



# CITY OF SOUTH BEND

## BOARD OF PUBLIC WORKS

May 26, 2026

Mr. Shelby Swango  
Hanson Professional Services, Inc.  
6510 Telecom Dr., suite 210  
Indianapolis, IN 46278  
[sswango@hanson-inc.com](mailto:sswango@hanson-inc.com)

RE: Amendment No. 1 to Professional Services Agreement

Dear Ms. Swango:

At its May 26, 2026 meeting, the Board of Public Works approved the above referenced amendment for the design of the Tri-Day Site development to thirty (30) percent, Project No. 126-010 in the amount Not to Exceed \$98,300 (Hourly).

Please find enclosed the agreement. Kindly sign and return it to [hhorvath@southbendin.gov](mailto:hhorvath@southbendin.gov) and retain a copy for your records.

Sincerely,

/s/ Hillary Horvath

Hillary Horvath, Clerk

This is **EXHIBIT K**, consisting of 2 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated May 11, 2026.

**AMENDMENT TO OWNER-ENGINEER AGREEMENT**  
**Amendment No. 1**

1. *Background Data:*

- a. Effective Date of Owner-Engineer Agreement: February 6<sup>th</sup>, 2026
- b. Owner: City of South Bend, Indiana, by and through its Board of Public Works
- c. Engineer: Hanson Professional Services Inc.
- d. Project: Tri-Day Site Development

2. *Description of Modifications:*

- a. Engineer shall perform or furnish the following Additional Services:

Advance the design of the Tri-Day Site Development to 30%

**0.0 Project Management:** Coordinate the Project, Provide Status reports and Participate in the design conference.

**6.1 Topographical Survey:** Perform Topographical Survey of the area from the Tri-Day Development to Foundation Drive. This Topographical Survey will be completed in the same mobilization as the supplemental survey task from the 10% design. Please refer to the attached Survey limits.

**7.1 Geotechnical Investigation:** Perform a geotechnical investigation see attachment for details.

**8.1 Design Roadway and Civil:** Complete 3 value engineering exercises, meet with the developer, attend virtual design workshop, update plans to reflect these changes.

**10.1 Traffic Design:** There is no additional Traffic Design scope needed for the 30% update.

**17.5 Detention Hydraulic Design:** Coordinate with the designers and perform 1 Hydraulic Model update when infiltration test data is available.

- b. For the Additional Services or the modifications to services set forth above, Owner shall pay Engineer the following additional or modified compensation: \$98,300.00
- c. The schedule for rendering services is modified as follows: Work to be completed by or before July 31, 2026

d. Attachments

- 1) Cost Hourly Breakdown is attached
- 2) Proposed Survey Limits
- 3) Geotechnical Scope Proposal

5. Agreement Summary (Reference only)

a. Original Agreement amount:	\$ <u>87,400</u>
b. Net change for prior amendments:	\$ <u>0</u>
c. This amendment amount:	\$ <u>98,300</u>
d. Adjusted Agreement amount:	\$ <u>185,700</u>

The foregoing Agreement Summary is for reference only and does not alter the terms of the Agreement, including those set forth in Exhibit C.

Owner and Engineer hereby agree to modify the above-referenced Agreement as set forth in this Amendment. All provisions of the Agreement not modified by this or previous Amendments remain in effect. The Effective Date of this Amendment is May 26, 2026.

OWNER:

ENGINEER:

CITY OF SOUTH BEND, INDIANA  
BOARD OF PUBLIC WORKS

Elizabeth A. Maradik, President

Murray L. Miller, Member

Abigail E. Magas, Member

Joseph R. Molnar, Vice President

Breana N. Micou, Member

Attest: Hillary R. Horvath, Clerk

Date: May 26, 2026

\_\_\_\_\_

By: Shelby A. Swango

Title: Senior Vice President

Date Signed: \_\_\_\_\_

**PROJECT#**  
**CLIENT:**  
**Hanson Project #**

**TRI-DAY Development**  
**City of South Bend**  
**26L0011.00**

# FEE SUMMARY AMENDMENT 1

**Des#**                      **N/A**

TASK	DESCRIPTION:	UNIT	Contract Amount	Amend. 1	TOTAL FOR THE TASKS
0.0	Project Management	LSUM	\$ 8,300	\$ 8,900	\$ 17,200
6.1	Topographical Survey	LSUM	\$ 9,200	\$ 9,800	\$ 19,000
7.1	Geotechnical Investigation	Sub Cost	\$ -	\$ 17,600	\$ 17,600
8.1	Design Roadway and Civil	LSUM	\$ 31,000	\$ 57,100	\$ 88,100
10.1	Traffic Design	LSUM	\$ 20,400	\$ -	\$ 20,400
17.5	Detention Hydraulic Design	LSUM	\$ 18,500	\$ 4,900	\$ 23,400

<b>Total Fee =</b>	<b>\$ 87,400</b>	<b>\$ 98,300</b>	<b>\$ 185,700</b>
--------------------	------------------	------------------	-------------------

# Project Management

PROJECT: *TRI-DAY Development*  
 CLIENT: *City of South Bend*

DES. NO.: *N/A*

DESCRIPTION	STAFF HOURS BY CLASSIFICATION										HOURS / TASK	TOTAL DOLLARS / TASK									
	Engineer VIII	Engineer VII	Engineer VI	Engineer V	Engineer IV	Engineer III	Engineer II	Engineer I	Tech VI	Admin V											
<b>0.0 Project Management</b>																					
Project Setup											5	5	\$563.36								
Correspondence with Client			10									10	\$2,024.96								
Project Management			12									12	\$2,429.95								
Client Progress meetings and Reports		Sub Cost	16								3	19	\$3,577.95								
Project Close out												0	\$0.00								
												0	\$0.00								
<b>SUBTOTAL:</b>											<b>46</b>	<b>\$8,596.22</b>									
<b>TOTAL - HOURS:</b>											<b>46</b>										
Loaded Hourly Rate											\$ 236.21	\$ 231.31	\$ 202.50	\$ 167.40	\$ 144.40	\$ 120.58	\$ 112.58	\$ 106.38	\$ 145.67	\$ 112.67	
<b>COSTS PER CLASSIFICATION</b>											\$0.00	\$0.00	\$7,694.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$901.37	\$8,596.22
<b>TOTAL HOURLY COSTS:</b>																					<b>\$8,596.22</b>
<b>DIRECT EXPENSES</b>																					
Mileage	2	Trips x		300	Mi./Trip x	\$0.49						\$294.00									
Prints		Sets x		200	Sheets	\$0.10						\$0.00									
<b>DIRECT EXPENSE SUBTOTAL:</b>												<b>\$294.00</b>									
<b>TOTAL BEFORE ROUNDING:</b>												<b>\$8,890.22</b>									
<b>TOTAL:</b>												<b>\$8,900.00</b>									

# Topographical Survey

PROJECT: *TRI-DAY Development* DES. NO.: *N/A*  
 CLIENT: *City of South Bend*

DESCRIPTION	STAFF HOURS BY CLASSIFICATION										HOURS / TASK	TOTAL DOLLARS / TASK	
	Engineer VIII	Engineer VII	Engineer VI	Engineer V	Engineer IV	Engineer III	Engineer II	Tech VII	Tech VI	Admin V			
<b>Topo Survey</b>													
Survey Sewer Area fieldwork task Management and data processing		8						24	12			44	\$7,494.95
		Sub Cost										0	
<b>SUBTOTAL:</b>												44	\$7,494.95
<b>TOTAL - HOURS:</b>	0	8	0	0	0	0	0	24	12	0		44	
Loaded Hourly Rate	\$ 236.21	\$ 231.31	\$ 202.50	\$ 167.40	\$ 144.40	\$ 120.58	\$ 112.58	\$ 162.35	\$ 145.67	\$ 112.67			
<b>COSTS PER CLASSIFICATION</b>	\$0.00	\$1,850.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,896.42	\$1,748.08	\$0.00			\$7,494.95
<b>TOTAL HOURLY COSTS:</b>													\$7,494.95
<b>DIRECT EXPENSES</b>													
Mileage	1	Trips x		300	Mi./Trip x	\$0.49							\$147.00
Per Diem	2	Persons x		1	Days x	\$100.00							\$200.00
Lodging	2	Persons x		\$1.00	/ Night	\$133.00							\$266.00
Equipment (GPS and Scanner)	2	Days x		800	/ Day								\$1,600.00
Last Deed of Record Copies		Copy		1	Sheets	\$1.00							\$0.00
LiDAR Scanner MX60		Days x		\$3,500.00	/ Day								\$0.00
<b>DIRECT EXPENSE SUBTOTAL:</b>													\$2,213.00
<b>TOTAL BEFORE ROUNDING:</b>													\$9,707.95
<b>TOTAL:</b>													\$9,800.00

# Geotechnical Investigation

PROJECT: *TRI-DAY Development*  
 CLIENT: *City of South Bend*

DES. NO.: *N/A*

DESCRIPTION	STAFF HOURS BY CLASSIFICATION											TOTAL DOLLARS / TASK	
													HOURS / TASK
<b>Topo Survey</b>													
Geotechnical Exploration													\$7,500.00
Isolated Clearing to access boring locations													\$5,000.00
Infiltration Testing													\$2,000.00
Private Utility Locate			Sub Cost										\$1,500.00
Contingency													\$1,600.00
<b>SUBTOTAL:</b>												<b>0</b>	<b>\$17,600.00</b>
<b>TOTAL - HOURS:</b>												<b>0</b>	
Loaded Hourly Rate													
<b>COSTS PER CLASSIFICATION</b>												<b>\$0.00</b>	<b>\$0.00</b>
<b>TOTAL HOURLY COSTS:</b>													<b>\$17,600.00</b>
<b>DIRECT EXPENSES</b>													
Mileage			Trips x		Mi./Trip x	<b>\$0.49</b>							\$0.00
Per Diem			Persons x	<b>1</b>	Days x	<b>\$100.00</b>							\$0.00
Lodging			Persons x	<b>\$1.00</b>	/ Night	<b>\$133.00</b>							\$0.00
Equipment (GPS and Scanner)			Days x	<b>800</b>	/ Day								\$0.00
Last Deed of Record Copies			Copy	<b>1</b>	Sheets	<b>\$1.00</b>							\$0.00
LiDAR Scanner MX60			Days x	<b>\$3,500.00</b>	/ Day								\$0.00
<b>DIRECT EXPENSE SUBTOTAL:</b>													<b>\$0.00</b>
<b>TOTAL BEFORE ROUNDING:</b>													<b>\$17,600.00</b>
<b>TOTAL:</b>													<b>\$17,600.00</b>

# Design Roadway and Civil

PROJECT NO. TRI-DAY Development DES. NO.: N/A  
 CLIENT: City of South Bend

DESCRIPTION	STAFF HOURS BY CLASSIFICATION										TOTAL HOURS / TASK	TOTAL DOLLARS / TASK									
	No. of Sheets	Engineer VIII	Engineer VII	Engineer VI	Engineer V	Engineer IV	Engineer III	Engineer II	Engineer I	Tech VII			Admin V								
Correspondence with Client			4	4								8	\$1,735.21								
Teams mtg. w/ City & Developer			4	4						2		10	\$2,059.91								
EV Workshop w/ City staff			4	4								8	\$1,735.21								
Revisions to base layout drawing		Sub Cost	20							40		60	\$11,120.16								
Revisions to surface model			20							40		60	\$11,120.16								
Revisions to border sheet										2		2	\$324.70								
Update Cover sheet										2		2	\$324.70								
Prepare Sheet Index & General Notes sheet			4							2		6	\$1,249.93								
Update Typical Sections & Quantities sheet			1							4		5	\$880.71								
Prepare Existing Site Plan sheet			1							4		5	\$880.71								
Prepare Site Demolition Plan sheet			1							8		9	\$1,530.11								
Prepare Overall Site Plan sheet			1							8		9	\$1,530.11								
Update Site Development Plan			1							4		5	\$880.71								
Update Grading Plan sheet			1							4		5	\$880.71								
Prepare Pre-Development Watersheds sheet												0	\$0.00								
Prepare Post-Development Watersheds sheet												0	\$0.00								
Prepare Site Layout Plan sheet												0	\$0.00								
Prepare Layout Node Tables sheet												0	\$0.00								
Update Roadway Plan & Profiles			2							8		10	\$1,761.42								
Update Utility Plan - Sanitary Sewer sheet			2							6		8	\$1,436.72								
Prepare Sanitary Sewer Plan & Profiles												0	\$0.00								
Update Utility Plan - Storm Sewer sheet			2							6		8	\$1,436.72								
Prepare Storm Sewer Plan & Profiles												0	\$0.00								
Update Utility Plan - Water sheet			2							4		6	\$1,112.02								
Prepare Water Plan & Profiles												0	\$0.00								
Prepare Erosion Control Plan sheet												0	\$0.00								
Prepare Erosion Controls Details sheet												0	\$0.00								
Prepare Site Details sheet												0	\$0.00								
Prepare Storm Sewer Details sheet												0	\$0.00								
Prepare Sanitary Sewer Details sheet												0	\$0.00								
Prepare Water Details sheet												0	\$0.00								
Prepare Pavement Marking & Signage sheet												0	\$0.00								
Update quantity calculations			4	2						8		14	\$2,629.02								
Update OPCC			4	4						4		12	\$2,384.61								
Meetings (2)			4	4								8	\$1,735.21								
QA/QC		8	8	8						12		36	\$7,308.27								
Prepare 30% deliverables			1	2						2		5	\$961.00								
												0	\$0.00								
<b>SUBTOTAL:</b>											<b>301</b>	<b>\$57,018.01</b>									
<b>TOTAL - HOURS:</b>											<b>301</b>										
Loaded Hourly Rate																					
											\$ 236.21	\$ 231.31	\$ 202.50	\$ 167.40	\$ 144.40	\$ 120.58	\$ 112.58	\$ 106.38	\$ 162.35	\$ 112.67	
<b>COSTS PER CLASSIFICATION</b>											\$1,889.65	\$21,048.83	\$6,479.87	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27,599.66	\$0.00	\$57,018.01
<b>TOTAL HOURLY COSTS:</b>																					<b>\$57,018.01</b>

# Design Roadway and Civil

PROJECT NO. *TRI-DAY Development* DES. NO.: *N/A*  
 CLIENT: *City of South Bend*

DESCRIPTION	STAFF HOURS BY CLASSIFICATION											TOTAL HOURS / TASK	TOTAL DOLLARS / TASK	
	No. of Sheets	Engineer VIII	Engineer VII	Engineer VI	Engineer V	Engineer IV	Engineer III	Engineer II	Engineer I	Tech VII	Admin V			
<b>DIRECT EXPENSES</b>														
Mileage		Trips x		300	Mi./Trip x	\$0.49								\$0.00
Meals		Persons x			Days x	\$26.00								\$0.00
Lodging		Nights x		\$85.00	/ Night									\$0.00
Flights														\$0.00
Prints		Sets x		200	Sheets	\$0.10								\$0.00
Traffic Counts		Intersections		900	/ Intersection									\$0.00
<b>DIRECT EXPENSE SUBTOTAL:</b>														<b>\$0.00</b>
<b>TOTAL COSTS:</b>														<b>\$57,100.00</b>

# Traffic Design

PROJECT NO. *TRI-DAY Development* DES. NO.: *N/A*  
 CLIENT: *City of South Bend*

DESCRIPTION	STAFF HOURS BY CLASSIFICATION											TOTAL HOURS / TASK	TOTAL DOLLARS / TASK	
	No. of Sheets	Engineer VIII	Engineer VII	Engineer VI	Engineer V	Engineer IV	Engineer III	Engineer II	Engineer I	Tech VI	Admin V			
<b>TIS</b>														
													0	\$0.00
a. Trip generation calculations					4			12					16	\$2,020.59
b. Capacity analysis for adjacent 2 intersections and roadways					8			16					24	\$3,140.52
c. Crash history analysis		Sub Cost			4			8					12	\$1,570.26
d. Intersection control warrant analysis					8			12					20	\$2,690.19
e. Memo to summarize findings and recommendations					16			20					36	\$4,930.04
Intersection improvement cost estimate for 2 intersections				8	16						12		36	\$6,046.42
													0	\$0.00
<b>SUBTOTAL:</b>												<b>144</b>	<b>\$20,398.01</b>	
<b>TOTAL - HOURS:</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>68</b>	<b>0</b>	<b>12</b>	<b>0</b>			<b>144</b>	
Loaded Hourly Rate	\$ 236.21	\$ 231.31	\$ 202.50	\$ 167.40	\$ 144.40	\$ 120.58	\$ 112.58	\$ 106.38	\$ 145.67	\$ 112.67				
<b>COSTS PER CLASSIFICATION</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,619.97</b>	<b>\$9,374.32</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$7,655.65</b>	<b>\$0.00</b>	<b>\$1,748.08</b>	<b>\$0.00</b>				<b>\$20,398.01</b>
<b>TOTAL HOURLY COSTS:</b>														<b>\$20,398.01</b>

DIRECT EXPENSES														
Mileage	0	Trips x		300	Mi./Trip x	\$0.49								\$0.00
Meals		Persons x			Days x	\$26.00								\$0.00
Lodging		Nights x		\$85.00	/ Night									\$0.00
Flights														\$0.00
Prints		Sets x		200	Sheets	\$0.10								\$0.00
Traffic Counts		Intersections		900	/ Intersection									\$0.00
<b>DIRECT EXPENSE SUBTOTAL:</b>													<b>\$0.00</b>	
<b>TOTAL COSTS:</b>													<b>\$20,400.00</b>	

# Detention Hydraulic Design

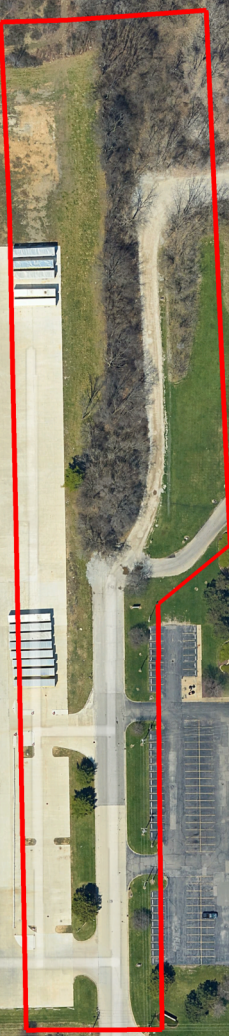
PROJECT: TRI-DAY Development  
 CLIENT: City of South Bend

DES. NO.: N/A

DESCRIPTION	STAFF HOURS BY CLASSIFICATION										HOURS / TASK	TOTAL DOLLARS / TASK	
	Engineer VII	Engineer VI	Engineer V	Engineer IV	Engineer III	Admin V	Tech VII						
<b>Site Drainage and Detention</b>													
Updated Model with Hydraulic Conductivity		8		8								16	\$2,775.20
Coordination with Designers & Meetings		8										8	\$1,619.97
Plan Production												0	\$0.00
QA/QC	2	Sub Cost										2	\$462.61
<b>SUBTOTAL:</b>											26	\$4,857.78	
<b>TOTAL - HOURS:</b>											26		
<b>Loaded Hourly Rate</b>													
	\$ 231.31	\$ 202.50	\$ 167.40	\$ 144.40	\$ 120.58	\$ 112.67	\$ 162.35						
<b>COSTS PER CLASSIFICATION</b>												\$4,857.78	
	\$462.61	\$3,239.93	\$0.00	\$1,155.23	\$0.00	\$0.00	\$0.00						
<b>TOTAL HOURLY COSTS:</b>												\$4,857.78	
<b>DIRECT EXPENSES</b>													
Mileage	0	Trips x		300	Mi./Trip x	\$0.49							\$0.00
Meals		Persons x			Days x	\$50.00							\$0.00
Computer Time		Nights x			hours x	\$16.00							\$0.00
Lodging					/ Night								\$0.00
Flights		Sets x											\$0.00
Prints		Intersections			Sheets								\$0.00
Traffic Counts					/ Intersection								\$0.00
<b>DIRECT EXPENSE SUBTOTAL:</b>												\$0.00	
											<b>TOTAL BEFORE ROUNDING:</b>	\$4,857.78	
											<b>TOTAL:</b>	\$4,900.00	

# Tri-Day Added Survey Limits

Google Earth



Eaton Corporation

Boland Dr

Wildman

Founda

1000 ft



April 7, 2026

Mr. Wendell Solomon, P.E.  
Hanson Professional Services, Inc.  
6510 Telecom Drive, Suite 210  
Indianapolis, Indiana 46278

Re: Proposal for Geotechnical Engineering Exploration  
**Tri-Day Site Development**  
**2903 North Foundation Drive**  
**South Bend, Indiana**  
Patriot Proposal No.: P26-0853-15G

Dear Wendell:

Patriot Engineering, PC (*Patriot*) appreciates the opportunity to submit this proposal to perform a Geotechnical Engineering Exploration for the above-referenced project. Presented in this proposal is an outline of our understanding of the proposed project, our proposed work plan, and proposed cost and schedule.

### **Project Description**

The project involves the development of a approximately 16-acre parcel located north of 2903 North Foundation Drive in South Bend, Indiana. The proposed project will consist of installation of roadways, utilities and stormwater basins to support the future development of mixed commercial and industrial buildings. Soil boring and sampling frequency will follow the “*City of South Bend Construction Standards and Specifications*” dated June 26, 2018. Additionally, the planned development is located in an undeveloped parcel of land that his moderately wooded. Isolated clearing may be required for access to boring locations.

A summary of our scope of work is provided below. Additional details about the scope of work and limitations are presented in the attached appendix.

### **Drilling Services**

A summary of our proposed drilling scope is provided in the table below:

Number of Borings	Depth (feet)	Location	Groundwater Monitoring	Backfill Material
12	15	Pavement & Utilities	During Drilling and Immediately After	Auger Cuttings
2	5	Basin Area	During Drilling and Immediately After	Auger Cuttings
Totals				
14	190			

- Split-spoon samples and Standard Penetration Tests values (commonly referred to as the blow-count or N-value) will be obtained in advance of the augers at 2.5 feet intervals to a depth of 10 feet, and 5 feet intervals thereafter per ASTM Method D-1586.
- Shelby tube samples may be obtained in cohesive soil strata-of-interest.
- The field drilling work should take one (1) to two (2) days to complete.
- Any vegetation clearing (e.g., brush, wooded areas, etc.) or arranging access required for our drill-rig(s) to perform the borings (e.g., removing fences, moving equipment/materials) will be performed by others and coordinated by the *Client* prior to our field exploration team arriving on site. Alternatively, *Patriot* may retain a clearing sub-contractor to clear boring locations (Optional Task No. 1).

### Percolation (Infiltration) Testing

- As requested, infiltration testing may be conducted at up to two (2) boring locations within the proposed stormwater basin. Where the targeted infiltration horizon is shallower than the initial boring depth, supplemental offset borings will be advanced using blank drilling methods to reach the required test elevation. In the event that borehole sidewalls become unstable or cave during drilling, a temporary casing or pipe will be installed to maintain borehole integrity and allow testing to proceed.
- Infiltration testing will be performed within the open borehole or temporary casing to evaluate the in-situ infiltration characteristics of the subsurface soils at each test location. Percolation testing will include a pre-soak phase, during which water will be introduced into the borehole for approximately two (2) hours to simulate saturated soil conditions. Upon completion of the pre-soak period, water addition will be halted, and the rate of infiltration will be measured by recording the drop in water level over time. The borehole will then be refilled, and additional water-level decline measurements will be collected to confirm test consistency and soil behavior. If authorized, this scope of work can be completed as Optional Task No. 2, for which a separate cost estimate has been provided.
- We assume that the percolation test locations will be accessible via truck with water tank or water spigot.
- Infiltration testing cannot be completed during freezing temperatures or if the ground at the infiltration test depth is frozen.
- We anticipate being able to complete percolation tests at two (2) tests per day for a total of approximately one (1) day of percolation testing.

### Laboratory Services

After the fieldwork is completed, we will return the samples to *Patriot's* laboratory to perform the appropriate laboratory testing. The anticipated laboratory testing is outlined in the table below:

Laboratory Test	Number of Tests	Standard
Visual Classification (USCS)	Every Sample	ASTM D 2487
Moisture Content	Every cohesive sample	ASTM D 2216
Unconfined Compressive Strength (Pocket Penetrometer)	Every suitable cohesive sample	-

### Engineering Services

- *Patriot* will call public utilities (811) to “clear utilities” within the public domain prior to the start of any subsurface exploration. The “clearing of utilities” outside of the public domain shall be the responsibility of the property owner or manager and coordinated with *Patriot*. No private utility locate will be performed by *Patriot*. However, if the *Client* would like us to hire a private utility locator to clear the underground lines at the boring locations, a cost estimate for *Patriot* to hire a private utility locator is provided (Optional Task No. 3).
- *Patriot* will visit the project site prior to drilling to observe and note ground cover, existing structures, pavement, site access and topographic conditions. During this visit, we will locate and mark boring locations.
- Based on the results of the fieldwork and laboratory testing, we will prepare a Geotechnical Engineering Report. The report will present all field, soil boring logs and laboratory test data. The report will also include recommendations to aid in the design of the proposed structure, as well as providing a discussion regarding potential construction difficulties due to soil and groundwater conditions.
- We would expect to issue our engineering report within approximately two (2) weeks of completing the fieldwork. However, verbal results can be provided shortly after the fieldwork is completed.

**Estimated Project Cost**

Based upon the information provided and as outlined in our attached work plan, along with our experience with similar projects, we have provided an estimate of the project cost below:

<b>Estimated Project Cost</b>	
Geotechnical Engineering Exploration	\$7,500
Optional Task No. 1 - Isolated Clearing	\$5,000
Optional Task No. 2 - Infiltration Testing	\$2,000
Optional Task No. 3 - Private Utility Locate	\$1,500

Work performed outside the "Scope of Work" discussed in this proposal will be considered a change in scope and performed at a unit rate basis for the actual work performed. Refer to the attached "Fee Schedule" for unit rates.

As our formal authorization to proceed, please complete and sign the Proposal Acceptance Agreement form included with this proposal, indicating proper billing instructions, and return an executed copy of this acceptance agreement for our files. Also, please note the Terms and Conditions included with this proposal, which is an integral part of this proposal. Alternatively, this work may be authorized by a written purchase order or a letter instructing us to proceed, which provides for the Terms and Conditions herein.

If you have questions regarding this proposal or require additional information, please do not hesitate to contact us.

Sincerely,  
**Patriot Engineering, PC**



**Mark Jonard, P.E.**  
Project Engineer



**Sean Smith**  
Senior Consultant

## **Additional Details of Scope of Work and Limitations**

### **Objectives**

The objectives of this geotechnical engineering investigation will be to assess the subsurface conditions within the project area and to provide recommendations to aid in the design and construction of the proposed project.

### **Utilities**

*Patriot* will be responsible for “clearing utilities” within the public domain prior to the start of any subsurface exploration. The “clearing of utilities” outside of the public domain shall be the responsibility of the property owner or manager and coordinated with *Patriot*. We strongly recommend that the *Client* hire a private utility locator to clear the boring locations of any underground lines. Alternatively, *Patriot* can employ the use of a private utility locator to “clear” the boring locations prior to drilling for an additional cost. In the event that private utility clearance is not performed or declined or omitted, the *Client* expressly assumes all responsibility and liability for any underground utility lines that not identified, located, or marked by the 811 utility notification system.

### **Backfill Materials**

If the boreholes will be backfilled with auger cuttings upon completion of the borings, it should be noted that it is standard practice in drilling test borings to backfill with the auger cuttings. However, sometimes the backfill will settle after the borings have been completed, requiring a return trip to backfill again. If this takes place, an additional fee will be charged for the return trip. As an alternative, for an additional fee, the holes can be backfilled with bentonite or grout to reduce the potential settlement.

### **Scope of Work Limitations**

In preparation of this proposal, we have assumed that the site is accessible to a track-mounted drilling rig. Our drill rig and the field operations may damage landscaping areas. We assume any damage to landscaping areas by our drilling operations will be repaired by the *Client*. If “clearing” or “grading” of the site is required (i.e. trees, brush, crops etc.), an additional charge will be assessed. Also, we assume that the *Client* will make arrangements regarding our field work such as access to the drilling locations, etc. We assume that our field work will be performed during normal work hours (not weekend or night hours).

If the borings reveal inconsistent and/or marginal soil conditions requiring additional borings, deeper borings, additional samples, or additional laboratory testing, the *Client's* Project Manager will be consulted immediately with regard to the possibility of modifying the proposed subsurface exploration program. Such a modification may be considered a change in scope of the Proposed Work Plan, thereby requiring a possible adjustment to the budget of this Geotechnical Engineering Exploration.

The subsurface exploration outlined in this proposal assumes that there are no hazardous materials in the soil or in the groundwater underlying the site. This exploration is not designed to detect or identify such materials. If it becomes apparent during the field exploration that hazardous materials are present, field operations will temporarily cease. The field exploration could be resumed only after the appropriate health and safety issues are addressed and the scope of our exploration modified to address this change in condition.

**BOARD OF PUBLIC WORKS  
AGENDA ITEM REVIEW REQUEST FORM**

Date: 05/18/2026  
 Name: Jenny Guard Department of Public Works – Engineering Division  
 BPW Date: 05/26/2026 Phone Extension: 9805

**Required Prior to Submittal to Board**

BPW Attorney \_\_\_\_\_ Attorney Name \_\_\_\_\_  
 Dept. Attorney  Attorney Name \_\_\_\_\_  
 Purchasing  \_\_\_\_\_

**Check the Appropriate Item Type – Required for All Submissions**

<input checked="" type="checkbox"/> Professional Services Agreement	<input type="checkbox"/> Contract	<input type="checkbox"/> Proposal
<input type="checkbox"/> Open Market Contract	<input checked="" type="checkbox"/> Amendment/Addendum	<input type="checkbox"/> Special Purchase, QPA
<input type="checkbox"/> Bid Opening	<input type="checkbox"/> Bid Award	<input type="checkbox"/> Req. to Advertise <input type="checkbox"/> Title Sheet
<input type="checkbox"/> Quote Opening	<input type="checkbox"/> Quote Award	<input type="checkbox"/> Reject Bids/Quotes
<input type="checkbox"/> Proposal Opening	<input type="checkbox"/> C/O & PCA No. _____	<input type="checkbox"/> PCA
<input type="checkbox"/> Chg. Order, No. _____	<input type="checkbox"/> Traffic Control	<input type="checkbox"/> Resolution
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Ease./Encroach

**Required Information**

Company or Vendor Name Hanson Professional Services Inc.  
 New Vendor  Yes  If Yes, Approved by Purchasing  
 No  
 MBE/WBE Contractor  MBE  Completed E-Verify Form Attached  Yes  
 WBE  No  
 Project Name Tri-Day Site Development  
 Project Number 126-010  
 Funding Source \_\_\_\_\_  
 Account No. PO # 43365  
 Amount \$98,300  
 Terms of Contract Hourly not to exceed  
**Special Contract Provisions**  
 Purpose/Description Amendment for 30% design.

**For Change Orders Only**

Amount of  Increase \$ \_\_\_\_\_  
 Decrease (\$ \_\_\_\_\_ )  
 Previous Amount \$ \_\_\_\_\_  
 Increase \_\_\_\_\_ %  
 Current Percent of Change: Decrease ( \_\_\_\_\_ %)  
 New Amount \$ \_\_\_\_\_  
 Increase \_\_\_\_\_ %  
 Total Percent of Change: Decrease ( \_\_\_\_\_ %)  
 Time Extension Amount: \_\_\_\_\_  
 New Completion Date: \_\_\_\_\_