

**EXHIBIT  
"A"**

[illegible]

**SUPPLEMENTAL CONTRACT NO. 1  
TO CONTRACT FOR ENGINEERING SERVICES**

**FIRM:** KIMLEY-HORN AND ASSOCIATES (“Engineer”)  
**ADDRESS:** 10814 Jollyville Road, Building 4, Suite 200, Austin, TX 78759  
**PROJECT:** Harrell Parkway Reconstruction

This Supplemental Contract No. 1 to Contract for Engineering Services is made by and between the City of Round Rock, Texas, hereinafter called the “City” and Kimley-Horn and Associates, hereinafter called the “Engineer.”

**WHEREAS**, the City and Engineer executed a Contract for Engineering Services, hereinafter called the “Contract,” on the 22nd day of June, 2023 for the Harrell Parkway Reconstruction Project in the amount of \$654,760.00; and

**WHEREAS**, it has become necessary to amend the Contract to modify the provisions for the scope of services and to increase the compensation by \$101,343.57 to a total of \$756,103.57;

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

I.

Article 2, Engineering Services and Exhibit B, Engineering Services shall be amended as set forth in the attached Addendum to Exhibit B.

## II.

Article 4, Compensation and Exhibit D, Fee Schedule shall be amended by increasing by \$101,343.57 the lump sum amount payable under the Contract for a total of \$756,103.57, as shown by the attached Addendum to Exhibit D.

**IN WITNESS WHEREOF**, the City and the Engineer have executed this Supplemental Contract in duplicate.

*[signature pages follow]*

**KIMLEY-HORN AND ASSOCIATES**

By:   
Brian Boecker, Senior Vice President

8/15/2023  
**Date**

**CITY OF ROUND ROCK**

**APPROVED AS TO FORM:**

**By:** \_\_\_\_\_  
**Craig Morgan, Mayor**

\_\_\_\_\_  
**Stephanie L. Sandre, City Attorney**

\_\_\_\_\_  
**Date**

## **ADDENDUM TO EXHIBIT B Engineering Services**

City: **Round Rock, Texas**

Location(s): **Old Settlers Park**

Project: **Harrell Parkway Improvements Supplemental Agreement No. 1**

### **PROJECT UNDERSTANDING**

Kimley-Horn (the “Engineer”) will provide additional professional services for a new roadway connection between Harrell Parkway and Kenny Fort Boulevard, reconstruction of Sports Capital Crossing to tie into the revised alignment of Harrell Parkway, a paved parking lot adjacent to Harrell Parkway at the pedestrian crossing, and two (2) multi-purpose fields adjacent to the pedestrian crossing at Harrell Parkway. Improvements will consist of preliminary roadway design, preliminary site development for the parking lot and multi-purpose fields, drainage analysis, environmental, geotechnical, and public involvement support services. The Engineer will incorporate improvements into the preliminary schematic roll plot as part of the original scope for Harrell Parkway.

### **SCOPE OF SERVICES**

Kimley-Horn will provide the services specifically set forth below.

#### **Task 1 – Project Management**

- a) The Engineer will update the project schedule and work plan for executing the project scope of services.

Task Deliverables:

- i. Updated Project Development Schedule

#### **Task 2 – Design Survey**

*Additional survey needed for additional scope will be provided by the City.*

#### **Task 3 – Environmental Documentation**

The environmental documentation will be updated to include new roadway connection between Harrell Parkway and Kenny Fort Boulevard, the reconstruction of Sports Capital Crossing, the paved parking lot, and the multi-purpose fields.

#### **Task 4 – Geotechnical Engineering**

The Engineer will contract with Beyond Engineering and Testing (BEYOND) to conduct geotechnical studies within the corridor. BEYOND’s scope of services consist of:

- a) One pavement boring previously planned along Harrell Parkway has been repurposed to be drilled for the connection road between Harrell Parkway and Kenny Fort Blvd. The boring will be drilled to a depth of 15 feet. The pavement boring will be used to develop pavement layer thickness design for the new road.

- b) One pavement boring previously planned along Harrell Parkway has been repurposed to be drilled within the proposed parking lot/multipurpose field area. The boring will be used to provide pavement section thickness recommendations for the parking lot, subgrade preparation recommendations for the multipurpose sport fields and drilled pier foundation recommendations for the sport lighting.

The following deliverables will be updated to include the new roadway connection between Harrell Parkway and Kenny Fort Boulevard, the paved parking lot, and the multi-purpose fields:

- i. Draft and final geotech report

### **Task 5 – Concepts and Alternatives Evaluation**

*No additional scope required for this task.*

### **Task 6 – Preliminary 30% Schematic Design**

- a) The Engineer will establish horizontal geometry and develop horizontal geometrics for the following:
  - New roadway connection between Harrell Parkway and Kenny Fort Boulevard, approximately 700-ft
  - Reconstruction of Sports Capital Crossing to tie into the revised alignment of Harrell Parkway
- b) The Engineer will evaluate and design vertical profile utilizing Microstation V8i and Geopak roadway design software for the following:
  - New roadway connection between Harrell Parkway and Kenny Fort Boulevard, approximately 700-ft
  - Reconstruction of Sports Capital Crossing to tie into the revised alignment of Harrell Parkway
- c) The Engineer will develop a basic 3D corridor model and cross sections at no greater than 100-foot intervals to determine roadway grading limits for the new connection between Harrell Parkway and Kenny Fort Boulevard and the reconstruction of Sports Capital Crossing.
- d) The Engineer will prepare proposed typical sections to be included on the preliminary schematic roll plot for the new roadway connection between Harrell Parkway and Kenny Fort Boulevard and Sports Capital Crossing.
- e) The Engineer will incorporate the following in the preliminary design schematic for the new connection between Harrell Parkway and Kenny Fort Boulevard, reconstruction of Sports Capital Crossing, the paved parking lot, and multi-purpose fields:
  - existing topography and utilities
  - horizontal alignments
  - vertical profile design
  - proposed pavement edges
  - proposed sidewalks
  - intersection improvements
  - culvert improvements
  - proposed lane striping

- f) The Engineer will update preliminary Opinion of Probable Construction Cost to include the new roadway connection between Harrell Parkway and Kenny Fort Boulevard and reconstruction of Sports Capital Crossing.
- g) The Engineer will perform Quality Control/Quality Assurance on each schematic deliverable.
- h) Incorporate comments regarding the new roadway connection between Harrell Parkway and Kenny Fort Boulevard and reconstruction of Sports Capital Crossing in the comment response matrix.

The following deliverables will be updated to include the new roadway connection between Harrell Parkway and Kenny Fort Boulevard and the reconstruction of Sports Capital Crossing:

- i. Draft and final 30% schematic roll plots
- ii. Draft and final 30% Opinion of Probable Construction Cost
- iii. Preliminary cross sections at draft and final submittals for the new roadway connection between Harrell Parkway and Kenny Fort Boulevard
- iv. Traffic control plan narrative and phasing diagram

#### **Task 7 – Drainage Study and Report**

Drainage study: the Engineer will perform an overall drainage analysis of the existing conditions vs proposed conditions in order to develop the schematic design for the new roadway connection between Harrell Parkway and Kenny Fort Boulevard, the reconstruction of Sports Capital Crossing, the paved parking lot and multi-purpose fields. The Engineer's analysis will consist of:

- a) Prepare drainage design criteria for culverts and ditches
- b) Data Collection: obtain terrain, survey, and as-built plans
- c) Culvert (non-FEMA crossings) for the new culvert crossing along the new roadway connection between Harrell Parkway and Kenny Fort Boulevard and the driveway culvert on Sports Capital Crossing
  - o Perform Hydrology
    - Define methodology
    - Delineate external drainage areas
    - Determine time of concentration and other drainage area parameters
    - Determine existing and future land use conditions
  - o Perform Hydraulics
    - Develop proposed conditions HY-8 model
- d) Preliminary Ditch Analysis along the new roadway connection between Harrell Parkway and Kenny Fort Boulevard and the reconstruction of Sports Capital Crossing
  - o The Engineer will produce interior drainage areas
  - o The Engineer will determine preliminary ditch size needs for schematic
- e) Existing Pond Analysis and Detention Pond Sizing/Location
 

The proposed paved parking lot and multi-purpose fields will cover up an existing detention pond. The Engineer will perform:

  - o Existing Analysis
    - Define methodology
    - Delineate external drainage areas
    - Determine time of concentration and other hydrologic parameters

- Determine existing and future land use conditions
- Determine detention effect of the existing detention pond.
- Proposed Analysis
  - Revise drainage areas, land use conditions, and hydrologic parameters to determine the impacts of the proposed parking lot and removal of the existing detention pond.
  - Determine volume and size needed to detain runoff created by the proposed paved parking lot and compensatory storage for the existing detention pond to be removed.
- Evaluate potential Detention Pond Location
  - Engineer will identify up to 1 detention pond location and prepare a conceptual exhibit (plan view only) of potential detention pond and channel locations.
  - Engineer assumes a detention pond will be designed by others to detain the additional runoff created by the overall park project. The detention pond volumes determined in the “Proposed Analysis” above will need to be incorporated into the design of the detention pond for the overall park project performed by others.
- f) Drainage Report: The Engineer will incorporate a summary showing results of the paved parking lot, new connection between Harrell Parkway and Kenny Fort Boulevard and reconstruction of Sports Capital Crossing hydrology and hydraulics into the drainage report. The report will also include the calculations and results from the above detention pond analysis.

The following deliverable will be updated to include the paved parking lot, new roadway connection between Harrell Parkway and Kenny Fort Boulevard, the reconstruction of Sports Capital Crossing, and detention pond analysis:

- i. Drainage report

#### **Task 8 – Public Involvement**

- a) *No additional scope required for this task.*

#### **Task 9 – Parking Lot and Multi-Purpose Fields**

- a) Preparation of schematic plans (30% Construction Documents) and sections for the soccer fields, lighting, parking lot and site development. The plans will illustrate basic layout, schematic grading, and conceptual irrigation layout.
- b) Provide an opinion of probable cost for the soccer fields, parking lot, lighting, and site development and answer questions regarding estimated cost data.
- c) Incorporate comments received from the City for the paved parking lot and multi-purpose fields in the comment response matrix.
- d) The Engineer will perform Quality Control/Quality Assurance on each schematic deliverable.

Task Deliverables:

- i. Provide One (1) 30% Parking Lot and Soccer Field Schematic Design Package (Electronic)
- ii. One (1) Combined Opinion of Probable Cost

**Services not included:**

Any services not specifically provided for in the above scope will be billed as additional services and performed at our then current hourly rates. Additional services we can provide include, but are not limited to, the following:

- a) Additional survey for the new connection between Harrell Parkway and Kenny Fort Boulevard, the paved parking lot, and multi-purpose fields.
- b) Detention pond analysis to detain overall park project.
- c) Final design, bidding, and construction phase services
- d) Subsurface Utility Engineering outside of what has been defined in original scope.
- e) City-Owned or Franchise Utility Design
- f) Landscaping or streetscaping design or schematics
- g) Tree mitigation or irrigation services
- h) Expenses for advertising or holding public meeting
- i) Detailed Historical or Archeological surveys or reconnaissance
- j) Changes to environmental documents required by updates to Environmental Protection Agency (EPA) or USACE guidance
- k) Legal Representation at hearings



**ADDENDUM TO EXHIBIT D**  
**Fee Schedule**

Attached Behind This Page

## Exhibit D - Fee Schedule (Additional Services for New roadway connections, multipurpose fields and parking lots)

Project Name: Harrell Parkway Improvements Preliminary Engineering  
Prepared By: Kimley-Horn and Associates, Inc.

Task # Subtask Number	Task Name Subtask Name/Description	Direct Labor (Person-Hours)							Sub Consultants (\$)	Misc. Direct Expense (\$)
		Assumptions/ Notes	Senior Prof II	Senior Prof I	Prof IV	Analyst	Project Controller	Admin		
			\$300.00	280.00	190.00	170.00	95.00	\$95.00		
								Labor Total (hours)		
<b>1</b>	<b>Project Management</b>									
a	Project Schedule & Work Plan		2	4		2		8		
	Expenses (Printing and Plotting)							0		\$200
	<b>Task Total (Hours)</b>		2	4	0	2	0	8		
	<b>Task Total (Dollars)</b>		\$600	\$1,120	\$0	\$340	\$0	\$0	\$2,060	\$0
<b>2</b>	<b>Design Survey</b>									
								0		
	<b>Task Total (Hours)</b>		0	0	0	0	0	0		
	<b>Task Total (Dollars)</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>3</b>	<b>Environmental Documentation</b>									
a	Environmental Documentation			4	6	12		22		
								0		
	<b>Task Total (Hours)</b>		0	4	6	12	0	22		
	<b>Task Total (Dollars)</b>		\$0	\$1,120	\$1,140	\$2,040	\$0	\$0	\$4,300	\$0
<b>4</b>	<b>Geotechnical Engineering</b>									
	BEYOND fee (refer to detailed fee schedule provided by BEYOND)							0	\$2,642	
	5% Subconsultant Markup							0		\$132
	QA/QC of geotechnical engineering			1	1			2		
								0		
	<b>Task Total (Hours)</b>		0	1	1	0	0	2		
	<b>Task Total (Dollars)</b>		\$0	\$280	\$190	\$0	\$0	\$0	\$470	\$2,642
<b>5</b>	<b>Concepts and Alternatives Evaluation</b>									
								0		
	<b>Task Total (Hours)</b>		0	0	0	0	0	0		
	<b>Task Total (Dollars)</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>6</b>	<b>Preliminary 30% Schematic Design</b>									
a	Horizontal Geometry							0		
	Horizontal Alignment for new connection between Harrell Parkway and Kenny Fort Blvd		2	2	4	4		12		
	Horizontal Alignment for reconstruction of Sports Capital Way			2	2	4		8		
b	Evaluate and Design Vertical Profile							0		
	Vertical Alignment for new connection between Harrell Parkway and Kenny Fort Blvd		2	2	6	10		20		
	Vertical Alignment for reconstruction of Sports Capital Way		2	2	2	4		10		
c	3D Corridor Model		2	6	6	12		26		
c	Cross Sections			4	4	6		14		
d	Proposed Typical Sections			2	2	4		8		
e	30% Preliminary Design Schematic		2	2	6	12		22		
f	Opinion of Probable Construction Cost			2	4	4		10		
g	QA/QC		4	4	2			10		
h	Comment/Response Matrix and Schematic Roll Plot Revisions			1	3	6		10		
								0		
	<b>Task Total (Hours)</b>		14	29	41	66	0	150		
	<b>Task Total (Dollars)</b>		\$4,200	\$8,120	\$7,790	\$11,220	\$0	\$0	\$31,330	\$0
<b>7</b>	<b>Drainage Study and Report</b>									
a	Prepare drainage design criteria memo					2		2		
b	Data Collection (effective studies/models, as-builts)			2		2		4		
c	Culvert Hydrology (rational method) (2 culverts)			2	4	6		12		
c	Culvert Hydraulic (HY-8) analysis proposed (2 culverts)			2	4	8		14		
d	Ditch Internal Drainage Areas			2	2	4		8		
d	Preliminary Ditch Sizing/Analysis			2	2	4		8		
e	Existing Condition Analysis		2	2	8	20		32		
e	Proposed Analysis (Determine Detention Pond Capacity for Parking Lot)			2	6	12		20		
e	Determine Detention Pond and Channel Location		2	2	4	8		16		
f	Drainage Report		2	2	6	12		22		

Project Name: Harrell Parkway Improvements Preliminary Engineering  
 Prepared By: Kimley-Horn and Associates, Inc.

Task # Subtask Number	Task Name Subtask Name/Description	Assumptions/ Notes	Direct Labor (Person-Hours)							Sub Consultants (\$)	Misc. Direct Expense (\$)
			Senior Prof II	Senior Prof I	Prof IV	Analyst	Project Controller	Admin	Labor Total		
			\$300.00	280.00	190.00	170.00	95.00	\$95.00	(hours)		
	Task Total (Hours)		6	18	36	78	0	0	138		
	Task Total (Dollars)		\$1,800	\$5,040	\$6,840	\$13,260	\$0	\$0	\$26,940	\$0	\$0
8	Public Involvement								0		
									0		
	Task Total (Hours)		0	0	0	0	0	0	0		
	Task Total (Dollars)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Parking Lot and Multi-Purpose Fields								0		
a	30% Schematic Parking, Soccer Fields, and Site Development		2	20	30	48			100		
b	Opinion of Probably Cost for Parking, Soccer Fields, Lighting and Site Development		2	2	2	2			8		
c	Comment/Response Matrix and Schematic Roll Plot Revisions		2	2	4	4			12		
d	QA/QC		4	4					8		
	Engineering Associates (Sub-Consultant) - Lighting Schematics								0	\$5,000	
	5% Subconsultant Markup								0		\$250
	QA/QC of Lighting Schematic		2	2					4		
									0		
	Task Total (Hours)		12	30	36	54	0	0	132		
	Task Total (Dollars)		\$3,600	\$8,400	\$6,840	\$9,180	\$0	\$0	\$28,020	\$5,000	\$250
	KIMLEY-HORN TOTAL (Hours)		34	86	120	212	0	0	452		
	KIMLEY-HORN TOTAL (Dollars)		\$10,200	\$24,080	\$22,800	\$36,040	\$0	\$0	\$93,120		
	SUBCONSULTANT TOTAL (Dollars)		\$0	\$0	\$0	\$0	\$0	\$0	\$7,642		
	Kimley Horn Expenses and Subconsultant Mark-up (Dollars)								\$582		
	GRAND TOTAL								\$101,344		

  

1	Project Management								\$2,260.00		
2	Design Survey								\$0.00		
3	Environmental Documentation								\$4,300.00		
4	Geotechnical Engineering								\$3,243.57		
5	Concepts and Alternatives Evaluation								\$0.00		
6	Preliminary 30% Schematic Design								\$31,330.00		
7	Drainage Study and Report								\$26,940.00		
8	Public Involvement								\$0.00		
9	Parking Lot and Multi-Purpose Fields								\$33,270.00		
	Total								\$101,343.57		

Harrell Parkway Improvements Preliminary Engineering  
City of Round Rock, Texas  
Add Scope - Parking Lot, Multipurpose Field, New Rdwy  
Subprovider: Beyond Engineering and Testing, LLC  
7/25/2023

Attachment E  
Fee Schedule  
Method of Payment: Lump Sum & Specified Rate

Task Description	Support Manager – Schem/ENV/PS&E – SD	Engineer (Senior)	Engineer (Project)	Engineer (Design)	Engineer-In- Training II	Engineer-In- Training I	Administrative/ Clerical	Labor Hour Total	Labor Cost Total	Sheet Count Total
FC 160 (163) - Miscellaneous (Roadway)										
FC 163.3 Geotechnical Borings and Investigations								0	\$ -	N/A
Collect and review as-built plans and project planning								0	\$ -	
Boring layout, site reconnaissance & boring staking								0	\$ -	
Utility Clearance (TX811) and Coordination with TxDOT								0	\$ -	
Traffic control planning and ROW permit coordination with City								0	\$ -	
Logger mob/demob								0	\$ -	
Drilling coordination and logging								0	\$ -	
Review field logs								0	\$ -	
Assign laboratory testing								0	\$ -	
Laboratory test data review								0	\$ -	
Boring logs preparation								0	\$ -	
Bridge Foundation Capacity Curves and D50 for Scour								0	\$ -	
Light Pole Lpile Parameter Table			1	2				3	\$ 480.29	
Pavement Design and Recommendations			1	2				3	\$ 480.29	
MSE Wall Analysis: Settlement, Sliding, Overturning, Eccentricity, Bearing, Rotational Stability								0	\$ -	
QA/QC Review		1						1	\$ 259.35	
Draft Geotechnical Report Preparation		1	1	1	1			4	\$ 710.82	N/A
Final Geotechnical Report Preparation		1	1	1	1			4	\$ 710.82	N/A
Project Monthly Invoicing								0	\$ -	N/A
								0	\$ -	N/A
Subtotal Labor Hour	0	3	4	6	2	0	0	15	\$ 2,641.57	N/A
Contract Rate Per Hour	\$ 262.56	\$ 259.35	\$ 192.11	\$ 144.09	\$ 115.27	\$ 107.26	\$ 80.05			
Subtotal Labor Costs FC 160 (163)	\$ -	\$ 778.05	\$ 768.44	\$ 864.54	\$ 230.54	\$ -	\$ -		\$ 2,641.57	