



**Meeting of the Board of Directors  
December 12, 2022 - 1:30 p.m.**

**THEA Headquarters  
1104 E. Twiggs Street  
First Floor Board Room  
Tampa, FL 33602**

For any person who wishes to address the Board, a sign-up sheet is provided at the Board Room entrance. Presentations are limited to three (3) minutes. When addressing the Board, please state your name and address and speak clearly into the microphone. If distributing backup materials, please furnish ten copies for the Authority Board Members and staff. Any person who decides to appeal any decisions of the Authority with respect to any matter considered at its meeting or public hearing will need a record of the proceedings and, for such purpose, may need to hire a court reporter to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which an appeal is to be based.

**I. Call to Order and Pledge of Allegiance**

**II. Public Input/Public Presentations**

**III. Election of Secretary**

**IV. Consent Agenda**

**A. Approval of the Minutes from the November 14, 2022, Board of Directors Meeting**

**V. Discussion/Action Items**

**A. Operations & Engineering – Bennett Barrow, Committee Chair – *Brian Pickard, P.E., Staff***

**1. Ferrovial REL Lighting Analysis, Removal/Packaging, and Reinstallation**

**Purpose:** Approval of task order for Ferrovial Services Infrastructure, Inc. to investigate the aesthetic lights on the REL that aren't allowing proper control, remove the lights that are found to be damaged, package the lights to be sent

to the manufacturer for warranty repair, and reinstall the repaired lights once they are returned. This will be a not to exceed approval with reimbursement based on the actual number of lights reinstalled and when the work is undertaken (different costs for day vs night).

**Funding:** Operations and Maintenance - \$366,217

**Action:** Request the Board to authorize the Executive Director to sign a task order with Ferrovia Services Infrastructure, Inc. to investigate, remove, package, and replace aesthetic lights on the REL for a not to exceed amount of \$366,217 in accordance with the terms in contract O-00617. Actual reimbursement will be based on quantities of luminaires investigated, removed, replaced, and time of day the work is undertaken.

**2. Increase in Funding for Railroad Flaggers & Engineering Costs with CSX Agreement for the East Selmon Slip Ramp Project**

**Purpose:** Increase in funding for railroad flaggers, engineering, and inspection costs with CSX for the East Selmon Slip Ramp Project

**Funding:** Capital Budget - \$96,879 (Total payment to CSX expected to be \$481,879).

**Action:** Request the Board to authorize increase in payment to CSX from \$385,000 to \$481,879 (increase of \$96,879) for the CSX preliminary, flagger, engineering, and inspection costs related to the East Selmon Slip Ramp Project near the 22<sup>nd</sup> Street ramp.

**3. APTIM Task Order – Assessment and Removal Plan for Contaminated Material, 12<sup>th</sup> St. to 19<sup>th</sup> St.**

**Purpose:** To procure the services of a consultant to conduct an environmental assessment in THEA right-of-way between 12<sup>th</sup> St. and 19<sup>th</sup> St.

**Funding:** Capital Budget - \$119,536.

**Action:** Request the Board to authorize the Executive Director to sign a task order with APTIM Environmental & Infrastructure to undertake an environmental assessment of soils and make recommendations for a not to exceed amount of \$119,536 in accordance with the terms in Contract O-1422.

**4. Construction Engineering Inspection (CEI) Services for the South Selmon Capacity Design- Build Project**

**Purpose:** To procure CEI services for the South Selmon Capacity Design-Build Project including all investigations, design, permitting, coordination, construction activities, and necessary approvals to complete the project.

**Funding:** Capital Budget

**Action:** Request the Board:

- a) Approve selection of Evaluation Committee ranking for CEI Services for the South Selmon Capacity Design-Build Project

Firm	Total
CONSOR Engineers, LLC	2
HDR Construction Control Corp	1
Volkert, Inc.	3

- b) Authorize and direct staff to negotiate and execute a contract with the number 1 ranked firm for CEI Services for the design and construction of the South Selmon Capacity Design-Build project. If negotiations are unsuccessful, staff shall negotiate with the number 2 ranked firm. Contract is subject to review and approval of THEA General Counsel.

## 5. Operations Network Switches Procurement

**Purpose:** To procure 100 new field switches for the Operations Network which will enhance communication between ITS equipment and the operation of the REL reversals.

**Funding:** Capital Budget - \$590,700

**Action:** Request the Board to:

- a) Approve the selection of the lowest bid from Temple Inc., in the amount of \$590,700 for the Operations Field Switches.

Firm	Bid Amount
Buyer's Point, LLC	\$766,302
Temple, Inc.	\$590,700

- b) Authorize and direct staff to negotiate and execute a contract with the lowest responsible bid firm. If negotiations are unsuccessful, staff shall negotiate with the next lowest bid firm. Contract is subject to review and approval of THEA General Counsel.

**VI. Staff Reports**

- A. Operations & Maintenance – *Brian Pickard, P.E.*
- B. Toll Operations – *Andy Lelewski, P.E.*

**VII. Executive Reports**

- A. Executive Director – *Greg Slater*
  - 1. **Contract Renewal and Expiration Report**
  - 2. Director's Report
- B. General Counsel – *Amy Lettelleir, Esq.*
- C. Vice Chairman – *Bennett Barrow*
  - 1. Upcoming Meetings
    - THEA Strategic Blueprint Workshop – January 9, 2023
    - THEA Board Meeting – January 23, 2023

**VIII. Old Business**

**IX. New Business**

**X. Adjournment**

Tampa- Hillsborough County Expressway Authority  
Minutes of the November 14, 2022, Board Meeting  
1104 E. Twiggs Street  
Tampa, FL 33602

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The Tampa-Hillsborough County Expressway Authority held a public meeting at 1:30 p.m. on November 14, 2022, at THEA Headquarters, 1104 E. Twiggs Street in Tampa Florida. The following were present:

**BOARD:**

Mr. Vincent Cassidy, Chairman  
Mr. Bennett Barrow, Vice Chairman  
Mr. Ken Hagan, County Commissioner  
David Gwynn, FDOT District 7 Secretary

**STAFF:**

Greg Slater	Frederick Pekala
Amy Lettelleir	Felipe Velasco
Jeff Seward	Judith Villegas
Sue Chrzan	Gary Holland
Brian Pickard	Lisa Pessina
Bob Frey	Shannon Bush
Andy Lelewski	Elizabeth Gray
Charlene Ponce	Brian Ramirez
Chaketa Mister	Elizabeth Dittmann
Emma Antolinez	Charles Lockridge

**OTHERS:**

Tim Garrett, HNTB	Tracey Sansone, KCA
Jim Drapp, HNTB	Scarlett Sharpe, WSP
Elizabeth Putnam, D Squared Infrastructure	Joseph Stanton, NMRS
Doug Draper, BofA	Matthew Sansbury, RBC
Ian Whitney, City of Tampa	Rick Patterson, Raymond James
Mari Bonbreit, HDR	Jansel Sexto, HDR
Sally Dee, Playbook	Nicole Villegas, Atkins
Sarah Lesch, Playbook	Brent Wilder, PFM
Carlos Ramos, Ballard	John Criss, Scalar Consulting
John Melendez, CDM Smith	Dwayne Kile, GPI
Branann Anderson, KCA	

## **I. Call to Order and Pledge of Allegiance**

Chairman Cassidy called the meeting to order at 1:30 pm, followed by the Pledge of Allegiance.

## **II. Public Input/Public Presentations**

There was no public input.

## **III. Consent Agenda**

### **A. Approval of the Minutes from the October 11, 2022, Board Meeting**

*The Chairman requested a motion for approval. Mr. Barrow moved approval, seconded by Secretary Gwynn.*

*The motion passed unanimously.*

## **IV. Discussion/Action Items**

### **A. Planning – John Weatherford, Committee Chair – Bob Frey, Staff**

#### **1. WSP – Trail Connections/Urban Design: Promenade, East Trail, Pond at Meridian and Cumberland (east-side), Health and Wellness**

Mr. Frey discussed efforts to improve and connect THEA's trail system to community spaces and introduced task to identify gaps, connect to community activity areas, and support ongoing development by creating a pedestrian system that complements the Selmon Expressway focusing on connectivity, Vision Zero and urban travel patterns.

He requested Board approval for THEA staff to execute a task order with WSP in an amount not to exceed \$251,000 for the trail connections and urban design task.

*The Chairman requested a motion for approval. Mr. Barrow moved approval, seconded by Secretary Gwynn.*

*The motion passed unanimously.*

#### **2. Whiting Supplemental PD&E work – Lochner**

Mr. Frey presented a supplemental task order for additional services for the Whiting Street PD&E study. The Additional Services include developing and evaluating alternative concepts, public involvement support, and revisions to the environmental document and supporting reports.

He requested board approval for THEA staff to execute a task order with Lochner in an amount not to exceed \$716,000 for the continued work to complete the Whiting Street PD&E.

*The Chairman requested a motion for approval. Mr. Barrow moved approval, seconded by Secretary Gwynn.*

*The motion passed unanimously.*

### **3. Outreach and Support – Playbook Public Relations**

Mr. Frey discussed the need for continued support with public involvement, outreach, website, and social media tasks related to the Whiting Study.

He requested board approval for THEA staff to execute a task order with Playbook Public Relations in an amount not to exceed \$100,000 for the support of the work on the conclusion of the Whiting PD&E and related studies.

*The Chairman requested a motion for approval. Mr. Barrow moved approval, seconded by Secretary Gwynn.*

*The motion passed unanimously.*

### **4. FDOT Coordination I-4 FRAME Support – HNTB**

Mr. Frey presented an item to support FDOT’s intercity integrated corridor management (ICM) project along Interstate 4 (I-4FRAME). The project uses Connected Vehicle and Roadside Unit technology along I-4 to manage traffic. This is a collaboration between THEA and FDOT-D7 to connect I-4 and the Selmon Expressway using arterial roads. The next step will be to collaborate with FDOT to create interoperable CV applications, as well as oversee the installation of fiber optics that will benefit both agencies.

He requested board approval for THEA staff to execute a task order with HNTB in an amount not to exceed \$150,000 for the support of the work with FDOT to connect to I-4 FRAME.

*The Chairman requested a motion for approval. Mr. Barrow moved approval, seconded by Secretary Gwynn.*

*The motion passed unanimously.*

## **B. Operations & Engineering – Bennett Barrow, Committee Chair – Brian Pickard, P.E., Staff**

### **1. Construction Engineering Inspection (CEI) Services for the South Selmon Capacity (SSC) Design-Build Project**

Mr. Pickard presented a request to procure CEI services for the South Selmon Capacity Project and asked the Board to approve the recommendation of the Evaluation Committee to shortlist Letters of Interest submittals for this project

to the next phase of procurement. Three firms submitted Letters of Interest. The Evaluation Committee recommends shortlisting the following firms:

CONSOR Engineers, LLC
HDR Construction Control Corporation
Volkert, Inc.

*The Chairman requested a motion for approval. Mr. Barrow moved approval, seconded by Secretary Gwynn.*

*The motion passed unanimously.*

## **2. Approval of Shortlist Recommendations and Subsequent payment of Stipend for South Selmon Capacity (SSC) Design Build Teams**

Mr. Pickard presented the shortlist of the top three (3) ranked teams authorized to go forward to prepare responses to the request for proposal. The teams not selected during the final selection process, but, shortlisted, will receive a stipend in accordance with the FDOT design build stipend calculations. The stipend amount for this project is \$500,000 each for the firms ranked 2-3 in the final selection.

He requested that the Board:

- a. Approve the shortlist selection recommendation of the top three (3) ranked firms and direct staff to move forward with the procurement process.

Kiewit Infrastructure South Co.
Middlesex Corp.
Superior Construction Company Southeast, LLC/ KCA

- b. Authorize stipends in the amount of \$500,000 each to be awarded to the number 2 and 3 teams identified in the final selection.

*The Chairman requested a motion for approval. Mr. Barrow moved approval, seconded by Secretary Gwynn.*

*Chairman Cassidy asked if a \$500,000 stipend is within range. Secretary Gwynn noted that FDOT uses a formula to determine the stipend amount. Mr. Pickard added that the \$500,000 is consistent with the formula.*

*The motion passed unanimously.*

## **3. Selmon West Extension – Follow Up**

Mr. Pickard presented a request to utilize GEC (HNTB) to assist staff with developing a methodology to inspect the Selmon West Extension Segmental Structure.

He requested the Board to authorize the Executive Director to execute a task order with HNTB for developing a methodology to inspect the Selmon West Extension Segmental Structure. Funding in the amount of \$257,668 will come from the Operations and Maintenance contingency fund.

*The Chairman requested a motion for approval. Mr. Barrow moved approval, seconded by Secretary Gwynn.*

*The motion passed unanimously.*

## **V. Staff Reports**

### **A. Planning & Innovation – Bob Frey**

Mr. Frey presented a video on the CV Pilot and reviewed the findings from the program.

Over the course of the pilot, the system sent out:

- 3.1 billion Basic Safety Messages (BSM)
- 26.4 billion Signal Phase and Timing Messages (SPaT)
- 3.4 billion MAP messages
- 152,571 interactions between OBU-equipped vehicles

He also reviewed the safety impact, noting:

- 20,206 V2V and V2I warnings
- 17 potential crashes prevented
- 21 potential pedestrian crashes prevented
- 14 wrong-way drivers warned
- 19 red light warnings

Mr. Frey also discussed the participant survey results and THEA's commitment to ongoing CV operations.

Mr. Slater added that Mr. Frey and his team have led conversations nationally and THEA's reputation has benefitted from that. Of the three pilots – we were the only one that produced results and data and we now have great opportunities to leverage that to seek out additional grant opportunities.

### **B. Operations & Maintenance – Brian Pickard, P.E.**

Mr. Pickard presented an update on the East Selmon slip ramp project and showed a video on the progress. The present contract amount is \$24,540,000, and we have paid them 66% of that. As of last month, we were at 58% of contract time.

### **C. Toll Operations – *Andy Lelewski, P.E.***

Mr. Lelewski provided an update on traffic and toll statistics for August and September. Comparing 2021 to 2022, August saw a 28% increase in transactions for the West Extension; 11.6% increase for the West Mainline; 4.4% increase for the East Mainline; and a 27.3% increase on the REL. September 2021 to 2022 experienced similar trends. For August we saw a rebound over June and July for total posted transactions processing over 6 million transactions. In September, we processed nearly 4.9 million revenue transactions. Tolls were suspended on September 26 due to Hurricane Ian. We processed 530 thousand non-revenue transactions during the time tolls were suspended. During a typical 5 day work week we process 970 thousand transactions.

Mr. Lelewski highlighted his team and the work they did during the storm, noting they did not miss a transaction on the system and the phone lines remained open.

He also discussed pre-paid versus post-paid transactions, as well as past due payments received and how those payments were received.

Finally, he touched on in-house customer service.

### **D. Budget & Finance – *Jeff Seward***

Mr. Seward reviewed THEA financial information for July 1, 2022 – September 30, 2022. Toll revenue is in line with what we anticipated. We will see the impact of hurricane Ian next quarter, with an estimated \$6M loss in revenue. He also noted that, on the expense side, THEA is spending less than budgeted. We will come back to the board what the impact looks like and how we can mitigate it.

### **E. Communications – *Sue Chrzan***

Ms. Chrzan showed a video highlighting THEA and our look ahead, connecting customers to the community. She also spotlighted the Brandon Parkway and some of the environmental efforts that are underway.

## **VI. Executive Reports**

### **A. Executive Director – *Greg Slater***

Mr. Slater presented one contract renewal with Bryant Miller Olive for legal support services. It's a three-year contract with 2 additional one-year renewals options. This is the first-year renewal from 5/4/23 – 5/4/24.

Next Mr. Slater provided an update on the impact of Hurricane Ian on the expressway system, noting that we saw a heavier use of the system during the toll

suspension. We're seeing an increased usage on the system in the middle of the day pushing us away from being a commuter system.

Chairman Cassidy asked about average speed during rush hour depicted on the slide. Mr. Slater noted that capacity projects and the slip ramp project will help alleviate this.

Mr. Slater mentioned THEA's recent interaction with Moody's and THEA's ability to demonstrate we have recovered from COVID.

He also discussed progress made with the City of Tampa on the Whiting PD&E; the Real Estate Advisory Services RFP that has been advertised; and the upcoming Board workshop to discuss the strategic blueprint.

Mr. Slater congratulated Emma Antolinez for being accepted into the IBTTA Leadership Program. He also commended Secretary Gwynn and his team on their response to two hurricanes, and congratulated Daniel Alvarez and Commissioner Hagan on their recent elections.

Finally, Mr. Slater recognized Bob Frey for his ten years of service to THEA.

**A. General Counsel – *Amy Lettelleir, Esq.***

Nothing to report.

**B. Chairman – *Vincent Cassidy***

**1. Upcoming Meetings**

- THEA Board Meeting – December 12, 2022

**VII. Old Business**

None.

**VIII. New Business**

None.

**IX. Adjournment**

The meeting adjourned at 2:18 p.m.

**APPROVED:** \_\_\_\_\_ **ATTEST:** \_\_\_\_\_  
**Chairman: Vince Cassidy** **Vice Chairman: Bennett Barrow**

**DATED THIS 12th DAY OF DECEMBER 2022.**



November 29, 2022

Tampa-Hillsborough Expressway Authority

ATTN: Brian W. Pickard, Director of Expressway Operations

1104 East Twiggs Street, Suite 300

Tampa, Florida 33602

RE: C/O Proposal – Selmon REL Aesthetic Lighting Repairs

Brian:

It is our pleasure to submit this proposal for REL Aesthetic Lighting Repairs.

Task 1 Work will consist of Provide MOT, materials, personnel, and equipment necessary to troubleshoot Aesthetic Lighting on 76 piers (8 fixtures per) and straddle bents except for pier 2. 276 luminaires identified as described in Task 1 of scope provided by the Expressway. Remove all non-functioning luminaires, mark all arms and brackets (X / Y axis). Does not include cables, plugs or realignment of any fixtures. Does not include trouble shooting of system inside bridge structure or controls of system. Numbering system will be agreed upon prior to work beginning. Pelletizing of remove fixtures for shipping. Task 2 of scope Reinstallation and addressing of repaired fixtures. Install repaired luminaires (from above) once returned from Acclaim Lighting. The luminaires will be addressed during reinstallation, per the original plans (Exhibit C) and angled per THEA direction.

This work is priced as daytime work, if any night work is required there will be a 15% increase.

Locations pre-determined by the Expressway Authority. Off Duty Law Enforcement /MOT will be needed. Work will be done by sub-contractors. Does not include getting any permits if required to perform the work.

The work (Task 1) will be accomplished per THEA request at a of rate of \$208,650.98 day-time work

The work (Task 1) will be accomplished per THEA request at a of rate of \$235,231.00 night-time work.

The work (Task 2) will be accomplished per THEA request at a of rate of \$115,017.66 day-time work

The work (Task 2) will be accomplished per THEA request at a of rate of \$130,986.46 night-time work

Please call me at 813-250-3616 with any questions or concerns.

Thanks,

A handwritten signature in black ink, appearing to read 'Scott Chase', with a stylized, cursive script.

Scott Chase

Project Manager

## REL Aesthetic Lighting Cost Breakdown

11.28.22

### Task 1

#### Cost Breakdown Daytime Work

Diagnostic Piers	76 piers	\$728.78	\$55,387.28
Remove non working fixtures designated by Expressway	276 fixtures	\$75.99	\$20,973.24
Install Serrated Washers on fixtures	608 fixtures	\$79.56	\$48,372.48
MOT/Off Duty Law Enforcement	30 days (est)	\$2,397.25	\$71,917.50
Prep for Packing Pallets,Shrink Wrap, Labor	276 fixtures	\$43.48	\$12,000.48
		Total	<b>\$208,650.98</b>

## REL Aesthetic Lighting Cost Breakdown

11.21.22

### Task 1

#### Cost Breakdown Nighttime Work

Diagnostic Piers	76 piers	\$838.10	\$63,695.60
Remove non working fixtures designated by Expressway	276 fixtures	\$87.38	\$24,116.88
Install Serrated Washers on fixtures	608 fixtures	\$89.38	\$54,343.04

MOT/Off Duty Law Enforcement	30 days (est)	\$2,702.50	\$81,075.00
Prep for Packing Pallets,Shrink Wrap, Labor	276 fixtures	\$43.48	<u>\$12,000.48</u>
		Total	<b>\$235,231.00</b>

## REL Aesthetic Lighting Cost Breakdown

**Task 2** Reinstall Repaired Fixtures

### Cost Breakdown Daytime Work

Reinstall Repaired fixtures designated by Expressway	276 fixtures	\$131.16	\$36,200.16
Unpacking/Prep of repaired Fixtures	276 fixtures	\$25.00	\$6,900.00
MOT/Off Duty Law Enforcement	30 days (est)	\$2,397.25	<u>\$71,917.50</u>
			<b>\$115,017.66</b>

## REL Aesthetic Lighting Cost Breakdown

**Task 2** Reinstall Repaired Fixtures

## Cost Breakdown Nighttime Work

Reinstall Repaired fixtures designated by Expressway	276 fixtures	\$150.84	\$41,631.46
Unpacking/Prep of repaired Fixtures	276 fixtures	\$30.00	\$8,280.00
MOT/Off Duty Law Enforcement	30 days (est)	\$2,702.50	<u>\$81,075.00</u>
			<b>\$130,986.46</b>

### Task 1/Task 2 Work Combined Daytime Cost

Task 1	<b>\$208,650.98</b>
Task 2	<b><u>\$115,017.66</u></b>
Total:	<b>\$323,668.64</b>

### Task 1/Task 2 Work Combined Nighttime Cost

Task 1	<b>\$235,231.00</b>
Task 2	<b><u>\$130,986.46</u></b>
Total	<b>\$366,217.46</b>

Ferrovial Cost Breakdown for REL Lighting Investigation

11/21/2022

<u>Pay Item</u>	<u>Units</u>	<u>Cost per Unit</u>	<u>Total</u>
Luminaire Diagnostics Nighttime/Pier	76	\$838.10	\$24,116.88
Luminaire Diagnostics Daytime/Pier	1	\$728.78	\$728.78
Remove Damaged Fixtures Nighttime/Fixture	276	\$87.38	\$24,116.88
Remove Damaged Fixtures Daytime/Fixture	1	\$75.99	\$75.99
Install Serrated Washers Nighttime/Fixture	608	\$89.38	\$54,343.04
Install Serrated Washers Daytime/Fixture	1	\$79.56	\$79.56
MOT Nighttime/Calendar Day	30	\$2,702.50	\$81,075.00
MOT Daytime/Calendar Day	1	\$2,397.25	\$2,397.25
Prep for Packaging Pallets/Fixture	276	\$43.48	\$12,000.48
Reinstall Repaired Fixtures Nighttime/Fixture	276	\$150.00	\$41,631.46
Reinstall Repaired Fixtures Daytime/Fixture	1	\$ 131.16	\$ 131.16
Unpacking/Prep of repaired Fixtures Nighttime	276	\$30.00	\$8280.00
Unpacking/Prep of repaired Fixtures daytime	1	\$25.00	\$25.00
MOT Nighttime/Calendar Day	30	\$2,702.50	\$81,075.00
MOT Daytime/Calendar Day	1	\$ 2397.25	\$2397.25

Total Maximum PO Amount \$\_\_\_\_\_.

ESTIMATE SUBJECT TO REVISION AFTER: 10/26/2023 DOT NO.: 938085Y  
 CITY: Tampa COUNTY: Hillsborough STATE: FL  
 DESCRIPTION: Construction estimate for flagging and CE&I services to accomodate Selmon expressway O.H. bridge  
 widening to add an additional west bound lane.  
 ZONE: Florida SUB-DIV: Tampa Terminal MILE POST: S 843.38  
 AGENCY PROJECT NUMBER: THEA - O-0250

**PRELIMINARY ENGINEERING:**

212	Contracted & Administrative Engineering Services	\$	28,500
	<b>Subtotal</b>	<b>\$</b>	<b>28,500</b>

**CONSTRUCTION ENGINEERING/INSPECTION:**

212	Contracted & Administrative Engineering Services	\$	191,888
	<b>Subtotal</b>	<b>\$</b>	<b>191,888</b>

**FLAGGING SERVICE: (Contract Labor)**

70		\$	-
50	Labor (Foreman/Inspector) 185 Days	\$	93,240
70	Additive (Transportation Department)	\$	-
50	Additive (Engineering Department)	\$	149,184
	<b>Subtotal</b>	<b>\$</b>	<b>242,424</b>

**SIGNAL & COMMUNICATIONS WORK:**

\$	-
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**TRACK WORK:**

\$	-
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**PROJECT SUBTOTAL:**

\$	462,812
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900	<b>CONTINGENCIES:</b> 10.00%	\$	46,281
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**PROJECT TOTAL:**

*****	\$	509,093
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**CURRENT AUTHORIZED BUDGET:**

*****	\$	412,214
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**TOTAL SUPPLEMENT REQUESTED:**

*****	<b>\$</b>	<b>96,879</b>
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**DIVISION OF COST:**

Agency	100.00%	\$	96,879
Railroad	0.00%	\$	-

**NOTE: Estimate is based on FULL CROSSING CLOSURE during work by Railroad Forces.**

This estimate has been prepared based on site conditions, anticipated work duration periods, material prices, labor rates, manpower and resource availability, and other factors known as of the date prepared. The actual cost for CSXT work may differ based upon the agency's requirements, their contractor's work procedures, and/or other conditions that become apparent once construction commences or during the progress of the work

Office of Chief Engineer Public Projects--Jacksonville, Florida

Estimated prepared by: Benesch - ASA

Approved by: KSW CSXT Public Project Group

DATE: 01/26/22 REVISED: 10/26/22 DATE: 11/11/22

<b>ESTIMATE SUBJECT TO REVISION AFTER:</b>	<b>10/26/2023</b>	<b>DOT NO.:</b> 938085Y
<b>CITY:</b> Tampa	<b>COUNTY:</b> Hillsborough	<b>STATE:</b> FL
<b>DESCRIPTION:</b> Construction estimate for flagging and CE&I services to accomodate Selmon expressway O.H. bridge widening to add an additional west bound lane.		
<b>ZONE:</b> Florida	<b>SUB-DIV:</b> Tampa Terminal	<b>MILE POST:</b> S 843.38
<b>AGENCY PROJECT NUMBER:</b> THEA - O-0250		

**PRELIMINARY ENGINEERING:**

212	Contracted & Administrative Engineering Services	\$	28,500
	<b>Subtotal</b>	<b>\$</b>	<b>28,500</b>

**CONSTRUCTION ENGINEERING/INSPECTION:**

212	Contracted & Administrative Engineering Services	\$	191,888
	<b>Subtotal</b>	<b>\$</b>	<b>191,888</b>

**FLAGGING SERVICE: (Contract Labor)**

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	<b>Subtotal</b>	<b>\$</b>	<b>242,424</b>

**SIGNAL & COMMUNICATIONS WORK:**

\$	-
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**TRACK WORK:**

\$	-
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**PROJECT SUBTOTAL:**

\$	462,812
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**TOTAL SUPPLEMENT REQUESTED:**

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**DIVISION OF COST:**

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Railroad	<u>0.00%</u>	\$	-

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This estimate has been prepared based on site conditions, anticipated work duration periods, material prices, labor rates, manpower and resource availability, and other factors known as of the date prepared. The actual cost for CSXT work may differ based upon the agency's requirements, their contractor's work procedures, and/or other conditions that become apparent once construction commences or during the progress of the work

Office of Chief Engineer Public Projects--Jacksonville, Florida

Estimated prepared by: Benesch - ASA

Approved by: **KSW** CSXT Public Project Group

DATE: 01/26/22 REVISED: 10/26/22 DATE: 11/10/22



APTIM  
725 US Highway 301 South  
Tampa, Florida 33619  
Tel: +1 813 612 3600  
Fax: +1 813 626 1663  
[www.aptim.com](http://www.aptim.com)

December 1, 2022

**APTIM Project No. TBD**

Mr. Brian W. Pickard, PE  
Director of Operations and Engineering  
Tampa Hillsborough County Expressway Authority  
1104 E. Twiggs Street, Suite 300  
Tampa, Florida 33602

**Re: Scope of Services for  
Limited Level II Impact to Construction Contamination Assessment  
South Selmon Expressway (SR 618) Viaduct Right-of-Way (ROW)  
From N 12th Street to N 19th Street  
Tampa, Hillsborough County, Florida  
THEA Contract Number O-1422**

Dear Mr. Pickard:

Aptim Environmental & Infrastructure, LLC (APTIM) is pleased to present this scope of work and cost proposal for a Limited Level II Impact to Construction Contamination Assessment at the Selmon Expressway [State Road (SR) 618] Viaduct Right-of-Way (ROW) from N. 12th Street to N. 19th Street in Tampa, Hillsborough County, Florida.

APTIM was requested by THEA to assess potential contamination in the SR 618 viaduct ROW between N 12th St and N 19th St in preparation for constructing an activities area for the local community. For ease of sampling and to adequately assess the SR 618 ROW for the contaminants of concern, the corridor will be divided into four "Zones" as follows:

- **Zone 1:** N 12th St to Channelside Drive
- **Zone 2:** Channelside Drive to N 14th St
- **Zone 3:** N 14th St to N 17th St
- **Zone 4:** N 17th St to N 19th St

Aerial maps of the area with a proposed soil boring/sampling plan are provided in **Attachment A**. Based on a cursory desktop review of available contamination-related regulatory files of the area of concern, multiple properties regulated by the Florida Department of Environmental Protection (FDEP) and Environmental Protection Commission of Hillsborough County (EPCHC) exist along the project corridor including Brownfield Areas and Sites with Institutional Controls, Petroleum Storage Tank Contamination Monitoring (STCM) sites, and FDEP Cleanup Sites with ongoing Remedial Action.

As part of the proposed Level II assessment, APTIM will identify, evaluate, and prepare recommendations for THEA concerning potential hazardous waste and pollutants along the project corridor associated with the proposed site improvements per Part 2, Chapter 20 of the PD&E Guidelines Manual and guidance from the FDEP Contaminated Site Cleanup Criteria - Site Assessment per Chapter 62-780.600, Florida Administrative Code (FAC). The contamination assessment will include, but will not be limited to, the following tasks:

- Prepare a site-specific health and safety plan to ensure a safe working environment. Provide 40-hr Occupational Safety and Health Administration (OSHA)-trained personnel for performance of all field activities.
- Request utility mark-outs (i.e., setbacks, stations, and vertical and horizontal elevations) from the prime contractor or arrange with a utility locator service to identify and adequately mark all underground utilities in the areas where subsurface investigation will occur, when necessary.
- Coordinate site activities with the THEA and General Engineering Contractor (GEC) as needed to obtain the necessary site access permits in order to complete assessment tasks. Coordinate and plan Maintenance of Traffic as needed to complete assessment tasks. Conduct site visits as needed for assessment preparation.
- Advance up to one hundred and nine (109) borings at approximately 40 to 50 ft spacing along the corridor. The approximate locations of the borings/samples to be collected at the subject area are described in the sampling plan figures in **Attachment A**. The locations of these borings may be adjusted during the field work by the onsite scientist/geologist as needed based on site conditions and/or observed visual signs of potential contamination.
- Utilizing direct-push technology (DPT) and hand augers, advance each boring to 1 foot below the water table surface or up to 15 feet below land surface. As required for utility clearance, hand auger each boring to at least 5 ft bls prior to using machinery.
- Screen the soil at each boring location at 12-inch (in) depth intervals to the depth of the water table with an organic vapor analyzer/photovac flame-ionization (OVA/PID) detector in accordance with Rule 62-770.200(12), Florida Administrative Code. Record the net resultant hydrocarbon vapor concentration.
- Collect up to twenty-six (26) soil samples for laboratory analyses of parameters consistent with known or suspected contaminants of concern for the regulated sites specified for each Zone in **Attachment A** as listed in Rule 62-780.900, F.A.C:
  - Up to four (4) soil samples for Beryllium
  - Up to four (4) soil samples for Aluminum
  - Up to twenty-six (26) soil samples for Table D Used Oil Group (including OC Pesticides and PCBs)
  - Up to eighteen (18) soil samples for 8 RCRA Metals

Laboratory soil sample depth will be field-determined and representative of soils exhibiting elevated hydrocarbon vapor concentration based on field-screening results, soil staining or odor, contact with buried solid waste, suspect spills, or other surface soil impacts.

- Construct up to twelve (12) temporary wells in the soil borings at depths up to 15 ft bls at field-determined locations. Collect groundwater samples from the temporary wells for laboratory

analyses of parameters consistent with known or suspected contaminants of concern for the regulated sites specified for each Zone in **Attachment A** as listed in Rule 62-780.900, F.A.C:

- Up to eight (8) groundwater samples for 8 RCRA Metals
- Up to twelve (12) groundwater samples for Table D Used Oil Group (including OC Pesticides and PCBs)
- Up to two (2) groundwater samples for Cyanide
- Up to two (2) groundwater samples for Aluminum
- Up to ten (10) groundwater samples for Sulfate
- Up to four (4) for Hardness as CaCO<sub>3</sub>

Purge the wells in accordance with FDEP Standard Operation Procedures (DEP-SOP-01/001), February 1, 2004. The samples will be collected by low-flow sampling techniques.

- Properly decontaminate tools and equipment before use and between all boring and drilling locations in accordance with the DEP-SOP-01/001.
- Perform work in compliance with Chapter 62-780, F.A.C., “Petroleum Contamination Site Cleanup Criteria” and related or relevant chapters and in compliance with the “FDOT Standard Specifications for Road and Bridge Construction.”
- The field sampling work is estimated to be performed in up to two (2) weeks [ten (10) days] with two (2) personnel and a driller with DPT.
- As requested by the THEA, review construction plans and previous contamination assessments for the referenced corridor. Provide recommendations for additional evaluations, investigations, or remediation activities to be completed prior to or during construction, should they be necessary. Provide and discuss findings of this Limited Level II Impact to Construction Contamination Assessment with THEA, the FDEP and EPCHC as needed to facilitate the intended ROW improvements as they pertain to this assessment.
- Submit a Level II Impact to Construction Report to the THEA. The report will be technically concise and will include data collected, analyses, and recommendations made based on the results of the Level II Assessment. Include graphics, tables, and appendices to completely illustrate the assessment effort. Provide recommendations for additional evaluations, investigations, or remediation activities to be completed prior to or during construction, should they be necessary. Submit one draft report and upon approval, submit one (1) final hard copy and one (1) final electronic copy of the report.

APTIM proposes to complete the described services upon project or contract completion, whichever occurs first, following receipt of authorization by the THEA. The total maximum limiting amount to complete these services is **\$119,536.00**. A description of assigned costs is provided as **Attachment B**. The services will be provided in accordance with the terms and conditions of Contract No. O-1422 between APTIM Environmental & Infrastructure, LLC and the THEA dated October 10, 2022.

APTIM appreciates the opportunity to provide these assessment services on behalf of the THEA. Should you have any questions or need additional information, please contact me at (813) 612-3660.

Sincerely,

**APTIM Environmental & Infrastructure, LLC**

A handwritten signature in blue ink that reads "Kristin M. Dobbins". The signature is fluid and cursive, with the first name "Kristin" being more prominent than the last name "Dobbins".

Kristin M. Dobbins, PE  
Contract Manager

Attachments: Attachment A –Proposed Sample Plan with Figures  
Attachment B – Cost Proposal

pc: LaPamela Bradshaw, APTIM  
APTIM Project File TBD

**ATTACHMENT A**  
**Proposed Sampling Plan**  
**South Selmon Expressway (State Road 618) Viaduct Right-of-Way**  
**From N 12th Street to N 19th Street**  
**Tampa, Hillsborough County, Florida**

Zone	Location	Sites within/near zone	Potential Contamination	Proposed Assessment Work
1	From N 12th St to Channelside Dr	People's Gas System/ Scaglione Property	VOCs, SVOCs, arsenic, cyanide Petroleum	16 soil borings to up to 15 ft bls (~50 ft spacing) -8 borings beneath westbound lanes -8 borings beneath eastbound lanes  4 soil samples (2 under each span) -Used Oil Group (UOG) (Table D parameters)  2 groundwater samples (1 under each span) -UOG -cyanide by Method 9012 -hardness as CaCO3 (one analyses for the zone)
2	From Channelside Dr to N 14th St	Railroad tracks/ North Ybor Channel Brownfields Area/ Detsco Terminal	Arsenic, beryllium, aluminum Sulfate PAHs Petroleum Creosote (soil)	15 soil borings to up to 15 ft bls (~40-50 ft spacing) -7 borings beneath westbound lanes -8 borings beneath eastbound lanes  4 soil samples (2 under each span) -UOG -beryllium and aluminum  2 groundwater samples (1 under each span) -UOG -aluminum -sulfate -hardness as CaCO3 (one analyses for the zone)
3	From N 14th St to N 17th St	North Ybor Channel Brownfields Area/ International Ship Repair/ Detsco Terminal/ Kimmins Contracting Corp/ Sowell Corp	Arsenic, chromium, lead, metals VOCs PAHs Petroleum Sulfate	48 soil borings up to 15 ft bls (~50 ft spacing) -24 borings beneath westbound lanes -24 borings beneath eastbound lanes  12 soil sample (6 under each span) -UOG -8-RCRA Metals  4 groundwater samples (2 under each span) -UOG -8-RCRA Metals -sulfate -hardness as CaCO3 (one analyses for the zone)
4	From N 17th St to N 19th St	North Ybor Channel Brownfields Area/ International Ship Repair/ Former Florida Rock Property/ JH Williams Oil Co./ ICI Paints/ Channelside Holdings (Frm Devoe & Reynolds)/ Sunbank Property/ Adamo Drive Inc.	Arsenic, chromium, lead, metals VOCs PAHs Sulfate Petroleum	30 soil borings up to 15 ft bls (~50 ft spacing) -15 borings beneath westbound lanes -15 borings beneath eastbound lanes  6 soil samples (3 under each span) -UOG -8-RCRA Metals  4 groundwater samples (2 under each span) -UOG -8-RCRA Metals -sulfate -hardness as CaCO3 (one analyses for the zone)
				109 borings, 26 soil samples, 12 GW samples

Zone 1  
N 12th St to  
Channelside Drive

Proposed soil boring location.  
*Analytical samples will be collected based  
on field screening results.*

People's Gas  
System

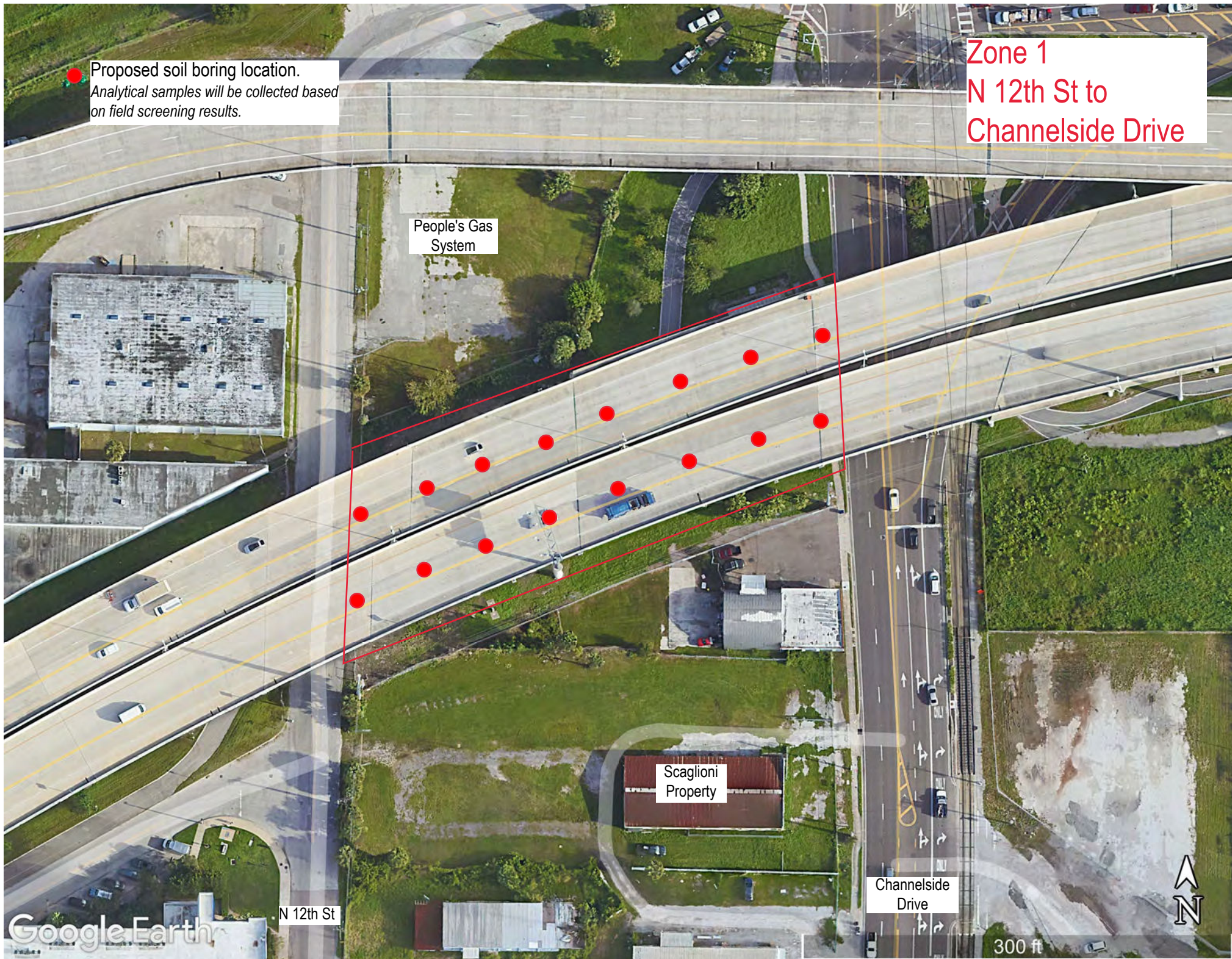
Scaglioni  
Property

Channelside  
Drive

N 12th St

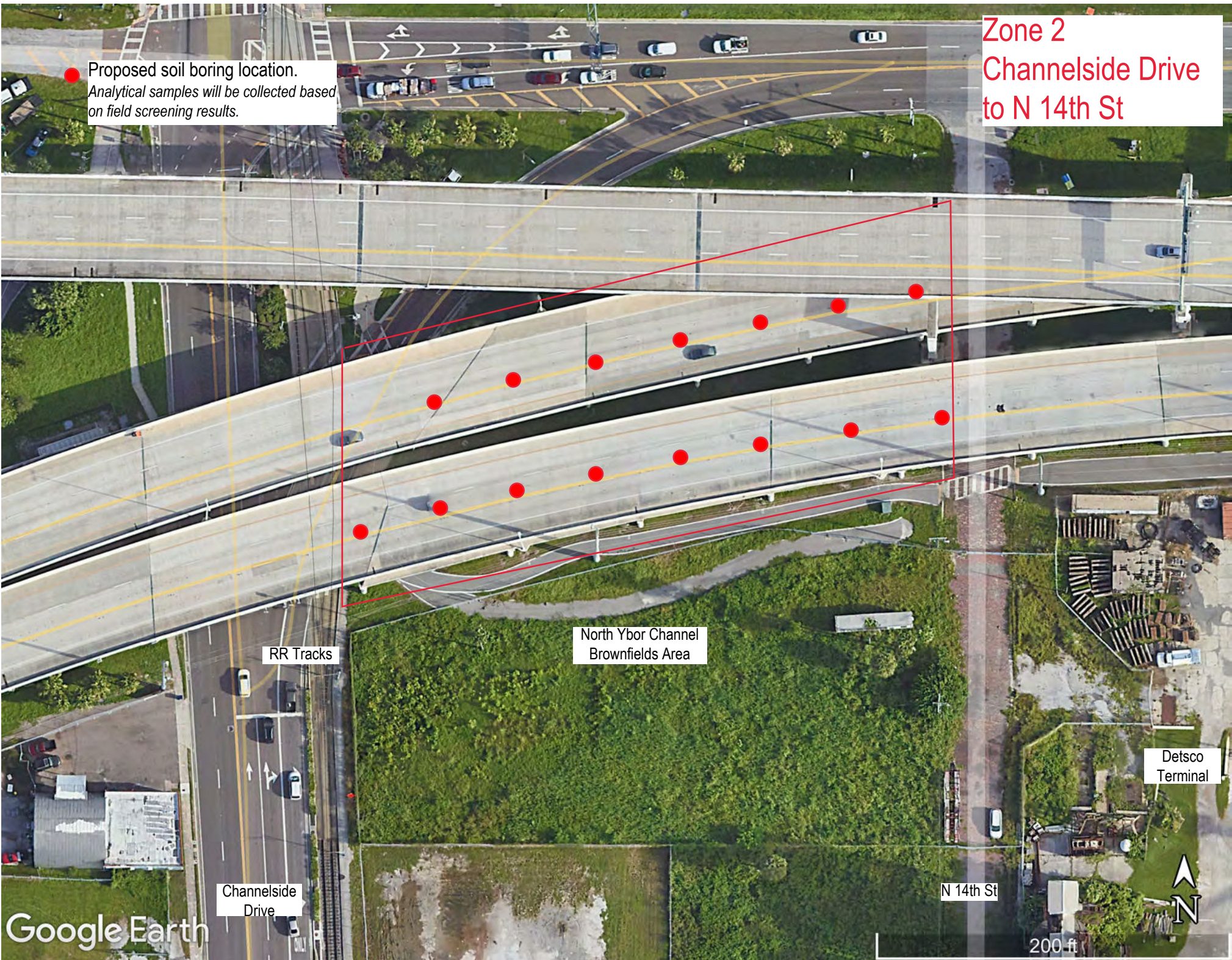
Google Earth

300 ft



Zone 2  
Channelside Drive  
to N 14th St

● Proposed soil boring location.  
Analytical samples will be collected based  
on field screening results.



Google Earth

200 ft

Zone 3  
N 14th St to N 17th St

Sowell Corp

Kimmins  
Contracting Corp

N 14th St

N 17th St

North Ybor Channel  
Brownfields Area

Detsco  
Terminal

International Ship Repair  
& Marine Services

Google Earth

● Proposed soil boring location.  
Analytical samples will be collected based  
on field screening results.

400 ft



Zone 4  
N 17th St to N 19th St

Proposed soil boring location.  
*Analytical samples will be collected based on field screening results.*

Adamo Drive Inc.

N 17th St

JH Williams Oil Co.

North Ybor Channel Brownfields Area

Frm Florida Rock Property

N 19th St

Sunbank Property

International Ship Repair & Marine Services

ICI Paints  
Channelside Holdings



300 ft

## ATTACHMENT B

**Cost Proposal - Maximum Limiting Amount**  
**Limited Level II Impact to Construction Contamination Assessment**  
**South Selmon Expressway (SR 618) Viaduct Right-of-Way (ROW)**  
**From N 12th Street to N 19th Street**  
**Tampa, Hillsborough County, Florida**  
**THEA Contract Number O-1422**

Category	Unit Quantity	Unit Rate (\$)	Total (\$)
<b>Personnel</b>			
Project Manager (including coordination with FDEP, EPCHC, THEA)	80 hours	125.00	10,000.00
Senior Geologist / Engineer (document review, data analysis, report)	80 hours	95.00	7,600.00
Project Geologist (10h x 10 days + prep - 4 hours)	104 hours	65.00	6,760.00
Staff Geologist/Scientist (10h x 10 days + 4 hrs utility mark out)	104 hours	65.00	6,760.00
Technician (Driller x 2)	200 hours	40.00	8,000.00
Technical Illustrator	4 hours	60.00	240.00
Clerical	20 hours	55.00	1,100.00
Field Clerk/Typist	8 hours	55.00	440.00
Safety Engineer	4 hours	60.00	240.00
<b>Subtotal - Personnel</b>			<b>\$41,140.00</b>
<b>Reproduction</b>			
Letter Size Paper (8-1/2" x 11")	2,000 sheets	0.15	300.00
B Size Paper (11" x 17")	100 sheets	0.35	35.00
<b>Subtotal - Reproduction</b>			<b>\$335.00</b>
<b>Travel</b>			
Mileage (including fuel costs for equipment & personnel mobilizations)	200 miles	0.445	89.00
<b>Subtotal - Travel</b>			<b>\$89.00</b>
<b>Drilling</b>			
Drill Rig - Mob/ DeMobe	4 ea	500.00	2,000.00
Soil Borings (109 x 15 feet)	1,635 foot	15.00	24,525.00
Geoprobe 66DT Drilling Rig or equivalent	10 day	1,800.00	18,000.00
Well Development	12 each	65.00	780.00
<b>Subtotal - Drilling</b>			<b>\$45,305.00</b>
<b>Equipment</b>			
Truck, 4 Wheel Drive	2 week	280.00	560.00
Truck, 4 Wheel Drive (1 day - utility locates mark-out)	1 day	70.00	70.00
Hand Augers (2 x 2 week)	4 week	60.00	240.00
Portable Eye Wash	2 week	40.00	80.00
Barricades - Type III (MOT equipment x 2 weeks)	100 weeks	4.00	400.00
Photoionization Detector (PID)	2 week	184.00	368.00
Communication Devices / Portable Radio (3 x 2 weeks)	6 week	80.00	480.00
Cooler (Water) (2 x 2 week)	4 week	20.00	80.00
Water Level Indicator	2 week	80.00	160.00
Low-flow Purge & Sampling Apparatus	2 week	640.00	1,280.00
2" Peristaltic Pump	2 week	24.00	48.00
<b>Subtotal - Equipment</b>			<b>\$3,766.00</b>

## ATTACHMENT B

Cost Proposal - Maximum Limiting Amount  
 Limited Level II Impact to Construction Contamination Assessment  
 South Selmon Expressway (SR 618) Viaduct Right-of-Way (ROW)  
 From N 12th Street to N 19th Street  
 Tampa, Hillsborough County, Florida  
 THEA Contract Number O-1422

Category	Unit Quantity	Unit Rate (\$)	Total (\$)
<b>Expendables and Miscellaneous (E&amp;M)</b>			
16-Ounce Sample Jars	500 each	2.50	1,250.00
2-inch diameter PVC well Casing (5 ft section x 12 wells)	12 each	12.00	144.00
2-inch diameter PVC well Screen (5 ft section x 2 x 12 wells)	24 each	18.00	432.00
Safety Goggles	4 pairs	5.00	20.00
Gloves, Sample (125 pair/box x 4 boxes)	500 pairs	0.75	375.00
Dry ice (wet ice) ( 5 lb bags sample cooler + water cooler)	100 lb	5.00	500.00
Dry ice (water - 16 oz bottles - 24 bottles/case x 10 day)	240 lb	5.00	1,200.00
Fungicide/Sanitizer (SkockWave or equiv.)	2 pint	10.00	20.00
Duct Tape (Aluminum foil)	2 rolls	7.00	14.00
Trash Bags	2 box	10.00	20.00
<b><i>Subtotal - E&amp;M</i></b>			<b>\$3,975.00</b>
<b>Analytical</b>			
<b>Soils - Normal Turnaround</b>			
Used Oil Group (Table K, Exhibit C) (excludes PCBs, OC Pesticides)	26 each	490.00	12,740.00
Organochlorine Pesticides & PCBs	26 each	100.00	2,600.00
Beryllium	4 each	9.00	36.00
Aluminum	4 each	9.00	36.00
8 RCRA Metals	18 each	75.00	1,350.00
<b>Groundwater - Normal Turnaround</b>			
Used Oil Group (excluding PCBs, OC Pesticides)	12 each	490.00	5,880.00
Organochlorine Pesticides & PCBs	12 each	100.00	1,200.00
Cyanide	2 each	33.00	66.00
Aluminum	2 each	9.00	18.00
8 RCRA Metals	8 each	75.00	600.00
Sulfate Containing (Sulfate)	10 each	30.00	300.00
Hardness (CaCO3)	4 each	25.00	100.00
<b><i>Subtotal - Analytical</i></b>			<b>\$24,926.00</b>
<b><i>TOTAL Maximum Limiting Estimate</i></b>			<b>\$119,536.00</b>

**CONTRACT RENEWAL and  
EXPIRATION REPORT  
( > \$30,000)**

Report month: December 2022

Project Manager	Firm	Description of Services	Contract Effective Date	Contract Expiration Date	Term of Contract (Years)	Bid / Renew / End
Judith/ Brian	A-Stellar	MAINTENANCE & LANDSCAPING SERVICES	7/1/2017	6/30/2023	5 Years + 2 additional one-year renewal option	<b>Renew</b> (2nd year renewal ~7/1/23 - 7/1/24)
Judith/ Brian	Ferrovia	ASSET MANAGEMENT SERVICES	7/1/2017	6/30/2023	5 Years + 2 additional one-year renewal option	<b>Renew</b> (2nd year renewal ~7/1/23 - 7/1/24)
Bob	Evolve	MISCELLANEOUS EMERGING TECHNOLOGY SERVICES	6/27/2019	6/26/2023	3 Years + 2 additional one-year renewal option	<b>Renew</b> (2nd year renewal ~6/26/23 - 6/26/24)
Bob	Transportation Policy Consultant	General Consulting Services	8/11/2021	6/30/2023	As-needed basis for the period of effective date of this Contract to June 30,2023	<b>Expiration</b>