SUPPLEMENTAL AGREEMENT NO. 3
FOR PROFESSIONAL SERVICES
City of Olathe, Kansas

This Supplemental Agreement made this _____ day of _____, 2024, by and between the City of Olathe ("City") and HNTB Corporation ("Consultant") (collectively, the "Parties").

WHEREAS, the City and Consultant have previously entered into an Agreement, dated June 4, 2019 ("the Agreement"), to furnish Professional Services for the Santa Fe, Ridgeview to Mur-Len, Improvements Project; PN 3-C-025-18 ("Project"); and

WHEREAS, Section II.B.2 of the Agreement provides that Consultant will provide, with City's concurrence, services in addition to those listed in the Agreement when such services are requested or authorized in writing by the City; and

WHEREAS, this Supplemental Agreement between the Parties is to provide additional Professional Services in the way of **Right-of-Way Phase, Traffic Engineering, and Office Check Final Design Phase** (HNTB Project Number 67261-DS-001) for the Project as outlined in **Exhibit A** of this Supplemental Agreement, attached hereto and incorporated herein by reference; and

WHEREAS, the City is desirous of entering into this Supplemental Agreement to pay the Consultant for additional services rendered to the City related to the Project; and

WHEREAS, the City is authorized and empowered to contract with the Consultant for the necessary additional services in this Supplemental Agreement.

NOW THEREFORE, the Parties hereby agree as follows:

A. The Agreement is hereby amended as follows: The scope of services now includes Exhibit A of this Supplemental Agreement.

B. The HNTB Schedule of Rates in Exhibit C of the Agreement and subsequent supplemental agreements is hereby amended as outlined in **Exhibit B** of this Supplemental Agreement No. 3.

C. That project completion date in Section II.D. of the Agreement is hereby amended as follows: All work must be completed on or before September 30, 2026.

D. The total fee for the additional professional services provided pursuant to this Supplemental Agreement is $5,354,565, which raises the total fee for all services provided under the Agreement from $4,347,175 to $9,701,740.

IN ALL OTHER RESPECTS, the terms and conditions of the Agreement will remain in full force and effect, except as specifically modified by any prior written Supplemental Agreement approved by the Parties and by this Supplemental Agreement, including all policies of insurance which will cover the work authorized by this Supplemental Agreement.

IN WITNESS WHEREOF, the Parties have caused this Supplemental Agreement to be executed as of the day and year first above written.

CITY OF OLATHE, KANSAS

By: _____
Mayor

ATTEST:

_____ (SEAL)
City Clerk

APPROVED AS TO FORM:

_____
City Attorney or Deputy/Assistant City Attorney

HNTB Corporation

By: _____
Gretchen Ivy
Senior Vice President

Exhibit A –Scope of Services

The original agreement (June 2019) with HNTB provided for a Concept Study to establish an overall vision for transportation options and redevelopment on Santa Fe from Ridgeview Road to Mur-Len Road. The study implemented a three-phased visioning approach focused on traffic analysis, geometric evaluations, public involvement, and economic analysis to develop the possible conceptual improvements for the Santa Fe Street Corridor and surrounding development from Ridgeview Road to Mur-Len Road, including the I-35 & Santa Fe Interchange.

Supplemental Agreement No. 1 (SA1) (March 2021) with HNTB was focused on addressing two key challenges. First, moving forward with concept design and overall project development focused on federal approvals. Second, preparing for and finding funding sources to move the project into construction with a focus on partnerships with KDOT and all other key stakeholders. This project federal National Environmental Policy Act (NEPA) and Break in Access (BIA) documentation class of action, as determined by FHWA, is an Environmental Assessment (EA), that is targeted for completion by Fall 2023. HNTB is continuing to assist the City of Olathe and KDOT in preparing for and submitting a combined application for 2023-2024 and resubmittal for 2025-2026 Multimodal Project Discretionary Grant (MPDG) federal competitive grant funds. The application, identifying the project as I-35 Santa Fe Forward, also includes improvements on I-35 between Santa Fe and 119th Street and at the I-35/Old 56 interchange was resubmitted in May 2024 with successful applicants scheduled to be notified Fall 2024. SA1 also included concept design including field surveys and data collection.

Supplemental Agreement No. 2 (SA2) (September 2023) with HNTB included professional services and deliverables to advance the project to the 60% Design (Field Check) Phase and to identify any right-of-way (ROW) needs. Additionally, early utility and right-of-way coordination was included. Field Check plans and cost estimate were submitted to Olathe and KDOT in May 2024 setting the project up to move into the right-of-way (ROW) and final design phase.

This Supplemental Agreement No. 3 (SA3) with HNTB includes professional services and deliverables broken in to three sections: supporting right-of-way (ROW) acquisition and utility coordination, preparing the KDOT Traffic Engineering submittal, and progressing design and plans production from the Field Check to Office Check level. The SA3 continued services are detailed with sections and sub-sections outlining the detailed scope of services by discipline. HNTB will supplement the original subcontract with Kaw Valley Engineers, Inc (KVE) for additional field survey data collection, ROW legal descriptions and geotechnical exploration. HNTB will contract with Terracon for coordination related to Phase 1 site assessment support services and asbestos surveys and with Ecosystems for irrigation design.

SA3 does not include plans, specifications and estimate (PS&E) or bidding submittals (90-100%), or construction phase services. These services will be negotiated as a supplemental agreement as the project moves forward.

See the attached "Exhibit A Project Map" exhibit that illustrates the project area for the Santa Fe, Ridgeview to Mur-Len, Improvements Project, including delineation of the proposed improvements.

Scope Summary and Assumptions

HNTB's scope summary and assumptions, detailed scope of services for Section 1.0, Section 2.0, and Section 3.0 along with subconsultant scope summaries and assumptions are attached. The HNTB scope of services includes three sections: Section 1.0 covers ROW Phase support services and coordination, including legal descriptions and tract maps, appraisal and acquisition support services, utility coordination, and Phase I inspections and demolition documents for total property acquisitions; finalizing concepts for structural and landscaping aesthetic features; and public involvement. The Section 2.0 KDOT Traffic Engineering services includes effort to produce the KDOT Traffic Engineering submittal outlining the alternatives for constructing the proposed improvements and maintenance of traffic alternatives during construction. Finally, the Section 3.0 Office Check Final Design Phase consists of progressing design and plans production from the Field Check to Office Check level.

For the purposes of developing this SA3 scope and fee, the following description of criteria, data, assumptions, and exclusions have been made:

a. Project Limits –The project boundary along Santa Fe Street includes ~1.5 miles (7,600') from ~1,000' west of Ridgeview Road (BNSF Railroad) to 1,500' east of Mur-Len Road (Indian Creek). This includes approximately 1,500 feet north and south of Santa Fe Street. Permanent improvements on each of the I-35 interchange four ramps will extend as needed to allow the vertical grades to tie back into existing and add turn lanes. Improvements to side streets are included for the full reconstruction of Clairborne Road (renamed to Winchester Street), Rogers Road, Spruce Street, Prairie Street, and cul-de-sacs at Burch Street, Fir Street, and Rawhide Road. Additionally, intersection improvements are planned at Ridgeview Road and Spruce Street. These proposed improvements will continue to be coordinated with the overall I-35 Santa Fe Forward improvements proposed on I-35 and at the I-35/Old 56 interchange. See attached Exhibit A Project Map.
b. Traffic Data – Traffic analysis has been completed and summarized in the *Santa Fe Street Concept Study Report (December 2020)* and federal Break in Access (BIA) documentation and includes a base year (2021) and Future No-Build and Build (2050) scenarios. The assumed design year for this study will be 2050 as determined by the design team. No additional traffic counts or origin-destination data collection and analysis is assumed with SA3.
c. Design Criteria – Generally speaking, KDOT design criteria will be followed for the interchange, however some elements of the interchange (such as drainage,

lighting, and traffic signals) will follow the City of Olathe design criteria. Outside of the interchange, City of Olathe design criteria will be used. Improvements will be designed in conformity with the appropriate Olathe, State and Federal design criteria as set forth in the current versions of the following documents: The City of Olathe Project Procedures Manual, KDOT Design Manual, Bureau of Design road memorandums, KDOT Standard Specifications for State Road and Bridge Construction, A Policy on Geometric Design of Highways and Streets (The Green Book), and the Manual of Uniform Traffic Control Devices (MUTCD).

d. Coordination with KDOT – The deliverables are being performed and developed primarily for the City of Olathe. However, since the project includes reconfiguration of the interchange of I-35 & Santa Fe and improvements to KDOT infrastructure, the development of the project will be performed in coordination with the State. It is anticipated that representatives from KDOT will be included in the various technical and stakeholder team meetings. However, day-to-day coordination will be performed directly between HNTB and the City of Olathe.
e. Coordination with FHWA – FHWA Approval of the EA and BIA for this project was completed in Fall 2023. Continued project design development review meetings will be held with the City of Olathe, KDOT, and FHWA as assumed.
f. Public Involvement – This continued scope of services is outlined in Exhibit A.
g. Environmental/Permitting – SA3 assumes this project NEPA class of action, as determined by FHWA, as an Environmental Assessment (EA) that resulted in a Finding of No Significant Impact (FONSI) per NEPA regulations as completed in Fall 2023. No local, state, or federal permitting services beyond state and federal NEPA approvals are provided by HNTB with this supplemental contract. Terracon will provide Phase 1 site assessment support services and asbestos surveys as outlined in that attached scope of services Exhibit A. SA3 will cover the assumed 20 total take tracts. Phase I EA services do not include remediation of asbestos or coordination thereof. No Phase II EA services are included. Additional EA services, if required, may be added in a future supplemental.
h. Surveys – The sources of design data will be a combination of Johnson County AIMS data and field surveys performed by Kaw Valley. SA3 includes additional topo survey needs. The detailed additional survey related services and assumptions related to Kaw Valley's scope of services is provided in the attached Exhibit A.
i. Right-of-Way - Preparation of front ends is to be performed by the City and/or Orrick & Erskine. Legal descriptions and tract maps for all partial taking proposed right-of-way and easements, provided be KVE/HNTB, is assumed for 93 tracts with 73 tracts with partial takes and 20 total takes. Legal descriptions will be signed and submitted in PDF format only. Tract maps will include type of taking, cost to cure removals, and applicable notes. Tract maps will not be signed. Participation in biweekly coordination meetings is assumed. Legal descriptions for potential future public roadway dedication and easements within total takes is not included and may be added with a future supplemental.
j. Utilities – Information relative to existing utilities within the limits of the project

will be a combination of Johnson County AIMS data and field surveys performed by Kaw Valley. Field locates were completed with SA1 Kaw Valley survey boundaries (smaller than overall study boundary). HNTB will coordinate utility relocations for the project. HNTB will provide plan drawings to utility companies and will provide coordination services as outlined in the scope of services. No potholing is included in this scope of services and any potholing required will be done directly through the City of Olathe. Coordination meetings with utility owners will be included in this scope of services. A color-coded utility relocation map will be provided to the City.

k. Geotechnical – KVE will perform geotechnical investigation for the bridges, retaining walls, and KDOT stormwater control measurement (SCM). The detailed additional survey related services and assumptions related to Kaw Valley's scope of services is provided in the attached Exhibit A.

l. Structures - Bridge type, size, and location studies and preliminary design calculations will be advanced to the office check review for the new Santa Fe over I-35 Single Point Urban Interchange (SPUI) configuration and Santa Fe over Rogers Road bridge. Do to the cumulative width of the converging roadways over I-35, the proposed configuration divides the total roadway surface into four separate two-span steel beam or plate girder structures with integral full-height abutment walls. A buried precast arch structure is proposed for the Rogers Road crossing of Santa Fe Street. Structural support will also be provided to support development of retaining wall configurations, drainage structures, the SPUI signal truss, and other anticipated project elements. Suggestions for architectural treatments for the bridge piers, abutment walls, barriers and fencing will be developed and shared with the City and KDOT. Selected features will be illustrated on the office check plans. HNTB will coordinate and follow KDOT design standards for all structural bridge elements.

m. Storm Sewer Design – The storm sewer design will be advanced to the office check level by addressing any client comments and refining the plan/profile sheets. City of Olathe standard details will be used for storm sewer structures unless a specific KDOT drainage structure is called out in the plans. Bills of reinforcing will not be required for the storm sewer structures. Detention analysis to outfall points will be refined from field check design. The design for the Stormwater Control Measures (SCMs) in the KDOT right of way will be advanced to office check level from field check design and include all necessary calculations and plans. This project includes the improvements determined in the April 2023 Preliminary Project Study (PPS) for Lindenwood, Spruce to Santa Fe. These improvements will address major flooding of streets and buildings and will require design of a concrete box (RCB) in addition to pipes and inlets not otherwise required by the project. The RCB will require some special structural detailing. Hydrology and hydraulic modeling for this area will be refined from field check design.

n. Water / Sewer – Office check design of City of Olathe Water / Sewer facilities is included with SA3. It is assumed there will be approximately 3,000' of Sewer and 13,000' of Waterline relocated within the project. Restrained Joint Lengths and

Connection Details for Waterlines are included in office check design.

o. Erosion Control - Erosion Control design is included in office check design and will be included in SA3. Phased erosion control plan sheets will be included as part of SA3.

p. Cross Sections - HNTB will develop cross sections that reflect the improvements being constructed. Phased cross sections of all major and sub-stage details will not be provided for Office Check. HNTB will work through a process to develop a maintenance of traffic and construction sequencing plan and in conjunction with this plan, the final cross sections could include (if necessary) cross sections at temporary ramps, shoo-flys or other widening areas. It is also assumed that grading plans will be provided for the interchange infields and areas not covered by cross sections in order to show grading and supplement earthwork quantities.

q. Retaining Walls – The 15 proposed retaining walls include MSE panel, reinforced concrete cantilever stem and standard and modified integral sidewalk retaining walls (ISRW). Design through office check plans includes final plan development for wall plan and elevations and structural details and design calculations for cast-in-place concrete walls, ISRW design per City of Olathe standards with potential modified details, and MSE structural design and internal stability established by the proprietary wall system supplier after letting. KVE will perform settlement and global stability calculations for all 15 wall locations and provide foundation recommendations.

r. Maintenance of Traffic (MOT)/Construction Sequencing – HNTB will work through a screening process of high-level alternatives. For each alternative, HNTB will develop concept phasing, sequencing, detours, and construction schedule. Detailed MOT and Construction Sequencing Plans will be developed for the KDOT Traffic Engineering submittal and updated for the Office Check submittal.

s. Traffic Management Plan (TMP) – A Traffic Management Plan (TMP) will be developed with Final Design services. The TMP will outline the traffic management plan outlining what to expect from traffic and safety during construction as well as mitigation measures for congestion issues as a result of construction. It is anticipated the draft TMP will be submitted to KDOT/Olathe with the KDOT Traffic Engineering submittal and updated for the Office Check submittal.

t. Structures Aesthetics– Updated visualizations of the Santa Fe over I-35 interchange including bridge and wall structures will be provided to support selection of preferred aesthetic features and geometry. Renderings will be utilized in stakeholder materials and coordination with KDOT for elements within KDOT jurisdiction. Selected aesthetic details will be included in the Office Check plans including formliner, concrete masonry coatings, and structural details.

u. Corridor Aesthetics/Landscaping– Updated visualizations of the Santa Fe (Ridgeview to Mur-Len) corridor will be provided to support selection of preferred aesthetic features and geometry. Renderings will be utilized in stakeholder materials and coordination with KDOT for elements within KDOT jurisdiction. Selected aesthetic details will be included in the Office Check plans including hardscape materials and landscaping.

v. Pavement Marking/Signing – It is assumed KDOT is providing structural design for all guide signs. Details on pavement marking and signing will be determined with this supplemental.
w. Traffic Signals/Street Lights – New traffic signals will be provided at the interchange and throughout the project as assumed in the scope. Signal timings and other alternatives such as half cycle timings, right turn on red, and right turn free flow will not be evaluated with this supplemental. The existing Olathe fiber optic interconnect will require modifications and design will be as noted the scope. Street lights will be replaced within the project limits. Modifications to the existing KDOT highway lighting system are not anticipated outside the limits of ramps. Street lighting, traffic signals and fiber optic interconnect will be designed using a combination City of Olathe and KDOT standards to be included with final design.
x. ITS – It is assumed the project will require replacement or relocation of the weigh-in-motion (WIM) system in the I-35/Santa Fe interchange. Additionally, minimal ITS modifications of existing facilities such as relocating pull boxes, cable, and conduit may be identified with field check design. Continued coordination with KDOT will determine the necessary modifications needed in final design.
y. Demolition – Demolition plan sheets, specifications and estimates will be developed for the assumed 20 total take tracts. Demolition plans will consist of one sheet per tract. It is assumed no cover sheet, general notes, alignment details, or cross sections are included. Participation in a pre-construction meeting(s) is included (assumes 2 hours per package). No effort is included for pre-bid meeting(s) or construction services (e.g. inspection, field coordination, RFIs). Utility disconnects for Atmos and Evergy will be coordinated by HNTB with utility disconnect letters provided to the City. It is assumed the City will handle the disconnection of City-owned water utilities. No effort is included for obtaining demolition permits. Design and details for demolition and removal of existing public infrastructure elements, including, but not limited to, bridges, storm sewer, and on-grade paving, are excluded from this scope of work and are considered the Contractor's responsibility and means and method by convention.
z. Pavement Design – No pavement design will be performed. Standard City of Olathe pavement sections are to be used on City maintained sections. KDOT to provide pavement design for KDOT maintained sections. Pavement cores will not be sampled and it is assumed pavement core data will not be provided to KDOT.

90-100% Design and Construction Phase Services - No 90-100% final design or construction phase services are included in this scope of services but will be negotiated as a supplemental agreement when the project moves forward.

Deliverables and Schedule

It is assumed that work will begin in August 2024 and continue through September 2026. Because the deliverables are reliant on local, state and federal review and approvals, the schedule is subject to change:

- Assumed SA3 Notice to Proceed (NTP)/Executed Contract Date (ECD) – August 6, 2024
- 1.0 ROW Phase
    - ROW Documents (Legals, Tract Maps) – assumes 93 tracts with 73 tracts with partial takes and 20 total takes
        - Package 1 (assumes 11 tracts) – delivered by August 9, 2024
        - Package 2 (assumes 12 tracts) – delivered by August 30, 2024
        - Package 3 (assumes 16 tracts) – delivered by September 30, 2024
        - Package 4 (assumes 16 tracts) – delivered by October 31, 2024
        - Package 5 (assumes 18 tracts) – delivered by November 27, 2024
    - Geotech Coordination and Draft Report – by November 15, 2024
    - Aesthetics Final Direction – by December 20, 2024
    - Demo and Remediation Packages (assumes 4 packages for the 20 total takes) – Q4 2024 ongoing estimated through September 2026
- 2.0 KDOT Traffic Engineering Submittal
    - KDOT Traffic Engineering Submittal – June 30, 2025
        - Plans – ITS, Lighting, Fiber, Signals, Signing, Marking, Construction Sequencing and Traffic Control
        - Sign Truss Information Cross Sections
        - DRAFT Traffic Management Plan (TMP) Support Memo
    - Early Fiber Package - TBD
- 3.0 Office Check Final Design Phase
    - 90% (Office Check) Final Plans and Cost Estimate – November 21, 2025

- Assumes all SA3 work except Demo and Remediation support packages and utility coordination should be complete by March 28, 2026.

EXHIBIT A - Scope of Services - 3-C-025-18

Santa Fe, Ridgeview to Mur-Len - Supplemental Agreement #3 7/17/2024		Senior Project Manager	Senior Technical Advisor	Project Engineer	Design Engineer	Engineer	Technician/ Graphics	Total	Total Costs
	Item of Work	$275	$220	$175	$140	$125	$155		
1.0 ROW Phase									
1.1	**Comment Resolution and Documentation - Field Check**								
1.1.1	Organize, review and resolve 60% submittal review comments on plans and cost estimate (Roadway). Includes discipline coordination with Olathe and/or KDOT task leads.		16	100	80		80	276	$ 44,620
1.1.2	Organize, review and resolve 60% submittal review comments on plans and cost estimate (Drainage/Water/Sewer). Includes discipline coordination with Olathe and/or KDOT task leads.		16	80	80		80	256	$ 41,120
1.1.3	Organize, review and resolve 60% submittal review comments on plans and cost estimate (Traffic/Lighting/ITS). Includes discipline coordination with Olathe and/or KDOT task leads.		16	80				96	$ 17,520
1.1.4	Download and process supplemental field data, prepare updated project DTM. Prepare base files including: surveyed topo information, contours (1' intervals), existing property lines, owner info, and existing utilities.			8	16		16	40	$ 6,120
1.1.5	Meetings with Olathe/KDOT to resolve Field Check comments and finalize overall geometrics and project scope elements and splits (Assumes 2 meetings to discuss interchange configuration, sidestreet spacing, and intersection improvements, including preparation and notes.)	4	4		12	12		32	$ 5,160
									$ -
	Comment Resolution and Documentation - Field Check Subtotal	**4**	**52**	**268**	**188**	**12**	**176**	**700**	**$ 114,540**
1.2	**ROW Coordination**								
1.2.1	Coordinate overall taking linework with City/KDOT, add proposed right-of-way callouts to plans, and maintain summary of takings	4	12	12		24	40	92	$ 15,040
1.2.2	Coordinate and review Exhibit A legals prepared by Kaw Valley. Create color tract maps (assumes 73 tracts). Includes quality control.	4	60			60	160	284	$ 46,600
1.2.3	Prepare and submit and coordinate ROW packages to Olathe (assumes 5 separate ROW packages).	5	30	45				80	$ 15,850
1.2.4	Coordinate through Olathe/appraiser during acquisition to direct Kaw Valley for staking of all takings for property owners and for appraisers (assumes 73 tracts)	4	30	30				64	$ 12,950
1.2.5	Based on updates requested during acquisition, coordinate and review ownership and encumbrance (O&E) updates/base mapping and updated Exhibit A legals prepared by Kaw Valley. Update color tract maps (assumes up to 25 tracts with an update)	2	60			30	60	152	$ 26,800
1.2.6	Coordination with appraisal & acquisition - biweekly meetings (assumes 30 meetings @ 1 hr), answering questions, providing plans sheets or updated exhibits	45	60	30			16	151	$ 33,305
									$ -
	ROW Coordination Subtotal	**64**	**252**	**117**		**114**	**276**	**823**	**$ 150,545**
1.3	**Total Take Inspection and Demolition**								
1.3.1	Coordinate, schedule, review and provide Asbestos Inspection Subconsultant (Terracon) Report (assumes 20 tracts)	16	32					48	$ 11,440
1.3.2	Coordinate, schedule, review and provide Phase 1 Site Assessment Inspection Subconsultant Terracon Report (assumes 20 tracts)	16	32					48	$ 11,440
1.3.3	Prepare Demolition Plans showing buildings, pavement, sidewalk, and other items to remove (20 tracts, 26 buildings) - 1 plan sheet per tract.	8	40		60		100	208	$ 34,900
1.3.4	Grading Design, and Grading Plans for interim condition prior to Santa Fe construction (includes erosion control) (20 tracts, 26 buildings) - 1 plan sheet per tract.	8	30		72		60	170	$ 28,180
1.3.5	Coordinate utility disconnects (20 tracts, 26 buildings) - Assumes 2 utility companies per building (Atmos, Evergy); assumes Olathe will handle water disconnects separately; includes providing disconnect letters to City	4	40		12			56	$ 11,580
1.3.6	Prepare Contract Documents including applicable demo plans / grading plans from above, prepare cost estimate, address City Comments, and Answer Questions During Bidding (assumes up to 4 packages). Participation in a pre-construction meeting(s) is included (assumes 2 hours per package).	24	16	40	80			160	$ 28,320
									$ -
	Total Take Inspection and Demolition Subtotal	**76**	**190**	**40**	**224**		**160**	**690**	**$ 125,860**
1.4	**ROW Phase Design Updates and Coordination**								
1.4.1	Roadway Investigations and Resolution of Design Alternatives to Accommodate updates through ROW Acquisition Process		32	48		80	32	192	$ 30,400
1.4.2	Drainage Investigations and Resolution of Design Alternatives to Accommodate updates through ROW Acquisition Process		8	16		24	16	64	$ 10,040
1.4.3	Waterline Investigations and Resolution of Design Alternatives to Accommodate updates through ROW Acquisition Process		8	16		24	16	64	$ 10,040
1.4.4	Sanitary Sewer Investigations and Resolution of Design Alternatives to Accommodate updates through ROW Acquisition Process		8	16		24	16	64	$ 10,040
1.4.5	Lighting/Signal/Fiber Investigations and Resolution of Design Alternatives to Accommodate updates through ROW Acquisition Process			40				40	$ 7,000
1.4.6	Preliminary design for NB Right Turn Lane and new curb return for SE corner of Ridgeview and Spruce to set Right-of-Way and Easements (includes horizontal layout, roadway modeling, intersection detail, drainage layout, traffic signal layout, and utility relocation considerations)	2	16	16	24	24	12	94	$ 15,090
									$ -
	ROW Phase Design Updates and Coordination Subtotal	**2**	**72**	**152**	**24**	**176**	**92**	**518**	**$ 82,610**

EXHIBIT A - Scope of Services - 3-C-025-18

Santa Fe, Ridgeview to Mur-Len - Supplemental Agreement #3 7/17/2024		Senior Project Manager	Senior Technical Advisor	Project Engineer	Design Engineer	Engineer	Technician/ Graphics	Total	Total Costs
Item of Work		$275	$220	$175	$140	$125	$155		
1.5	**Utility Coordination Design Updates and Coordination**								
1.5.1	Roadway Investigations of Design Alternatives to Accommodate Utilities		24	32		40	24	120	$ 19,600
1.5.2	Drainage Investigations of Design Alternatives to Accommodate Utilities		8	24		40	24	96	$ 14,680
1.5.3	Waterline Investigations of Design Alternatives to Accommodate Utilities		8	24		40	24	96	$ 14,680
1.5.4	Sanitary Sewer Investigations of Design Alternatives to Accommodate Utilities		8	16		24	16	64	$ 10,040
1.5.5	Lighting/Signal/Fiber Investigations of Design Alternatives to Accommodate Utilities			40				40	$ 7,000
									$ -
	Utility Coordination Design Updates and Coordination Subtotal		**48**	**136**		**144**	**88**	**416**	**$ 66,000**
1.6	**Utility Coordination**								
1.6.1	Conflict Analysis - Update utility conflict identification and utility matrix (does not include 3-D modeling of utilities)		20	40	20			80	$ 14,200
1.6.2	General Correspondence - Phone calls and emails with utility owners, coordination meetings with owners (assumed 3 per owner @ 1 hr), record and distribute meeting documentation (12 utility owners)		40	40				80	$ 15,800
1.6.3	Utility Relocation Masterplan - Update and maintain color utility masterplan exhibit showing project design, existing utilities, and coordinated relocation concept alignments		20	24				44	$ 8,600
1.6.4	Utility Relocation Schedule - Update and maintain preliminary utility relocation schedule in relation to assumed project schedule	1	16	8				25	$ 5,195
1.6.5	Utility Relocation Cost Estimate & Agreements - Verify reimbursable existing utility easements, update and maintain estimate of reimbursable utility relocation costs	1	8		16	8		33	$ 5,275
1.6.6	Utility Owner Relocation Plan Review - Review utility owner relocation plans and verify vs project improvements.		12		12			24	$ 4,320
									$ -
	Utility Coordination Subtotal	**2**	**116**	**112**	**48**	**8**		**286**	**$ 53,390**
1.7	**Structural Coordination**								
1.7.1	60%/Field Check Comment Resolution		16		16		16	48	$ 8,240
1.7.2	Bridge Memos / Serial Number Requests		12			12		24	$ 4,140
1.7.3	Retaining Wall Serial Number Requests		12			12		24	$ 4,140
1.7.4	Structural Design Criteria Revisions		8		12			20	$ 3,440
1.7.5	Interdisciplinary Coordination & Design Support (thru 90%)		64	8	8		32	112	$ 21,560
1.7.6	Geotechnical Coordination & Design Support (thru 90%)		40	16		8		64	$ 12,600
1.7.7	Aesthetics Coordination & Client Meetings (thru 90%)		24			8	16	48	$ 8,760
1.7.8	City of Olathe and KDOT General Coordination (thru 90%)		16	6	6		20	48	$ 8,510
									$ -
	Structural Coordination Subtotal		**192**	**30**	**42**	**40**	**84**	**388**	**$ 71,390**
1.8	**Structural Design and Geometry Revisions**								
1.8.1	Santa Fe over I-35: Curb Configuration Updates		12		4		12	28	$ 5,060
1.8.2	Santa Fe over I-35: Jointing Study & Bridge Geometry Revisions		24				48	72	$ 12,720
1.8.3	Santa Fe over I-35: Framing Plan Revisions		32		12		16	60	$ 11,200
1.8.4	Santa Fe over I-35: Prestressed Alternate (E.Bd. & W.Bd.)		4	24	24			52	$ 8,440
1.8.5	Santa Fe over I-35: Substructure Aesthetic Revisions		24		24		24	72	$ 12,360
1.8.6	Santa Fe over I-35: Revised Signal Truss Preliminary Design		24		60		16	100	$ 16,160
1.8.7	Santa Fe over Rogers: Soil-Structure Interaction Preliminary Modeling		32	64				96	$ 18,240
									$ -
	Structural Design and Geometry Revisions Subtotal		**152**	**88**	**124**		**116**	**480**	**$ 84,180**
1.9	**Structure Aesthetics**								
1.9.1	Bridge Aesthetics and Landscaping Coordination & Client Meetings		12		8			20	$ 3,760
1.9.2	Model new 3D bridge components (barriers, girders, piers) with (1) aesthetic concepts		40					40	$ 8,800
1.9.3	Prepare 3D renderings of aesthetic concepts (3 viewpoints)		8					8	$ 1,760
1.9.4	Attend up to (3) aesthetic design meeting for review/refine concepts	12	12					24	$ 5,940
1.9.5	Update preferred alternative concept to move forward to final design		40					40	$ 8,800
1.9.6	Aesthetic Details (1 Sheet)		12		4		16	32	$ 5,680
									$ -
	Structure Aesthetics Subtotal	**12**	**124**		**12**		**16**	**164**	**$ 34,740**
1.10	**Corridor Aesthetics & Landscaping**								
1.10.1	Evaluate ROW availability and locations for proposed landscape opportunities		4	16		32		52	$ 7,680
1.10.2	Prepare two (2) concepts for corridor aesthetics and landscape improvements (formliner pattern, site furnishings, decorative paving, landscape selections, etc.)		4	32		48		84	$ 12,480
1.10.3	Refine preferred concept for corridor aesthetic and landscape improvements		2	16		32		50	$ 7,240
1.10.4	Prepare for and attend up to (3) aesthetics design meetings to confirm the program and review/refine concepts	9	9	9				27	$ 6,030
									$ -
	Corridor Aesthetics & Landscaping Subtotal	**9**	**19**	**73**		**112**		**213**	**$ 33,430**
1.11	**Early Fiber Optic Relocation Package**								
1.11.1	Prepare Traffic Engineering Fiber Optic Plans		4	40				44	$ 7,880
1.11.2	Prepare Quantities and Cost Estimate		4	12				16	$ 2,980
1.11.3	Perform Discipline Quality Control Interdisciplinary Reviews		4	4				8	$ 1,580
1.11.4	Prepare Contract Documents including applicable Early Fiber Optic Relocation Package, prepare cost estimate, address City Comments, and Answer Questions During Bidding. Participation in a pre-construction meeting(s) is included (assumes 2 hours per package).	6	4	10	20			40	$ 7,080
									$ -
	Early Fiber Optic Relocation Package Subtotal	**6**	**16**	**66**	**20**			**108**	**$ 19,520**

EXHIBIT A - Scope of Services - 3-C-025-18

Santa Fe, Ridgeview to Mur-Len - Supplemental Agreement #3 7/17/2024		Senior Project Manager	Senior Technical Advisor	Project Engineer	Design Engineer	Engineer	Technician/ Graphics	Total	Total Costs
Item of Work		$275	$220	$175	$140	$125	$155		
1.12	**Quality Assurance**								
1.12.1	Quality Assurance review for ROW Coordination Package (assumes 5 Packages)	20	20					40	$ 9,900
1.12.2	Quality Assurance review for Early Fiber Optic Relocation Package	12	12					24	$ 5,940
1.12.3	Quality Assurance review for Geotech Report	16	16					32	$ 7,920
1.12.4	Quality Assurance for Demo and Remediation Packages (assumes 5 Packages)	20	20					40	$ 9,900
									$ -
	Quality Assurance Subtotal	**68**	**68**					**136**	**$ 33,660**
1.13	**Public Involvement**								
1.13.1	Update and Maintain Public Involvement Plan in conjunction with I-35 Santa Fe Forward overarching project with KDOT and KDOT TMP Support	4	16		24			44	$ 7,980
1.13.2	Public Meeting - Project Update - ROW Phase (Materials, factsheets, logistics, etc.)	24	16		24		24	88	$ 17,200
1.13.3	Prepare for and attend 1 presentations to Olathe City Council regarding the project aesthetics. Includes powerpoint and other exhibits as needed to supplement the presentations	24	16		24		24	88	$ 17,200
1.13.4	Assist Olathe and/or KDOT with content for Webpage and Social media posts/press releases (up to 3), database maintenance (stakeholders/comments), and Key Stakeholder Briefings (up to 4)	40	40		60		40	180	$ 34,400
									$ -
	Public Involvement Subtotal	**92**	**88**		**132**		**88**	**400**	**$ 76,780**
1.14	**Project Management/Administration**								
1.14.1	Schedule, coordinate, and attend bi-weekly external project team virtual calls for I-35 and Santa Fe corridor improvements project (Olathe) for assumed 10 months of overall 20 months office check schedule. Includes to update and maintain a project schedule, critical path, and action items.	40		40				80	$ 18,000
1.14.2	Field Check Review Meeting. Schedule, coordinate, and attend (Review deliverable comments and discuss actions for next stage of work)	16		16				32	$ 7,200
1.14.3	Ongoing communication with City of Olathe and task leads (for assumed 10 months of overall 20 months office check schedule).	40		40				80	$ 18,000
1.14.4	Monthly internal project review meetings, budget set-up and tracking, scheduling, and invoice preparation for assumed 10 months of overall 20 months office check schedule.	30		20	20			70	$ 14,550
									$ -
	Project Management/Administration Subtotal	**126**		**116**	**20**			**262**	**$ 57,750**
	1.0 ROW Phase Subtotal	**461**	**1389**	**1198**	**834**	**606**	**1096**	**5584**	**$ 1,004,395**
	Total	**461**	**1389**	**1198**	**834**	**606**	**1096**	**5584**	**$ 1,004,395**

Fee Summary

Labor:	Senior Project Manager @ $275/hour	126,775
	Senior Technical Advisor @ $220/hour	305,580
	Project Manager @ $175/hour	209,650
	Project Engineer @ $140/hour	116,760
	Engineer @ $125/hour	75,750
	Technician/Graphics @ $155/hour	169,880
	1.0 ROW Phase Estimated Labor Costs =	**$ 1,004,395**
Expenses:	Printing/Plotting/Travel =	10,000
	Kaw Valley (Legals/Survey/Staking) SA3=	145,740
	Kaw Valley (Geotech) =	559,535
	Terracon (Phase I Site/Asbestos) =	137,450
	1.0 ROW Phase Total Expenses =	**$ 852,725**
	1.0 ROW Phase Total Costs =	**$ 1,857,120**

EXHIBIT A - Scope of Services - 3-C-025-18

Santa Fe, Ridgeview to Mur-Len - Supplemental Agreement #3 7/17/2024		Senior Project Manager	Senior Technical Advisor	Project Engineer	Design Engineer	Engineer	Technician/ Graphics	Total	Total Costs
Item of Work		$275	$220	$175	$140	$125	$155		
2.0 KDOT Traffic Engineering Submittal									
2.1	**Signing & Pavement Marking**								
2.1.1	Coordination Meetings for guide sign layout. (Assumes one meeting with KDOT Signing and one meeting with Wilson for coordination on KA-6540)	2		4	4			10	$ 1,810
2.1.2	Update permanent signing layout (includes guide signs)			8	8	24	12	52	$ 7,380
2.1.3	Update pavement marking layout			2	4	8	4	18	$ 2,530
2.1.4	Develop sign removal sheets	1		4	8	16	8	37	$ 5,335
2.1.5	Create Sign Detail Layout Sheets	1		6	12	12	24	55	$ 8,225
2.1.6	Update pavement marking plans sheets	1		4	8	24	16	53	$ 7,575
2.1.7	Update permanent signing plan sheets	1		4	8	16	24	53	$ 7,815
2.1.8	Add KDOT signing and Marking Standard Details (not filled out)	1		1	4		4	10	$ 1,630
2.1.9	Create preliminary overhead sign structure cross sections and details	1		8	12	40	16	77	$ 10,835
2.1.10	Interdisciplinary Review of Signing and Marking Plans for Traffic Engineering Submittal	2	2	4				8	$ 1,690
									$ -
	Signing & Pavement Marking Subtotal	**10**	**2**	**45**	**68**	**140**	**108**	**373**	**$ 54,825**
2.2	**MOT & Construction Sequencing**								
2.2.1	Refine and screen construction phasing exhibits, detour concept, construction schedule and evaluation matrix (assumes up to 4 alternatives)	24	40	40	40		40	184	$ 34,200
2.2.2	External Meetings to refine and select a preferred construction phasing alternative (assumes 3 meetings)	12	12	12				36	$ 8,040
2.2.3	Develop traffic control typical sections	2	2	8	8	24	24	68	$ 10,230
2.2.4	Develop traffic control plans (includes necessary temporary roads, ramps and driveways)	8	8	40	40	80	100	276	$ 42,060
2.2.5	Develop traffic detour plans for each proposed closure (assumes up to 8 detour plans for vehicular traffic).	2	4	16	16	40	40	118	$ 17,670
2.2.6	Develop pedestrian detour plans for each proposed closure (assumes up to 6 detour plans forpedestrians).	2	4	12	12	40	40	110	$ 16,410
2.2.7	Add KDOT Traffic Control Standard Details (not filled out)	1		1	4		4	10	$ 1,630
2.2.8	Interdisciplinary Review of Traffic Control Plans and Details for Traffic Engineering Submittal	4	8	8				20	$ 4,260
									$ -
	MOT & Construction Sequencing Subtotal	**55**	**78**	**137**	**120**	**184**	**248**	**822**	**$ 134,500**
2.3	**MOT and Construction Phasing Traffic Analysis Support**								
2.3.1	Traffic Analysis Support for Final Roadway Design and Qualitative Traffic and Safety Analysis for Sequence of Construction	8	24	64	6	40		142	$ 24,520
2.3.2	Work Zone Operations Impacts Assessment using Vissim model for the preferred construction phasing alternative and up to 4 phases	24	24	120		200		368	$ 57,880
2.3.3	Internal Coordination Meetings (assumes 4 total)		8	8				16	$ 3,160
2.3.4	External Meetings (assumes 3 total)	6	6	9				21	$ 4,545
									$ -
	MOT and Construction Phasing Traffic Analysis Support Subtotal	**38**	**62**	**201**	**6**	**240**		**547**	**$ 90,105**
2.4	**Transportation Management Plan (TMP)**								
2.4.1	Work Zone Safety Assessment	2	2	4	40			48	$ 7,290
2.4.2	Traffic Management Plan Report	4	16	80			40	140	$ 24,820
2.4.3	Internal Coordination Meetings			18				18	$ 3,150
2.4.4	Interim and Final meeting with KDOT (2 people for prep, attendance and minutes)	4	2	4				10	$ 2,240
2.4.5	Interim and Final Work Zone & Safety meeting with KDOT/Olathe	4	2	4				10	$ 2,240
2.4.6	Perform Interdisciplinary Reviews and address comments from Design Team	8	16	24				48	$ 9,920
2.4.7	Submit draft TMP to KDOT/Olathe	2	2	6				10	$ 2,040
2.4.8	Address comments from KDOT/Olathe Design	8	16	24				48	$ 9,920
2.4.9	Finalize TMP and resubmit with Office Check submittal	2	2	6				10	$ 2,040
									$ -
	Transportation Management Plan (TMP) Subtotal	**34**	**58**	**170**	**40**		**40**	**342**	**$ 63,660**
2.5	**Lighting, Signals, Fiber**								
2.5.1	Prepare Traffic Engineering KDOT Lighting Plans			44			16	60	$ 10,180
2.5.2	Prepare Traffic Engineering Street Lighting Plans			44			16	60	$ 10,180
2.5.3	Prepare Traffic Engineering Lighting Circuit Design			44			24	68	$ 11,420
2.5.4	Prepare Traffic Engineering Traffic Signal Plans			62			24	86	$ 14,570
2.5.5	Prepare Traffic Engineering Fiber Optic Plans			24			8	32	$ 5,440
2.5.6	Parking Lot Lighting Modification Design			36			8	44	$ 7,540
2.5.7	Special Details for Lighting, Traffic Signal & Fiber Optic Systems (At SPUI Bridge, Signal Truss & Rogers Rd Tunnel			80			40	120	$ 20,200
2.5.8	City and KDOT Standard Details and Specifications			10			4	14	$ 2,370
2.5.9	Prepare Quantities and Cost Estimate			60			16	76	$ 12,980
2.5.10	Perform Discipline Quality Control and Interdisciplinary Reviews		50	10			4	64	$ 13,370
									$ -
	Lighting, Signals, Fiber Subtotal		**50**	**414**			**160**	**624**	**$ 108,250**

EXHIBIT A - Scope of Services - 3-C-025-18

Santa Fe, Ridgeview to Mur-Len - Supplemental Agreement #3 7/17/2024		Senior Project Manager	Senior Technical Advisor	Project Engineer	Design Engineer	Engineer	Technician/ Graphics	Total	Total Costs
	Item of Work	$275	$220	$175	$140	$125	$155		
2.6	**KDOT Intelligent Transportation Systems (ITS) / KC Scout**								
2.6.1	Coordinate with KDOT ITS and KC Scout (CCTV Camera)	2		2				4	$ 900
2.6.2	Coordinate with KDOT Planning (Weigh-In-Motion)	1		2				3	$ 625
2.6.3	General Notes Sheet			2	1			3	$ 490
2.6.4	Quantity Summary Sheet			2	2			4	$ 630
2.6.5	Location Map Sheet			2			2	4	$ 660
2.6.6	Plan Sheet Production CCTV Camera			24	24		4	52	$ 8,180
2.6.7	Plan Sheet Production Weigh-In-Motion			14	12		4	30	$ 4,750
2.6.8	Details and Specifications (modify as needed)			20	12		4	36	$ 5,800
2.6.9	Weigh-in-Motion Sensor Array Detail			14	4		4	22	$ 3,630
2.6.10	Camera Cross Section			4				4	$ 700
2.6.11	Communication Design			10	4			14	$ 2,310
2.6.12	Electrical Design			6				6	$ 1,050
2.6.13	Engineer's Estimate			4	2			6	$ 980
2.6.14	General Supervision and Coordination of ITS tasks	8						8	$ 2,200
2.6.15	Perform Discipline Quality Control Interdisciplinary Reviews	4		16	4			24	$ 4,460
									$ -
	KDOT Intelligent Transportation Systems (ITS) / KC Scout Subtotal	**15**		**122**	**65**		**18**	**220**	**$ 37,365**
2.7	**Quality Assurance**								
2.7.1	Senior Technical Review, Visual Check and Quality Assurance of Traffic Management Plan (TMP)	24	24					48	$ 11,880
2.7.2	Senior Technical Review, Visual Check and Quality Assurance of KDOT Traffic Engineering Plans Submittal	24	24					48	$ 11,880
									$ -
	Quality Assurance Subtotal	**48**	**48**					**96**	**$ 23,760**
2.8	**Meetings & Coordination with I-35 Santa Fe Forward**								
2.8.1	Schedule, coordinate, and attend monthly external project team virtual calls (Olathe, KDOT, Wilson, FHWA) for 20 month SA3 schedule for I-35 Santa Fe Forward. This includes ongoing communication with City of Olathe, Wilson, and task leads (assumes 20 month SA3 schedule) on coordination among the 4 separate KDOT project numbers KA-6364-02, 6540-02, 6540-03, and 6540-04.	50		50				100	$ 22,500
2.8.2	KDOT Traffic Engineering Discipline Review Meetings - assumes 4 meetings during Traffic Engineering deliverable development	12		12	12			36	$ 7,080
2.8.3	KDOT Traffic Engineering Meeting - Schedule, coordinate, and attend (Review deliverable comments and discuss actions for next stage of work)	16		16	16			48	$ 9,440
2.8.4	Prepare for and attend 1 presentations to Olathe City Council regarding the project maintenance of traffic and construction sequencing. Includes powerpoint and other exhibits as needed to supplement the presentations	24	16		24		24	88	$ 17,200
									$ -
	Meetings & Coordination with I-35 Santa Fe Forward Subtotal	**102**	**16**	**78**	**52**		**24**	**272**	**$ 56,220**
	2.0 KDOT Traffic Engineering Submittal Subtotal	**302**	**314**	**1167**	**351**	**564**	**598**	**3296**	**$ 568,685**
	Total	**302**	**314**	**1167**	**351**	**564**	**598**	**3296**	**$ 568,685**

Fee Summary

Labor:	Senior Project Manager @ $275/hour	83,050	
	Senior Technical Advisor @ $220/hour	69,080	
	Project Manager @ $175/hour	204,225	
	Project Engineer @ $140/hour	49,140	
	Engineer @ $125/hour	70,500	
	Technician/Graphics @ $155/hour	92,690	
	2.0 KDOT Traffic Engineering Submittal Estimated Labor Costs =	**$**	**568,685**
Expenses:	Printing/Plotting/Travel =	2,500	
		-	
	2.0 KDOT Traffic Engineering Submittal Total Expenses =	**$**	**2,500**
	2.0 KDOT Traffic Engineering Submittal Total Costs =	**$**	**571,185**

EXHIBIT A - Scope of Services - 3-C-025-18

Santa Fe, Ridgeview to Mur-Len - Supplemental Agreement #3 7/17/2024		Senior Project Manager	Senior Technical Advisor	Project Engineer	Design Engineer	Engineer	Technician/ Graphics	Total	Total Costs
	Item of Work	$285	$230	$185	$145	$120	$160		
3.0 Office Check Phase - Final Design and Plans Submittal									
3.1	**Roadway Office Check Design Interchange**								
3.1.1	Finalize Horizontal Alignments/Geometry including proposed edges of pavement, curb, and sidewalk for SPUI interchange and ramps.		2	4	12	16	4	38	$ 5,500
3.1.2	Finalize vertical geometry (including gore design) and superelevation transitions for interchange ramps		2	8	16	24		50	$ 7,140
3.1.3	Finalize proposed roadway templates and surface model for SPUI interchange and ramps			24	60			84	$ 13,140
3.1.4	Finalize preliminary Curb Return Profiles at the interchange ramps.	2		8	24	24		58	$ 8,410
3.1.5	Finalize intersection sight triangles and coordinate with landscaping design and signal design for potential turns on red	2		2	4	4		12	$ 2,000
3.1.6	Update and finalize grading/construction limits and coordinate limits with other disciplines items of work		2	4	8	12	4	30	$ 4,440
3.1.7	Finalize horizontal and vertical alignments for retaining walls (assumes 9 total walls in interchange and for Rogers Road underpass wingwalls)		2	6	16	40	4	68	$ 9,330
3.1.8	Finalize CSB and guardrail roadside protection for Santa Fe and I-35 bridge ends, ramps, sign structures and Rogers Rd bridge.		2	8	24	8	4	46	$ 7,020
3.1.9	Develop Jointing Layout for interchange and ramps		8	16	40	40	8	112	$ 16,680
3.1.10	Update roadway quantities for Office Check	1	2	8	24	32		67	$ 9,545
	Roadway Office Check Design Interchange Subtotal	**5**	**20**	**88**	**228**	**200**	**24**	**565**	**$ 83,205**
3.2	**Roadway Office Check Design Arterial, Sidestreets, & Local Access**								
3.2.1	Update and Finalize Horizontal Alignments/Geometry including proposed edges of pavement, curb, sidewalk, and barrier locations outside the interchange.		2	8	24	32	8	74	$ 10,540
3.2.2	Update and Finalize horizontal geometry for entrances		2	4	12	16	6	40	$ 5,820
3.2.3	Update and Finalize vertical geometry and superelevation transitions for sidestreets and entrances		2	12	24	40	8	86	$ 12,240
3.2.4	Update and Finalize Geometry for parking lot modifications and tie-ins to accommodate revised street network.		6	12	24	16	8	66	$ 10,280
3.2.5	Finalize proposed roadway templates and surface model for Santa Fe Street, sidestreets, cul-de-sacs, and roundabout.			24	60			84	$ 13,140
3.2.6	Update and Finalize Curb Profiles (assumes widening for portions of Santa Fe and for new curb lines on Mur-Len and Clairborne)		2	8	40	24		74	$ 10,620
3.2.7	Update and Finalize entrance profiles (assumes 54 entrances)			8	24	40	4	76	$ 10,400
3.2.8	Finalize roundabout Layout and Design (assumes 1 roundabout at Clairborne/Winchester/Loula)		2	2	8	4	4	20	$ 3,110
3.2.9	Update and Finalize Curb Return Profile Design for all curb returns for street intersections (assumes 21 curb returns) and commercial entrances (assumes 88 curb returns).		2	8	16	40		66	$ 9,060
3.2.10	Develop sight triangles for landscaping coordination			4	4	12		20	$ 2,760
3.2.11	Develop grading/construction limits and coordinate limits with other disciplines items of work		2	4	8	8	4	26	$ 3,960
3.2.12	Update and Finalize horizontal and vertical alignments for retaining walls (assumes 6 total walls outside the interchange including 3 along Santa Fe and 3 along Winchester)		2	6	24	20	4	56	$ 8,090
3.2.13	Assemble and Submit Roundabout Speed Curves and Truck Template Documentation to KDOT	1	2	4	16	8	8	39	$ 6,045
3.2.14	Update roadway quantities for Office Check	1	2	8	24	32		67	$ 9,545
	Roadway Office Check Design Arterial, Sidestreets, & Local Access Subtotal	**2**	**26**	**112**	**308**	**292**	**54**	**794**	**$ 115,610**
3.3	**Roadway Office Check Plan Development**								
3.3.1	Update and Finalize Title Sheet, General Notes Sheet, Survey Reference/Alignment Detail Sheets (assumes three volumes, combined interchange layout/traffic data sheet, and foundation treatment/compaction standard)		2	4	8		24	38	$ 6,200
3.3.2	Update and Finalize Typical Section Sheets (Assumes 40 typical sections including Santa Fe, I-35, ramps, sidestreets, culdesacs, roundabout, parking lots)		2	8	16	24	24	74	$ 10,980
3.3.3	Update and Finalize Plan and Profile Sheets		8	24	40	40	80	192	$ 29,680
3.3.4	Update and Finalize Curb Profile Sheets (assumes widening for portions of Santa Fe and for new curb lines on Mur-Len and Clairborne)		1	4	12	16	24	57	$ 8,470
3.3.5	Create entrance profiles with superelevation transitions on profiles (assumes 54 entrances)		2	8	24	40	60	134	$ 19,820
3.3.6	Update and Finalize Intersection Detail Sheets for all curb returns for street intersections (assumes 21 curb returns) and commercial entrances (assumes 88 curb returns).		1	8	16	48	24	97	$ 13,630
3.3.7	Update and Finalize Roundabout Detail Sheets (assumes 5 sheets)		2	4	8	8	6	28	$ 4,280
3.3.8	Update and Finalize Grading Plans for Interchange Infields and areas not covered by cross sections (50' Scale) - (Assumes 3 sheets)		2	6	12	16	24	60	$ 9,070
3.3.9	Finalize Modified ISRW Plan/Profile sheet (assumes 1 Modified ISRW). Assumes the other 14 wall profiles are contained within structural sheets)		1	2	8	8	12	31	$ 4,640
3.3.10	Create Removals Plan Sheets		2	12	32	60	24	130	$ 18,360
3.3.11	Create Right-of-Way Plan Sheets		2	8	24	40	24	98	$ 14,060
3.3.12	Develop CSB Layout sheets		2	4	8	24	32	70	$ 10,360
3.3.13	Develop Guardrail Layout sheets		2	4	8	16	20	50	$ 7,480
3.3.14	Develop Jointing Plan Sheets for Interchange and Ramps		4	4	16	24	60	108	$ 16,460
3.3.15	Develop Gore Detail Sheets		2	4	16	24	32	78	$ 11,520
3.3.16	Develop Superelevation Plan Sheets for interchange ramps only		2	4	8	24	32	70	$ 10,360
3.3.17	Update and Finalize Roadway Cross Sections for all street improvements (assumes 50' interval)		8	40	100	80	60	288	$ 42,940
3.3.18	Add Olathe Standard Details to Plans based on assumed year of details to be used for construction		2	6	12		16	36	$ 5,870
3.3.19	Perform Interdisciplinary Reviews			24				24	$ 4,440
3.3.20	Create and update exhibits for design and coordination meetings (Assume 3 meetings)		2	6	12		20	40	$ 6,510
3.3.21	Prepare deliverables for Office Check Plan Submittal (includes KDOT 1304 and 1307 forms, assumes City will handle KDOT 1306 form)		2	4	8		12	26	$ 4,280
	Roadway Office Check Plan Development Subtotal		**51**	**188**	**388**	**492**	**610**	**1729**	**$ 259,410**

EXHIBIT A - Scope of Services - 3-C-025-18

Santa Fe, Ridgeview to Mur-Len - Supplemental Agreement #3 7/17/2024		Senior Project Manager	Senior Technical Advisor	Project Engineer	Design Engineer	Engineer	Technician/ Graphics	Total	Total Costs
Item of Work		$285	$230	$185	$145	$120	$160		
3.4	**Drainage Design & Office Check Plans**								
3.4.1	Meet with Olathe to Review Updated Drainage Layout		4	4		1		9	$ 1,780
3.4.2	Site Visit to Confirm Latest Design and Current Conditions			4		4		8	$ 1,220
3.4.3	Update Drainage Areas		8	30		60		98	$ 14,590
3.4.4	Update Curb Inlet Design (7 Miles of Drainable Edge, 250 Inlets)		8	30		60		98	$ 14,590
3.4.5	Update Pipe Systems (Including Outfalls and Tie-Ins to Existing Systems for KDOT and Olathe)		8	30		60		98	$ 14,590
3.4.6	Update Storm Sewer Pipe Calculations		4	16		32		52	$ 7,720
3.4.7	Update Outlet Protection		2	8		16		26	$ 3,860
3.4.8	Update Pipe Profile Sheets		12	40		100	40	192	$ 28,560
3.4.9	Update Construct Notes on Roadway Plan Sheets		4	30		60	8	102	$ 14,950
3.4.10	Update Drainage Area Map Sheet		4	12		16	32	64	$ 10,180
3.4.11	Update Drainage Calculation Table and Sheet		4	20		40	16	80	$ 11,980
3.4.12	Update Ditch Capacity Calcs, Design Special Ditches and Determine Permanent Ditch Protection		4	12		24		40	$ 6,020
3.4.13	Update Design to Mitigate Potential Downstream Impacts to Affected Outfalls (Inlcudes Updates to the Comparison Hydrology, Creating a Hec-HMS Model, and Updating the Model)		4	32		16		52	$ 8,760
3.4.14	Update RCB Plan and Profile Sheets		4	16		24	16	60	$ 9,320
3.4.15	Update LIndenwood Hydraulic Model with Santa Fe Project Design and Overall Refinements		6	24				30	$ 5,820
3.4.16	Design Erosion Control (Includes Phased Plan Sheets) and include applicable details. Includes kickoff meeting with Olathe/KDOT to review and concur on overall approach and design assumptions.		16	60		120	60	256	$ 38,780
3.4.17	Temporary Drainage Design and Sequencing		12	40		60		112	$ 17,360
3.4.18	Removal of Drainage Structures (Design and Tables)		4	8		32	8	52	$ 7,520
3.4.19	Update Drainage Quantities and Cost Estimate			16		40	8	64	$ 9,040
3.4.20	Submit Preliminary Plans to County SMP for Review (Fill out Required Checklist)		1	2		4		7	$ 1,080
3.4.21	Refine Parking Lot Drainage		16	24			24	64	$ 11,960
3.4.22	Perform Interdisciplinary Reviews		16					16	$ 3,680
									$ -
	Drainage Design & Office Check Plans Subtotal		**141**	**458**		**769**	**212**	**1580**	**$ 243,360**
3.5	**Water Design & Office Check Plans**								
3.5.1	Meet with Olathe to Review Updated Waterline Layout		4	4	1			9	$ 1,805
3.5.2	Site Visit to Confirm Latest Design and Current Conditions			4	4			8	$ 1,320
3.5.3	Update Horizontal Waterline Alignments (13,000 LF Total along Santa Fe, Rogers Road, Spruce, Lindenwood, Winchester, and Various Side Streets)		16	24	60		24	124	$ 20,660
3.5.4	Update Waterline Layout Sheet and General Notes			4	8		8	20	$ 3,180
3.5.5	Update Vertical Waterline Alignments (13,000 LF Total along Santa Fe, Rogers Road, Spruce, Lindenwood, Winchester, and Various Side Streets)		16	48	120		16	200	$ 32,520
3.5.6	Update Waterline Plan/Profile Sheets		16	48	120		60	244	$ 39,560
3.5.7	Update Waterline Quantities and Cost Estimate			12	24			36	$ 5,700
3.5.8	Design Restrained Joints			12	24			36	$ 5,700
3.5.9	Design Connection Details			40	80		8	128	$ 20,280
3.5.10	Perform Interdisciplinary Reviews		8					8	$ 1,840
									$ -
	Water Design & Office Check Plans Subtotal		**60**	**196**	**441**		**116**	**813**	**$ 132,565**
3.6	**Sewer Design & Office Check Plans**								
3.6.1	Meet with Olathe to Review Updated Sanitary Sewer Layout		4	4	1			9	$ 1,805
3.6.2	Site Visit to Confirm Latest Design and Current Conditions			4	4			8	$ 1,320
3.6.2	Sanitary Service Lines (Obtain Information and Design)		2	16	16			34	$ 5,740
3.6.3	Update Horizontal Sanitary Sewer Alignments (3,200 LF Total, Lines A-I)		8	8	16			32	$ 5,640
3.6.4	Update Sanitary Sewer Layout Sheet and General Notes			4	8		8	20	$ 3,180
3.6.5	Update Design of Sanitary Sewer Pipe Systems (3,200 LF Total, Lines A-I)		8	24	60		10	102	$ 16,580
3.6.6	Create Sanitary Sewer Plan/Profile Sheets		5	24	60		60	149	$ 23,890
3.6.7	Update Sanitary Sewer Quantities and Cost Estimate			12	24			36	$ 5,700
3.6.8	Perform Interdisciplinary Reviews		8					8	$ 1,840
									$ -
	Sewer Design & Office Check Plans Subtotal		**35**	**96**	**189**		**78**	**398**	**$ 65,695**
3.7	**Stormwater Control Measure Design**								
3.7.1	Update SCM Design based on review comments and geotechnical field investigations and report		12	40	40			92	$ 15,960
3.7.2	Update SCM Plan Sheets		4	20	40		20	84	$ 13,620
3.7.2	Develop and refine SCM details for Plans		8	30	30		20	88	$ 14,940
3.7.3	Create Office Check SCM Submittal Package		12	30	30		24	96	$ 16,500
									$ -
	Stormwater Control Measure Design Subtotal		**36**	**120**	**140**		**64**	**360**	**$ 61,020**
3.8	**Structural Management & Coordination**								
3.8.1	Discipline Meetings, Management and Staffing		80	24	24	24	24	176	$ 33,040
3.8.2	Structural Interdisciplinary & Technical Reviews	16	24	8	8		16	72	$ 15,280
3.8.3	Structural Project Specifications	2	12	24				38	$ 7,770
3.8.4	Pre-Office Check Load Rating Submittal		4		4			8	$ 1,500
3.8.5	90% Structural Cost Estimate		4	16	12			32	$ 5,620
									$ -
	Structural Management & Coordination Subtotal	**18**	**124**	**72**	**48**	**24**	**40**	**326**	**$ 63,210**

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Santa Fe, Ridgeview to Mur-Len - Supplemental Agreement #3 7/17/2024		Senior Project Manager	Senior Technical Advisor	Project Engineer	Design Engineer	Engineer	Technician/ Graphics	Total	Total Costs
Item of Work		$285	$230	$185	$145	$120	$160		
3.9	**Santa Fe over I-35: Bridge Design**								
3.9.1	Bridge Surface, Geometry and Clearances		12		36	24		72	$ 10,860
3.9.2	Longitudinal Stiffness and Movements		4	12	16			32	$ 5,460
3.9.3	Transverse Stiffness and Movements		12	24	32			68	$ 11,840
3.9.4	Expansion Joints (3 Longit. Strip Seals, 6 Appr. Slab Seals)		8		32	16		56	$ 8,400
3.9.5	Fascia Barriers (Custom - Above Raised Median)		4	8	4			16	$ 2,980
3.9.6	Signal Truss Pylon Collision Protection		16	32		16		64	$ 11,520
3.9.7	Deck Slabs - Beam-to-Beam and Overhangs		4		60	32		96	$ 13,460
3.9.8	Steel Superstr. Design (E.Bd. & W.Bd.) - Line Analysis		12		160	120		292	$ 40,360
3.9.9	Steel Superstr Design (S. & N. Ramps) - Refined Analysis		40	360	240			640	$ 110,600
3.9.10	Steel Superstr. - Displacements and Reactions		16	60	48			124	$ 21,740
3.9.11	Steel Superstr. - Field Splices & End Connections		24	120		80		224	$ 37,320
3.9.12	Steel Superstr. - Diaphragms		12		132	68		212	$ 30,060
3.9.13	Steel Superstr. - Signal Truss Pylon Transfer Beams		12	60		40		112	$ 18,660
3.9.14	Steel Superstr. - Stiffeners		8		32	16		56	$ 8,400
3.9.15	Abutment Bolsters		2		24	16		42	$ 5,860
3.9.16	Pier Bearings		2		24	16		42	$ 5,860
3.9.17	Abutments & Foundations (4 Designs)		16	160	96			272	$ 47,200
3.9.18	Piers & Foundations (2 Designs)		16	80	120			216	$ 35,880
3.9.19	Live Load Ratings (E.Bd. & W.Bd.)		4		32	20		56	$ 7,960
3.9.20	Live Load Ratings and Calibration (S. & N. Ramps)		24	120	96			240	$ 41,640
3.9.21	90% Structural Quantities (excl. Rebar)		4		32	24		60	$ 8,440
									$ -
	Santa Fe over I-35: Bridge Design Subtotal		**252**	**1036**	**1216**	**488**		**2992**	**$ 484,500**
3.10	**Santa Fe over Rogers: Bridge Design**								
3.10.1	Bridge Surface, Geometry and Clearances		4		20	12		36	$ 5,260
3.10.2	Precast Arch Loading & Supplier Coordination		12	32	24			68	$ 12,160
3.10.3	Global Analysis & Soil Structure Interaction		40	160	120			320	$ 56,200
3.10.4	Stem Walls & Foundations		4	24	40			68	$ 11,160
3.10.5	Headwalls		8		80	56		144	$ 20,160
3.10.6	Retaining Wall Interface Geometry		2		24	12		38	$ 5,380
3.10.7	90% Structural Quantities (excl. Rebar)		4		8	16		28	$ 4,000
									$ -
	Santa Fe over Rogers: Bridge Design Subtotal		**74**	**216**	**316**	**96**		**702**	**$ 114,320**
3.11	**Bridge Plans**								
3.11.1	**Santa Fe over I-35: Common Details**								$ -
3.11.1.1	Bridge Quantity Summary and Sheet Index		4		10	4	16	34	$ 5,410
3.11.1.2	General Notes & Structural Steel Notes		8	24	16		16	64	$ 11,160
3.11.1.3	Contour Map		4	4	8		12	28	$ 4,740
3.11.1.4	Interchange Roadway Information		12		20	8	36	76	$ 12,380
3.11.1.7	Bridge Stds (Excavation, Supports and Spacers, Pile Details)				2	2	4	8	$ 1,170
									$ -
3.11.2	**Santa Fe over I-35: 35-46-218.07 South Ramps**								$ -
3.11.2.1	Construction Layout		4	12	8		20	44	$ 7,500
3.11.2.2	Engineering Geology		4	8	4		16	32	$ 5,540
3.11.2.3	Abutment Details		4	8	20		40	72	$ 11,700
3.11.2.4	Abutment Backfill Details		2	2	6		12	22	$ 3,620
3.11.2.5	Pier Details		8	8	20		40	76	$ 12,620
3.11.2.6	Bearing Details		2		6	2	16	26	$ 4,130
3.11.2.7	Framing Plan		4	8	4		20	36	$ 6,180
3.11.2.8	Girder Details		4	8	16		40	68	$ 11,120
3.11.2.9	Diaphragm Details		4	4	8		28	44	$ 7,300
3.11.2.10	Field Splice and End Connection Details		4	12	4		28	48	$ 8,200
3.11.2.11	Miscellaneous Steel Details		2		12	4	12	30	$ 4,600
3.11.2.12	Steel Erection, Fit-Up & Bolting Procedure				1	1	1	3	$ 425
3.11.2.13	Slab Plan		4		16	12	40	72	$ 11,080
3.11.2.14	Slab Details		2		6	2	20	30	$ 4,770
3.11.2.15	Dead Load Deflections		4		4	2	12	22	$ 3,660
3.11.2.16	Roadway Surface Elevations		4		4	2	12	22	$ 3,660
3.11.2.17	Barrier Rail Details		2		2	6	16	26	$ 4,030
3.11.2.18	Median and Curb Details		2		2	6	16	26	$ 4,030
3.11.2.19	Handrail/Fence Details		4	8		4	24	40	$ 6,720
3.11.2.20	Bill of Reinforcing		2	8		2	12	24	$ 4,100
									$ -
3.11.3	**Santa Fe over I-35: 35-46-218.08 E.Bd.**								$ -
3.11.3.1	Construction Layout		4	12	8		16	40	$ 6,860
3.11.3.2	Engineering Geology		2		6	2	16	26	$ 4,130
3.11.3.3	Abutment Details		2		12	8	24	46	$ 7,000
3.11.3.4	Abutment Backfill Details			2	4		8	14	$ 2,230
3.11.3.5	Pier Details		4		16	12	40	72	$ 11,080
3.11.3.6	Bearing Details			2	4		6	12	$ 1,910
3.11.3.7	Framing Plan		2	8	4		12	26	$ 4,440
3.11.3.8	Girder Details		2	2	4		12	20	$ 3,330
3.11.3.9	Diaphragm Details		2	8	4		8	22	$ 3,800
3.11.3.10	Field Splice Details		2	8	4		8	22	$ 3,800
3.11.3.11	Miscellaneous Steel Details		2		4	2	8	16	$ 2,560
3.11.3.12	Steel Erection, Fit-Up & Bolting Procedure				1	1	1	3	$ 425
3.11.3.13	Slab Plan		2		10	6	16	34	$ 5,190
3.11.3.14	Slab Details		2		6	2	12	22	$ 3,490
3.11.3.15	Dead Load Deflections		2		4	6	8	20	$ 3,040
3.11.3.16	Roadway Surface Elevations		2		4	6	8	20	$ 3,040
3.11.3.17	Expansion Joint Details		2	4	12		18	36	$ 5,820
3.11.3.18	Median and Curb Details				2	6	8	16	$ 2,290
3.11.3.19	Bill of Reinforcing				2	8	8	18	$ 2,530

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Santa Fe, Ridgeview to Mur-Len - Supplemental Agreement #3 **7/17/2024**		**Senior Project Manager**	**Senior Technical Advisor**	**Project Engineer**	**Design Engineer**	**Engineer**	**Technician/ Graphics**	**Total**	**Total Costs**
	Item of Work	$285	$230	$185	$145	$120	$160		
									$ -
3.11.4	**Santa Fe over I-35: 35-46-218.09 W.Bd.**								$ -
3.11.5	Construction Layout		4	12	8		16	40	$ 6,860
3.11.6	Engineering Geology				6	2	16	24	$ 3,670
3.11.7	Abutment Details				12	8	24	44	$ 6,540
3.11.8	Abutment Backfill Details			2	4		8	14	$ 2,230
3.11.9	Pier Details		2		16	12	40	70	$ 10,620
3.11.10	Bearing Details			2	4		6	12	$ 1,910
3.11.11	Framing Plan		2	8	4		12	26	$ 4,440
3.11.12	Girder Details		2	2	4		12	20	$ 3,330
3.11.13	Diaphragm Details			8	4		8	20	$ 3,340
3.11.14	Field Splice Details			8	4		8	20	$ 3,340
3.11.15	Miscellaneous Steel Details				4	2	8	14	$ 2,100
3.11.16	Steel Erection, Fit-Up & Bolting Procedure				1	1	1	3	$ 425
3.11.17	Slab Plan		2		10	6	16	34	$ 5,190
3.11.18	Slab Details		2		6	2	12	22	$ 3,490
3.11.19	Dead Load Deflections				4	6	8	18	$ 2,580
3.11.20	Roadway Surface Elevations				4	6	8	18	$ 2,580
3.11.21	Expansion Joint Details		2	2	6		8	18	$ 2,980
3.11.22	Median and Curb Details				2	6	8	16	$ 2,290
3.11.23	Bill of Reinforcing				2	8	8	18	$ 2,530
									$ -
3.11.5	**Santa Fe over I-35: 35-46-218.10 North Ramps**								$ -
3.11.5.1	Construction Layout		4	12	8		20	44	$ 7,500
3.11.5.2	Engineering Geology				6	2	16	24	$ 3,670
3.11.5.3	Abutment Details		2		12	8	40	62	$ 9,560
3.11.5.4	Abutment Backfill Details			2	6		12	20	$ 3,160
3.11.5.5	Pier Details		2		16	12	40	70	$ 10,620
3.11.5.6	Bearing Details				6	2	16	24	$ 3,670
3.11.5.7	Framing Plan		4	8	4		20	36	$ 6,180
3.11.5.8	Girder Details		2	8	16		40	66	$ 10,660
3.11.5.9	Diaphragm Details		2	4	8		28	42	$ 6,840
3.11.5.10	Field Splice and End Connection Details		2	12	4		28	46	$ 7,740
3.11.5.11	Miscellaneous Steel Details				12	4	12	28	$ 4,140
3.11.5.12	Steel Erection, Fit-Up & Bolting Procedure				1	1	1	3	$ 425
3.11.5.13	Slab Plan		4		16	12	40	72	$ 11,080
3.11.5.14	Slab Details		2		6	2	20	30	$ 4,770
3.11.5.15	Dead Load Deflections				4	2	12	18	$ 2,740
3.11.5.16	Roadway Surface Elevations				4	2	12	18	$ 2,740
3.11.5.17	Barrier Rail Details				2	6	16	24	$ 3,570
3.11.5.18	Median and Curb Details				2	6	16	24	$ 3,570
3.11.5.19	Handrail/Fence Details		2	8		4	24	38	$ 6,260
3.11.5.20	Bill of Reinforcing			8		2	12	22	$ 3,640
									$ -
3.11.6	**Santa Fe over Rogers**								$ -
3.11.6.1	Bridge Quantity Summary & Sheet Index		4	8		4	12	28	$ 4,800
3.11.6.1	General Notes		8	16	2		8	34	$ 6,370
3.11.6.2	Construction Layout		4	12	8		16	40	$ 6,860
3.11.6.3	Engineering Geology		4	8	8		16	36	$ 6,120
3.11.6.4	Drilled Shaft Details		4	6	10		16	36	$ 6,040
3.11.6.5	Stem Wall Details		4	8	16		28	56	$ 9,200
3.11.6.6	Typical Section		4	8		4	16	32	$ 5,440
3.11.6.7	Precast Arch Requirements		2		4	2	12	20	$ 3,200
3.11.6.8	Headwall Elevations & Details		4	18	12		48	82	$ 13,670
3.11.6.9	Wall Interface Details		4	8	4		16	32	$ 5,540
3.11.6.10	Miscellaneous Details		4	10		6	16	36	$ 6,050
3.11.6.11	Cross Sections		2	8		4	24	38	$ 6,260
3.11.6.12	Bill of Reinforcing				6	2	8	16	$ 2,390
									$ -
	Bridge Plans Subtotal		**216**	**376**	**618**	**262**	**1634**	**3106**	**$ 501,730**
3.12	**Miscellaneous Structure Design**								
3.12.1	Aesthetic Elements (Barrier Pylons, Custom Handrail)		8		30	18		56	$ 8,350
3.12.2	Expansion Joints (Appr. Slab Seals)		2		8	4		14	$ 2,100
3.12.3	Santa Fe over I-35 Signal Truss Global Analysis		24	140	40			204	$ 37,220
3.12.4	Santa Fe over I-35 Signal Truss Members		16	60	32			108	$ 19,420
3.12.5	Santa Fe over I-35 Signal Truss Connections		16	32	60			108	$ 18,300
3.12.6	Santa Fe over I-35 Signal Truss Pylons		16	80	40			136	$ 24,280
3.12.7	CIP Retaining Walls (6 Total)		4		60	32		96	$ 13,460
3.12.8	RCB 20x2.5		2		16	24		42	$ 5,660
3.12.9	RCB Transitions		2		12	16		30	$ 4,120
3.12.10	RCB Walls at Pipe Penetrations		2		8	12		22	$ 3,060
3.12.11	Non-RCB Drainage Structures		4		12	16		32	$ 4,580
									$ -
	Miscellaneous Structure Design Subtotal		**96**	**312**	**318**	**122**		**848**	**$ 140,550**

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Santa Fe, Ridgeview to Mur-Len - Supplemental Agreement #3 7/17/2024		Senior Project Manager	Senior Technical Advisor	Project Engineer	Design Engineer	Engineer	Technician/ Graphics	Total	Total Costs
	Item of Work	$285	$230	$185	$145	$120	$160		
3.13	**Miscellaneous Structure Plans**								
3.13.1	**Roadway and Signing**								$ -
3.13.1.1	Bridge Approach Slab Plans (8 Slabs)		8	32	56		108	204	$ 33,160
3.13.1.2	Bridge Approach Standards			2	2		4	8	$ 1,300
3.13.1.3	Barrier Transitions (2 total)		2	8	12		24	46	$ 7,520
3.13.1.4	Santa Fe over I-35 Signal Truss		16	40	16		96	168	$ 28,760
3.13.1.5	Santa Fe over I-35 (S. & N. Ramps) - Bridge Mounted Sign Brackets		2	8	4		20	34	$ 5,720
									$ -
3.13.2	**MSE Retaining Walls (8 Total)**								$ -
3.13.2.1	Quantity Summary, Index, General Notes		8	16	2		12	38	$ 7,010
3.13.2.2	Plan and Elevation Sheets		8		36	16	120	180	$ 28,180
3.13.2.3	Typical Sections		4	4	12		28	48	$ 7,880
3.13.2.4	Common MSE Details		4		8	4	24	40	$ 6,400
3.13.2.5	Miscellaneous Details		4		6	4	16	30	$ 4,830
									$ -
3.13.3	**CIP Retaining Walls (3 New, 3 Rehab)**								$ -
3.13.3.1	Quantity Summary, Index, General Notes		8	16	2		12	38	$ 7,010
3.13.3.2	Plan and Elevation Sheets		4	16	8		48	76	$ 12,720
3.13.3.3	Typical Sections		2		12	6	36	56	$ 8,680
3.13.3.4	Reinforcing Details		2		18	12	36	68	$ 10,270
3.13.3.5	Bill of Reinforcing				2	4	8	14	$ 2,050
3.13.3.6	Supports and Spacers Standard				1	1	1	3	$ 425
									$ -
3.13.4	**ISRW Retaining Wall (1 Total)**								$ -
3.13.4.1	Olathe Standard Details				4	2	4	10	$ 1,460
3.13.4.2	Handrail Details (Common for All Walls)				2	4	8	14	$ 2,050
									$ -
3.13.5	**Drainage**								$ -
3.13.5.1	Geometric Layout		2		10	4	30	46	$ 7,190
3.13.5.2	6'x5' RCB Details				4	8	12	24	$ 3,460
3.13.5.3	7'x5' RCB Details		2		4	8	12	26	$ 3,920
3.13.5.4	10'x5' RCB Details		2		4	8	12	26	$ 3,920
3.13.5.5	20'x2.5' RCB Details		4		8	6	18	36	$ 5,680
3.13.5.6	RCB Transition and End Details		4		12	8	24	48	$ 7,460
3.13.5.7	RCB Misc. Details (Pipe Openings, Access, Connections)		4		12	8	36	60	$ 9,380
3.13.5.8	RCB Quantities		2		12	16		30	$ 4,120
									$ -
	Miscellaneous Structure Plans Subtotal		**92**	**142**	**269**	**119**	**749**	**1371**	**$ 220,555**
3.14	**Signing and Pavement Marking**								
3.14.1	Organize, review and resolve Traffic Engineering comments	2		12	8		4	26	$ 4,590
3.14.2	Update Sign Detail Layout Sheets	1		4	8		8	21	$ 3,465
3.14.3	Finalize Sign Removal Sheets	1		2	4	4	8	19	$ 2,995
3.14.4	Finalize pavement marking and signing layout			2	8	16		26	$ 3,450
3.14.5	Finalize pavement marking plans sheets	1		2	4	8	8	23	$ 3,475
3.14.6	Finalize permanent signing plan sheets including KDOT standard sign symbols			4	8	24	24	60	$ 8,620
3.14.7	Finalize pavement marking quantities and develop tables for plans			2	4	16	8	30	$ 4,150
3.14.8	Develop permanent signing quantities using KDOT standard details and tables	1		12	24	40	24	101	$ 14,625
3.14.9	Coordination with KDOT for overhead sign structure cross sections and details and incorporate into plans	4		8	4		12	28	$ 5,120
3.14.10	Perform Interdisciplinary Reviews		8	8				16	$ 3,320
	Signing and Pavement Marking Subtotal	**10**	**8**	**56**	**72**	**108**	**96**	**350**	**$ 53,810**
3.15	**MOT and Construction Sequencing**								
3.15.1	Organize, review and resolve Traffic Engineering comments	4		12	24			40	$ 6,840
3.15.2	Update/Finalize traffic control typical sections	1	1	4	4	8	12	30	$ 4,715
3.15.3	Update/Finalize traffic control plans (includes necessary temporary roads, ramps and driveways)	4	4	16	24	40	40	128	$ 19,700
3.15.4	Update/Finalize traffic detour plans for each proposed closure (assumes up to 8 detour plans for vehicular traffic).	1	1	4	12	24	8	50	$ 7,155
3.15.4	Update/Finalize pedestrian detour plans for each proposed closure (assumes up to 6 detour plans forpedestrians).	1	1	4	8	16	8	38	$ 5,615
3.15.5	Develop traffic control quantities and include in plans	2	2	12	40	40	20	116	$ 17,050
3.15.6	Perform Interdisciplinary Reviews		8	8				16	$ 3,320
									$ -
	MOT and Construction Sequencing Subtotal	**13**	**17**	**60**	**112**	**128**	**88**	**418**	**$ 64,395**
3.16	**Lighting, Signals, Fiber Final Design and Plans**								
3.16.1	Organize, review and resolve Traffic Engineering comments			12	24			36	$ 5,700
3.16.2	Prepare Office Check KDOT Lighting Plans			10			4	14	$ 2,490
3.16.3	Prepare Office Check Street Lighting Plans			12			8	20	$ 3,500
3.16.4	Prepare Office Check Traffic Signal Plans			16			8	24	$ 4,240
3.16.5	Prepare Office Check Fiber Optic Plans			10			4	14	$ 2,490
3.16.6	Finalize Special Details for Lighting, Traffic Signal & Fiber Optic Systems			24			8	32	$ 5,720
3.16.7	Finalize Parking Lot Lighting Modification Design			10			4	14	$ 2,490
3.16.8	Update Quantities and Cost Estimate			10			4	14	$ 2,490
3.16.9	Perform Discipline Quality Control and Interdisciplinary Reviews		22	4			2	28	$ 6,120
									$ -
	Lighting, Signals, Fiber Final Design and Plans Subtotal		**22**	**108**	**24**		**42**	**196**	**$ 35,240**

EXHIBIT A - Scope of Services - 3-C-025-18

Santa Fe, Ridgeview to Mur-Len - Supplemental Agreement #3 7/17/2024		Senior Project Manager	Senior Technical Advisor	Project Engineer	Design Engineer	Engineer	Technician/ Graphics	Total	Total Costs
	Item of Work	$285	$230	$185	$145	$120	$160		
3.17	**KDOT Intelligent Transportation Systems (ITS) / KC Scout - Final Design and Plans**								
3.17.1	Organize, review and resolve Traffic Engineering comments			12	24			36	$ 5,700
3.17.2	Coordinate with KDOT ITS and KC Scout (CCTV Camera)	2		2				4	$ 940
3.17.3	Coordinate with KDOT Planning (Weigh-In-Motion)	1		1				2	$ 470
3.17.4	Update General Notes			1				1	$ 185
3.17.5	Finalize Location Map Sheet			1			1	2	$ 345
3.17.6	Revise Plans			20	8		2	30	$ 5,180
3.17.7	Revise Details and Specifications			8	2		2	12	$ 2,090
3.17.8	Revise Quantities			4	4			8	$ 1,320
3.17.9	Fiber Splice Diagrams	1		8	2			11	$ 2,055
3.17.10	Revise Engineer's Estimate	1		2				3	$ 655
3.17.11	General Supervision and Coordination of ITS tasks	4						4	$ 1,140
3.17.12	Perform Discipline Quality Control Interdisciplinary Reviews	4		5	4			13	$ 2,645
									$ -
	KDOT Intelligent Transportation Systems (ITS) / KC Scout - Final Design and Plans Subtotal	**13**		**64**	**44**		**5**	**126**	**$ 22,725**
3.18	**Corridor Aesthetics & Landscaping - Final Design and Plans**								
3.18.1	Prepare 90% plans for corridor aesthetics and landscaping improvements		8	80		132		220	$ 32,480
3.18.2	Prepare a preliminary estimate of probable construction cost for landscape plantings		4	8		8		20	$ 3,360
3.18.3	Perform Discipline Quality Control Interdisciplinary Reviews		4	4				8	$ 1,660
									$ -
	Corridor Aesthetics & Landscaping - Final Design and Plans Subtotal		**16**	**92**		**140**		**248**	**$ 37,500**
3.19	**Quantities and Cost Estimates**								
3.19.1	Prepare earthwork quantities and earthwork summary tables (assumes no phased cross sections and all excavation is unclassified)		4	16	40	16	4	80	$ 12,240
3.19.2	Develop quantity summary tables and recap in plans		4	18	28	88	32	170	$ 23,990
3.19.3	Develop and update construction cost estimate for office check (90%) submittal	4	4	8	24	40		80	$ 11,820
3.19.4	Develop and update project cost estimate (includes construction, proposed utility relocation, and proposed right-of-way and easements)	4	4	8	16	24	4	60	$ 9,380
									$ -
	Quantities and Cost Estimates Subtotal	**8**	**16**	**50**	**108**	**168**	**40**	**390**	**$ 57,430**
3.20	**Utility Coordination**								
3.20.1	General Correspondence - Phone calls and emails with utility owners, coordination meetings with owners (assumed 2 per owner @ 1 hr), record and distribute meeting documentation (12 utility owners)		24	24				48	$ 9,960
3.20.2	Utility Relocation Masterplan - Update and maintain color utility masterplan exhibit showing project design, existing utilities, and coordinated relocation concept alignments		16	16				32	$ 6,640
3.20.3	Utility Relocation Schedule - Update and maintain preliminary utility relocation schedule in relation to assumed project schedule	1	20	12				33	$ 7,105
3.20.4	Utility Relocation Cost Estimate & Agreements - Verify reimbursable existing utility easements, update and maintain estimate of reimbursable utility relocation costs	1	16		20	12		49	$ 8,305
3.20.5	Utility Owner Relocation Plan Review - Review utility owner relocation plans and verify vs project improvements.		32	16	12		8	68	$ 13,340
3.20.6	General Coordination for continued support to prepare for and during Relocations - Cutting cross-sections, providing exhibits & misc. info, answering questions		60		30			90	$ 18,150
									$ -
	Utility Coordination Subtotal	**2**	**168**	**68**	**62**	**12**	**8**	**320**	**$ 63,500**
3.21	**Quality Assurance**								
3.21.1	Senior Technical Review, Visual Check and Quality Assurance of Office Check Plans and Cost Estimate	60	60					120	$ 30,900
									$ -
	Quality Assurance Subtotal	**60**	**60**					**120**	**$ 30,900**
3.22	**Project Management/Administration**								
3.22.1	Schedule, coordinate, and attend bi-weekly external project team virtual calls for I-35 and Santa Fe corridor improvements project (Olathe) for assumed 10 months of overall 20 months office check schedule. Includes to update and maintain a project schedule, critical path, and action items.	40		40				80	$ 18,800
3.22.2	Pre-Office Check Meeting at HNTB. Schedule, coordinate, and attend (Review deliverable comments and discuss actions for next stage of work)	8		8				16	$ 3,760
3.22.3	Office Check Meeting at HNTB. Schedule, coordinate, and attend (Review deliverable comments and discuss actions for next stage of work which assumes to be completed in SA4)	16		16				32	$ 7,520
3.22.4	Ongoing communication with City of Olathe and task leads (for assumed 10 months of overall 20 months office check schedule.)	40		40				80	$ 18,800
3.22.5	Monthly internal project review meetings, budget set-up and tracking, scheduling, and invoice preparation for assumed 10 months of overall 20 months office check schedule.	30		20	20			70	$ 15,150
	Project Management/Administration Subtotal	**134**		**124**	**20**			**278**	**$ 64,030**
	3.0 Office Check Phase - Final Design and Plans Submittal Subtotal	**265**	**1530**	**4034**	**4921**	**3420**	**3860**	**18030**	**$ 2,915,260**

EXHIBIT A - Scope of Services - 3-C-025-18

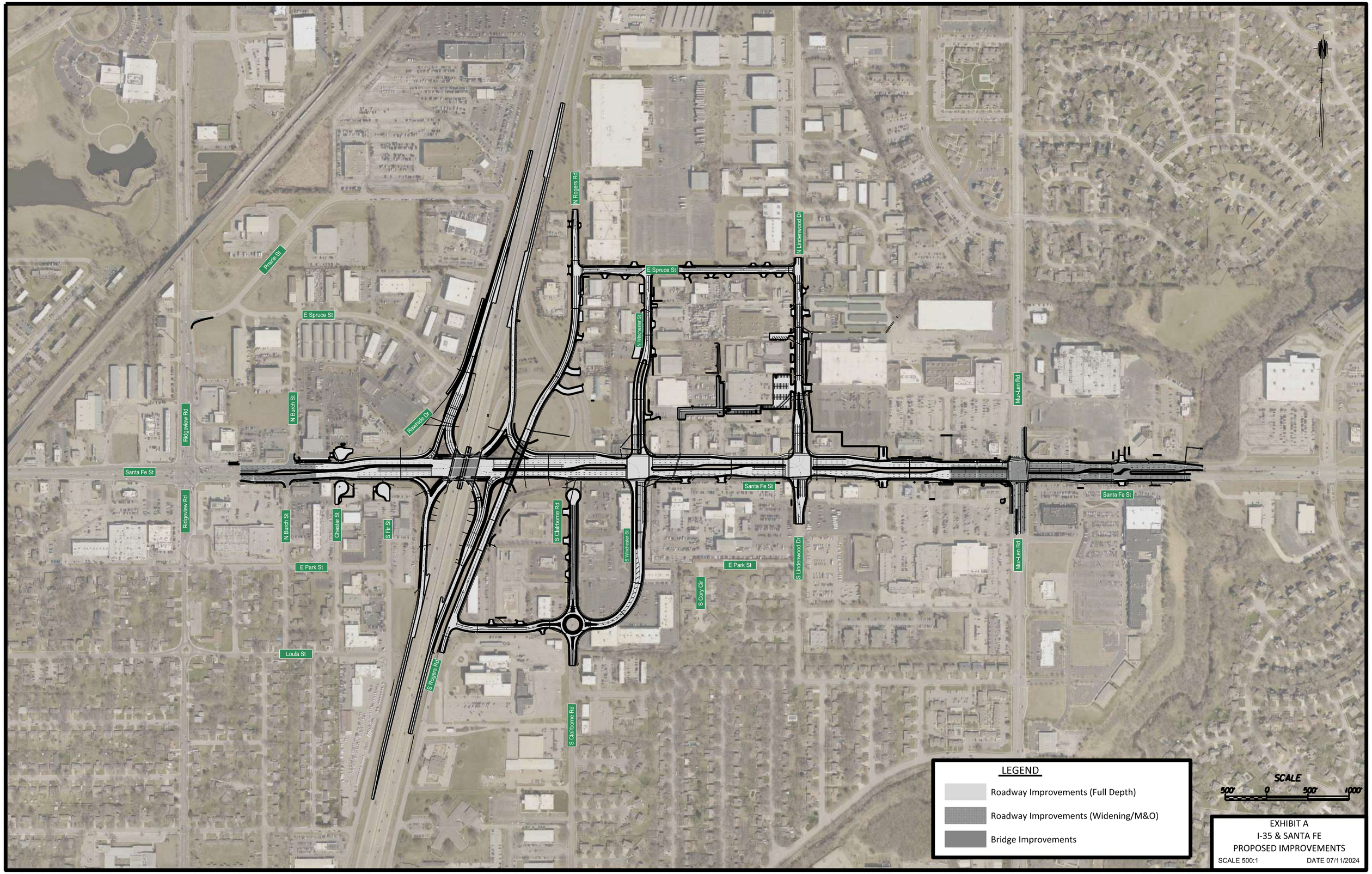
Santa Fe, Ridgeview to Mur-Len - Supplemental Agreement #3 7/17/2024	Senior Project Manager	Senior Technical Advisor	Project Engineer	Design Engineer	Engineer	Technician/ Graphics	Total	Total Costs
Item of Work	$285	$230	$185	$145	$120	$160		
Total	**265**	**1530**	**4034**	**4921**	**3420**	**3860**	**18030**	**$ 2,915,260**

Fee Summary

Labor:	Senior Project Manager @ $285/hour	75,525
	Senior Technical Advisor @ $230/hour	351,900
	Project Manager @ $185/hour	746,290
	Project Engineer @ $145/hour	713,545
	Engineer @ $120/hour	410,400
	Technician/Graphics @ $160/hour	617,600
3.0 Office Check Phase - Final Design and Plans Submittal Estimated Labor Costs =		**$ 2,915,260**
Expenses:	Printing/Plotting/Travel =	5,000
	Ecosytems (Irrigation Design) =	6,000
3.0 Office Check Phase - Final Design and Plans Submittal Total Expenses =		**$ 11,000**
3.0 Office Check Phase - Final Design and Plans Submittal Total Costs =		**$ 2,926,260**

1.0 ROW Phase Total Costs =	$	1,857,120
2.0 KDOT Traffic Engineering Submittal Total Costs =	$	571,185
3.0 Office Check Phase - Final Design and Plans Submittal Total Costs =	$	2,926,260
Supplemental No. 3 (SA3) Total Costs =	**$**	**5,354,565**

Original Contract =	$	499,345
Revised Upper Limit with SA1 =	$	2,647,205
Revised Upper Limit with SA2 =	$	4,347,175
Total SA3 =	**$**	**5,354,565**
Revised Upper Limit with SA3 =	**$**	**9,701,740**


Prairie St
E Spruce St
N Burch St
Ridgeview Rd
Rowlinda Dr
N Rogers Rd
N Winchester St
N Lindenwood Dr
Mur-Len Rd
Santa Fe St
Ridgeview Rd
N Burch St
Chester St
S Fir St
E Park St
Loula St
S Rogers Rd
S Claiborne Rd
S Winchester St
S Cory Cir
S Lindenwood Dr
Mur-Len Rd
Santa Fe St
LEGEND
Roadway Improvements (Full Depth)
Roadway Improvements (Widening/M&O)
Bridge Improvements
SCALE
500' 0 500' 1000'
EXHIBIT A
I-35 & SANTA FE
PROPOSED IMPROVEMENTS
SCALE 500:1
DATE 07/11/2024

July 2, 2024 **C21S0905**

Mr. Ben Will
HNTB Corporation
6300 Sprint Parkway, Suite 300
Overland Park, Kansas 66211

RE: **REQUEST FOR CHANGE FOR ADDITIONAL SERVICES / SUPPLEMENTAL AGREEMENT #3**
SANTA FE, RIDGEVIEW TO MUR-LEN IMPROVEMENTS PROJECT
CITY OF OLATHE PROJECT NO. 3-C-025-18 / HNTB PROJECT NO. 67261

Dear Mr. Will:

Kaw Valley Engineering, Inc. (KVE) is pleased to provide this proposal for additional survey services associated with the above noted project. Reference is made to the Subconsultant Agreement dated March 17, 2021, between HNTB and KVE, Supplemental Agreement No. 1 dated November 14, 2022, and Supplemental Agreement No. 2 dated September 7, 2023 (the "Agreement"). This Request for Change is being written pursuant to §7.2 of the Agreement.

ADDITIONAL SERVICES / FEES
The additional survey services will be performed in accordance with the fee basis and time schedule described herein. **This Supplemental Agreement #3 shall increase the compensation of the Agreement by $145,740 from $411,790 to a total contracted fee of $557,530 as follows:**

Description	Authorized Fee	Total Contracted Fee
Subconsultant Agreement dated 3/17/2021	$285,570	$285,570
Supplemental 1 dated 11/14/2022	$10,400	$295,970
Supplemental 2 dated 9/07/2023	$115,820	$411,790
This Proposed Supplemental 3	$145,740	$557,530

If you have any questions concerning this proposal, please do not hesitate to contact me at (913) 894-5150.

Respectfully submitted,
Kaw Valley Engineering, Inc.

Gary A. Leeds, P.E.
Principal
Attachments: Scope of Services/Fees and Attachments

SCOPE OF SERVICES
REQUEST FOR CHANGE / SUPPLEMENT #3
SANTA FE, RIDGEVIEW TO MUR-LEN IMPROVEMENTS PROJECT
OLATHE, KANSAS

TASK 1.3: PROJECT INVENTORY AND SAFETY ANALYSIS

- Administrative project set-up
- Review project requirements with HNTB
- Site visit by KVE Professional Surveyor and designated key personnel.
- Planning session with KVE Professional Surveyor and KVE survey field manager
- Project kick-off meeting, including review of project requirements, documented and included in QC/QA submittal – All team members.
- Project Safety meeting – KVE field crew and KVE survey field manager

TASK 3.3: ADDITIONAL TOPOGRAPHIC SURVEY

- Detailed topographic services on an on-call basis. Work will be limited to the estimated number of hours shown on attached **Exhibit A** for this task.
- Limits of the required areas of survey shall be defined in writing or by marked exhibit by HNTB as needed. HNTB shall provide a minimum one-week advance notice to allow KVE to schedule field markings by the utility systems.
- Utilities shall be located utilizing the Kansas One-Call System and City of Olathe Utility Marking Systems.
- KVE shall follow the items outlined in paragraph 3 (a), items (iv) through (xiii) of Exhibit A Scope of Services of the Subconsultant Agreement dated March 17, 2021.

TASK 6.3 DESCRIPTION PREPARATION: Task 6: Easement Descriptions and Exhibits

- Up to **Two Hundred Twenty-Two (222) easements/takings** will be created by KVE on HNTB-identified parcels as shown on attached **Exhibit B**.
- HNTB shall provide KVE the geometry for each taking in CAD format.
- Each easement description shall be written in accordance with Paragraph II of the Kansas Minimum Standards for Boundary Surveys adopted November 21, 2020

TASK 10.3 FIELD STAKING OF PROPOSED EASEMENTS AND RIGHT-OF-WAY (ROW)

- Perform a one-time field staking of the proposed easements and ROW for up to **Ninety-Three (93) tracts**
- Work will be limited to the estimated number of hours shown on attached **Exhibit A** for this task.

TASK 11.3 FIELD LOCATIONS OF UTILITY POTHOLING

- Location of utility pothole excavations performed by others on an on-call basis. Work will be limited to the estimated number of hours shown on **Exhibit A** for this task.
- Submittal shall be in the form of a text file (PNEZD format). Description shall include only that information provided to KVE by the utility excavator but is anticipated to be line type, material, location, size and depth below the surface.

EXCLUSIONS

- Services in this agreement are specifically limited to those listed above. All other requested services shall require a written supplemental agreement signed by HNTB and KVE prior to any effort.
- Private utility locating services are excluded.

ATTACHMENTS

Exhibit A – Compensation

Exhibit A - Compensation

Services	Quantity	Unit Price	Extension
Project Inventory and Safety Analysis:			
Task 1.3			
Principal - QC/QA Manager	1	$ 240.00	$ 240.00
Survey Project Manager - PLS	3	$ 150.00	$ 450.00
Survey Project Manager	3	$ 150.00	$ 450.00
2 - Person Survey Party with Standard Equipment	3	$ 185.00	$ 555.00
Senior CADD Technician	1	$ 125.00	$ 125.00
Survey CADD Technician	1	$ 115.00	$ 115.00
Administrative Assistant	1	$ 75.00	$ 75.00
			$ 2,010.00
Topographic Survey:			
Task 3.3			
Principal - QC/QA Manager	1	$ 240.00	$ 240.00
Survey Project Manager - PLS	10	$ 150.00	$ 1,500.00
Survey Project Manager	20	$ 150.00	$ 3,000.00
2 - Person Survey Party with Standard Equipment	80	$ 185.00	$ 14,800.00
Senior CADD Technician	10	$ 125.00	$ 1,250.00
Survey CADD Technician	80	$ 115.00	$ 9,200.00
			$ 29,990.00
Description Preparation:			
Task 6.3 (222 Takings)			
Principal - QC/QA Manager	1	$ 240.00	$ 240.00
Survey Project Manager - PLS	111	$ 150.00	$ 16,650.00
Survey Project Manager	0	$ 150.00	$ -
2 - Person Survey Party with Standard Equipment	0	$ 185.00	$ -
Senior CADD Technician	111	$ 125.00	$ 13,875.00
Survey CADD Technician	444	$ 115.00	$ 51,060.00
			$ 81,825.00
Staking of Proposed Easements:			
Task 10.3 (222 Takings)			
Principal - QC/QA Manager	1	$ 240.00	$ 240.00
Survey Project Manager - PLS	10	$ 150.00	$ 1,500.00
Survey Project Manager	10	$ 150.00	$ 1,500.00
2 - Person Survey Party with Standard Equipment	100	$ 185.00	$ 18,500.00
Senior CADD Technician	0	$ 125.00	$ -
Survey CADD Technician	8	$ 115.00	$ 920.00
			$ 22,660.00
Utility Pothole Locations			
Task 11.3			
Principal - QC/QA Manager	1	$ 240.00	$ 240.00
Survey Project Manager - PLS	5	$ 150.00	$ 750.00
Survey Project Manager	5	$ 150.00	$ 750.00
2 - Person Survey Party with Standard Equipment	40	$ 185.00	$ 7,400.00
Senior CADD Technician	0	$ 125.00	$ -
Survey CADD Technician	1	$ 115.00	$ 115.00
			$ 9,255.00
Total			**$ 145,740.00**

KAW VALLEY ENGINEERING, INC.

Office: 913.894.5150
Fax: 913.894.5977
Web: www.kveng.com
Address: 14700 West 114th Terrace
Lenexa, KS 66215

July 17, 2024 **C21G0905-R**

Mr. Ben Will
HNTB Corporation
6300 Sprint Parkway, Suite 300
Overland Park, Kansas 66211

RE: PROPOSAL FOR GEOTECHNICAL SERVICES
SANTA FE, RIDGEVIEW TO MUR-LEN IMPROVEMENTS PROJECT
CITY OF OLATHE PROJECT NO. 3-C-025-18
HNTB PROJECT NO. 67261

Dear Mr. Will:

In response to your request, Kaw Valley Engineering, Inc. (KVE) is pleased to submit the following proposal for geotechnical services for the above referenced project. The scope of services outlined below (the "Services") will be performed in accordance with the fee basis, time schedule and other pertinent information described herein.

PROJECT DESCRIPTION

The proposed project is to consist of the design of road improvements on Santa Fe from Ridgeview to Mur-Len in Olathe, Kansas. A bridge is planned to cross Interstate 35. The project also includes a tunnel, retaining walls, highway and roadway signage, lighting mast towers, storm water control, and RCBs.

SCOPE OF SERVICES

The purpose of the Services will be to develop preliminary design and construction recommendations for geotechnical aspects of the project as defined in the project description. The preliminary geotechnical recommendations will be based on the soil, rock and groundwater conditions encountered in the borings at the time of exploration. You will be advised during the course of the exploration if conditions requiring additional exploration are present.

<u>Geotechnical Field Exploration and Laboratory Testing</u>
The geotechnical evaluation will consist of two (2) mobilizations to perform the following:

1. Drilling **twelve (12) borings** for the **proposed bridge**. Up to thirty (30) feet of rock coring per boring is planned.
2. Drilling **eight (8) borings** for the **proposed tunnel**. Up to twenty-five (25) feet of rock coring per boring is planned.
3. Drilling **twenty-nine (29)** borings for the **proposed retaining walls**. Up to twenty (20) feet of rock coring per boring is planned.
4. Drilling **twenty-one (21)** borings for the **proposed infiltration areas**. The borings will be drill to bedrock auger refusal.
5. Drilling **six (6)** borings for the proposed **RCB**. The borings will be drilled to 15 feet or auger refusal.

6. Drilling **twenty-four (24)** borings for the **proposed I-35 and Santa Fe signage**. Up to fifteen (15) feet of rock coring per boring is planned.
7. Drilling **two (2)** borings for the **proposed lighting mast towers**. Up to twenty-five (25) feet of rock coring per boring is planned.
8. An additional **twenty-one (21)** pavement cores are planned for the **roadway improvements**.

A geologist will log the borings in the field. Field services will include traffic control as needed.

Soil samples will be obtained from the borings at nominal intervals of 5 feet or detected changes in soil strata. Samples will be obtained by standard penetration test methods or 3-inch O.D. thin-walled Shelby tubes, as soil conditions warrant. Rock coring will be performed utilizing NQ2 equipment.

The groundwater level will be observed in each boring at the time of drilling and approximately 24 hours after completion, or upon leaving the project site, whichever is sooner, unless it is necessary to backfill a boring immediately after drilling.

Laboratory tests such as moisture content, dry density, Atterberg limits, unconfined compressive strength of soil and rock, corrosion protection, grain size analysis, direct shear, and permeability testing will be performed to establish physical and engineering characteristics of the soil and bedrock stratums.

Initial Data Presentation

Initial data presentation will be provided for evaluation of foundation design recommendations. The presentation will include:

1. Documentation of the field and laboratory phase of the exploration.
2. Summarization of the soil, rock and groundwater conditions and their effect on the proposed construction.
3. Detailed boring logs and site plan indicating boring locations.
4. Developing a geologic cross section map for the length of the bridge and retaining walls.
5. Existing pavement thickness identification.
6. Identification of possible areas where deleterious materials may be encountered, their effect on construction, and methods of remedial treatment.
7. Suitability of on-site material for use as fill and its pavement subgrade performance.
8. Recommendations for site grading including excavation, site preparation, fill placement, compaction, subgrade protection, and anticipated problems.
9. Recommendations for pavement section.
10. Recommendations and parameter development for soil infiltration.
11. Recommendations and parameter development for retaining walls and soil-retaining bridges at I-35 and Rogers Rd including backfill soil parameters for both site/in-situ and KDOT structural backfill.
12. Foundation recommendations for the proposed retaining walls including evaluation of wall type, global stability, bearing and sliding resistance parameters.
13. Foundation recommendations for reinforced concrete boxes.
14. Foundation recommendations for overhead sign structures.
15. Foundation recommendations for the proposed bridges at I-35 and Rogers Road.
16. Evaluation and recommendations for coring-type removal of existing drilled shafts within the I-35 median piers and replacement with new shafts of larger diameter at the removal location.

17. Lateral load-displacement parameters for site soil and rock strata and backfill materials for all deep foundations, soil-retaining bridges at I-35 and Rogers Rd and overhead sign structures.
18. Discussion of unusual site features which require additional consideration.

Other illustrations will be included as necessary to clarify engineering recommendations.

EXPLORATION, UTILITY VERIFICATION, AND SITE ACCESS

Site Access

By execution of this agreement, the Client agrees to coordinate with the City of Olathe and KDOT to obtain access permission for KVE to enter the properties for drilling. It is anticipated that the borings will be accessible to a truck mounted drill rig. If additional work to allow rig access is required, further fees will apply and will be quoted to you separately.

Borings will be backfilled with drill cuttings or bentonite, as appropriate. Excess drill cuttings will be mounded over the borehole in grassed areas. When borings are made in paved areas, the excess cuttings will be removed from the boring location to a designated on-site location. Borings located in asphalt or concrete will be patched with a similar material. Borings filled with cuttings may slump and may require periodic filling by the client or owner.

KVE will perform the Services in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. Client and KVE acknowledge that geotechnical drilling in unpaved areas may create minor rutting and vegetative disturbance. KVE shall backfill the rutting with material and return the rutted area to the same or substantially similar condition as existed prior to the drilling.

Boring Location

Borings will be located in the field by measurements from on-site physical features. Elevations will be determined by a KVE survey crew.

Utilities

Utility companies will be notified to identify, to the extent possible, the location of underground utilities and other subterranean structures. Public utilities will not provide information beyond service connections. Information between service connections and a structure must be provided by the owner or his representative.

SCHEDULE AND FEE BASIS

We will proceed with this project within one (1) week of receipt of written authorization if weather and site conditions permit and a drill rig is available. The preliminary geotechnical report will be issued within twenty (20) working days of the completion of the fieldwork. We anticipate the fieldwork to take up to eighty (80) days. The final report will be issued within ten working days after receiving the comments.

We will perform the Geotechnical Services described herein for the following fees. These fees include two mobilizations. If multiple mobilizations are required, additional fees will apply.

Services	Unit	Quantity	Unit Price	Extension
Field Activities:				
Mobilization	Each	2	$5,000.00	$10,000.00
Utility Clearing/Site Coordination	Hour	50	$100.00	$5,000.00
Additional Water Truck	Day	60	$800.00	$48,000.00

Auger Drilling	Foot	1445	$30.00	$43,350.00
Sampling	Each	300	$25.00	$7,500.00
Coring	Foot	1530	$75.00	$114,750.00
Bentonite Backfill	Foot	2895	$17.00	$49,215.00
Pavement Cores	Each	21	$150.00	$3,150.00
Traffic Control Flaggers	Day	3	$1,500.00	$4,500.00
Traffic Control Sign Rental	Day	60	$250.00	$15,000.00
Traffic Control Shoulder Work	Day	50	$1,500.00	$75,000.00
Geologist Logger	Hour	800	$100.00	$80,000.00
Survey of Boring Locations	Hour	35	$140.00	$4,900.00
			Subtotal	$460,365.00
Laboratory Work:				
Moisture Content	Each	300	$20.00	$6,000.00
Unit Weight and Moisture Content	Each	150	$35.00	$5,250.00
Atterberg Limits	Each	40	$100.00	$4,000.00
Unconfined Compression (Soil)	Each	40	$65.00	$2,600.00
Unconfined Compression (Rock)	Each	40	$80.00	$3,200.00
Direct Shear	Each	12	$450.00	$5,400.00
Grain Size Analysis	Each	12	$210.00	$2,520.00
Corrosion Potential	Each	8	$275.00	$2,200.00
Permeability Test	Each	12	$375.00	$4,500.00
			Subtotal	$35,670.00
Reports:				
Principal	Hour	5	$240.00	$1,200.00
Geotechnical Engineer	Hour	300	$190.00	$57,000.00
Engineer Technician	Hour	50	$100.00	$5,000.00
Administration	Hour	4	$75.00	$ 300.00
			Subtotal	$63,500.00
			Total	**$559,535.00**

Additional work performed outside of the Scope of Services will be charged in accordance with the rate schedule listed above.

We appreciate the opportunity to be of service to you. If you have any questions or comments, please do not hesitate to contact us at (913) 894-5150.

Respectfully submitted,
Kaw Valley Engineering, Inc.

Michael R. Osbourn, P.E.
Principal

V:\PROJECTS\Projects C21\0905 - Proposal\2024-07-17 GEO Revised Proposal Santa Fe and I-35 Olathe KS.docx

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Lenexa, KS 66219-5102
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Terracon.com

June 26, 2024

HNTB Corporation
6300 Sprint Parkway Suite 300
Overland Park, KS 66211

Attn: Mr. Zach Jarchow, P.E.
P: (913) 312-4926
E: zjarchow@hntb.com

RE: Proposal for a Phase I Environmental Site Assessment
City of Olathe Public Improvements
Santa Fe and I-35 (20 Parcels)
Olathe, KS
Terracon Proposal No. P02237230

Dear Mr. Jarchow:

Terracon Consultants, Inc. (Terracon) appreciates the opportunity to submit this proposal to HNTB Corporation (client) to conduct Phase I Environmental Site Assessments (ESAs) at the 20 parcels outlined below:

Site Name	Parcel #	Address	Size (Acres)	Owner
Townsquare Shopping Center (includes 5 buildings)	DP75100000 0001	120 N CLAIRBORNE RD	11.73	GROUP SANTA FE, LLC
Church's Chicken	DP75100000 0002	124 N CLAIRBORNE RD	0.53	GROUP SANTA FE, LLC
Eye 35 South Center	DP13600000 0001	115 S CLAIRBORNE RD	0.92	GATZOULIS INVESTMENTS LLC
East Side Landing Strip	DP55900000 0004	189 S ROGERS RD	1.20	MARKETPLACE INVESTORS LLC
Erv's Vacuum	DP57900001 0001	1800 E SANTA FE ST	0.51	SARAH MARIE LLC
Avis	DF241330-4010	1804 E SANTA FE ST	0.43	KAREN G BROKENICKY REVOCABLE TRUST
Templo Cristians Aposento Alto	DF241330-4006	220 N ROGERS RD	1.86	TEMPLO CRISTIANO APOSENTO ALTO INC
Toni's Italian Restaurant	DF241330-4014	1808 E SANTA FE ST	0.46	MICHAEL T LLC
Celebrate Dental & Braces	DP76000000 0031	1828 E SANTA FE ST	1.18	CELEBRATE HOLDINGS OLATHE LLC

Site Name	Parcel #	Address	Size (Acres)	Owner
Cirilla's	DP76000000 0032A	1848 E SANTA FE ST	0.91	L.C. PROPERTIES, INC.
Valvoline Instant Oil	DP54300000 0002	1856 E SANTA FE ST	0.44	GALLAGHER FAMILY TRUST
Hertz Rental Car	DP54300000 0003	1904 E SANTA FE ST	0.81	A L & L SERVICES INC
Pegasus Realty	DP54300000 0004	1948 E SANTA FE ST STE H	0.67	PEGASUS REALTY, LLC
Midas	DP54300000 0005	1970 E SANTA FE ST	0.43	MIDAS PROPERTIES, INC.
Baseball Cards / Gold Works	DP76000000 0034A	207 N LINDENWOOD DR	0.33	HOROCHOWSKI, GEORGE
Vape/Liberty Tax	DP54300000 0006	1990 E SANTA FE ST # 103	0.35	DAVID K GOODMAN TRUST
Vacant Building	DF241330-4009	2004 E SANTA FE ST	0.51	JL GROUP HOLDINGS I, LLC
Commerce Bank	DP73700000 0001	16650 W 135TH ST	0.94	FIDELITY BANKSHARES, INC.
Olathe Ford Dealership	DP46700000 0001	1985 E SANTA FE ST	0.43	M & M INVESTMENTS, LLC
Organic Hemp Botanicals / Metro by T-Mobile	DP16300000 0T0D	2003 E SANTA FE ST	0.43	N & C GROUP LLC

The scope of services, schedule, and compensation are summarized below:

Scope of Services *(see Section 2.0 of attached proposal detail)*	Phase I ESA consistent with ASTM E1527-21 ■ Chain of Title back to 1940 and/or Environmental Lien/AUL Search between 1980 and present is **not** included in this fee. ■ Additional non-scope items: Asbestos Survey (prior to renovation/demolition)
Schedule *(see Section 2.4 of attached proposal detail)*	Terracon will coordinate with HNTB and the City of Olathe for scheduling the initiation of the Phase I and ACM Survey for each site as we understand this scope will be conducted in multiple phases. For each site the Phase I ESA final report will be completed within 15 business days and the ACM Survey Report will be competed within 25 business days from approval to begin.
Compensation *(see breakdown table below)*	**Lump sum of $167,450 - $30,000 (included with HNTB SA2) = $137,450**

Compensation Breakdown

Site Name	Phase I Fee	Asbestos Survey Fee	Total Fee
Townsquare Shopping Center	$4,470	$44,520	$48,990
Church's Chicken	$2,440	$2,650	$5,090
Eye 35 South Center	$2,440	$10,600	$13,040
East Side Landing Strip	$2,440	$6,360	$8,800
Erv's Vacuum	$2,440	$2,440	$4,880
Avis	$2,440	$2,440	$4,880
Templo Cristians Aposento Alto	$2,650	$2,760	$5,410
Toni's Italian Restaurant	$2,440	$2,760	$5,200
Celebrate Dental & Braces	$2,440	$2,760	$5,200
Cirilla's	$2,440	$2,440	$4,880
Valvoline Instant Oil	$2,650	$2,330	$4,980
Hertz Rental Car	$2,440	$2,440	$4,880
Pegasus Realty	$2,440	$7,200	$9,640
Midas	$2,650	$2,330	$4,980
Baseball Cards / Gold Works	$2,440	$2,760	$5,200
Vape/Liberty Tax	$2,440	$8,700	$11,140
Vacant Building	$2,440	$2,440	$4,880
Commerce Bank	$2,440	$2,650	$5,090
Olathe Ford Dealership	$2,650	$2,440	$5,090
Organic Hemp Botanicals / Metro by T-Mobile	$2,440	$2,760	$5,200

If this proposal meets with your approval, work may be initiated by returning a fully executed copy of the attached Agreement for Services and *ASTM E1527-21* User Questionnaire attached to this proposal to our Lenexa office. **Please provide site contact information with the signed agreement.**

The terms, conditions, and limitations stated in the Agreement for Services and sections of this proposal incorporated therein, shall constitute the exclusive terms and conditions and services to be performed for this project.

We appreciate the opportunity to provide this proposal and look forward to working with you on this project. If you have any questions or comments regarding this proposal or require additional services, please give us a call.

Sincerely,

Terracon Consultants, Inc.

Clark Grisell

Clark L. Grisell
Environmental Department Manager

Tracie Ragland

Tracie A. Ragland
Senior Scientist

Attachments: ASTM E1527-21 User Questionnaire
Detailed Scope of Services
Agreement for Services

ASTM E1527-21 User Questionnaire

Date Completed		
Person Completing Questionnaire	Name: Company:	Phone: Email:
Site Name	City of Olathe Public Improvements	
Site Address	Santa Fe and I-35, Olathe, KS	
Point of Contact for Access	Name: Company:	Phone: Email:
Access Restrictions or Special Site Requirements?	___No ___Yes (If yes, please explain)	
Confidentiality Requirements?	___No ___Yes (If yes, please explain)	
Current Site Owner	Name: Company:	Phone: Email:
Current Site Operator	Name: Company:	Phone: Email:
Reasons for ESA (e.g., financing, acquisition, lease, etc.)		
Anticipated Future Site Use		
Relevant Documents?	Please provide Terracon copies of prior Phase I or II ESAs, Asbestos Surveys, Environmental Permits or Audit documents, Underground Storage Tank documents, Geotechnical Investigations, Site Surveys, Diagrams or Maps, or other relevant reports or documents.	

ASTM User Questionnaire

To qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the user must respond to the following inquiries required by 40 C.F.R. §§ 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The *user* should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that "*all appropriate* inquiries" is not complete.

1) Did a search of land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the site under federal, tribal, state, or local law (40 CFR 312.25)?

___No ___Yes (If yes, explain below and send Terracon a copy of the title records or judicial records reviewed.)

2) Did a search of land title records (or judicial records where appropriate) identify any activity and use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded against the site under federal, tribal, state, or local law (40 CFR 312.26)?

___No ___Yes (If yes, explain below and send Terracon a copy of the title records or judicial records reviewed.)

3) Do you have any specialized knowledge or experience related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business (40 CFR 312-28)?

___No ___Yes (If yes, explain below)

4) Do you have actual knowledge of a lower purchase price because contamination is known or believed to be present at the site (40 CFR 312.29)?

___No ___Yes ___Not applicable (If yes or Not applicable, explain below)

5) Are you aware of commonly known or reasonably ascertainable information about the site that would help the environmental professional to identify conditions indicative of releases or threatened releases (40 CFR 312.30)? For example, (a.) Do you know the past uses of the site? (b.) Do you know of specific chemicals that are present or once were present at the site? (c.) Do you know of spills or other chemical releases that have taken place at the site? (d.) Do you know of any environmental cleanups that have taken place at the site?

___No ___Yes (If yes, explain below)

6) Based on your knowledge and experience related to the site, are there any obvious indicators that point to the presence or likely presence of releases at the site (40 CFR 312.31)?

___No ___Yes (If yes, explain below)

Comments or explanations:

Please return this form with the signed authorization to proceed. **Proposal No. P02237230**

DETAILED SCOPE OF SERVICES

1.0 PROJECT INFORMATION

We understand the sites consist of 20 parcels in the general vicinity of Santa Fe and I-35 in Olathe, Kansas. We further understand that the anticipated future use of the sites will be mixed use and the purpose of the ESAs is to assist the client with helping the City of Olathe acquire the sites. If this is not accurate, or if you have additional useful information, please inform us as soon as possible.

2.0 SCOPE OF SERVICES

2.1 Base Phase I ESA Services

The ESA will be performed consistent with the procedures included in ASTM E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Assessment Process*. The purpose of this ESA is to assist the client in developing information to identify recognized environmental conditions (RECs - as defined below) in connection with the site as reflected by the scope of this proposal. The potential for vapor migration will be addressed as part of a Phase I ESA and will be considered by Terracon in evaluation of RECs associated with the site. If modifications to the scope of services are required, please contact us to discuss proposal revisions.

REC Definition

Recognized environmental conditions are defined by ASTM E1527-21 as "(1) the presence of *hazardous substances* or *petroleum products* in, on, or at the *subject property* due to a *release* to the *environment;* (2) the *likely* presence of *hazardous substances* or *petroleum products* in, on, or at the *subject property* due to a *release* or *likely release* to the *environment;* or (3) the presence of *hazardous substances* or *petroleum products* in, on, or at the *subject property* under conditions that pose a *material threat* of a future *release* to the *environment*." A *de minimis* condition is not a recognized environmental condition.

Emerging Contaminants: Per- and Polyfluoroalkyl Substances (PFAS)

There are a family of compounds known as per- and polyfluoroalkyl substances (PFAS) which are considered emerging contaminants of concern due to their mobility and longevity in the environment. PFAS have been used in many products, including but not limited to fire-fighting foam, anti-stick coatings, stain and water-repellent coatings, electroplating, and paper products, among others. US EPA has designated two PFAS

compounds, perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS), including their salts and structural isomers, as hazardous substances under CERCLA. The effective date of the designation is July 8, 2024. Beginning on that date, PFOA and PFOS will be evaluated within the scope of E1527-21. Until that time Terracon will evaluate PFOA and PFOS as a Non-Scope consideration for this Phase I ESA. In the interim, the presence, likely presence or material threat of a release will be considered a Business Environmental Risk (BER).

Physical Setting

The physical setting for the site will be described based on a review of the applicable USGS topographic quadrangle map, USDA soil survey, and selected geologic reference information.

Historical Use Information

A review of historical resources, where reasonably ascertainable and readily available, will be conducted in an attempt to document obvious past land use of the site and adjoining properties back to 1940 or when the site was initially developed, whichever is earlier. The following minimum selected references will be obtained and reviewed for the site and adjoining properties, if available:

- Historical topographic maps
- Aerial photographs (approximate 10 to 15-year intervals)
- City directories (approximate 5-year intervals)
- Fire (Sanborn) insurance maps

The following additional historical resources will be reviewed for the site if determined by the Environmental Professional to be warranted, applicable and likely useful:

- Property tax file information
- Building department records
- Zoning records
- Prior environmental reports, permits and registrations; or geotechnical reports, if provided by the client.
- Site title search information, if provided by the client.
- Environmental liens, if provided by the client.

Pursuant to ASTM E1527-21, the client should engage a title company or title professional to undertake a review of reasonably ascertainable recorded land title records (or judicial records where appropriate) for environmental liens and activity and use limitations currently recorded against or relating to the site. Note that for ASTM E1527-21, title search information reports shall review *land title records* for documents

recorded **between 1980 and the present**. If the client is unable to provide land title records (or judicial records where appropriate), an abstract firm may be contracted by Terracon to perform a review of land title records (or judicial records where appropriate) for an additional fee. Documentation of environmental liens and activity and use limitations, if recorded, will be provided in the land title records (or judicial records where appropriate). Note, however, unless specifically requested within three days of project commencement, Terracon will rely on the client to provide land title records (or judicial records where appropriate). **If land title records (or judicial records where appropriate) are not provided for review in a timely manner, Terracon may conclude that the absence of records represents a data gap, which must be evaluated and documented in the final report.**

The client and the current owner or their representative will be interviewed to provide information regarding past uses of the site and information pertaining to the use of hazardous substances and petroleum products on the site. Additionally, a reasonable attempt will be made to interview past owners, operators, and occupants of the site to the extent that they are identified within the scope of the ESA and are likely to have material information that is not duplicative of information already obtained through the assessment process.

Regulatory Records Review

Consistent with ASTM E1527-21, federal, state, and tribal databases, where applicable and within ASTM-defined minimum search distances from the nearest property boundary, will be reviewed for indications of RECs. A database firm will be subcontracted to access governmental records used in this portion of the assessment. Additional federal, state, and local databases may be reviewed if provided by the database firm. Determining the location of unmapped facilities is beyond the scope of this assessment.

In addition to the database review and if customary practice for the site location, an attempt will be made to review reasonably ascertainable and useful local lists or records such as Brownfield sites, landfill/solid waste disposal sites, registered storage tanks, land records, emergency release reports, and contaminated public wells. A reasonable attempt will also be made to interview at least one staff member of any one of the following types of local government agencies: fire department, health agency, planning department, building department, or environmental department. As an alternative, a written request for information may be submitted to the local agencies.

The scope of work proposed herein includes **up to two hours of regulatory agency file and/or records review, including client-provided reports and files, per site**. If the results of this initial review appear to warrant a more extensive review of applicable regulatory agency files and/or records, a cost estimate will be provided to the client for pre-approval. Review of regulatory files and/or records, when authorized, will

be for the purpose of identifying RECs. Please note that all requested files may not be available from regulatory agencies within the client's requested project schedule.

Site and Adjoining/Surrounding Property Reconnaissance

A site reconnaissance will be conducted to identify RECs. The reconnaissance will consist of visual observations of the site from the site boundaries and selected interior portions of the site. The site reconnaissance will include, where applicable, an interview with site personnel who the client has identified as having knowledge of the uses and physical characteristics of the site. Pertinent observations from the site reconnaissance will be documented including:

- Site description
- General site operations
- Features, activities, uses, and conditions of the site relevant to identifying *RECs*

The adjoining property reconnaissance will consist of visual observations of the adjoining/surrounding properties from the site boundaries and accessible public rights-of-way.

2.2 Report Preparation

PDF-formatted copies of the final reports (one report per site parcel) will be submitted that present the results of this assessment, based upon the scope of services and limitations described herein. The final reports will be signed by an environmental professional responsible for the Phase I ESA, and the reports will contain an environmental professional statement as required by 40 CFR 312.21(d). Recommendations will be developed as part of the Phase I ESA scope of services.

2.2 Additional Services Beyond Base ESA

At the direction of the client, the following additional services beyond the scope of the base Phase I ESA have been included:

Asbestos Survey (prior to renovation/demolition)

Terracon will perform an asbestos survey of the buildings on the site. We understand the purpose of this survey is to identify and quantify asbestos-containing materials (ACM) present in the buildings.

The asbestos survey will be performed by a State-certified and/or Asbestos Hazard Emergency Response Act (AHERA)-accredited asbestos building inspector as required by 40 CFR Part 61, National Emissions Standards for Hazardous Air Pollutants (NESHAP). Terracon will conduct a visual assessment of the site buildings to identify materials

suspected of containing asbestos (suspect ACM) such as thermal system insulation, surfacing materials, and miscellaneous materials (e.g., floor tile, ceiling tile). Suspect materials will be physically assessed for friability and evidence of damage or degradation. Samples of suspect ACM will be collected for laboratory analysis. Bulk sample collection will be conducted in general accordance with the sampling protocols outlined in 40 CFR 763.86.

Sample collection will result in some isolated damage to building materials; however, attempts will be made to limit such damage to the extent necessary for sample collection. Terracon will not be responsible for repair or touch-up of sample locations. Sampling will be limited to readily visible and accessible suspect building materials. Terracon will not perform sampling which requires demolition or destructive activities such as knocking holes in walls, dismantling equipment, or removing protective coverings. Reasonable efforts to access suspect materials within known areas of restricted access (e.g., crawl spaces) will be made provided these areas are not determined to be permit-required confined spaces, or to pose a health or safety risk to Terracon personnel. Sampling will not include suspect materials which cannot be safely reached with provided ladders or man-lifts. Unless specifically requested by the client, exterior building materials such as roofing will not be sampled. If roof sampling is requested by the client, the client must agree to defend and hold Terracon harmless from subsequent liability and damages that may result. Terracon will apply temporary patching to roof sample locations, but the client is advised to obtain a roofing contractor to repair areas damaged by client-requested roof sampling.

The samples will be analyzed for asbestos content by polarized light microscopy (PLM). The percent asbestos, where applicable, will be determined by visual estimation. No other analyses such as point counting or transmission electron microscopy (TEM) will be conducted as part of the proposed scope of services. If PLM results merit re-analysis by the more quantitative point counting or TEM technique, Terracon will contact the client for authorization of additional costs.

Terracon will prepare separate, written reports (one report per site parcel) describing the sampling methodology and the results of the asbestos surveys. The reports will describe the number, type, and location of suspect ACM samples, the analytical results, the estimated quantity, and the condition of materials identified as ACM. At the request of the client, drawings depicting the location and extent of ACM and estimates of ACM removal costs can be provided to the client for an additional fee.

2.3 Additional Services Not Included

The following services, although not specifically required by ASTM E1527-21, may also be performed concurrently with ESAs and may be beneficial for the evaluation of environmental conditions and/or an evaluation of specific business environmental risks at the site. At your direction, these services have not been included as part of the scope

of services for this ESA. Please note that this list is not all-inclusive. If you seek additional services, please contact us for a supplemental proposal and cost estimate.

- Visual Observations for Suspect Asbestos
- Limited Asbestos Sampling
- Visual Observations for Microbial Growth
- Radon Records Review
- Short-Term Radon Testing
- Visual Observations for Suspect Lead-Based Paint
- Limited Lead-Based Paint Sampling
- Lead in Drinking Water Records Review
- Limited Lead in Drinking Water Sampling
- Wetland Records Review
- Threatened/Endangered Species Records Review
- Historic Properties/Archaeological Resources Review
- ASTM E 2600-22 Vapor Encroachment Screen
- Regulatory Agency File Review
- Review of Per- and Polyfluoroalkyl Substances (PFAS)

At the client's request, Terracon can also provide proposals for facility engineering services including property condition assessments, roofing inspections, curtain wall evaluations, structural surveys, and mechanical surveys.

2.4 Schedule

Services will be initiated upon receipt of the written notice to proceed. Terracon will coordinate with HNTB and the City of Olathe for scheduling the initiation of the Phase I for each site as we understand this scope will be conducted in multiple phases. For each site the Phase I ESA final report will be completed within 15 business days from approval to begin, assuming site access can be obtained within three days after the notice to proceed.

To comply with the proposed schedule, please provide the following items at the time of notification to proceed.

- A signed Agreement for Services evidencing acceptance of this scope of services.
- The completed ASTM E1527-21 User Questionnaire, supplied as an attachment to this proposal.
- Right of entry to conduct the assessment, including access to building interiors.

- Notification of any restrictions or special requirements (such as confidentiality, scheduling, or on-site safety requirements) regarding accessing the site.
- An accurate legal description and/or a diagram of the site such as a surveyor's plat map or scaled architect's drawing (if such diagrams exist).
- Current site owner, property manager, occupant information (including tenant list), and contact information for persons knowledgeable about the site history including current and historical use of hazardous substances and petroleum products on site (e.g., names, phone numbers, etc.).
- Copies of environmental reports, permits and registrations, and geotechnical reports that were previously prepared for the site.
- Information relating to known or suspect environmental conditions at the site, including commonly known or reasonable ascertainable information within the local community about the site that is material to RECs in connection with the site.
- Information about environmental liens and activity and use limitations for the site, if any.
- Specialized knowledge or experience that is material to RECs in connection with the site, if any.
- Knowledge that the purchase price of the site is significantly less than the purchase price of comparable properties.
- Land title records **between 1980 and present**.

Please note that requested regulatory files or other information may not be provided to Terracon by the issuance date of the reports. Consideration of information not received by the issuance date of the reports is beyond the scope of this ESA.

2.5 Reliance

The ESA reports will be prepared for the exclusive use and reliance of HNTB Corporation. Reliance by any other party is prohibited without the written authorization of the client and Terracon.

If the client is aware of additional parties that will require reliance on the ESA reports, the names, addresses, and relationship of these parties should be provided for Terracon approval prior to the time of authorization to proceed. Terracon may grant reliance on the ESA reports to those approved parties upon receipt of a fully executed Reliance Agreement (available upon request) and receipt of information requested in the Reliance Agreement. If, in the future, the client and Terracon consent to reliance on the ESA by a third party, Terracon may grant reliance upon receipt of a fully executed Reliance

Agreement, requested information and receipt of an additional minimum fee of $400 per relying party per site parcel per report.

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions, and limitations stated in the Agreement for Services, sections of this proposal incorporated therein, the Reliance Agreement, and ESA reports. The limitation of liability defined in the Agreement for Services is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of the reports is subject to ASTM E1527-21 Section 4.6. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E1527-21.

2.6 Scope and Report Limitations

Client shall secure all necessary site-related approvals, permits, licenses, and consents necessary to commence and complete the Services and will execute any necessary site access agreement. Terracon will be responsible for supervision and site safety measures for its own employees, but shall not be responsible for the supervision or health and safety precautions for any third parties, including Client's contractors, subcontractors, or other parties present at the site. In addition, Terracon retains the right to stop work without penalty at any time Terracon believes it is in the best interests of Terracon's employees or subcontractors to do so in order to reduce the risk of exposure to the coronavirus. Client agrees it will respond quickly to all requests for information made by Terracon related to Terracon's pre-task planning and risk assessment processes. Client acknowledges its responsibility for notifying Terracon of any circumstances that present a risk of exposure to the coronavirus or individuals who have tested positive for COVID-19 or are self-quarantining due to exhibiting symptoms associated with the coronavirus.

The fee is valid for 90 days from the date of this proposal and is based on the assumption that all field services will be performed under safety Level D personal protective procedures and that only one site visit will be made by Terracon personnel. The lump sum fee is based on the assumptions and conditions provided at the time of this proposal.

The findings and conclusions presented in the final reports will be based on the site's current utilization, the anticipated future use of the site, if provided to Terracon, and the information collected as discussed in this proposal. Please note that we do not warrant database or third-party information (such as from interviewees) or regulatory agency information used in the compilation of reports.

Phase I ESAs, such as the one proposed for this site, are of limited scope, are noninvasive, and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the site beyond what is identified by

the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records will not be reviewed. It should be recognized that environmental concerns may be documented in public records that are not reviewed. This ESA does not include subsurface or other invasive assessments, vapor intrusion assessments or indoor air quality assessments (i.e., evaluation of the presence of vapors within a building structure), business environmental risk evaluations (unless specifically requested in Section 2.2 of this proposal), or other services not particularly identified and discussed herein. No ESA can wholly eliminate uncertainty regarding the potential for RECs. The limitations herein must be considered when the user of these reports formulates opinions as to risks associated with the site. No warranties, express or implied, are intended or made.

An evaluation of significant data gaps will be based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our opinions and conclusions. We have no obligation to provide information obtained or discovered by us after the date of the reports, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the reports. This disclaimer specifically applies to any information that has not been provided by the client.

ECOSYSTEMS

Irrigation Design and Consulting

July 8, 2024

Mr. Benjamin Will, P.E.
HNTB Companies
7400 W. 129th St., Suite 100
Overland Park, KS 66213

RE: Irrigation Design Fee Proposal for: I-35 and Santa Fe Corridor Improvements Project - Olathe, Kansas

Dear Mr. Will,

ECOSYSTEMS Irrigation Design and Consulting is pleased to present the following Proposal for the above referenced project. It is understood that the following scope of work will be required:

A. The preparation of Irrigation Systems Plans (30%, 60% and Final or as may be required) by an Irrigation Association Certified Irrigation Designer based on Site Landscape Plans by HNTB Companies or Others. Includes typical applicable insurance coverage.
    a. Civil Base data to include grade lines and utilities and Site Landscape Plan and Title Block in .dwg file format required.
    b. Irrigation Plans to be returned in .pdf (also in .dwg file format if desired) file format for printing by others.
B. Includes a detailed installation cost estimate.
C. Includes graphic plan installation details.
D. Includes written installation specifications (either in 8 ½ x 11 format or included in the plan sheets or as may be required). – Can be produced if desired: Historically, the City has supplied their own written specifications.
E. Includes estimated weekly and annual water usage and scheduling information.
F. Includes consultation during the Bidding Process for system installation.
G. Includes Bid evaluation and contract award recommendations (Optional).
H. **DOES NOT** include any Construction Administration or Construction Observation and reporting. This can be done at my hourly rate as Additional Services if desired/ required.

Fees for any Additional Services will be negotiated at the time of the request. In addition, out-of-pocket expenses such as printing, delivery services and submittal fees (if any), will be invoiced at cost plus 15%. My general hourly rate is $125.00 per hour for design or consultation related services. One round of revisions is included in the base fee. Additional major revisions due to site and/ or Landscape design changes will be handled as Additional Services.

2612 SW WINTERGARDEN DRIVE
LEES SUMMIT, MISSOURI 64081
PHONE: 816-210-6358
Email: ecosystems@kc.rr.com

This Proposal Agreement may be used for our contract, or we can use an HNTB form of agreement as you may require.

Ben, I look forward to working with you on this Project and I appreciate the opportunity to provide this Proposal. I believe that it will be a great Project!

Please review this Proposal and do not hesitate to contact me if I can answer any questions or if I can help further.

Sincerely,

Brian R. Gates

Brian R. Gates
Owner
ECOSYSTEMS

ECOSYSTEMS

Irrigation Design and Consulting

PROPOSAL SUMMARY

I-35 and Santa Fe Corridor Improvements Project - Olathe, Kansas
IRRIGATION DESIGN FEE PROPOSAL
July 8, 2024

Irrigation Design Fee Package as detailed above (Shrub and Tree Irrigation only): **$4500.00**

- Items A through G as per this proposal letter
- This is the Base Design Fee as per Ecosystems Exhibit A (attached)
- CA work, to include Construction Observation and Reporting is **not** included but may be added at my hourly rate if desired.

Add Turf Irrigation (if desired/ required): **$1500.00**

Total Not to Exceed: **$6000.00**

- Please allow a two-week minimum turn-around time from the time I receive your CAD base files.
- Does not currently include Field Staking (to be performed by the Contractor).
- Does not currently include any LEED certification work, pumps, wells, rainwater harvesting or cisterns.
- Does not currently include any Surveying or GPS mapping.
- As Built drawings shall be specified as "By Contractor".

Agreed this Date: 7-8-2024 **By:** *Brian R. Gates* **Title: Owner**
ECOSYSTEMS

Agreed this Date: _____ By: _____ Title: _____
HNTB Companies

2612 SW WINTERGARDEN DRIVE
LEES SUMMIT, MISSOURI 64081
PHONE: 816-210-6358
Email: ecosystems@kc.rr.com

IRRIGATION DESIGN AND CONSULTING
2612 SW WINTERGARDEN DRIVE, LEE'S SUMMIT, MO 64081
PHONE: 816-246-1082 EMAIL: Ecosystems@kc.rr.com

EXHIBIT A - IRRIGATION CONCEPT SCHEDULE 7-8-24

SYMBOL	NOTES
	IRRIGATION SYSTEM #1 - REQUIRES A NEW WATER METER - REQUIRES A NEW ELECTRIC METER - THE BASE DESIGN FEE INCLUDES TREE AND SHRUB IRRIGATION ONLY - SEE THE FEE PROPOSAL ADD ALTERNATE TO ADD TURF IRRIGATION
	IRRIGATION SYSTEM #2 - REQUIRES A NEW WATER METER - REQUIRES A NEW ELECTRIC METER - THE BASE DESIGN FEE INCLUDES TREE AND SHRUB IRRIGATION ONLY - SEE THE FEE PROPOSAL ADD ALTERNATE TO ADD TURF IRRIGATION
	IRRIGATION SYSTEM #3 - REQUIRES A NEW WATER METER - REQUIRES A NEW ELECTRIC METER - THE BASE DESIGN FEE INCLUDES TREE AND SHRUB IRRIGATION ONLY - SEE THE FEE PROPOSAL ADD ALTERNATE TO ADD TURF IRRIGATION
	IRRIGATION BY OWNER (IF ANY) THESE AREAS ARE NOT INCLUDED IN THE CURRENT FEE PROPOSAL
	NON IRRIGATED AREAS
	POSSIBLE IRRIGATION ADD AREAS - THESE AREAS CAN BE ADDED TO THE ADJACENT PROPOSED IRRIGATION SYSTEMS AT NO ADDITIONAL DESIGN FEE COST IF DESIRED.

LANDSCAPE AESTHETICS - PLAN OVERVIEW

35-46 KA-6364-02 | Santa Fe & Interstate 35 | Olathe, Kansas

EXHIBIT B
Fee & Rate Schedule

Santa Fe, Ridgeview to Mur-Len, Improvements Project
Supplemental No. 3
HNTB Schedule of Rates

Rates are effective for services from
January 1, 2024 through December 31, 2025

Position Classification		Hourly Billing Rate
Group/Project Director	$	280.00-400.00
Department Manager	$	230.00-290.00
Section Manager	$	190.00-260.00
Project Manager	$	150.00-290.00
Technical Advisor	$	200.00-300.00
Project Engineer/ Team Leader	$	140.00-240.00
Engineer	$	100.00-170.00
Planner	$	90.00–160.00
Landscape Architect/Urban Designer	$	100.00-170.00
*Intern	$	75.00-100.00
*Technician	$	75.00-220.00
Construction Manager/Resident Engineer	$	150.00-225.00
*Inspector	$	90.00-175.00
Public Involvement	$	90.00-210.00
Project Analyst	$	100.00-200.00
Administrative Assistant	$	70.00-120.00

*For any nonexempt personnel in positions marked with an asterisk (*), overtime will be billed at 1.5 times the hourly labor billing rates shown.

CERTIFICATE OF LIABILITY INSURANCE

1/1/2025

DATE (MM/DD/YYYY): 12/4/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Lockton Companies 444 W. 47th Street, Suite 900 Kansas City MO 64112-1906 (816) 960-9000 kcasu@lockton.com	**CONTACT NAME:** **PHONE (A/C, No, Ext):** **FAX (A/C, No):** **E-MAIL ADDRESS:**
INSURED 1489174 HNTB CORPORATION 7400 WEST 129TH STREET, SUITE 100 OVERLAND PARK KS 66213	**INSURER(S) AFFORDING COVERAGE** — **NAIC #** **INSURER A :** Zurich American Insurance Company — 16535 **INSURER B :** **INSURER C :** **INSURER D :** **INSURER E :** **INSURER F :**

COVERAGES **CERTIFICATE NUMBER:** 17430171 **REVISION NUMBER:** XXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT LOC OTHER:	Y	N	GLO 0769451	1/1/2024	1/1/2025	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG 	$ 2,000,000 $ 1,000,000 $ 10,000 $ 2,000,000 $ 4,000,000 $ 4,000,000 $
A	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY HIRED AUTOS ONLY SCHEDULED AUTOS NON-OWNED AUTOS ONLY	N	N	BAP 0769452	1/1/2024	1/1/2025	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) 	$ 2,000,000 $ XXXXXXX $ XXXXXXX $ XXXXXXX $ XXXXXXX
	UMBRELLA LIAB OCCUR EXCESS LIAB CLAIMS-MADE DED RETENTION $			NOT APPLICABLE			EACH OCCURRENCE AGGREGATE 	$ XXXXXXX $ XXXXXXX $ XXXXXXX
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N: N / N/A If yes, describe under DESCRIPTION OF OPERATIONS below		N	WC 0769453	1/1/2024	1/1/2025	X PER STATUTE OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

HNTB Job #67261; City of Olathe, KS Project: Santa Fe, Ridgeview to Mur-Len, Improvements Project, Project No. 3-C-025-18. If required by written contract, City of Olathe, Kansas is Additional Insured as respects General Liability and Automobile Liability, subject to the terms, conditions, and exclusions of the policies, and shall be considered primary insurance as respects the Additional Insureds and any other insurance or self-insurance maintained by insurance or self-insurance maintained by the Additional Insured shall be excess of this insurance and shall not contribute with it. Carrier will provide 30 days' notice of cancellation, for reasons other than non-payment of premium.

CERTIFICATE HOLDER

17430171
City of Olathe
100 E. Santa Fe
Olathe KS 66051

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Joseph M Agnello

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 5/1/2025 4/30/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	Lockton Companies 444 W. 47th Street, Suite 900 Kansas City MO 64112-1906 (816) 960-9000 kcasu@lockton.com	CONTACT NAME:	
		PHONE (A/C, No, Ext):	FAX (A/C, No):
		E-MAIL ADDRESS:	
		INSURER(S) AFFORDING COVERAGE	NAIC #
		INSURER A : Lloyd's of London	
INSURED 1445015	HNTB CORPORATION 715 KIRK DRIVE KANSAS CITY MO 64105 001	INSURER B :	
		INSURER C :	
		INSURER D :	
		INSURER E :	
		INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** 16108279 **REVISION NUMBER:** XXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY			NOT APPLICABLE			EACH OCCURRENCE	$ XXXXXXX
	☐ CLAIMS-MADE ☐ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ XXXXXXX
							MED EXP (Any one person)	$ XXXXXXX
							PERSONAL & ADV INJURY	$ XXXXXXX
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ XXXXXXX
	☐ POLICY ☐ PRO-JECT ☐ LOC						PRODUCTS - COMP/OP AGG	$ XXXXXXX
	☐ OTHER:							$
	AUTOMOBILE LIABILITY			NOT APPLICABLE			COMBINED SINGLE LIMIT (Ea accident)	$ XXXXXXX
	☐ ANY AUTO						BODILY INJURY (Per person)	$ XXXXXXX
	☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS						BODILY INJURY (Per accident)	$ XXXXXXX
	☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$ XXXXXXX
								$ XXXXXXX
	☐ UMBRELLA LIAB ☐ OCCUR			NOT APPLICABLE			EACH OCCURRENCE	$ XXXXXXX
	☐ EXCESS LIAB ☐ CLAIMS-MADE						AGGREGATE	$ XXXXXXX
	☐ DED ☐ RETENTION $							$ XXXXXXX
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N	N / A		NOT APPLICABLE			☐ PER STATUTE ☐ OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☐ (Mandatory in NH)						E.L. EACH ACCIDENT	$ XXXXXXX
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ XXXXXXX
							E.L. DISEASE - POLICY LIMIT	$ XXXXXXX
A	PROFESSIONAL LIABILITY	N	N	LDUSA2404553	5/1/2024	5/1/2025	$1,000,000 PER CLAIM/ ANNUAL AGGREGATE	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: HNTB JOB #67261; CITY OF OLATHE, KS PROJECT: SANTA FE, RIDGEVIEW TO MUR-LEN, IMPROVEMENTS PROJECT, PROJECT NO. 3-C-025-18

CERTIFICATE HOLDER

16108279
CITY OF OLATHE, KS
100 E SANTA FE
OLATHE KS 66051

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Joyce M Agnello