FOR PROFESSIONAL SERVICES City of Olathe, Kansas

	This Supp	lemental	Agreemer	nt made	this		day of			, 20	25
by and	d between	the City	of Olathe	("City")	and	George	Butler	Associates,	Inc.	("Consultar	ıt")
(collec	tively, the	"Parties").								

WHEREAS, the City and Consultant have previously entered into an Agreement, dated May 20, 2022 ("the Agreement"), for an improvement project for the South Hyer Street, South Emery Street, and North Water Street Improvements Project; PN 3-R-002-23 and the East Lakeview, East Wabash Avenues, and South Chester Street Improvements Project; PN 3-R-003-23 ("Project"); and

WHEREAS, Section II.B.2 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 design services to provide updated plans for Chester Street, Hyer Street, Emery Street, Wabash Avenue, Lakeview Avenue; and to provide additional design services to provide plans for 107th Street in Cedar Creek, and Access Road at Cedar Lake 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 total fee for the additional professional services provided pursuant to this Supplemental Agreement is Forty-four Thousand Nine Hundred Eighty-six dollars (\$44,986) for project 3-R-003-23, One Hundred Twenty-six Thousand Four Hundred Twenty-eight dollars (\$126,428) for project 3-R-001-26, and One Hundred Seventy-four Thousand Two Hundred Thirty-four dollars (\$174,234) for project 3-P-009-26; which raises the total fee for all services provided under the Agreement from Three Hundred Sixty-eight Thousand One Hundred Eighty-one dollars (\$368,181) to Seven Hundred Thirteen Thousand Eight Hundred Twenty-nine dollars (\$713,829).

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.

F	Зу:	
ATTEST:	- , .	Mayor
City Clerk		(SEAL)
APPROVED AS TO FORM:		
City Attorney or Deputy/Assistant City Attorn	iey	

George Butler Associates, Inc.

CITY OF OLATHE, KANSAS

By:

John Cooper, PE Senior Vice President

9801 Renner Blvd. Ste. 300

Lenexa, KS 66219

EXHIBIT A



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		PRINCIPAL	R/	ASSOCIATE	PROJECT LEADER	SENIOR	PROJECT	DESIGN AES	STAFF	SENIOR SURVEY SPECIALIST	SENIOR TECHNICIAN	LAND SURVEY FIELD SPECIALIST	DESIGN TECHNICIAN	MAN SURVEY PARTY	SENIOR ADMIN ASSISTANT	TOTAL	EXPENSES	OTAL .
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	CLASSIFICATION	****		0054		*00F	6470	6400	0440					6055				
1	HOURLY CHARGEOUT RATE SURVEY	\$298	\$274	\$254	\$224	\$205	\$178	\$160	\$142	\$282	\$172	\$152	\$130	\$255	\$120			
	OFFICE			1					1		1							
1.01	Prepare 1 Permanent Drainage Easement and 1 Temporary Construction Easement Description & Exhibit in ORD (Hyer S	Street)											8			8		\$1,040.00
1.02	Update Property Base Map per Titlework						1						6				\$300.00	\$1,258.00
1.03	Coordination, Oversight and QC Review and Signatures						3			1						4		\$816.00
	SURVEY SUBTOTAL	0	0	0	0	0	4	0	0	1	0	0	14	0	0	12	\$300.00	\$3,114.00
								L	L		L						4000.00	\$0,11-1.00
2	FINAL PLANS																	
2.01	PROJECT MANAGEMENT				2	2												\$858.00
2.02	Progress Meeting with City (2 meetings) General Project Coordination				2	4										4		\$820.00
2.03	Contract administration and invoicing	1				2									4	7		\$1,188.00
2.04	Submit Final Plans for City Review					2		1								3		\$570.00
2.05	Final Plans Comment Review Meeting (1 meeting)				1	11		1								3		\$589.00
2.06	Address City Comments & Resubmit PS&E				2	2		2								6		\$1,178.00
	ROADWAY & TRAFFIC DESIGN		†															
2.07	Updates to Plans for Final Bidding		1		2	2	4	4								12		\$2,210.00
2.08	Update Streetlights and Sidewalk (Hyer Street)			2		4		8								14		\$2,608.00
2.09	Hydrology and Hydraulics for Hyer Drainage Improvements (Spreadsheet, Rational Method)		ļ	2		_		16								18		\$3,068.00
2.10 2.11	Meeting w/ property owner / Site Visit			2		2		16								4 22		\$918.00
2.11	Drainage Design, Planimetrics, Storm Sewer Profiles, Quantity Updates (2 structures and 2 pipes) QA/QC			2	2	4	4	6								18		\$3,790.00 \$3,448.00
2.13	Utility Coordination Meeting #1					2	7	2								4		\$730.00
2.14	Final Utility Coordination - Conflict Analysis, Documentation, Bluebeam Session					16		6								22		\$4,240.00
2.15	Utility Coordination Meeting #2					2		2								4		\$730.00
2.16	Relocation Design Coordination Meetings (assumes 3 meetings)					6		6								12		\$2,190.00
	ENVIRONMENTAL PERMITTING																	
2.17	NPDES/SWPPP			8			16									24		\$4,880.00
2.17																		
	FINAL PLANS SUBTOTAL	1							_	_	_	0	0	0	4	181	\$0.00	\$34,015.00
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3.01 3.02 3.03	POST DESIGN Prepare Cinding Questions Answer Bid Addendum (1 addendum)			16		3 3 1	2									6 2		\$2,119.00 \$1,195.00 \$429.00
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3.01 3.02 3.03 3.04 3.05 3.06 3.06 3.06 5 3.06 1 1 2 2 3 4 4 5 5 6 7	Prepare Contract Documents (Schedule of Values, Measurement & Payment, General Special Conditions) Answer Bidding Questions Bid Addendum (1 addendum) Bid Addendum (1 addendum) Design Clarifications/Inquiries During Construction Prepare Record Drawings POST DESIGN SUBTOTAL UPPLEMENTAL #1 CHESTER, HYER, EMERY, WABASH, LAKEVIEW PROJECTS GRAND TOTAL Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation 30 Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Assumptions: Progress and comment review meetings shall be held virtually. Contract Document Preparation outside those listed in Post Design shall be the responsibility of the City. No modifications to Chester Street for cul-de-sac. No major modifications from previous final plan submittal will be required. Chester St, Hyer St, Emery St, Wabash Ave, Lakeview Ave will all be one plan set. 107th Street and Access Road will be added to the combined plan set.	0 1		1 4	1 1 3	3 3 1 4 2 2	2 2 1	8 1 3	2							6 2 9 4 8	\$0.00	\$2,119.00 \$1,195.00 \$429.00 \$1,938.00 \$748.00 \$1,428.00
3.01 3.02 3.03 3.04 3.05 3.06 3.06 3.06 5 5 1 1 2 2 3 4 4 5 5 6 7	Prepare Contract Documents (Schedule of Values, Measurement & Payment, General Special Conditions) Answer Bidding Questions Bid Addendum (1 addendum) Bid Addendum (1 addendum) Design Clarifications/Inquiries During Construction Prepare Record Drawings POST DESIGN SUBTOTAL UPPLEMENTAL #1 CHESTER, HYER, EMERY, WABASH, LAKEVIEW PROJECTS GRAND TOTAL Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation 30 Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Assumptions: Progress and comment review meetings shall be held virtually. Contract Document Preparation outside those listed in Post Design shall be the responsibility of the City. No modifications to Chester Street for cul-de-sac. No major modifications from previous final plan submittal will be required. Chester St, Hyer St, Emery St, Wabash Ave, Lakeview Ave will all be one plan set. 107th Street and Access Road will be added to the combined plan set.	0 1		1 4	1 1 3	3 3 1 4 2 2	2 2 1	8 1 3	2							6 2 9 4 8	\$0.00	\$2,119.00 \$1,195.00 \$429.00 \$1,938.00 \$748.00 \$1,428.00
3.01 3.02 3.03 3.04 3.05 3.06 3.06 3.06 5 3.06 1 1 2 2 3 4 4 5 5 6 7	Prepare Contract Documents (Schedule of Values, Measurement & Payment, General Special Conditions) Answer Bidding Questions Bid Addendum (1 addendum) Bid Addendum (1 addendum) Design Clarifications/Inquiries During Construction Prepare Record Drawings POST DESIGN SUBTOTAL UPPLEMENTAL #1 CHESTER, HYER, EMERY, WABASH, LAKEVIEW PROJECTS GRAND TOTAL Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation 30 Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Assumptions: Progress and comment review meetings shall be held virtually. Contract Document Preparation outside those listed in Post Design shall be the responsibility of the City. No modifications to Chester Street for cul-de-sac. No major modifications from previous final plan submittal will be required. Chester St, Hyer St, Emery St, Wabash Ave, Lakeview Ave will all be one plan set. 107th Street and Access Road will be added to the combined plan set.	0 1		1 4	1 1 3	3 3 1 4 2 2	2 2 1	8 1 3	2							6 2 9 4 8	\$0.00	\$2,119.00 \$1,195.00 \$429.00 \$1,938.00 \$748.00 \$1,428.00
3.01 3.02 3.03 3.04 3.05 3.06 3.06 3.06 5 3.06 1 1 2 2 3 4 4 5 5 6 7	Prepare Contract Documents (Schedule of Values, Measurement & Payment, General Special Conditions) Answer Bidding Questions Bid Addendum (1 addendum) Bid Addendum (1 addendum) Design Clarifications/Inquiries During Construction Prepare Record Drawings POST DESIGN SUBTOTAL UPPLEMENTAL #1 CHESTER, HYER, EMERY, WABASH, LAKEVIEW PROJECTS GRAND TOTAL Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation 30 Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Assumptions: Progress and comment review meetings shall be held virtually. Contract Document Preparation outside those listed in Post Design shall be the responsibility of the City. No modifications to Chester Street for cul-de-sac. No major modifications from previous final plan submittal will be required. Chester St, Hyer St, Emery St, Wabash Ave, Lakeview Ave will all be one plan set. 107th Street and Access Road will be added to the combined plan set.	0 1		1 4	1 1 3	3 3 1 4 2 2	2 2 1	8 1 3	2							6 2 9 4 8	\$0.00	\$2,119.00 \$1,195.00 \$429.00 \$1,938.00 \$748.00 \$1,428.00
3.01 3.02 3.03 3.04 3.05 3.06 3.06 3.06 5 3.06 1 1 2 2 3 4 4 5 5 6 7	Prepare Contract Documents (Schedule of Values, Measurement & Payment, General Special Conditions) Answer Bidding Questions Bid Addendum (1 addendum) Bid Addendum (1 addendum) Design Clarifications/Inquiries During Construction Prepare Record Drawings POST DESIGN SUBTOTAL UPPLEMENTAL #1 CHESTER, HYER, EMERY, WABASH, LAKEVIEW PROJECTS GRAND TOTAL Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation 30 Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Assumptions: Progress and comment review meetings shall be held virtually. Contract Document Preparation outside those listed in Post Design shall be the responsibility of the City. No modifications to Chester Street for cul-de-sac. No major modifications from previous final plan submittal will be required. Chester St, Hyer St, Emery St, Wabash Ave, Lakeview Ave will all be one plan set. 107th Street and Access Road will be added to the combined plan set.	0 1		1 4	1 1 3	3 3 1 4 2 2	2 2 1	8 1 3	2							6 2 9 4 8	\$0.00	\$2,119.00 \$1,195.00 \$429.00 \$1,938.00 \$748.00 \$1,428.00
3.01 3.02 3.03 3.04 3.05 3.06 3.06 3.06 5 3.06 1 1 2 2 3 4 4 5 5 6 7	Prepare Contract Documents (Schedule of Values, Measurement & Payment, General Special Conditions) Answer Bidding Questions Bid Addendum (1 addendum) Bid Addendum (1 addendum) Design Clarifications/Inquiries During Construction Prepare Record Drawings POST DESIGN SUBTOTAL UPPLEMENTAL #1 CHESTER, HYER, EMERY, WABASH, LAKEVIEW PROJECTS GRAND TOTAL Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation 30 Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Assumptions: Progress and comment review meetings shall be held virtually. Contract Document Preparation outside those listed in Post Design shall be the responsibility of the City. No modifications to Chester Street for cul-de-sac. No major modifications from previous final plan submittal will be required. Chester St, Hyer St, Emery St, Wabash Ave, Lakeview Ave will all be one plan set. 107th Street and Access Road will be added to the combined plan set.	0 1		1 4	1 1 3	3 3 1 4 2 2	2 2 1	8 1 3	2							6 2 9 4 8	\$0.00	\$2,119.00 \$1,195.00 \$429.00 \$1,938.00 \$748.00 \$1,428.00
3.01 3.02 3.03 3.04 3.05 3.06 S S S 1 1 2 3 4 5 6 6 7 7 8 8	Prepare Contract Documents (Schedule of Values, Measurement & Payment, General Special Conditions) Answer Bidding Questions Bild Addendum (1 addendum) Review Snop Drawings (Storm Sewer, Asphalt, Concrete, Streetlighting) Design Clarifications/Inquiries During Construction Prepare Record Drawings POST DESIGN SUBTOTAL POST DESIGN SUBTOTAL PPLEMENTAL #1 CHESTER, HYER, EMERY, WABASH, LAKEVIEW PROJECTS GRAND TOTAL Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation 3D Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Assumptions: Progress and comment review meetings shall be held virtually. Contract Document Preparation outside those listed in Post Design shall be the responsibility of the City. Shop Drawing Review outside those listed in Post Design shall be the responsibility of the City. No modifications to Chester Street for cul-de-sac. No major modifications from previous final plan submittal will be required. Chester St, Hyer St, Emery St, Wabash Ave, Lakeview Ave will all be one plan set. 107th Street and Access Road will be added to the combined plan set. Post Design services for these street reconstructions will be done in concurrence with 107th Street and Access Road projections.	0 1		1 4	1 1 3	3 3 1 4 2 2	2 2 1	8 1 3	2							6 2 9 4 8	\$0.00	\$2,119.00 \$1,195.00 \$429.00 \$1,938.00 \$748.00 \$1,428.00
3.01 3.02 3.03 3.04 3.05 3.06 3.06 3.06 5 3.06 1 1 2 2 3 4 4 5 5 6 7	Prepare Contract Documents (Schedule of Values, Measurement & Payment, General Special Conditions) Answer Bidding Questions Bild Addendum (1 addendum) Review Snop Drawings (Storm Sewer, Asphalt, Concrete, Streetlighting) Design Clarifications/Inquiries During Construction Prepare Record Drawings POST DESIGN SUBTOTAL POST DESIGN SUBTOTAL PPLEMENTAL #1 CHESTER, HYER, EMERY, WABASH, LAKEVIEW PROJECTS GRAND TOTAL Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation 3D Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Assumptions: Progress and comment review meetings shall be held virtually. Contract Document Preparation outside those listed in Post Design shall be the responsibility of the City. Shop Drawing Review outside those listed in Post Design shall be the responsibility of the City. No modifications to Chester Street for cul-de-sac. No major modifications from previous final plan submittal will be required. Chester St, Hyer St, Emery St, Wabash Ave, Lakeview Ave will all be one plan set. 107th Street and Access Road will be added to the combined plan set. Post Design services for these street reconstructions will be done in concurrence with 107th Street and Access Road projections.	0 1		1 4	1 1 3	3 3 1 4 2 2	2 2 1	8 1 3	2							6 2 9 4 8	\$0.00	\$2,119.00 \$1,195.00 \$429.00 \$1,938.00 \$748.00 \$1,428.00
3.01 3.02 3.03 3.04 3.05 3.06 3.06 S S S 1 1 2 2 3 4 5 5 6 6 7 7 8 8	Prepare Contract Documents (Schedule of Values, Measurement & Payment, General Special Conditions) Answer Bidding Questions Bild Addendum (1 addendum) Review Shop Drawings (Storm Sewer, Asphalt, Concrete, Streetlighting) Design Clarifications/Inquiries During Construction Prepare Record Drawings POST DESIGN SUBTOTAL UPPLEMENTAL #1 CHESTER, HYER, EMERY, WABASH, LAKEVIEW PROJECTS GRAND TOTAL Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation 3D Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Assumptions: Progress and comment review meetings shall be held virtually. Contract Document Preparation outside those listed in Post Design shall be the responsibility of the City. No modifications from previous final plan submittal will be required. Chester St, Hyer St, Ernery St, Wabash Ave, Lakeview Ave will all be one plan set. Post Design services for these street reconstructions will be done in concurrence with 107th Street and Access Road proj	0 1		1 4	1 1 3	3 3 1 4 2 2	2 2 1	8 1 3	2							6 2 9 4 8	\$0.00	\$2,119.00 \$1,195.00 \$429.00 \$1,938.00 \$748.00 \$1,428.00

1 of 1



	CLASSIFICATION HOURLY CHARGEOUT RATE	PRINCIPAL 8628	SENIOR ASSOCIATE	ASSOCIATE \$5254	PROJECT LEADER	SENIOR AES	PROJECT AES	DESIGN AES	STAFF AES	SENIOR SURVEY SPECIALIST	SENIOR TECHNICIAN	LAND SURVEY FIELD SPECIALIST	DESIGN TECHNICIAN	2 MAN SURVEY PARTY	SENIOR ADMIN ASSISTANT	TOTAL HOURS	EXPENSES	TOTAL COST
1	SURVEY								1									
1.01	FIELD Demonstrative Control and Levels													6		6		\$1,530.00
1.02	Permanent Survey Control and Levels Survey Utility Locates						4							4		8	\$56.00	\$1,788.00
1.03	Survey Storm (12) & Santitary (8) Inverts													8		8	\$14.00	\$2,054.00
1.04	Topographic Suvey of trees, gradebreaks, obscure areas, and soft scape 10' outside of sidewalk													4		4		\$1,020.00
1.05	Mobile Lidar & Extraction						18				28					46	\$2,568.00	\$10,588.00
1.06	Locate R/W & property corners (18 parcels)													12		12		\$3,060.00
	OFFICE																	
1.07	OFFICE General Project Coordination and QA/QC						8			2						10		\$1,988.00
1.08	Develop Topographic Basemap & Terrain						_			-			20			20		\$2,600.00
1.09	Boundary Determination & Deed Research (18 parcels - No titlework)						6			2						8		\$1,632.00
1.10	Property Base Map and Platted Easements (18 Parcels)												10			10		\$1,300.00
1.11	Aerial Photo and Coordination						2									2	\$2,300.00	\$2,656.00
	SURVEY SUBTOTAL	0	0	_	_	•	38		0		28	•	30	24	0	134	\$4,938.00	\$30,216.00
	SORVET SUBTOTAL						30							34		134	\$4,550.00	φ30,210.00
3	PRELIMINARY PLANS																	
	PROJECT MANAGEMENT																	
3.01	Project Start-up (Accounting/CAD Workspace)					2			2						4	8		\$1,174.00
3.02	Progress Meeting with City (2 meetings)		1		2	2		2								7		\$1,452.00
3.03	General Project Coordination and Submittals	1			2	12		2	_	-					40	17		\$3,526.00
3.04	Contract Administration and Invoicing Preliminary Plans Comment Review Meeting (1 meeting)	1			1	6 1		1							10	17 3		\$2,728.00 \$589.00
0.00	Telliminary Trains Common New Meeting (Timesting)				<u> </u>													\$303.00
	ROADWAY DESIGN																	
3.06	Internal Kickoff Meeting (1 meeting)					1		1	1							3		\$507.00
3.07	Internal Progress Meetings (2 meetings)					2		2	2							6		\$1,014.00
3.08	AIMS data request					1										1		\$205.00
3.09	Site Visit (1)					2		2								4	\$20.00	\$750.00
3.10	Establish Horizontal Alignment					2		8								6 11		\$1,050.00
3.11	Establish Vertical Alignment & Cul-de-sac Geomtery Preliminary Improvements Planimetrics (roadway, curb, sidewalk, entrances, storm inlet tops)					2		16								18		\$1,895.00 \$2,970.00
3.13	Preliminary 3D Corridor Model					4		24								28		\$4,660.00
3.14	Title Sheet								2							2		\$284.00
3.15	Typical Pavement Sections					1			3							4		\$631.00
3.16	Preliminary Plan Sheets (20 Scale - 2 sheets)							4	8							12		\$1,776.00
3.17	Preliminary Profile Sheets (20 Scale - 2 sheets)							2	4							6		\$888.00
3.18	Develop Preliminary Quantities & Cost Estimate (Road Items)				-	2		3	8	-						13		\$2,026.00
3.19	Preliminary Cross Sections (25' Interval) QA/QC			4	+	8	4	8	8	+						8 32		\$1,172.00 \$5,784.00
3.21	Preliminary Utility Coordination - Contact List, Request Maps, Verify Locates, Bluebeam Session			-		8	-	6	- 0							14		\$2,600.00
																		+- ,
	TRAFFIC DESIGN																	
3.22	Internal Kickoff Meeting (1 meeting)				1				1							2		\$366.00
3.23	Internal Progress Meetings (2 meetings)				1 1				1 -							2		\$366.00 \$934.00
3.24	Preliminary Traffic Control Layout Site Visit (1)				1				5							6 2	\$20.00	\$386.00
3.25	QA/QC		1		1				3							5	\$20.00	\$924.00
	PRELIMINARY PLANS SUBTOTAL	2	2	4	10	59	4	87	55	0	0	0	0	0	14	237	\$40.00	\$40,657.00
4	CIMAL DI ANG																	
4	FINAL PLANS PROJECT MANAGEMENT			I	I				T	T	I		I	I				
4.01	Progress Meeting with City (2 meetings)		1		2	2		2								7		\$1,452.00
4.02	General Project Coordination	1			2	12		2								17		\$3,526.00
4.03	Contract administration and invoicing	1				6									10	17		\$2,728.00
4.04	Submit Final Plans for City Review					2		1								3		\$570.00
4.05	Final Plans Comment Review Meeting (1 meeting)				1	1		1	.							3		\$589.00
4.06					2	4		4	4							14		\$2,476.00
	Address City Comments & Resubmit PS&E																	
4.07	ROADWAY DESIGN					2		2	2							6		\$1,014.00
4.07 4.08	ROADWAY DESIGN Internal Progress Meetings (2 meetings) Site Visit (1)					1		2	2							2	\$20.00	\$1,014.00 \$367.00
4.08 4.09	ROADWAY DESIGN Internal Progress Meetings (2 meetings) Site Visit (1) Finalize Vertical Alignment & Cul-de-sac Geomtery					1 3		6	2							9	\$20.00	\$367.00 \$1,575.00
4.08 4.09 4.10	ROADWAY DESIGN Internal Progress Meetings (2 meetings) Site Visit (1) Finalize Vertical Alignment & Cul-de-sac Geomtery Driveway Profiles					1 3 1		6	1							9 7	\$20.00	\$367.00 \$1,575.00 \$1,165.00
4.08 4.09 4.10 4.11	ROADWAY DESIGN Internal Progress Meetings (2 meetings) Site Visit (1) Finalize Vertical Alignment & Cul-de-sac Geomtery Driveway Profiles Final Improvements Planimetrics (roadway, curb, sidewalk, entrances, storm inlet tops)					1 3 1 2		6 6 8	2 1							9 7 10	\$20.00	\$367.00 \$1,575.00 \$1,165.00 \$1,690.00
4.08 4.09 4.10 4.11 4.12	ROADWAY DESIGN Internal Progress Meetings (2 meetings) Site Visit (1) Finalize Vertical Alignment & Cul-de-sac Geomtery Driveway Profiles Final Improvements Planimetrics (roadway, curb, sidewalk, entrances, storm inlet tops) Finalize 3D Corridor Model					1 3 1		6	1							2 9 7 10 20	\$20.00	\$367.00 \$1,575.00 \$1,165.00 \$1,690.00 \$3,380.00
4.08 4.09 4.10 4.11 4.12 4.13	ROADWAY DESIGN Internal Progress Meetings (2 meetings) Site Visit (1) Finalize Vertical Alignment & Cul-de-sac Geomtery Driveway Profiles Final Improvements Planimetrics (roadway, curb, sidewalk, entrances, storm inlet tops) Finalize 3D Corridor Model Finalize Title Sheet					1 3 1 2		6 6 8	2							2 9 7 10 20 2	\$20.00	\$367.00 \$1,575.00 \$1,165.00 \$1,690.00 \$3,380.00 \$284.00
4.08 4.09 4.10 4.11 4.12 4.13 4.14	ROADWAY DESIGN Internal Progress Meetings (2 meetings) Site Visit (1) Finalize Vertical Alignment & Cul-de-sac Geomtery Driveway Profiles Final Improvements Planimetrics (roadway, curb, sidewalk, entrances, storm inlet tops) Finalize 3D Corridor Model					1 3 1 2		6 6 8	2 2							2 9 7 10 20	\$20.00	\$367.00 \$1,575.00 \$1,165.00 \$1,690.00 \$3,380.00 \$284.00 \$284.00
4.08 4.09 4.10 4.11 4.12 4.13	ROADWAY DESIGN Internal Progress Meetings (2 meetings) Site Visit (1) Finalize Vertical Alignment & Cul-de-sac Geomtery Driveway Profiles Final Improvements Planimetrics (roadway, curb, sidewalk, entrances, storm inlet tops) Finalize 3D Corridor Model Finalize Title Sheet Finalize Titypical Sections					1 3 1 2 4		6 6 8	2							2 9 7 10 20 2	\$20.00	\$367.00 \$1,575.00 \$1,165.00 \$1,690.00 \$3,380.00 \$284.00 \$284.00 \$694.00
4.08 4.09 4.10 4.11 4.12 4.13 4.14 4.15 4.16 4.17	ROADWAY DESIGN Internal Progress Meetings (2 meetings) Site Visit (1) Finalize Vertical Alignment & Cul-de-sac Geomtery Driveway Profiles Final Improvements Planimetrics (roadway, curb, sidewalk, entrances, storm inlet tops) Finalize 3D Corridor Model Finalize Title Sheet Finalize Typical Sections General Notes Sheet Quantity Sheets Alignment Data and Survey Reference Sheet					1 3 1 2 4		6 6 8 16 4	2 2 2							2 9 7 10 20 2 2	\$20.00	\$367.00 \$1,575.00 \$1,165.00 \$1,690.00 \$3,380.00 \$284.00 \$284.00 \$694.00 \$568.00 \$1,208.00
4.08 4.09 4.10 4.11 4.12 4.13 4.14 4.15 4.16 4.17 4.18	ROADWAY DESIGN Internal Progress Meetings (2 meetings) Site Visit (1) Finalize Vertical Alignment & Cul-de-sac Geomtery Driveway Profiles Final Improvements Planimetrics (roadway, curb, sidewalk, entrances, storm inlet tops) Finalize 3D Corridor Model Finalize 3D Corridor Model Finalize Title Sheet Finalize Typical Sections General Notes Sheet Quantity Sheets Alignment Data and Survey Reference Sheet Finalize Plan Sheets - (20 Scale - 2 sheets)					1 3 1 2 4		6 6 8 16	2 2 2 2 4 4 4							2 9 7 10 20 2 2 4 4 8 8	\$20.00	\$367.00 \$1,675.00 \$1,165.00 \$1,690.00 \$3,380.00 \$284.00 \$694.00 \$568.00 \$1,208.00 \$1,298.00
4.08 4.09 4.10 4.11 4.12 4.13 4.14 4.15 4.16 4.17	ROADWAY DESIGN Internal Progress Meetings (2 meetings) Site Visit (1) Finalize Vertical Alignment & Cul-de-sac Geomtery Driveway Profiles Final Improvements Planimetrics (roadway, curb, sidewalk, entrances, storm inlet tops) Finalize 3D Corridor Model Finalize Title Sheet Finalize Typical Sections General Notes Sheet Quantity Sheets Alignment Data and Survey Reference Sheet					1 3 1 2 4		6 6 8 16 4	2 2 2 2 4 4							2 9 7 10 20 2 2 2 4 4 8	\$20.00	\$367.00 \$1,575.00 \$1,165.00 \$1,690.00 \$3,380.00 \$284.00 \$284.00 \$694.00 \$568.00



	CLASSIFICATION	PRINCIPAL	SENIOR ASSOCIATE	ASSOCIATE	PROJECT LEADER	SENIOR AES	PROJECT AES	DESIGN AES	STAFF AES	SENIOR SURVEY SPECIALIST	SENIOR TECHNICIAN	LAND SURVEY FIELD SPECIALIST	DESIGN TECHNICIAN	2 MAN SURVEY PARTY	SENIOR ADMIN ASSISTANT	TOTAL HOURS	EXPENSES	TOTAL COST
	HOURLY CHARGEOUT RATE	\$298	\$274	\$254	\$224	\$205	\$178	\$160	\$142	\$282	\$172	\$152	\$130	\$255	\$120			
4.22	Erosion Control Plans (20 Scale - 2 Sheets)							2	6							8		\$1,172.00
4.23	Finalize Quantities & Cost Estimate (Road Items, includes Stationing for Improvements)					2		2	8							12		\$1,866.00
4.24	QA/QC			2		6		6	6							20		\$3,550.00
4.25	Utility Coordination Meeting #1					2		2								4		\$730.00
4.26	Final Utility Coordination - Conflict Analysis, Documentation, Bluebeam Session					8		4								12		\$2,280.00
4.27	Utility Coordination Meeting #2					2		2								4		\$730.00
4.28	Relocation Design Coordination Meetings (assumes 3 meetings)					6		6								12		\$2,190.00
	TRAFFIC DESIGN															_		
4.29	Internal Progress Meetings (2 meetings)		_	-	1		-		1	-	-			-		2		\$366.00
4.30	Address City Comments and Finalize Traffic Control Plans		1	-	2		-		5 2	-	-			-		7		\$1,158.00
4.31 4.32	QA/QC Prepare Final Estimate		1		1				1	1	-					2		\$782.00 \$366.00
4.32	Address City Comments		_		1				2							3		\$366.00
4.33	Address City Comments		_	_	'											3		\$506.00
	ENVIRONMENTAL PERMITTING																	
4.34	NPDES/SWPPP		_	8			16									24		\$4,880.00
4.04	N BEGOWTT			-			10									2-7		ψ 4 ,000.00
	FINAL PLANS SUBTOTAL	2	2	10	13	70	16	86	70	0	0	0	0	0	10	279	\$20.00	\$48,714.00
5	POST DESIGN																	
5.01	Prepare Contract Documents (Schedule of Values, Measurement & Payment, General Special Conditions)				1	3		8								12		\$2,119.00
5.02	Answer Bidding Questions				1	3	2									6		\$1,195.00
5.03	Bid Addendum (1 addendum)				1	1										2		\$429.00
5.04	Review Shop Drawings (Storm Sewer, Asphalt, Concrete, Streetlighting)					4	2									6		\$1,176.00
5.05	Design Clarifications/Inquiries During Construction					2	1	1								4		\$748.00
5.06	Prepare Record Drawings					2		3	2							7		\$1,174.00
	POST DESIGN SUBTOTAL	0	0						2	0	0	0	0	0	0	37	\$0.00	\$6,841.00
				0	3	15	5	12						_				
				0	3	15	5	12	_									
	107TH STREET PROJECT GRAND TOTAL	4	4	14	3 26	15 144	63	185	127	4	28	0	30	34	24	687	\$4,998.00	\$126,428.00
	107TH STREET PROJECT GRAND TOTAL	4									28	0	30	34	24		\$4,998.00	\$126,428.00
	107TH STREET PROJECT GRAND TOTAL	4									28	0	30	34	24		\$4,998.00	\$126,428.00
	Excluded Services:	4									28	0	30	34	24		\$4,998.00	\$126,428.00
1	Excluded Services: Subsurface utility exploration or potholing	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4 5	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition 3D Modeling of Utilities	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4 5 6	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition 3D Modeling of Utilities Irrigation Design	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4 5	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition 3D Modeling of Utilities	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4 5 6 7 8	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition 3D Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Hydrology/Hydraulics Analysis Streetilght Replacement	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4 5 6 7 8	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition 3D Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Hydrolog/Hydraulics Analysis	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4 5 6 7 8	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition 3D Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Hydrology/Hydraulics Analysis Streetlight Replacement Vehicular Detour Plans	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4 5 6 7 8 9	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition 3D Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Hydrology/Hydraulics Analysis Streetlight Replacement Vehicular Detour Plans Assumptions:	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4 5 6 7 8 9	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition 3b Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Hydrology/Hydraulics Analysis Streetlight Replacement Vehicular Detour Plans Assumptions: Kickoff, progress, and comment review meetings shall be held virtually.	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4 5 6 7 8 9 10	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition 3D Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Hydrology/Hydraulics Analysis Streetlight Replacement Vehicular Detour Plans Assumptions: Kickoff, progress, and comment review meetings shall be held virtually. TTC will primarily consist of full road closure and include standard drawings.	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4 5 6 7 8 9 10	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition 3D Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Hydrology/Hydraulics Analysis Sidewalk Reamp Details and Elevations Hydrology/Hydraulics Analysis Sitreetlight Replacement Vehicular Detour Plans Assumptions: Kickoff, progress, and comment review meetings shall be held virtually. TTC will primarily consist of full road closure and include standard drawings. No temporary traffic control quantities will be tabulated for the project; cost estimate will be shown as lump sum.	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4 5 6 7 8 9 10	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition 3D Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Hydrology/Hydraulics Analysis Streetlight Replacement Vehicular Detour Plans Assumptions: Kickoff, progress, and comment review meetings shall be held virtually. TTC will primarily consist of full road closure and include standard drawings. No temporary traffic control quantities will be tabulated for the project; cost estimate will be shown as lump sum. Storm sewer improvements will be limited to replacement of curb in lett tops, no pipe replacements.	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4 5 6 7 7 8 9 10	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition 3D Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Hydrology/Hydraulics Analysis Streetlight Replacement Vehicular Detour Plans Assumptions: Kickoff, progress, and comment review meetings shall be held virtually. TTC will primarily consist of full road closure and include standard drawings. No temporary traffic control quantities will be tabulated for the project; cost estimate will be shown as lump sum. Storm sewer improvements will be limited to replacement of curb intel tops, no pipe replacements. Contract Document Preparation outside those listed in Post Design shall be the responsibility of the City.	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4 5 6 7 8 9 10	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition 3D Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Hydrology/Hydraulics Analysis Streetlight Replacement Vehicular Detour Plans Assumptions: Kickoff, progress, and comment review meetings shall be held virtually. TTC will primarily consist of full road closure and include standard drawings. No temporary traffic control quantities will be tabulated for the project; cost estimate will be shown as lump sum. Storm sewer improvements will be limited to replacement of curb inlet tops, no pipe replacements. Contract Document Preparation outside those listed in Post Design shall be the responsibility of the City. Shop Drawing Review outside those listed in Post Design shall be the responsibility of the City.	4									28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4 5 6 7 7 8 9 10 10 2 3 4 4 5 6 6 7 7 8	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition 3D Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Hydrology/Hydraulics Analysis Streellight Replacement Vehicular Detour Plans Assumptions: Klöckoff, progress, and comment review meetings shall be held virtually. TTC will primarily consist of full road closure and include standard drawings. No temporary traffic control quantities will be tabulated for the project; cost estimate will be shown as lump sum. Storm sewer improvements will be limited to replacement of curb inlet tops, no pipe replacements. Contract Document Preparation outside those listed in Post Design shall be the responsibility of the City. Shop Drawing Review outside those listed in Post Design shall be the responsibility of the City. This scope of work includes filing a Kansas one call locate request and filing 1 Kansas one call nonresponse ticket. Additional attempts to obtain utility marking per Kansas One call will be an additional expense.		4								28	0	30	34	24		\$4,998.00	\$126,428.00
2 3 4 5 6 7 7 8 9 10 10 2 2 3 4 5 6	Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Legal Descriptions and/or exhibits for property acquisition 3D Modeling of Utilities Irrigation Design Sidewalk Ramp Details and Elevations Hydrology/Hydraulics Analysis Streetlight Replacement Vehicular Detour Plans Assumptions: Kickoff, progress, and comment review meetings shall be held virtually. TTC will primarily consist of full road closure and include standard drawings. No temporary traffic control quantities will be tabulated for the project; cost estimate will be shown as lump sum. Storm sewer improvements will be limited to replacement of curb inlet tops, no pipe replacements. Contract Document Preparation outside those listed in Post Design shall be the responsibility of the City. Shop Drawing Review outside those listed in Post Design shall be the responsibility of the City.	nd Lakevi	4								28	0	30	34	24		\$4,998.00	\$126,428.00

2 of 2 7/2/2025



		IPAL	SOCIATE	IATE	LEADER	AES	T AES	A AES	AES	URVEY	CHNICIAN	JRVEY	CHNICIAN	URVEY TY	ADMIN	HOURS	SES	COST
		PRINCIPAL	SENIOR ASSOCIATE	ASSOCIATE	PROJECT	SENIOR	PROJECT	DESIGN	STAFF	SENIOR SURVEY SPECIALIST	SENIOR TECHNICIAN	LAND SURVEY FIELD SPECIALIST	DESIGN TECHNIC	2 MAN SURVEY PARTY	SENIOR ADMIN ASSISTANT	ТОТАL Н	EXPENSES	TOTAL
	CLASSIFICATION HOURLY CHARGEOUT RATE	9002	\$274	\$254		\$205	\$178	\$160	\$142		5 \$172	\$152	\$130	\$255	\$120			
1	SURVEY	φ290	9214	Ψ2J4	9224	φ203	\$170	\$100	ψ14Z	\$202	ψ17Z	\$102	φ130	\$233	\$120			
	FIELD																	
1.01	Permanent Survey Control and Levels						4							4		8	656.00	\$2,040.00
1.02 1.03	Survey Utility Locates Survey Storm Inverts (7 pipes)						4							4		8	\$56.00	\$1,788.00 \$1,020.00
1.04	Topographic Suvey of trees, gradebreaks, obscure areas, and soft scape 20' outside of edge of asphalt													6		6		\$1,530.00
1.05	Mobile Lidar & Extraction						24				38			40		62	\$2,591.00	\$13,399.00
1.06	Locate R/W, section corners, and property corners (7 parcels)													12		12		\$3,060.00
	OFFICE																	
1.07	General Project Coordination and QA/QC						6			2						8		\$1,632.00
1.08	Develop Topographic Basemap & Terrain						6			2			20			20		\$2,600.00
1.09 1.10	Boundary Determination & Deed Research (7 parcels - No titlework) Property Base Map and Platted Easements (7 Parcels)						6			2			8			8 10		\$1,632.00 \$1,396.00
1.11	Aerial Photo and Coordination						2									2	\$3,600.00	\$3,956.00
	OUDVEY OUDTOTAL								_					0.4	_	440	60.047.00	604.050.00
	SURVEY SUBTOTAL	0	U	l	U		44	U	U	4	38 	U	28	34	U	148	\$6,247.00	\$34,053.00
2	PRELIMINARY PLANS																	
0.04	PROJECT MANAGEMENT			ļ							ļ					_		A4
2.01	Project Start-up (Accounting/CAD Workspace) Progress Meeting with City (2 meetings)		1		2	2		2	2						4	7		\$1,174.00 \$1,452.00
2.03	General Project Coordination and Submittals	1			2	16		2								21		\$4,346.00
2.04	Contract Administration and Invoicing	1				6									10	17		\$2,728.00
2.05	Preliminary Plans Comment Review Meeting (1 meeting)				1	1		1								3		\$589.00
	ROADWAY DESIGN																	
2.06	Internal Kickoff Meeting (1 meeting)					1		1	1							3		\$507.00
2.07	Internal Progress Meetings (2 meetings)					2		2	2							6		\$1,014.00
2.08	AIMS data request					1		2								4		\$205.00
2.09	Site Visit (1) Establish Horizontal Alignment					2		6								8		\$730.00 \$1,370.00
2.11	Establish Vertical Alignment					3		8								11		\$1,895.00
2.12	Preliminary Improvements Planimetrics (roadway, boat ramp turnaround)					4		16								20		\$3,380.00
2.13 2.14	Request FEMA Model Develop Existing Backwater Analysis (2 Structures)			4			24									5 28	\$400.00	\$1,366.00 \$5,288.00
2.15	Develop Proposed Backwater Analysis (2 Structures)			4			16									20		\$3,864.00
2.16	Preliminary Drainage Improvements			6			40									46		\$8,644.00
2.17 2.18	Develop Draft Floodplain Development Permit Preliminary 3D Corridor Model			1		4	4	24								5 28		\$966.00 \$4,660.00
2.19	Title Sheet					-		24	2							2		\$284.00
2.20	Typical Pavement Sections					1			3							4		\$631.00
2.21	Preliminary Plan Sheets (20 Scale - 10 sheets)							4	12							16		\$2,344.00
2.22	Preliminary Profile Sheets (20 Scale - 10 sheets) Develop Preliminary Quantities & Cost Estimate (Road Items)					2		3	6 8							8		\$1,172.00 \$2,026.00
2.24	Preliminary Cross Sections (25' Interval)					-		-								13		
2.25	QA/QC							2	8							13 10		\$1,456.00
2.26				4		8	4	8	8							10 32		\$1,456.00 \$5,784.00
	Preliminary Utility Coordination - Contact List, Request Maps, Verify Locates, Bluebeam Session			4		8	4									10		\$1,456.00
				4			4	8								10 32		\$1,456.00 \$5,784.00
2.27	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting)			4		1	4	8		1						10 32 14		\$1,456.00 \$5,784.00 \$2,600.00 \$487.00
2.28	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Progress Meetings (2 meetings)			4		1 1	4	8		1						10 32 14 2 2	220.00	\$1,456.00 \$5,784.00 \$2,600.00 \$487.00
2.28 2.29	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Progress Meetings (2 meetings) Site Visit (1)			4		1	4	8		1						10 32 14 2 2 2	\$20.00	\$1,456.00 \$5,784.00 \$2,600.00 \$487.00 \$507.00
2.28	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Progress Meetings (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout			4		1 1 1	4	8		1						10 32 14 2 2	\$20.00	\$1,456.00 \$5,784.00 \$2,600.00 \$487.00
2.28 2.29 2.30 2.31 2.32	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Progress Meetings (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout Develop Preliminary Cost Estimate (Traffic Items)					1 1 1 1 1 1	4	8		1 1 2 5 1						10 32 14 2 2 2 2 3 6 2	\$20.00	\$1,456.00 \$5,784.00 \$2,600.00 \$487.00 \$487.00 \$507.00 \$769.00 \$1,615.00 \$487.00
2.28 2.29 2.30 2.31	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Progress Meetings (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout			1		1 1 1 1 1	4	8		1 1 2 5						10 32 14 2 2 2 2 3 6	\$20.00	\$1,456.00 \$5,784.00 \$2,600.00 \$487.00 \$487.00 \$507.00 \$769.00 \$1,615.00
2.28 2.29 2.30 2.31 2.32	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Progress Meetings (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout Develop Preliminary Cost Estimate (Traffic Items)	2	1		5	1 1 1 1 1 1	92	8		1 1 2 5 1	0	0	0	0	14	10 32 14 2 2 2 2 3 6 2	\$20.00	\$1,456.00 \$5,784.00 \$2,600.00 \$487.00 \$487.00 \$507.00 \$769.00 \$1,615.00 \$487.00
2.28 2.29 2.30 2.31 2.32 2.33	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Progress Meetings (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout Develop Preliminary Cost Estimate (Traffic Items) QA/QC PRELIMINARY PLANS SUBTOTAL	2	1	1	5	1 1 1 1 1 1 1 2		8	8	1 1 2 5 1 4	0	0	0	0	14	10 32 14 2 2 2 2 3 6 2 7		\$1,456.00 \$5,784.00 \$2,600.00 \$487.00 \$487.00 \$507.00 \$769.00 \$1,615.00 \$487.00 \$1,792.00
2.28 2.29 2.30 2.31 2.32	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Progress Meetings (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout Develop Preliminary Cost Estimate (Traffic Items) QA/QC PRELIMINARY PLANS SUBTOTAL	2	1	1	5	1 1 1 1 1 1 1 2		8	8	1 1 2 5 1 4	0	0	0	0	14	10 32 14 2 2 2 2 3 6 2 7		\$1,456.00 \$5,784.00 \$2,600.00 \$487.00 \$487.00 \$507.00 \$769.00 \$1,615.00 \$487.00 \$1,792.00
2.28 2.29 2.30 2.31 2.32 2.33	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Progress Meetings (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout Develop Preliminary Cost Estimate (Traffic Items) QA/QC PRELIMINARY PLANS SUBTOTAL	2	1	1	5	1 1 1 1 1 1 1 2		8	8	1 1 2 5 1 4	0	0	0	0	14	10 32 14 2 2 2 2 3 6 2 7		\$1,456.00 \$5,784.00 \$2,600.00 \$487.00 \$487.00 \$507.00 \$769.00 \$1,615.00 \$487.00 \$1,792.00
2.28 2.29 2.30 2.31 2.32 2.33	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Progress Meetings (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout Develop Preliminary Cost Estimate (Traffic Items) QA/QC PRELIMINARY PLANS SUBTOTAL FINAL PLANS PROJECT MANAGEMENT	2		1		1 1 1 1 1 1 1 2		8 6	8	1 1 2 5 1 4	0	0	0	0	14	10 32 14 2 2 2 2 2 3 6 2 7		\$1,456.00 \$5,784.00 \$2,600.00 \$487.00 \$487.00 \$507.00 \$769.00 \$1,615.00 \$1,792.00 \$66,619.00
2.28 2.29 2.30 2.31 2.32 2.33 3 3.01 3.02 3.03	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Kickoff Meeting (2 meetings) Internal Progress Meetings (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout Develop Preliminary Cost Estimate (Traffic Items) QA/QC PRELIMINARY PLANS SUBTOTAL FINAL PLANS PROJECT MANAGEMENT Progress Meeting with City (2 meetings) General Project Coordination Contract administration and invoicing	1 1		1	2	73 2 16 6		89	8	1 1 2 5 1 4	0	0	0	0	14	10 32 14 2 2 2 2 3 6 2 7 364 7		\$1,456.00 \$2,600.00 \$487.00 \$487.00 \$487.00 \$507.00 \$769.00 \$1,615.00 \$487.00 \$1,792.00 \$1,452.00 \$1,452.00 \$4,346.00
2.28 2.29 2.30 2.31 2.32 2.33 3 3 3.01 3.02 3.03 3.03	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Kickoff Meeting (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout Develop Preliminary Cost Estimate (Traffic Items) QA/QC PRELIMINARY PLANS SUBTOTAL FINAL PLANS PROJECT MANAGEMENT Progress Meeting with City (2 meetings) General Project Coordination Contract administration and invoicing Submit Final Plans for City Review	1 1		1	2	1 1 1 1 1 1 1 2		8 6	8	1 1 2 5 1 4	0	0	0	0	14	10 32 14 2 2 2 2 3 6 2 7 7 364		\$1,456.00 \$5,784.00 \$2,600.00 \$487.00 \$487.00 \$507.00 \$769.00 \$1,4792.00 \$1,792.00 \$66,619.00 \$1,452.00 \$4,346.00 \$2,728.00 \$570.00
2.28 2.29 2.30 2.31 2.32 2.33 3 3 3.01 3.02 3.03 3.04 3.05	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Kickoff Meeting (2 meetings) Internal Progress Meetings (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout Develop Preliminary Cost Estimate (Traffic Items) QA/QC PRELIMINARY PLANS SUBTOTAL FINAL PLANS PROJECT MANAGEMENT Progress Meeting with City (2 meetings) General Project Coordination Contract administration and invoicing	1 1		1	2	1 1 1 1 1 1 1 2 73 73 76 6 6 2		8 6 6 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	8	1 1 2 5 1 4	0	0	0	0	14	10 32 14 2 2 2 2 3 6 2 7 364 7		\$1,456.00 \$2,600.00 \$487.00 \$487.00 \$487.00 \$507.00 \$769.00 \$1,615.00 \$487.00 \$1,792.00 \$1,452.00 \$1,452.00 \$4,346.00
2.28 2.29 2.30 2.31 2.32 2.33 3 3 3.01 3.02 3.03 3.04 3.05	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Progress Meetings (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Praffic Control Layout Develop Preliminary Cost Estimate (Traffic Items) QA/QC PRELIMINARY PLANS SUBTOTAL FINAL PLANS PROJECT MANAGEMENT Progress Meeting with City (2 meetings) General Project Coordination Contract administration and invoicing Submit Final Plans for City Review Final Plans Comment Review Meeting (1 meeting) Address City Comments & Resubmit PS&E	1 1		1	2 2	73 2 16 6 2 1		89 89 2 2 1	52	1 1 2 5 1 4	0	0	0	0	14	10 32 14 2 2 2 2 3 6 6 2 7 7 364		\$1,456.00 \$2,600.00 \$2,600.00 \$487.00 \$487.00 \$507.00 \$769.00 \$1,615.00 \$487.00 \$1,792.00 \$1,452.00 \$2,728.00 \$570.00 \$2,728.00
2.28 2.29 2.30 2.31 2.32 2.33 3.01 3.02 3.03 3.04 3.05 3.06	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Kickoff Meeting (2 meetings) Internal Kickoff Meeting (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout Develop Preliminary Cost Estimate (Traffic Items) QA/QC PRELIMINARY PLANS PROJECT MANAGEMENT Progress Meeting with City (2 meetings) General Project Coordination Contract administration and invoicing Submit Final Plans for City Review Final Plans Comment Review Meeting (1 meeting) Address City Comments & Resubmit PS&E ROADWAY DESIGN	1 1		1	2 2	73 73 2 16 6 6 2 1		89 89 1 1 4	52	1 1 2 5 1 4	0	0	0	0	14	10 32 14 2 2 2 2 3 6 2 7 7 364		\$1,456.00 \$2,600.00 \$487.00 \$487.00 \$487.00 \$507.00 \$769.00 \$1,615.00 \$487.00 \$1,792.00 \$1,452.00 \$2,728.00 \$2,728.00 \$570.00 \$599.00 \$2,728.00
2.28 2.29 2.30 2.31 2.32 2.33 3.01 3.02 3.03 3.04 3.05 3.06	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Kickoff Meeting (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout Develop Preliminary Cost Estimate (Traffic Items) QA/QC PRELIMINARY PLANS SUBTOTAL FINAL PLANS PROJECT MANAGEMENT Progress Meeting with City (2 meetings) General Project Coordination Contract administration and invoicing Submit Final Plans Comment Review Meeting (1 meeting) Address City Comments & Resubmit PS&E ROADWAY DESIGN Internal Progress Meetings (2 meetings) Internal Progress Meetings (2 meetings) Internal Progress Meetings (2 meetings)	1 1 1		1	2 2	73 2 16 6 2 1		89 89 2 2 1	52	1 1 2 5 1 4	0	0	0	0	14	10 32 14 2 2 2 2 3 6 6 2 7 7 364		\$1,456.00 \$5,784.00 \$2,600.00 \$487.00 \$487.00 \$507.00 \$1,615.00 \$47.00 \$1,792.00 \$1,452.00 \$4,346.00 \$2,728.00 \$599.00 \$2,476.00
2 28 229 230 230 231 232 232 233 3 3 3 3 3 3 3 3 3 3 3 3	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Kickoff Meeting (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout Develop Preliminary Cost Estimate (Traffic Items) QA/QC PRELIMINARY PLANS SUBTOTAL FINAL PLANS PROJECT MANAGEMENT PROJECT MANAGEMENT Progress Meeting with City (2 meetings) General Project Coordination Contract administration and invoicing Submit Final Plans Comment Review Meeting (1 meeting) Address City Comments & Resubmit PS&E ROADWAY DESIGN Internal Progress Meetings (2 meetings) Sile Visit (1) Internal Progress Meetings (2 meetings) Sile Visit (1) Finalize Vertical Alignment	1 1 1		1 21	2 2	73 73 2 16 6 2 1 4	92	89 89 1 1 4	52 4 2	1 1 2 5 1 4	0	0	0	0	14	10 32 14 2 2 2 2 3 6 2 7 364 2 7 17 3 3 3 4 4 9		\$1,456.00 \$5,784.00 \$2,600.00 \$487.00 \$487.00 \$507.00 \$769.00 \$1,615.00 \$1,792.00 \$487.00 \$1,452.00 \$4,346.00 \$2,728.00 \$570.00 \$2,728.00 \$2,746.00 \$2,778.00 \$1,014.00 \$1,014.00 \$1,014.00 \$1,014.00 \$1,575.00
2 28 2.29 2.30 2.31 2.31 2.32 2.32 2.33 3.01 3.02 3.05 3.06 3.07 3.08 3.09 3.10	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Kickoff Meeting (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout Develop Preliminary Cost Estimate (Traffic Items) QA/QC PRELIMINARY PLANS PROJECT MANAGEMENT Progress Meeting with City (2 meetings) General Project Coordination Contract administration and invoicing Submit Final Plans for City Review Final Plans Comment Review Meeting (1 meeting) Address City Comments & Resubmit PS&E ROADWAY DESIGN Internal Progress Meetings (2 meetings) Site Visit (1) Finalize Vertical Alignment	1 1		1 21	2 2	73 73 2 16 6 6 2 1 1 4	92	89 89 2 2 1 1 4	52 4 2	1 1 2 5 1 4	0	0	0	0	14	10 32 14 2 2 2 2 2 3 6 6 2 7 7 21 17 3 3 14		\$1,456.00 \$2,600.00 \$487.00 \$487.00 \$487.00 \$507.00 \$769.00 \$1,615.00 \$1,792.00 \$1,452.00 \$2,728.00 \$2,728.00 \$570.00 \$589.00 \$2,476.00 \$1,014.00 \$694.00 \$1,575.00
2 28 229 2.30 2.31 2.32 2.33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Kickoff Meeting (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout Develop Preliminary Cost Estimate (Traffic Items) OA/OC PRELIMINARY PLANS OA/OC PRELIMINARY PLANS SUBTOTAL FINAL PLANS PROJECT MANAGEMENT Progress Meeting with City (2 meetings) General Project Coordination Contract administration and invoicing Submit Final Plans for City Review Final Plans Comment Review Meeting (1 meeting) Address City Comments & Resubmit PS&E ROADWAY DESIGN Internal Progress Meetings (2 meetings) Site Visit (1) Finalize Vertical Alignment Finalize Proposed Backwater Analysis (2 Structures) Finalize Proposed Backwater Analysis (2 Structures)	1 1		21	2 2	73 73 73 73	92	8 6 89 2 2 1 1 4 4 2 6	52 4 2	1 1 2 5 1 4	0	0	0	0	14	10 32 14 2 2 2 3 6 2 7 7 364 7 21 17 3 3 14 6 4 9		\$1,456.00 \$2,600.00 \$487.00 \$487.00 \$487.00 \$507.00 \$769.00 \$1,615.00 \$1,792.00 \$1,452.00 \$4,346.00 \$2,728.00 \$2,728.00 \$2,476.00 \$1,014
2 28 2.29 2.30 2.31 2.31 2.32 2.33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	TRAFFIC DESIGN Internal Kickoff Meeting (1 meeting) Internal Kickoff Meeting (2 meetings) Site Visit (1) Preliminary Pavement Marking and Signing Preliminary Traffic Control Layout Develop Preliminary Cost Estimate (Traffic Items) QA/QC PRELIMINARY PLANS PROJECT MANAGEMENT Progress Meeting with City (2 meetings) General Project Coordination Contract administration and invoicing Submit Final Plans for City Review Final Plans Comment Review Meeting (1 meeting) Address City Comments & Resubmit PS&E ROADWAY DESIGN Internal Progress Meetings (2 meetings) Site Visit (1) Finalize Vertical Alignment	1 1		1 21	2 2	73 73 2 16 6 6 2 1 1 4	92	89 89 2 2 1 1 4	52 4 2	1 1 2 5 1 4	0	0	0	0	14	10 32 14 2 2 2 2 2 3 6 6 2 7 7 21 17 3 3 14		\$1,456.00 \$2,600.00 \$2,600.00 \$487.00 \$487.00 \$507.00 \$1,615.00 \$1,792.00 \$1,792.00 \$2,728.00 \$2,728.00 \$2,728.00 \$2,728.00 \$3,000.00 \$1,014.00 \$1,014.00 \$1,014.00 \$1,015.00 \$1,014.00 \$1,015.00 \$1,015.00 \$1,015.00 \$1,015.00

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	CLASSIFICATION HOURLY CHARGEOUT RATE	\$298	\$274	\$254	\$224	\$205	\$178	\$160	\$142	\$282	\$172	\$152	\$130	\$255	\$120			
3.15	Finalize Title Sheet	\$290	\$214	\$234	\$224	\$203	\$170	\$100	2	\$202	\$172	\$132	\$130	\$200	\$120	2		\$284.00
3.16	Finalize Typical Sections								2							2		\$284.00
3.17	General Notes Sheet					2			2							4		\$694.00
3.18	Quantity Sheets								4							4		\$568.00
3.19	Alignment Data and Survey Reference Sheet							4	6							10		\$1,492.00
3.20	Finalize Plan Sheets - (20 Scale - 10 sheets) Finalize Profile Sheets (20 Scale - 10 sheets)					2		2	6							12		\$1,902.00 \$888.00
3.21	Geometric Detail Sheets (20 Scale - 10 sheets)		_				-	4	4	1	-	_			-	8		\$888.00
3.23	Standard Construction Details							2	4							6		\$888.00
3.24	Erosion Control Plans (20 Scale - 10 Sheets)							4	8							12		\$1,776.00
3.25	Finalize Quantities & Cost Estimate (Road Items, includes Stationing for Improvements)					2		2	8							12		\$1,866.00
3.26	QA/QC			2		8		8	8							26		\$4,564.00
3.27	Utility Coordination Meeting #1					2		2								4		\$730.00
3.28 3.29	Final Utility Coordination - Conflict Analysis, Documentation, Bluebeam Session Utility Coordination Meeting #2		1			2		2		-	-	1				12 4		\$2,280.00 \$730.00
3.29	Relocation Design Coordination Meetings (assumes 3 meetings)					6		6				1				12		\$2,190.00
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	TRAFFIC DESIGN	l								1		1						
3.30	Internal Progress Meetings (2 meetings)				1				1							2		\$366.00
3.31	Final Pavement Marking & Signing Plan, Details & Quantities				1				3							4		\$650.00
3.32	Final Traffic Control Plans	ļ			2			1	5	1	1					7		\$1,158.00
3.33	QA/QC Prepare Final Estimate	.	2		1				4		-					7 2		\$1,340.00 \$366.00
3.34	Address City Comments				1				2							3		\$366.00
0.00	radicas dity comments				-			1			+	+						\$500.00
	ENVIRONMENTAL PERMITTING																	
3.36	NPDES/SWPPP			8			16									24		\$4,880.00
	FINAL PLANS SUBTOTAL	2 I	3	17	14	80	50	92	82 I	0	0	0	0	. 0	10	350	\$0.00	\$61,736.00
4	POST DESIGN	<u> </u>																
7 1 1	- GOT BEGION	1	1				1	1	Ì	1	1				1	1		
4.01	Prepare Contract Documents (Schedule of Values, Measurement & Payment, General Special Conditions)				1	3		8								12	\$400.00	\$2,519.00
							-											
4.02	Answer Bidding Questions				1	3	2									6		\$1,195.00
4.02 4.03	Bid Addendum (1 addendum)				1	1	2									2		\$429.00
4.02 4.03 4.04	Bid Addendum (1 addendum) Submit Engineer's Estimate to Bonfire					1 3	2	40								3		\$429.00 \$615.00
4.02 4.03 4.04 4.05	Bid Addendum (1 addendum) Submit Engineer's Estimate to Bonfire Contractor Public Meeting Preparation					1 3 6	2	12								2 3 18		\$429.00 \$615.00 \$3,150.00
4.02 4.03 4.04 4.05 4.06	Bid Addendum (1 addendum) Submit Engineer's Estimate to Bonfire Contractor Public Meeting Preparation Attend Final Plans Public Meeting					1 3 6 2		12								2 3 18 2		\$429.00 \$615.00 \$3,150.00 \$410.00
4.02 4.03 4.04 4.05	Bid Addendum (1 addendum) Submit Engineer's Estimate to Bonfire Contractor Public Meeting Preparation					1 3 6	2	12								2 3 18		\$429.00 \$615.00 \$3,150.00 \$410.00 \$1,176.00
4.02 4.03 4.04 4.05 4.06 4.07	Bid Addendum (1 addendum) Submit Engineer's Estimate to Bonfire Contractor Public Meeting Preparation Attend Final Plans Public Meeting Review Shop Drawings (Storm Sewer, Asphalt, Concrete, Streetlightling) Attend Pre-Construction Meeting Design Clarifications/Inquiries During Construction					1 3 6 2 4		12								2 3 18 2 6		\$1,195.00 \$429.00 \$615.00 \$3,150.00 \$410.00 \$1,176.00 \$410.00
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4.02 4.03 4.04 4.05 4.06 4.07 4.08 4.09	Bid Addendum (1 addendum) Submit Engineer's Estimate to Bonfire Contractor Public Meeting Preparation Attend Final Plans Public Meeting Review Shop Drawings (Storm Sewer, Asphalt, Concrete, Streetlightling) Attend Pre-Construction Meeting Design Clarifications/Inquiries During Construction	0	0	0		1 3 6 2 4 2 2	2	1	2	0	0	0	0	0	0	2 3 18 2 6 2 4	\$400.00	\$429.00 \$615.00 \$3,150.00 \$410.00 \$1,176.00 \$410.00 \$748.00
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4.02 4.03 4.04 4.05 4.06 4.07 4.08 4.09 4.10 1 1 2 3 3 4 5 6	Bid Addendum (1 addendum) Submit Engineer's Estimate to Bonfire Contractor Public Meeting Preparation Attend Final Plans Public Meeting Review Shop Drawings (Storm Sewer, Asphalt, Concrete, Streetlighting) Attend Pre-Construction Meeting Design Clarifications/Inquiries During Construction Prepare Record Drawings ACCESS ROAD - POST DESIGN SUBTOTAL ACCESS ROAD - POST DESIGN SUBTOTAL Excluded Services: Subsurface utility exploration or potholing Geotechnical investigation Structural design of walls and/or drainage structures Photometric analysis and corridor lighting modifications (other than plan sheet callouts for relocation) 3D Modeling of Utilities Irrigation Design Sidewalk And/or Sidewalk Ramp Improvements				3	1 3 6 2 4 2 2 2 2	2 1 5	1 3	2		0 38		28	34		2 3 18 2 6 2 4 7		\$429.00 \$615.00 \$3,150.00 \$410.00 \$1,176.00 \$410.00 \$748.00 \$1,174.00 \$11,826.0
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