roadway			Ψ1,570	ψ5,150	ψ1,010	ψ3,720	40	ψō	ψ10,170100	40100
8.1	Update plan and profile sheets	Pfluger Farm Lane		4	6	12				22	
8.2	Update typical section sheet	Pfluger Farm Lane		1	2	4				7	
8.3	Prepare Roundabout intersection detail	Pfluger Farm Lane	1	2	8	16				27	
8.4	Prepare Roundabout grading detail	Pfluger Farm Lane	1	2	8	16				27	
8.5	Project Manual	Right Turn Lane Package		2	4	8				14	
8.6	Project Manual	Pfluger Farm Lane		2	6	12				20	
										0	
	Task Total (Hours		2	13	34	68	0	0	0	117	
	Task Total (Dollars		\$650	\$3,445	\$7,650	\$12,580	\$0	\$0	\$0	\$24,325.00	\$0.00

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ADDENDUM TO ATTACHMENT B SUPPLEMENTAL AGREEMENT #6

Project Name: Pfluger Farm Lane

Prepared By: Kimley-Horn and Associates, Inc.

			Direct Labor (Person-Hours)								
Task # Subtask Number	Task Name Subtask Name/Description	Assumptions	Senior Prof II	Senior Prof	Prof	Analyst	CADD	Project Controller	Admin	Labor Total	Misc Direc Expen
rumber			\$325.00	265.00	225.00	185.00	140.00	125.00	\$110.00	(hours)	(\$)
9	Final Drainage Design										
9.1	Prepare updated run-off calculations	Pfluger Farm Lane			6	8				14	
9.2	Prepare updated storm drain calculations	Pfluger Farm Lane			6	8				14	
										0	
	Task Total (Hours)		0	0	12	16	0	0	0	28	
	Task Total (Dollars)		\$0	\$0	\$1,980	\$2,320	\$0	\$0	\$0	\$4,300.00	\$0.0
10	Final Traffic										
10.1	Update signing and pavement marking sheets	Pfluger Farm Lane		2	8	16				26	
										0	
	Task Total (Hours)		0	2	8	16	0	0	0	26	
	Task Total (Dollars)		\$0	\$530	\$1,800	\$2,960	\$0	\$0	\$0	\$5,290.00	\$0.0
13	Utility Relocation Design										
13.1	Manville Coordination and meeting			4	4					8	
13.2	12-inch waterline plan and profile			3	8	24				35	
13.3	Waterline custom details sheet and standard details			1	4	10				15	
13.4	Prepare Specifications and notes		1	1	2	4				8	
13.5	Review comments and updated design		1	2	4	8				15	
	QAQC			4	4					8	
	The Late of La									0	
	Task Total (Hours)		2	15	26	46	0	0	0	89	
	Task Total (Dollars)		\$650	\$3,975	\$5,850	\$8,510	\$0	\$0	\$0	\$18,985.00	\$0.0
14	Bidding Phase	ng F t		1						0	
14.1	Assist with Agenda and Attend Pre-Bid Meeting	Pfluger Farm Lane	1	4	4	0				8	
14.2	Respond to Bidder Questions Prepare Addenda	Pfluger Farm Lane Pfluger Farm Lane	1	2 2	6	8 12		 		15 21	
14.3	Evaluate Bids and Qualifications	Pfluger Farm Lane	1	2	4	6		}		13	
14.4	Prepare recommendation letter	Pfluger Farm Lane Pfluger Farm Lane	1	2	4	0		+		6	
14.5	Assist determining devleoper participation	Pfluger Farm Lane		2	4	6		 		12	
14.0	r issist determining devicoper participation	1 mager 1 arm Lane			7	U				12	
	Task Total (Hours)		3	14	26	32	0	0	0	75	
	Task Total (Dollars)		\$975	\$3,710	\$5,850	\$5,920	\$0	\$0	\$0	\$16,455.00	\$0.0

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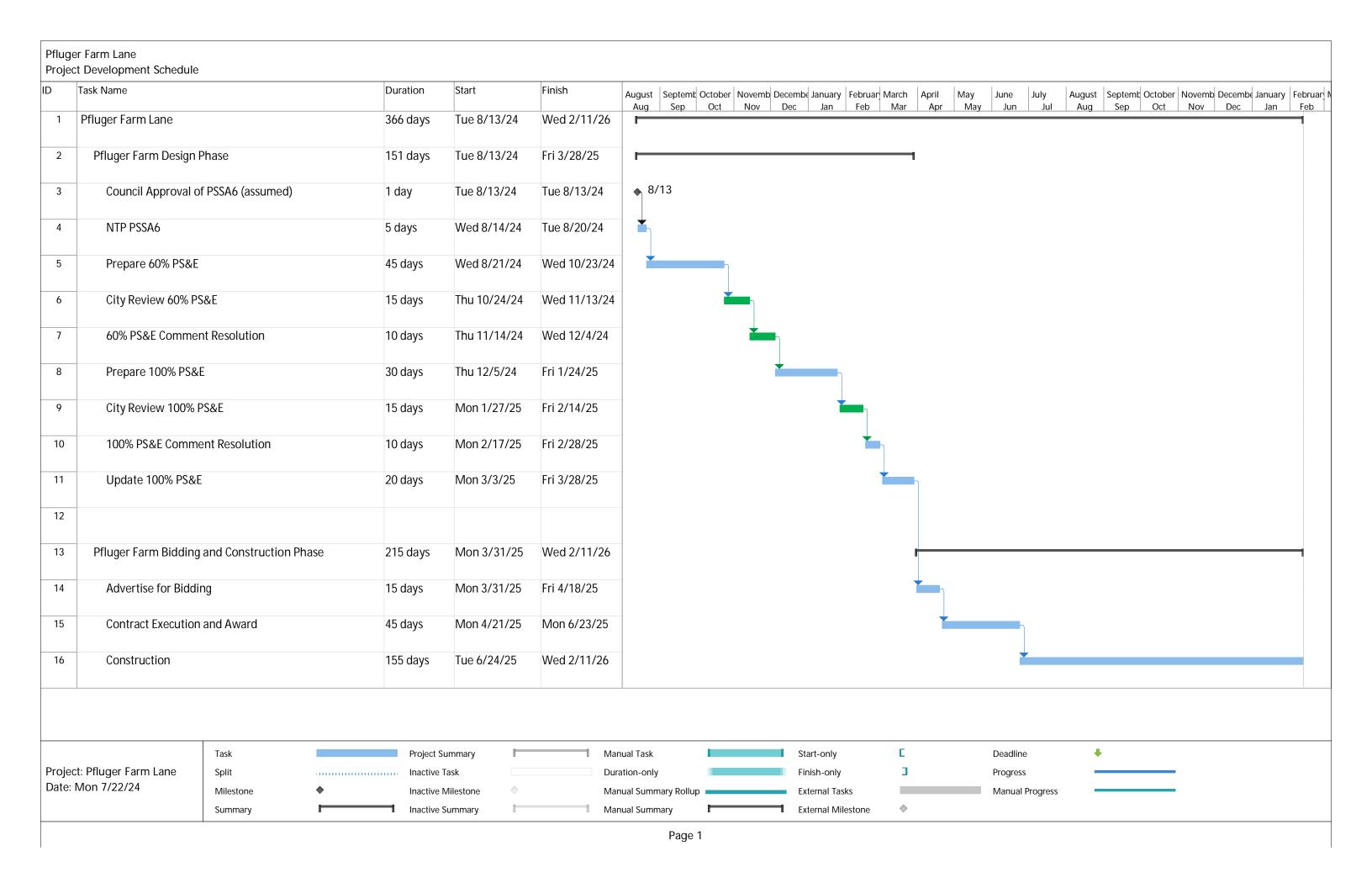
ADDENDUM TO ATTACHMENT B SUPPLEMENTAL AGREEMENT #6

Project Name: Pfluger Farm Lane

Prepared By: Kimley-Horn and Associates, Inc.

			Direct Labor (Person-Hours)								
Task # Subtask Number	Task Name Subtask Name/Description	Assumptions	Senior Prof II	Senior Prof I	Prof	Analyst	CADD	Project Controller	Admin	Labor Total	Misc. Direct Expens
	la da m		\$325.00	265.00	225.00	185.00	140.00	125.00	\$110.00	(hours)	(\$)
15	Construction Phase	DO F. I	+							0	¢1 000 (
15.1	Altura Fee	Pfluger Farm Lane	_					 		0	\$1,800.0 \$90.00
15.2	5% sub mark up Intertek Fee	Pfluger Farm Lane	_					 		0	\$90.00
13.2	5% sub mark up	Fluger Farm Lane	+							0	\$1,146.4
15.3	Sub Coordination	Pfluger Farm Lane	+	4	4					8	\$1,140.4
15.4	Pre-Con Meeting	1 meeting - Pfluger Farm Lane	+	3	3					6	
15.5	Weekly Construction Status Meetings	26 meetings - Pfluger Farm Lane	8	26		26				60	
15.6	Respond to up to 10 RFIs	Pfluger Farm Lane	2	10	10	20				42	
15.7	Develop up to 5 revised sheets	Pfluger Farm Lane Pfluger Farm Lane	2	5	10	20	25			61	
15.8	Review up to 3 Change Orders	Pfluger Farm Lane Pfluger Farm Lane	1 1	6	12	20	23	 	 	19	
15.9	Review up to 10 Shop Drawings	Pfluger Farm Lane Pfluger Farm Lane	1	5	10	20		 	 	35	
15.10	Review Monthly Pay Applications	Pfluger Farm Lane	+	6	10	6				12	
15.11	Attend up to 2 field meetings with the Contractor	Pfluger Farm Lane	+	6	6	0				12	
15.12	Perform Substantial Completion Walk-through/Develop Punch List	Pfluger Farm Lane	+	3	3	3				9	
15.13	Perform final site visit to confirm Punch List	Pfluger Farm Lane	+	3	3	3				6	
15.14	Assemble Project Close Out	Pfluger Farm Lane	+	3	6					9	
	Task Total (Hours Task Total (Dollars		12 \$3,900	80 \$21,200	67 \$15,075	95 \$17,575	25 \$3,500	0 \$0	0 \$0	270 \$61,250.00	\$25,965.
	Reimbursable Expenses										1
	Mileage	meetings, site visits (225 miles at \$0.655)									\$147.3
	Overnight Mail	Project Manual docs, plans									\$150.0
	Task Total (Dollars										\$297.3
			1						1		ψ <u>2</u> 5715
	KIMLEY-HORN TOTAL (Hours		18	123	222	204	28	24	24	643	
	KIMLEY-HORN TOTAL (Dollars		\$5,850	\$32,595	\$49,230	\$37,100	\$3,920	\$3,000	\$2,640	\$195,585.00	
	SUBCONSULTANT (Altura	SUBCONSULTANT (Altura)						\$1,800.00			
	SUBCONSULTANT (Intertek)						\$22,929.00				
	REIUMBURSABLE EXPENSES (KH)								\$297.38	
	Prime Provider Mark U _I)						-		\$1,236.45	
	GRAND TOTAL	,								\$221,847.83	

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July 23, 2024

Kimley-Horn

10814 Jollyville Road Austin, TX 78759

Attn: Mr. Sam Lundquist Phone: (512) 418-1771

Email: sam.lundquist@kimley-horn.com

Re: Construction Materials Testing and Observation Proposal

Pfluger Farm Lane Pflugerville, TX

PSI Proposal No.: 0301- 429356 Rev1

Dear Mr. Lundquist:

Professional Service Industries, Inc. (PSI) is pleased to submit the following proposal to perform Construction Materials Testing and Observation Services for the **Pfluger Farm Lane project in Pflugerville, Texas**. We understand our scope of work is limited to material testing and observation on a call out as needed basis.

PSI has the technical capabilities, personnel and equipment resources, and local expertise to provide you with superior testing and observation services. We are consistently ranked by Engineering News Record magazine as one of the nation's largest consulting engineering firms and PSI is considered the leading firm of our type in the engineering and construction industry. PSI has licensed, registered, and certified professionals, and offers the comfort of using one of America's largest and respected engineering companies.

PSI proposes to provide experienced, technical personnel to perform testing services as requested in general accordance with project specifications. We propose to accomplish the work on a unit fee basis in accordance with the unit rates provided herein and our work will be performed pursuant to the PSI General Conditions which are incorporated herein and made a part of this proposal. PSI's fees will be determined by the actual amount of technical time and materials expended on the project and the amount of laboratory testing performed. Our proposed services are for the typical Quality Assurance Services and do not include "Special Inspections."

Please note that the fees for our services are directly related to the contractor's schedule, the quantity of service requests, the quantity and frequency of failed tests / retests, construction delays and other issues outside the control of PSI. We will work with your firm in order to control the budget for our services; however, invoices will be based on your scheduling and service requests.

Construction Hive™ is the primary report distribution platform used by PSI to provide a better experience to our clients. You will have 24hour access to your reports on this website from any internet enabled device with a web browser. Construction Hive™ has powerful report viewing, retrieval and searching capabilities that allow you to find the information you are looking for faster and with greater ease. An additional fee may be assessed if a different method of report distribution is requested.

This proposal includes our services to observe, test and report on the construction activities listed below. Please note that our services will be performed on an intermittent, call-out, as requested basis. This proposal does not include full time or continuous on-site observation services. Scheduling will be the responsibility of our client's designated representative. Requests for services must be coordinated prior to the close of the business day preceding the requested activity. A technician overtime rate or a project management fee may be assessed to provide services without adequate notification.

We will commence work upon receipt of a fully executed copy of this proposal in its entirety including PSI General Conditions. Please be sure to fill out the attached Project Data Sheet for timely distribution of reports.

We look forward to providing our services during construction of the above referenced project. Please do not hesitate to contact our office with any questions or concerns.

Respectfully submitted,

Professional Service Industries, Inc.

Darshan S. Vora

Darshan S. Vora

Senior Project Manager

Justin R. Castro Department Manager

Attachments: Anticipated Construction Materials Testing Services

Proposed Scope of Work, Assumption, and Basis for Estimate

Schedule of Services and Fees

PSI General Notes Project Data Sheet

Invoice Requirements							
Your Purchase Order No.:							
Billing E-mail Address*							
Billing Add	dress	Mailing Address (if different)					



^{&#}x27;*' = required

Anticipated Construction Materials Testing Services

Project: Pfluger Farm Lane - Pflugerville, Texas

	Unit	Quantity	Unit Price	Item Total
Earthwork Testing and Observation				
Paving Subgrade				
Senior Engineering Technician (In-place Density Testing)	Per Hour	50	\$65.00	\$3,250.00
Laboratory Moisture Density Relationship (Standard / Modified)	Each	2	\$203.00	\$406.00
Atterberg Limit Determination	Each	2	\$71.00	\$142.00
Sieve Analysis	Each	2	\$44.00	\$88.00
Percent Passing No. 200 Sieve	Each	2	\$60.00	\$120.00
Unified Soil Classification	Each	2	\$28.00	\$56.00
Sample Preparation	Each	2	\$71.00	\$142.00
Soil Sample Retrieval	Per Trip	1	\$275.00	\$275.00
Nuclear Density Gauge	Per Trip	10	\$45.00	\$450.00
Transportation Charge	Per Trip	10	\$75.00	\$750.00
Report Review	Each	12	\$40.00	\$480.00
	Sub-Total			\$6,159.00
Utility Trench Backfill				
Senior Engineering Technician (In-place Density Testing)	Per Hour	25	\$65.00	\$1,625.00
Nuclear Density Gauge	Per Trip	5	\$45.00	\$225.00
Transportation Charge	Per Trip	5	\$75.00	\$375.00
Report Review	Each	5	\$40.00	\$200.00
	Sub-Total			\$2,425.00
Earthwork Testing and	Observation Estimate			\$8,584.00
Reinforcing Steel Observation				
Cast-In-Place Concrete Reinforcing Steel Observation				
Senior Engineering Technician	Per Hour	25	\$65.00	\$1,625.00
Transportation Charge	Per Trip	5	\$75.00	\$375.00
Report Review	Each	5	\$40.00	\$200.00
	Sub-Total			\$2,200.00
Reinforcing Steel	Observation Estimate			\$2,200.00



Concrete Paving				
Engineering Technician (Concrete Sampling and Testing)	Per Hour	32	\$60.00	\$1,920.00
Concrete Cylinders (Cured and/or Tested in Compression)	Each	60	\$25.00	\$1,500.0
Concrete Specimen Retrieval	Per Trip	4	\$275.00	\$1,100.0
Equipment Charge	Per Trip	4	\$45.00	\$180.0
Transportation Charge	Per Trip	4	\$75.00	\$300.0
Report Review	Each	16	\$40.00	\$640.0
	Sub-Total			\$5,640.0
Miscellaneous Concrete (Sidewalks, etc.)				
Engineering Technician (Concrete Sampling and Testing)	Per Hour	25	\$60.00	\$1,500.0
Concrete Cylinders (Cured and/or Tested in Compression)	Each	50	\$25.00	\$1,250.0
Concrete Specimen Retrieval	Per Trip	5	\$275.00	\$1,375.0
Equipment Charge	Per Trip	5	\$45.00	\$225.0
Transportation Charge	Per Trip	5	\$75.00	\$375.0
Report Review	Each	15	\$40.00	\$600.0
	Sub-Total			\$5,325.00
Concrete Testing ar	nd Observation Estimate			\$10,965.00
Engineering & Technical Services				
Administrative and Technical Services				
Project Manager	Per Hour	8	\$110.00	\$880.0
Project Set-up	Each	1	\$300.00	\$300.0
	Sub-Total			\$1,180.0
Engineering & Tech	nnical Services Estimate			\$1,180.0



P	ROPOSED SCOPE OF WORK, ASSUMPTIONS, AND BASIS FOR ESTIMATE
	1. PSI did have a set of schematic drawings during preparation of this estimate.
	2. PSI did not have a set of project specifications during preparation of this
	estimate.
	3. PSI did not have a detailed construction schedule during preparation of this
	estimate.
	4. Documents provided to PSI: Project Documents obtained via email from Mr. Sam
	Lundquist on 06/27/2024.
CONSTRUCTION	5. PSI will provide reports of tests and observations with reference to the
DOCUMENTS	requirements of the plans, specification and geotechnical report referenced
	above. PSI is not providing the role of geotechnical engineer of record. PSI
	accepts no liability or responsibility for any errors or omissions in the original
	geotechnical report. PSI's work shall be limited to observing and testing for
	compliance with the recommendations made in that report. In the event that at
	any time there are determined to be defects in the original report, client agrees
	to look solely to the original geotechnical engineer for damages arising out of the
	report, and agrees to indemnify PSI for any claims arising out of that report.
	1. In-place moisture density gauge testing for structural areas estimated at 1 test
	per lift per 2,500 sqft,
	2. In-place moisture density gauge testing for utilities estimated at 1 test per 150 LF
	per 1 foot lift.
	3. In-place moisture density gauge testing for paving areas estimated at 1 test per
	lift per 10,000 sqft.
	4. Provide a soils engineering technician to perform periodic field in-place density
EARTHWORK	and moisture content testing by the nuclear method (shallow depth).
L, III TOTAL	5. PSI anticipates 2 visit for proofrolling and subgrade testing operations for the
	building pad area.
	6. PSI anticipates 8 visits averaging 5 hours each for density testing in the paving
	and approach areas.
	7. PSI anticipates approximately 5 visits averaging 5 hours each for utility trench
	backfill testing. 8. Additional site visits and/or laboratory tests or excessive failing tests which may
	require retests, if required, may increase fees.
DRILLED PIER	Not included; pricing for services related to this scope of work can be provided upon
and/or	request.
SHALLOW	request.
FOUNDATION	
POST-	1. Not included; pricing for services related to this scope of work can be provided upon
TENSIONED	request.
SLAB	. equesti
523	1. Provide an on-site inspector to perform periodic field observation of the cast-in-
	place reinforcing steel placement of the structural and pavement concrete
CAST-IN-PLACE	members for size, grade of steel, location, securement and clearance of
REINFORCING	reinforcing steel bars to forms and/or earthwork.
STEEL	2. PSI assumes some of the reinforcing steel inspections can be performed while we
	are on the site for other work.
ADHESIVE /	1. Not included; pricing for services related to this scope of work can be provided upon
MECHANICAL	request.
ANCHORS	



CONCRETE	 Assumed to cast 1 set of 5, 4 inch by 8 inch concrete test cylinders for every 50 cubic yards of structural concrete or daily fraction thereof and/or for every 100 cubic yards of pavement concrete or fraction thereof. Provide an on-site inspector to perform continuous observation of structural concrete placements for placement techniques and field plastic concrete testing (ambient air temperature, concrete temperature, slump, air content) and casting of compressive strength test specimens. Periodic observation during concrete placement for use of approved (by others) concrete mix design. During large quantity structural concrete placements, additional inspector (additionally invoiced at unit rates herein) may be stationed at the pump to confirm the use of the approved (by others) concrete mix design, perform plastic concrete testing and casting of compressive strength test specimens. Provide a concrete engineering technician to perform periodic field plastic concrete testing (ambient air temperature, concrete temperature, slump, air content) and casting of compressive strength test specimens for pavement and
	non-structural concrete placements. 1. Not included; pricing for services related to this scope of work can be provided upon
MASONRY	request.
ASPHALT	 Not included; pricing for services related to this scope of work can be provided upon request.
STRUCTURAL STEEL	Not included; pricing for services related to this scope of work can be provided upon request.
FIREPROOFING	request. 1. Not included; pricing for services related to this scope of work can be provided upon
AND/OR	request.
FIRESTOPPING	request.
ROOFING	1. Not included; pricing for services related to this scope of work can be provided upon request.
WEATHER	1. Not included; pricing for services related to this scope of work can be provided upon
RESISTIVE	request.
BARRIER	





SCHEDULE OF SERVICES AND FEES

Construction Services – Austin, TX

Effective January 1st, 2024

1263

SOILS

Laboratory testing of soils, delivered to our laboratory, in accordance with ASTM or AASHTO procedures and project specifications.

Moisture/Density Relationship of Soil (Proctor Test):

Wellstare Berietty Ttelation of the Coll (1 100tor 100ty).			
a. ASTM D-698 (Standard)	.Each	\$ 203.00	
b. ASTM D-1557 (Modified)	.Each	\$ 203.00	
d. TEX-113-E (Base Materials)	.Each	\$ 203.00	
c. TEX-114-E (Subgrade, Embankment, Backfill Materials)	. Each	\$ 203.00	
Atterberg Limits Determination (PI)	. Each	\$ 71.00	
Sieve Analysis	Each	\$ 44.00	
Sample Preparation	Each	\$ 71.00	
Soil Classification	Each	\$ 28.00	
Number 200 Wash	Each	\$ 60.00	
Laboratory Lime Series	Each	\$ 310.00	
Comprehensive Moisture/Density Relationship of Soil, Atterberg Limits, Sieve Analysis, Material Finer Than #220 Sieve, Unified Soil Classification, Sample			
Preparation	Each	\$ 477.00	

CONCRETE and AGGREGATES

Laboratory testing of concrete, grout, mortar and aggregates, delivered to our laboratory, in accordance with ASTM procedures and project specifications.

Concrete Cylinders (Cured and/or Tested in Compression) Ea	ach \$	25.00
Trimming of Cylinders for ASTM Procedure (Contractor Made Only) Ea	ach \$	35.00
Concrete Beams (Cured and/or Tested in Flexure) Ea	ach \$	50.00
Concrete Cores (Trim, Cap and Compressive Strength) Ea	ach \$	55.00
Laboratory Length Determination of Concrete Cores Ea	ach \$	18.00
Sieve Analysis of Coarse Aggregates Ea	ach \$	93.00
Sieve Analysis of Fine Aggregates Ea	ach \$	93.00

ASPHALT

Laboratory testing of asphaltic samples delivered to our laboratory, in accordance with ASTM procedures and project specifications

Extraction and Gradation Each	\$ 295.00
Density and Thickness of Field Cores	\$ 100.00
Maximum Theoretical Specific Gravity (Rice Method) Each	\$ 145.00

MASONRY

Laboratory testing of masonry samples delivered to our laboratory, in accordance with ASTM Procedures and project specifications

Grout Prisms (Cured and/or Tested in Compression) Each	า \$	25.00
Mortar Cubes (Cured and/or Tested in Compression) Each	า \$	25.00



FIELD TESTING AND OBSERVATION SERVICES

Senior Level Engineering Technician (4 Hour Minimum) (To perform field testing for soil, reinforcing steel observations, proof rolling, drilled pier, foundations, and asphalt observations)
Structural Steel Technician (4 Hour Minimum) (To perform visual weld observation, bolting inspection, shear stud verification, NDE of welds, and fabrication shop observation)Per Hour \$ 100.00
Facilities Inspector (4 Hour Minimum) (Building envelope consulting and testing)Per Hour \$ 100.00
Laboratory Technician (To perform testing that is not listed in fee schedule)Per Hour \$ 60.00
Professional Engineer (Site visits, consultation, special reports)Per Hour \$ 165.00
MANAGEMENT/TECHNICAL SERVICES
Report Review Each \$ 40.00
Management services for contract administration,
scheduling/supervision of personnel
Report of Required Special Inspections
Project Setup Fee
<u>EQUIPMENT</u>
Nuclear Density GaugePer Trip \$ 45.00
Concrete Equipment Charge
UT Equipment Charge Per Trip \$ 100.00
Lime depth checks/field gradations Each \$ 25.00
Floor vapor emission test kits Per Kit \$ 44.00
Coring Machine and Generator
Core hole patching
Floor Flatness
Cylinder Pickup
Vehicle Trip Charge Per Trip \$ 75.00



PSI General Notes

- 1. Unit prices/rates are in effect for 6 months from the date of this proposal to proposal acceptance and are subject to change without notice thereafter.
- Services not included may be quoted upon request.
- 3. Testing is conducted in general accordance with ASTM procedure and project specifications.
- 4. All rates are billed on a portal to portal basis.
- 5. The minimum billing increment for time is the full hour. All hours will be rounded to the next whole hour.
- 6. A minimum charge of 4 hours applies to field testing and observation services.
- 7. A per diem charge, if applicable, will be charged at a rate of \$165.00 per day.
- 8. Scheduling or cancellation of field testing and observation services is required no less than the working day prior to the date the services are to be performed. Services scheduled same day will be assessed an additional \$150 fee. Services cancelled without advance and/or inadequate notice will be assessed a minimum \$200 fee.
- 9. Charges for retests or field cancellations without notice are not included in this estimate and will be invoiced at the unit rates included herein. The minimum applicable charge for the scheduled service and a trip charge will be applied to on-site field cancellations without a 12-hour notice. All on-site field and/or in-route cancellations for all compaction testing will include Nuclear Gauge charges of \$45.00 along with minimum applicable charges for the scheduled service and trip charges.
- 10. Overtime rates will be applicable for services performed before 7:00am and after 5:00pm, over 8 hours per day Monday through Friday and for all hours worked on Saturdays. The overtime rate will be 1.5 times the applicable unit rate. Services performed on Sundays and Holidays will be invoiced at 2 times the applicable hourly rate. Surcharges for laboratory services during overtime hours or for expedited results may apply (these surcharges will be 1.5 times the applicable unit rate). The minimum billing increment for overtime is the hour.
- 11. Rates involving mileage (including vehicle charge and cylinder/sample pick-up) are subject to change based upon fluctuations in the national average gasoline price. A fuel surcharge may be applied to invoices to offset the increase in fuel prices for a gallon of regular gasoline. Changes may be made at intervals not less than monthly.
- 12. Review charge to schedule, supervise personnel, evaluate and review reports will be billed at \$40.00 per report for all field and laboratory reports.
- 13. Invoices will be billed on a monthly basis. Invoices will be mailed on or about the third business day after the month to which services were rendered.
- 14. Concrete test cylinder sizes will be in general accordance with ASTM C31 and ACI 318.
- 15. ACI 301-10 section 1.6.2.2.d, states that the contractor is responsible for "[providing] space and source of electrical power on the project site for facilities to be used for initial curing of concrete test specimens as required by ASTM C31/C31M, for the sole use of the Owner's quality assurance testing agency." PSI understands the term "space" to mean "an environmentally controlled and secure space" for initial curing in the field, and the contractor is required to provide electricity and security of the space. Accordingly, this proposal does not include provisions or the associated fee for PSI to provide this service. The initial curing box can be provided by PSI at the project site for additional fees which shall include the daily rental cost and associated mobilization cost of the curing box. In the event the curing box is stolen or damaged as the site security is the responsibility of the contractor, PSI shall invoice our client the cost of the same at cost plus 15%.
- 16. The services proposed herein are conventional in nature and do not include any special services that may lessen the risk of conditions that can contribute to moisture, mold or other microbial contaminate amplification in buildings. You may be aware that mold is abundant throughout nature and is comprised of a wide variety of microscopic fungi. Due to its nature, the potential for mold infestations cannot be completely eliminated. However, PSI offers a wide array of professional Moisture, Waterproofing, Roofing and Indoor Air Quality/Mold Consulting services that can help minimize the likelihood of future occurrences. PSI is interested in discussing these service options with you to suit your specific needs and project objectives. If requested, PSI will submit a proposal for these additional services under a separate cover for your review and authorization.
- 17. Subcontractor services will be invoiced at a 15% marked up rate based on the subcontractor cost to PSI.

Project Data Sheet Construction Materials Testing and Observation Services

Project Name:						
Project Physical Address:						
Duningt Manage						
Project Manage	1.					
Mobile No.:						
Site Contact:					•	
Mobile No.:				Fax No.:		
Distribution of Test Reports						
Contact Name		Email Address				
			_			

Report Distribution:

PSI will deliver reports electronically to the client and others listed on the above distribution list. Reports will be posted on a password protected, secure website (Construction Hive) only available to those on the distribution list. If requested, PSI will bundle test reports in pdf format and distribute by email at the rate of \$45.00 per hour for preparation time. If requested, PSI will distribute report copies by mail in accordance with your instruction at the rate of \$0.45 per sheet plus preparation time.





July 23, 2024

Sam Lundquist Kimley-Horn 10814 Jollyville Road, Avallon IV, Suite 200 Austin, Texas 78759

RE: PROWAG Proposal for the City of Pflugerville Pfluger Farm Lane Extension Project

Dear Sam:

This is a proposal for the project registration, plan review, and inspection of the City of Pflugerville Pfluger Farm Lane Extension Project in Pflugerville, Texas for compliance with Chapter 469 of the Texas Government Code, State of Texas Architectural Barriers Act, and TDLR Administrative Rule 68.102.

Altura Solutions proposes to perform the project registration with TDLR, perform the plan review, and inspection for compliance with the State of Texas Architectural Barriers Act. The Public Right-of-Way Accessibility Guidelines (PROWAG) will be used as the standard to achieve compliance for all work located within the Public Right-of-Way.

Feel free to contact me at (512) 410-7059 or at access@alturalp.com to answer any questions or discuss details of the proposal. Thank you for considering Altura Solutions, LLC to meet your accessibility consulting needs. We look forward to working with you on the project.

Sincerely,

Jesús Lardizábal, RAS #1051

Manager

PROJECT SCOPE AND DESCRIPTION

Extension of Pfluger Farm Lane from just northeast of Gladstone Castle Trail to Wilke Lane (SH45 Frontage Road).

SCOPE OF WORK

Altura Solutions proposes to perform the following services in compliance with Chapter 469 of the Texas Government Code, State of Texas Architectural Barriers Act. PROWAG will be used as the standard to determine compliance with TDLR Administrative Rule 68.102. The following elements will be performed by Altura:

- Register the project with TDLR
- Perform plan review of the project construction documents (as provided by client)
- Perform the final inspection of the project upon completion

EXCLUSIONS

The proposal excludes services to determine compliance with other federal, state or local accessibility requirements and accessibility requirements of building and housing codes such as the International Building Code (IBC).

SCHEDULE

Altura Solutions will perform the project registration within three working day of receiving the required documents and registration fee.

Altura Solutions will perform the plan review and provide a report of findings within fifteen working days after receiving all required documents.

Altura Solutions will perform the final inspection and deliver the Inspection Report within fifteen working days of receiving access to the site.

DELIVERABLES

The following items will be produced and delivered by Altura Solutions as part of this project:

- Altura Solutions will provide proof of project registration via the TDLR Proof of Registration Sheet.
- Altura Solutions will provide the Plan Review Report detailing the non-compliant findings of the project in the construction documents.
- Altura Solutions will provide the Inspection Report detailing the findings of the final inspection of the built project.

CONSULTING FEE AND INVOICING

The following fees are proposed for the services outlined in this proposal:

- Project Registration (includes TDLR's required registration fee).....\$300.00
- Plan Review Report (included in PSSA #2 Altura Proj. #23-072).....\$0.00
- Inspection Report......\$1,500.00

The total proposed consulting fee under this agreement is one thousand eight hundred dollars and zero cents (\$1,800.00).

To initiate services, the following items must be provided:

- Signed agreement
- Completed Project Registration and Proof of Submission forms
- A set of construction documents

The fees listed above are limited to one plan review and one hour of technical assistance/consulting, and one final inspection. Preliminary reviews, plan review revisions, meetings, site visits, re-inspections, and additional consulting will be considered additional services and will be billed in addition to the contract amount above. This consulting rate is \$195 per hour and \$250 for site visits. Plan Review fees are valid for six months from date of proposal and inspection fees are valid for twelve months from original estimated completion date, after which Altura Solutions reserves the right to propose an increased fee.

Altura Solutions, LLC	Client:		
By:	By:		
Print Name: <u>Jesús Lardizábal</u>	Print Name:		
Title: Manager	Title:		
Date:	Date:		