

9/22/2025

Chuck Warbington, P.E.  
City Manager, City of Lawrenceville  
70 South Clayton Street  
Lawrenceville, GA 30046

Re: Letter Agreement for Professional Services for  
Springlake Road at Paper Mill Road Roundabout Design

Dear Chuck:

Kimley-Horn and Associates, Inc. (“Kimley-Horn” or “Consultant”) is pleased to submit this Letter Agreement (the “Agreement”) to the City of Lawrenceville (“Client”) for providing professional engineering services for a Roundabout at the intersection of Springlake Road at Paper Mill Road.

## **Project Understanding**

The intersection of Springlake Road @ Paper Mill Road was identified by the City as an intersection to be studied for conversion to a roundabout. Kimley-Horn performed a feasibility study, dated February 3, 2025, and developed two (2) roundabout concept geometries for the subject intersection. The concept geometries are single lane roundabouts with the option to be expandable to hybrid multilane roundabouts. The City has requested Kimley-Horn provide engineering design phase services for the City’s preferred roundabout concept geometry produced from the feasibility study.

The Consultant’s scope of services, fee, and schedule are as follows:

## **Scope of Services**

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

## **SPRINGLAKE ROAD AT PAPER MILL ROAD**

### ***Task 1 – Data Collection, SUE QL-B, SUE QL-A and Topographic Survey***

Kimley-Horn is partnering with Rochester & Associates | DCCM, who will provide topographic survey for the project area at the intersection of Springlake Road at Papermill Road and prepare the corresponding database in MicroStation ORD format. The survey database will be approximately 925-feet along Paper Mill Road at a width of approximately 200-feet and will extend approximately 650-feet down Springlake Road. The survey will be prepared by a duly registered land surveyor and complete a field review of the survey database while performing a quality control review of the deliverables for general compliance in accordance with the most current Minimum Technical Standards of Georgia Survey Law.

Survey data will consist of edge of pavement, roadway crown, curb and gutter, front and back of existing sidewalk and hardscape areas, building corners, trees with type and caliper size, driveway limits, retaining walls, existing street and business signage limits to scale, visible above ground utilities, and existing top and invert information for storm drain and sanitary sewer structures, pipe size and material as evident from structure connections and traced to outfalls.

Subsurface Utility Exploration Quality Level-B services to locate and mark traceable subsurface utilities within the survey database limits will be included. Also, up to three (3) SUE Quality Level-A test holes will be included.

Rochester and Associates will also provide exhibits for required ROW and easement and legal descriptions for each parcel requiring ROW and easements.

### ***Task 1A – Concept Validation***

Based on the information provided by the City for the proposed developments adjacent to the intersection, Kimley-Horn will revise the operational analysis performed in the feasibility study to determine if the changes in traffic volume or driveway locations warrant any changes to the concept layouts. Kimley-Horn will implement these changes and submit a revised analysis (if needed) to the city prior to the concept validation meeting.

Up to two Kimley-Horn staff members will meet with the City to review the two proposed concept alternatives developed from the feasibility study. The meeting will be used to decide which alternative to proceed to final design.

Once final geometry is determined by the City, Kimley-Horn will prepare a preliminary light pole layout for the subject intersection. Kimley-Horn will coordinate with the City to determine preferred light pole fixtures and wattage to proceed with producing a photometric design layout. The design will ensure proper illuminance is provided for pedestrians and vehicles traveling through the roundabout intersection. Lighting design and construction documentation to be completed in Task 2.

Upon receipt of the topographic survey files, Kimley-Horn will review and format the data to comply with the required specifications to comply with the design software.

Once final decisions and geometry are completed, Kimley-Horn will determine an updated engineer's opinion of probable construction cost. Representatives from Kimley-Horn will attend one (1) meeting, to review the final changes made with the City for final concurrence, before proceeding to Task 2.

### ***Task 2 - Construction Plans, OPCC, and Specifications***

This task consists of development of roadway construction plan documents for the proposed roadway improvements. Kimley-Horn will advance design and plan preparation of the roadway improvements in accordance with the GDOT Plans Preparation Guide. The construction drawings will be prepared at a scale of 1" = 20'.

The roadway construction drawings will consist of the following:

- Cover
- Index
- General Notes
- Typical Sections
- Summary of Quantities
- Construction Layout Plan

- Mainline Construction Plans
- Roadway Profiles
- Driveway Profiles (if required)
- Special Grading Plans
- Staging Plan Schematic – Options to be presented:
  - Option 1: maintain traffic onsite.
  - Option 2: utilize offsite detour.
- Drainage Area Map (if required)
- Drainage Profiles (if required)
- Cross sections (at 50' intervals)
- Utility Plans
  - Kimley-Horn will submit one (1) utility submittal to utility providers to verify their facilities and identify any needed relocations. Relocations will be designed by utility providers and incorporated into the plans as a courtesy. Any relocation agreements and permits will be the responsibility of the utility owner and the City.
- Lighting Plans & Details
  - Kimley-Horn will submit photometric plan with lighting layout, wire schedule, and details.
- Signing and Marking Plans
- Landscaping Plans (if required)
- Wall Envelopes (if required)
  - It is assumed that any walls will be standard GDOT walls. No special design walls are anticipated.
- Erosion Control BMP Location Plans
  - It is understood the improvement will have land disturbance (more than one (1) acre) and NPDES plans will be required.
  - Kimley-Horn will assist the City with preparation of the Notice of Intent (NOI)
- Preliminary Right of Way Plans – Including data tables (if required)

Kimley-Horn will develop an opinion of probable construction cost (OPCC) using GDOT pay item format and will develop a Construction Plan set for review by the City. We will address two (2) rounds of comments (90% and 100%). Georgia Department of Transportation (GDOT) and Gwinnett County construction details and standard specifications will be referenced, where applicable. Consultant will prepare special provisions or supplemental specifications for items that are not covered by the standard GDOT, current edition, or Gwinnett County specifications. All submittals are anticipated to be provided in electronic format (PDF or DGN, as appropriate). No hardcopy submittals are anticipated in this Scope of Services.

Anticipated permit approvals in this phase consist of a City of Lawrenceville Land Disturbance Permit (LDP). Additional permits, beyond those specifically described herein, will be considered Additional Services. The Consultant is not responsible for fees associated with any permits.

### **Task 3 – Bidding Support**

Kimley-Horn will provide construction quantities for the City's bid documents. Kimley-Horn will attend one (1) Pre-Bid Meeting and assist the City in preparing responses to bidder's questions during the bidding period. Kimley-Horn will also support up to two (2) addenda during bidding. The City will prepare the contract documents based on the City's standard templates and will reference the construction plans, Georgia Department of Transportation's (GDOT) 2021 Standard Specifications, or then current version, and related GDOT Special Provisions, collectively the "Contract Documents".

### **Task 4 – Construction Support**

Kimley-Horn will respond to three (3) reasonable and appropriate Contractor RFIs made in accordance with the Contract Documents and issue necessary clarifications and interpretations for design related elements. Kimley-Horn will evaluate and determine the acceptability of substitute or "or-equal/equivalent" materials and equipment proposed by the Contractor in accordance with the Contract Documents. Any orders authorizing variations from the Contract Documents will be made only by the City.

Kimley-Horn will attend one (1) on-site Pre-Construction Meeting conducted by the City before the start of construction. Kimley-Horn will attend up to nine (9) construction coordination meetings via Microsoft Teams. The Consultant's roadway design staff will be available during coordination meetings to answer design related questions that may arise during construction. Consultant will perform initial 7-day inspection of BMP's installed by contractor according to the approved LDP and erosion, sedimentation, and pollution control plan. This inspection is assumed to occur once, not over the course of multiple phases.

Kimley-Horn will review Shop Drawings, which the Contractor is required to submit, for general conformance with construction plans, current GDOT Standard Specifications, and maintaining agency preferences. Such review and any action taken in response will not extend to means, methods, techniques, equipment choice and usage, schedules, or procedures of construction or to related safety programs. Any action in response to a Shop Drawing will not constitute a change in the Contract Documents. Kimley-Horn will add the following stamp to reviewed shop drawings with the applicable action or position indicated and return to the City:

<input type="checkbox"/> No Exceptions Taken	<input type="checkbox"/> Revise and Resubmit
<input type="checkbox"/> Exceptions Noted	<input type="checkbox"/> Rejected
<input type="checkbox"/> For Information Only	
<p><b>Our limited review is only for conformance with the design concept of the project and general compliance with the information given in the Plans and Specifications. Contractor is responsible for: dimensions to be confirmed and correlated at the job site, information that pertains to the fabrication processes or to techniques of construction, quantities, safety, coordination with other work, and for conformance to the requirements of the plans and specifications. Review does not authorize changes to the contract unless stated specifically in a separate letter or change order.</b></p>	
<p><b>KIMLEY-HORN AND ASSOCIATES, INC.</b></p>	
<p>Date _____ By _____</p>	

After construction is completed, Kimley-Horn will partner with Rochester DCCM to provide as-built drawings. Rochester will prepare a survey of new/updated improvements of the corridor including streets, sanitary sewer, storm sewer and above ground utilities. As-built drawings will be completed to the "Minimum Technical Standard requirements for the State of Georgia".

Kimley-Horn shall have no responsibility for any contractor's means, methods, techniques, equipment choice and usage, equipment maintenance and inspection, sequence, schedule, safety programs, or safety practices, nor shall Kimley-Horn have any authority or responsibility to stop or direct the work of any contractor. Kimley-Horn's reviews or visits will be for the purpose of observing construction and reporting to the Client whether the contractors' work generally conforms to the construction documents prepared by the City. Kimley-Horn neither guarantees the performance of contractors, nor assumes responsibility for any contractor's failure to perform its work in accordance with the contract documents.

### **Additional Services**

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

- Geotechnical services
- ESA Hazmat/UST studies
- Signal design
- US Army Corps of Engineers 404 Permitting
- Signal Permitting with GDOT
- Structural design
- MS4 Analysis and BMP Design
- Preparation of environmental special studies and/or NEPA/GEPA documentation
- Determination of size, depth, and pressure of water, force main, or gas mains
- Determination of size & depth for electric, phone & cable lines
- Proposed centerline staking
- Additional parcel boundary surveys
- Utility relocation design services
- CLOMR/LOMR services
- Construction Phase services including but not limited to general observation, material certification, RFI responses during construction, monthly progress meetings, and review of pay applications
- Value Engineering Services
- Public Information Open House

**Information Provided By Client**

We shall be entitled to rely on the completeness and accuracy of all information provided by the Client or the Client’s consultants or representatives. The Client shall provide all information requested by Kimley-Horn during the project, including but not limited to the following:

- Access to available City of Lawrenceville and Gwinnett County GIS
- Bid document preparation services
- Survey files and records of property already acquired by the City
- Traffic Impact Analysis for adjacent proposed developments

**Schedule**

Consultant will provide services based on the following schedule assumptions, assuming orderly progress of tasks from NTP through completion of services:

- |                                       |                                 |
|---------------------------------------|---------------------------------|
| (1) NTP                               | Approximately October 01, 2025  |
| (2) Data Collection                   | Approximately December 03, 2025 |
| (3) Construction Plans, OPCC, & Specs | Approximately May 6, 2026       |

Schedule assumptions above will require extension if the assumed NTP or maximum review duration is extended.

**Fee and Expenses**

Kimley-Horn will perform the services in Tasks 1-4 on a label fee plus expenses basis with the maximum labor fee shown below.

Task Number & Name		Fee	Type
1*	Data Collection, SUE QL-B, SUE QL-A, and Topographic Survey	\$32,129.00	Hourly, Not-to-Exceed
1A	Concept Validation	\$18,266.00	Hourly, Not-to-Exceed
2	Construction Plans, OPCC, and Specifications	\$149,700.00	Hourly, Not-to-Exceed
3	Bidding Support	\$7,236.00	Hourly, Not-to-Exceed
4**	Construction Support	\$25,242.00	Hourly, Not-to-Exceed
Total		\$232,573.00	
*sub consultant fee **Include \$8,500 sub consultant fee for as-built drawings			

Kimley-Horn will not exceed the total maximum labor fee shown without authorization from the Client. However, Kimley-Horn reserves the right to reallocate amounts among tasks as necessary.

Labor fee will be billed based on current master contract hourly rates established in our 2025 renewal. Administrative time related to the project may be billed hourly. All permitting, application, and similar project fees will be paid directly by the Client. Should the Client request Kimley-Horn to advance any such project fees on the Client's behalf, an invoice for such fees, with a fifteen percent (15%) markup, will be immediately issued to and paid by the Client.

Payment will be due within 25 days of your receipt of the invoice and should include the invoice number and Kimley-Horn project number.

## Closure

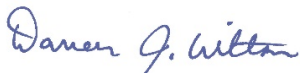
Kimley-Horn, in an effort to expedite invoices and reduce paper waste, submits invoices via email in a PDF. We can also provide a paper copy via regular mail if requested. Please include the invoice number and Kimley-Horn project number with all payments.

To proceed with the services, please have an authorized person sign this Agreement below and return to us. We will commence services only after we have received a fully-executed agreement. Fees and times stated in this Agreement are valid for sixty (60) days after the date of this letter.

We appreciate the opportunity to provide these services. Please contact me if you have any questions.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.



Darren Wilton, P.E.  
Project Manager

## Attachments:

1. Fee Schedule

CITY OF LAWRENCEVILLE

SIGNED: \_\_\_\_\_

PRINTED NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

**MANHOUR ESTIMATE SHEET**

**Project: Springlake at Papermill RAB Design**

No.	Task Description	Principal-in-Charge	Project Manager	Engineer, Senior	Engineer	Engineer, Associate	Technician	CADD Technician	Admin Support	Survey Crew (3 man)	SUE Crew (2 man)	TOTAL
<b>Task 1 - Data Collection, SUE QL-B, SUE QL-A, and Topographic Survey</b>												
								40		150	28	218
	<i>TOTAL Task 1</i>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>150</b>	<b>28</b>	<b>218</b>
<b>Task 1A - Concept Validation</b>												
1	Revise operational analysis for adjacent proposed developments		2	5	15	25						47
2	Meeting with City (x2 pre and post)		4		4							8
3	Finalize Geometry			2	10	15						27
4	Site Visit		3		3	3						9
5	Preliminary Light Pole Layout				5	5						10
6	Updated Opinion of Probable Construction Cost			1	2	5						8
	<i>TOTAL Task 1A</i>		<b>9</b>	<b>8</b>	<b>39</b>	<b>53</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>109</b>
<b>Task 2 - Construction Plans, OPCC, and Specifications</b>												
1	Project Management and Coordination		5	3	5				5			18
	<b>Plan Preparation</b>											0
2	Cover Sheet				1	2						3
3	Index				1	2						3
4	General Notes				1	2						3
5	Typical Sections				5	15						20
6	Construction Quantities				2	10						12
7	Construction Layout Plans			2	10	25						37
8	Mainline Plan Sheets			2	10	30						42
9	Mainline Profile Sheets			2	15	25						42
10	Driveway Profiles (1 driveway)				1	2						3
11	Special Grading Plans (Roundabout)				10	25						35
12	Staging Plan Schematic			5	10	30						45
13	Drainage Area Map (if required)				5	10						15
14	Storm Drainage Profiles				5	20						25
15	Mainline Earthwork Cross Sections (25' Intervals) (includes modeling)			15	40	65						120
16	Utility Plans				5	15						20
17	Lighting Plans and Details		5	20	5	30						60
18	Signing and Marking			5	15	25						45
19	Landscaping Plans (if required)			15		20						35
20	Wall Envelopes (if required)				5	20						25
21	Erosion Control Plans (NPDES Plans per GAR1000002 w/ notes, maps, and BMP sheets)			10	30	50						90
22	EPD Review		10		10	25						45
23	Preliminary Right of Way Plans				10	25						35
24	Special Provisions and Specifications (Non Structural)		15		5	10						30

**MANHOUR ESTIMATE SHEET**

**Project: Springlake at Papermill RAB Design**

No.	Task Description	Principal-in-Charge	Project Manager	Engineer, Senior	Engineer	Engineer, Associate	Technician	CADD Technician	Admin Support	Survey Crew (3 man)	SUE Crew (2 man)	TOTAL
25	QC Plans (90% Submittal)		5	15								20
26	90% Submittal Response to Comments				15	30						45
27	QC Plans (100% Submittal)		5	15								20
28	100% Submittal (Sign and Seal)				5							5
29	Opinion of Probable Construction Cost			1	2	5						8
30	Respond to City review of deliverables		5									5
	<b>TOTAL Task 2</b>	<b>0</b>	<b>50</b>	<b>110</b>	<b>228</b>	<b>518</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>911</b>
												0
	<b>Task 3 Bidding Support</b>											0
1	Project Management and Coordination		1	1	1							3
2	Attend one (1) Pre-Bid Meeting		2	2	2							6
3	Respond to questions, assist City		2	4	4				2			12
4	Assist with addendum preparation (up to 2)		4	4	8							16
												0
	<b>TOTAL Task 3</b>	<b>0</b>	<b>9</b>	<b>11</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>37</b>
												0
	<b>Task 4 Construction Administration</b>											0
1	Project Management and Coordination (up to 9 monthly team meetings during construction)		9	9	9							26
2	Perform 7-day Erosion Control Site Visit and Report		8		8							16
3	Attend one (1) Pre-Construction Meeting		4		4							8
4	Respond to Bidder RFIs (up to 3)		3	3	6	6			8			26
5	Shop Drawings		2	2	4	6						14
6	As-Built Drawings							25		40		65
	<b>TOTAL Task 4</b>	<b>0</b>	<b>26</b>	<b>14</b>	<b>31</b>	<b>12</b>	<b>0</b>	<b>25</b>	<b>8</b>	<b>40</b>	<b>0</b>	<b>156</b>
												0
	<b>TOTAL MANHOURS</b>	<b>0.0</b>	<b>94.0</b>	<b>143.0</b>	<b>313.0</b>	<b>583.0</b>	<b>0.0</b>	<b>65.0</b>	<b>15.0</b>	<b>190.0</b>	<b>28.0</b>	<b>1431.0</b>

**Cost Estimate Worksheet**

**Project: Springlake at Papermill RAB Design**

**All Phases - Total Project**

1. Direct Labor			
Classification	Est. Hours	Rate/Hour	Est. Cost (\$)
Principal-in-Charge	0	\$ 216.49	\$0.00
Project Manager	94	\$ 211.07	\$19,840.98
Engineer, Senior	143	\$ 216.49	\$30,957.56
Engineer	313	\$ 184.01	\$57,596.22
Engineer, Associate	583	\$ 140.72	\$82,037.53
Technician	0	\$ 108.24	\$0.00
CADD Technician	65	\$ 108.24	\$7,035.81
Admin Support	15	\$ 97.42	\$1,461.28
Landscape Arch, Senior	0	\$ 216.49	\$0.00
Landscape Arch	0	\$ 184.01	\$0.00
Surveyor, Prinicpal	0	\$ 135.30	\$0.00
Surveyor, Senior	0	\$ 119.07	\$0.00
Surveyor, Project	0	\$ 97.42	\$0.00
Survey Crew (3 man)	190	\$ 146.13	\$27,764.38
SUE Crew (2 man)	28	\$ 209.99	\$5,879.77
Vacuum Excav Crew	0	\$ 260.87	\$0.00
Planner, Principal	0	\$ 259.78	\$0.00
Planner, Senior	0	\$ 216.49	\$0.00
Planner	0	\$ 184.01	\$0.00
<b>Total Direct Labor</b>	<b>1431</b>		<b>\$232,573.54</b>

**Task 1 - Data Collection, SUE QL-B, SUE QL-A, and Topographic Survey**

1. Direct Labor			
Classification	Est. Hours	Rate/Hour	Est. Cost (\$)
Technician	40	\$108.24	\$4,329.73
Survey Crew (3 man)	150	\$ 146.13	\$21,919.25
SUE Crew (2 man)	28	\$ 209.99	\$5,879.77
<b>Total Direct Labor</b>	<b>218</b>		<b>\$32,128.75</b>

**Task 1A - Concept Validation**

1. Direct Labor			
Classification	Est. Hours	Rate/Hour	Est. Cost (\$)
Principal-in-Charge	0	\$216.49	\$0.00
Project Manager	9	\$211.07	\$1,899.67
Engineer, Senior	8	\$216.49	\$1,731.89
Engineer	39	\$184.01	\$7,176.53
Engineer, Associate	53	\$140.72	\$7,457.96
Technician	0	\$108.24	\$0.00
CADD Technician	0	\$108.24	\$0.00
Admin Support	0	\$97.42	\$0.00
Landscape Arch, Senior	0	\$216.49	\$0.00
Landscape Arch	0	\$184.01	\$0.00
Surveyor, Prinicpal	0	\$135.30	\$0.00
Surveyor, Senior	0	\$119.07	\$0.00
Surveyor, Project	0	\$97.42	\$0.00
Survey Crew (3 man)	0	\$146.13	\$0.00
Aerial Survey	0	\$0.00	\$0.00
Mobile Scanner	0	\$0.00	\$0.00
SUE Crew (2 man)	0	\$209.99	\$0.00
Vacuum Excav Crew	0	\$260.87	\$0.00
Planner, Principal	0	\$259.78	\$0.00
Planner, Senior	0	\$216.49	\$0.00
Planner	0	\$184.01	\$0.00
<b>Total Direct Labor</b>	<b>109</b>		<b>\$18,266.04</b>

**Task 2 - Construction Plans, OPCC, and Specifications**

1. Direct Labor			
Classification	Est. Hours	Rate/Hour	Est. Cost (\$)
Principal-in-Charge	0	\$216.49	\$0.00
Project Manager	50	\$211.07	\$10,553.71
Engineer, Senior	110	\$216.49	\$23,813.51
Engineer	228	\$184.01	\$41,955.07
Engineer, Associate	518	\$140.72	\$72,890.98
Technician	0	\$108.24	\$0.00
CADD Technician	0	\$108.24	\$0.00
Admin Support	5	\$97.42	\$487.09
Landscape Arch, Senior	0	\$216.49	\$0.00
Landscape Arch	0	\$184.01	\$0.00
Surveyor, Prinicpal	0	\$135.30	\$0.00
Surveyor, Senior	0	\$119.07	\$0.00
Surveyor, Project	0	\$97.42	\$0.00
Survey Crew (3 man)	0	\$146.13	\$0.00
SUE Crew (2 man)	0	\$209.99	\$0.00
Vacuum Excav Crew	0	\$260.87	\$0.00
Planner, Principal	0	\$259.78	\$0.00
Planner, Senior	0	\$216.49	\$0.00
Planner	0	\$184.01	\$0.00
<b>Total Direct Labor</b>	<b>911</b>		<b>\$149,700.37</b>

**Task 3 Bidding Support**

1. Direct Labor			
Classification	Est. Hours	Rate/Hour	Est. Cost (\$)
Principal-in-Charge	0	\$216.49	\$0.00
Project Manager	9	\$211.07	\$1,899.67
Engineer, Senior	11	\$216.49	\$2,381.35
Engineer	15	\$184.01	\$2,760.20
Engineer, Associate	0	\$140.72	\$0.00
Technician	0	\$108.24	\$0.00
CADD Technician	0	\$108.24	\$0.00
Admin Support	2	\$97.42	\$194.84
Landscape Arch, Senior	0	\$216.49	\$0.00
Landscape Arch	0	\$184.01	\$0.00
Surveyor, Principal	0	\$135.30	\$0.00
Surveyor, Senior	0	\$119.07	\$0.00
Surveyor, Project	0	\$97.42	\$0.00
Survey Crew (3 man)	0	\$146.13	\$0.00
SUE Crew (2 man)	0	\$209.99	\$0.00
Vacuum Excav Crew	0	\$260.87	\$0.00
Planner, Principal	0	\$259.78	\$0.00
Planner, Senior	0	\$216.49	\$0.00
Planner	0	\$184.01	\$0.00
<b>Total Direct Labor</b>	<b>37</b>		<b>\$7,236.06</b>

**Task 4 Construction Administration**

1. Direct Labor			
Classification	Est. Hours	Rate/Hour	Est. Cost (\$)
Principal-in-Charge	0	\$216.49	\$0.00
Project Manager	26	\$211.07	\$5,487.93
Engineer, Senior	14	\$216.49	\$3,030.81
Engineer	31	\$184.01	\$5,704.42
Engineer, Associate	12	\$140.72	\$1,688.59
Technician	0	\$108.24	\$0.00
CADD Technician	25	\$108.24	\$2,706.08
Admin Support	8	\$97.42	\$779.35
Landscape Arch, Senior	0	\$216.49	\$0.00
Landscape Arch	0	\$184.01	\$0.00
Surveyor, Principal	0	\$135.30	\$0.00
Surveyor, Senior	0	\$119.07	\$0.00
Surveyor, Project	0	\$97.42	\$0.00
Survey Crew (3 man)	40	\$146.13	\$5,845.13
SUE Crew (2 man)	0	\$209.99	\$0.00
Vacuum Excav Crew	0	\$260.87	\$0.00
Planner, Principal	0	\$259.78	\$0.00
Planner, Senior	0	\$216.49	\$0.00
Planner	0	\$184.01	\$0.00
<b>Total Direct Labor</b>	<b>156</b>		<b>\$25,242.32</b>