



Submitted by:



March 4, 2024

## TITLE

Professional Engineering Services - Continuing Services Contracts for the City of North Port Public Works

## PROPOSAL NUMBER

RFP: 2024-14

## LEGAL NAME OF FIRM

Hardesty & Hanover, LLC

## POINT OF CONTACT

Steven Nappi, PE

Tel: 941.979.5476

Cell: 239.229.5853

Fax: N/A

Email: [snappi@hardestyhanover.com](mailto:snappi@hardestyhanover.com)

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**Professional Engineering Services**  
**Continuing Services Contracts**  
***RFP No. 2024-14***

**Tab 1**

Transmittal Letter



5110 Eisenhower Boulevard  
Suite 310  
Tampa, FL 33634  
T: 813.749.0823  
www.hardestyhanover.com

March 1, 2024

Ginny Duyn, CPPB  
Senior Purchasing Administrator  
City of North Port  
4970 City Hall Boulevard  
Suite 337  
North Port, FL 34286

**Re: Professional Engineering Services - Continuing Services Contracts for City of North Port Public Works (RFP 2024-14)**

Dear Ms. Duyn:

The City of North Port is seeking a team of highly qualified consultants to provide professional quality, technical accuracy, and timely, project delivery under this continuing services contract. **Hardesty & Hanover, LLC (H&H)** is one of the nation's leading firms with special expertise and extensive experience providing engineering and construction inspection services throughout the nation. H&H is fully committed to the City's mission and goals and offers:

- ▶ **Capability to cover all potential technical disciplines** - H&H has full in-house roadway, structural, mechanical, electrical, and drainage design; traffic operations; permitting; construction engineering and inspection (CEI); bridge inspections; program management; cost estimation; value engineering. We are prepared to handle any foreseeable task order.

At H&H, our mission is to solve complex engineering challenges by applying the very best engineering talent and the latest industry technology. These core attributes grant us an unprecedented ability to retain the industry's most forward thinking, technically skilled talent and to become world-renowned for the depth of our experience and success. ***Since 1995, we have provided continuing services for municipalities, local governments, and state agencies throughout Florida.***

- ▶ **Unparalleled project management** - Our Proposed **Project Manager, Steven Nappi, PE**, located in H&H's Port Charlotte office, has extensive experience successfully managing projects throughout southwest Florida. Steve has 17 years of CEI experience in road and bridge projects in this southwest area and is focused on client satisfaction. Additionally, he has been a resident of North Port since 2006 and understands the City's infrastructure needs. Steve's experience includes working with the City on the US 41 Pedestrian Lighting from Biscayne Drive to North Port Boulevard project. This successful experience has afforded us the opportunity to meet and work with City of North Port staff, while gaining a solid understanding of their contracts. Steve is available to devote the time needed to effectively and efficiently manage any assignment or emergency that may arise from this contract.



- ▶ **Project team** - Our proposed project team consists of professional engineers capable of successfully leading any task assignments.
- ▶ **Subconsultants** -To complement our in-house staff, we added H2R Corp. to provide geotechnical and soil and foundation services. This will ensure our team is available and able to provide the necessary services assigned under this contract.

In this proposal we have provided the information required in the request for proposals (RFP) Part IV. I, Stephan Heimborg, PE, as a firm Principal verify this proposal without collusion with any other person or entity and that we have no conflict of interest.

Our team looks forward to the opportunity to work with the City of North Port. Should you have questions or need additional information, Steve will serve as your single point of contact and can be reached by telephone at 239.229.5853 or by email at [snappi@hardestyhanover.com](mailto:snappi@hardestyhanover.com).

Sincerely,  
**Hardesty & Hanover**

A handwritten signature in blue ink, appearing to read 'Stephan Heimborg', is written over the company name.

Stephan Heimborg, PE  
Principal



**Professional Engineering Services**  
**Continuing Services Contracts**  
***RFP No. 2024-14***

2. Qualifications of Firm

**Tab 2**

Qualifications of the Consultant Firm

# TAB 2: QUALIFICATIONS OF CONSULTANT FIRM

## FIRM OVERVIEW

**H&H** is a renowned engineering firm with 137 years of experience delivering comprehensive solutions to some of the most unique engineering challenges throughout the world. With 32 offices, we employ nearly 600 professionals, including 50 managers, 272 technical professionals, 23 technicians, and 40 support staff. H&H successfully delivers structural, mechanical, electrical, roadway, drainage, and civil engineering; transportation planning; and construction engineering and inspection (CEI) services to public- and private-sector clients, including state departments of transportation; counties and municipalities; airports; toll road agencies; contractors; and other regional, state, and federal agencies.

H&H, a Limited Liability Company (LLC), traces its roots back to a partnership founded by bridge engineer John Alexander Low Waddell in 1887. In the early years, the firm changed names as succeeding partners were added—from Waddell & Harrington to Waddell & Hardesty to Hardesty & Hanover—for more than 130 years we have maintained an unbroken chain of internal ownership and management by engineers. The firm is presently organized as a LLC under Hardesty & Hanover Holding, LLC with two operating entities: Hardesty & Hanover, LLC for design and Hardesty & Hanover Construction Services, LLC for construction engineering and inspection.

H&H understands the importance of a successful deliverable. Measures of success include meeting budget and schedule requirements, as well as providing quality deliverables. H&H is committed to successfully delivering any task assigned to H&H under this Miscellaneous Services contract. We are proud of our ability to manage the entire life cycle of engineering and support services. H&H brings a forward-thinking approach using a proven process and design innovations, so our projects are successfully completed on time, within budget, and are engineered to the highest standards in design, durability, safety, and aesthetic value.

We currently hold miscellaneous/continuing consulting services contracts with Lee, Manatee, and Pinellas Counties. Under these contracts we have provided roadway improvements, for roadway, bridge, and drainage design; trail design; rehabilitation bridges, tunnels, rail/transit, highways, and special structures, including feasibility studies, structure design/rehabilitation, mechanical/electrical services for heavy movable structures; and CEI services.

We have provided roadway and bridge design services in Florida for over 35 years. Historically, H&H projects have incorporated sidewalks and bicycle lanes into 3R, operational and capacity projects as well as various types

of bridges. More recently, our team has completed several roadway improvement projects in Manatee County, including 27th Street and Honore Avenue Improvement projects.

H&H's multi-discipline staff of engineers and architects combine in-depth knowledge of the most current technologies with the firm's historical perspective to develop creative and efficient solutions, which can be successfully implemented in congested urban settings and environmentally sensitive areas.

H&H is routinely requested by clients to provide complete engineering services, from initial inspections to final design, as well as construction services for transportation infrastructure.

H&H's experience includes transportation design and planning throughout the State of Florida. Our current clients include Collier, Hendry, Lee, Manatee, Osceola, Pinellas and Volusia Counties; the Florida Department of Transportation (FDOT) Districts 1, 3, 4, 6, 7, and Florida's Turnpike Enterprise; and the Gasparilla Island Bridge Authority (GIBA). Our specializations related to surface transportation infrastructure include:

- ▶ Stakeholder coordination to develop project requirements.
- ▶ Conceptual design and alternative analysis to support planning, PD&E, and final design efforts.
- ▶ Design decisions based on criteria, constraints, and consensus.
- ▶ Formal PD&E documentation required to meet state and federal processes.
- ▶ Stage construction plans based on financial constraints or institutional responsibilities.
- ▶ Construction documents related to roadway, drainage, signing and pavement markings, miscellaneous structures, and traffic control.

We will provide design services for this contract from our Tampa office located at 5110 Eisenhower Boulevard, Tampa, Florida. CEI services will be provided from our Port Charlotte office located at 950 Tamiami Trail, Port Charlotte, Florida. For this contract, **Steven Nappi, PE**, our proposed Project Manager, will be tasked with ensuring appropriate personnel are notified when tasks are assigned. He will lead all tasks assigned under this contract and will serve as the point of contact.

**Steven Nappi, PE**  
**Contact information**

T: 941.979.5476

C: 239.229.5853

Fax: N/A

E: [snappi@hardestyhanover.com](mailto:snappi@hardestyhanover.com)

[www.hardestyhanover.com](http://www.hardestyhanover.com)



# TAB 2: QUALIFICATIONS OF CONSULTANT FIRM

H&H is FDOT prequalification related to this contract are shown in the table below.

H&H FDOT Prequalified Types of Work	
2.0	Project Development and Environment Studies
3.1	Minor Highway Design
3.2	Major Highway Design
3.3	Controlled Access Design
4.1.1	Miscellaneous Structures
4.1.2	Minor Bridge Design
4.2.1	Major Bridge Design - Concrete
4.2.2	Major Bridge Design - Steel
4.2.3	Major Bridge Design - Segmental
4.3.2	Complex Bridge Design - Steel
4.4	Movable Span Bridge Design
5.1	Conventional Bridge Inspection
5.2	Movable Bridge Inspection
5.3	Complex Bridge Inspection
5.4	Bridge Load Rating
6.1	Traffic Engineering Studies
7.1	Signing, Pavement Marking and Channelization
7.2	Lighting
7.3	Signalization
9.4.1	Standard Foundation Studies
10.1	Roadway Construction Engineering Inspection
10.3	Construction Materials Inspection
10.4	Minor Bridge & Miscellaneous Structures CEI
14.0	Architecture

## SUBCONSULTANTS

### H2R Corp (SBE), Materials Testing and Geotechnical

H2R provides a wide range of geotechnical engineering and construction services to a diverse portfolio of public and private clients. H2R provides geotechnical engineering, foundation testing and inspection, subsurface exploration and drilling, specialty construction support and verification, materials testing and inspection services, and CEI support services throughout Florida. Complete field services and accredited laboratory facilities are in the Tampa Bay, Fort Myers, and Ft. Lauderdale/Miami Areas. H2R is a FDOT-certified Small Business Enterprise.

## LICENSE

2/26/24, 8:32 AM		Related License Information				
<b>Licensee</b>						
Name:	<b>HARDESTY &amp; HANOVER, LLC</b>	License Number:	<b>29741</b>			
Rank:	<b>Registry</b>	License Expiration Date:				
Primary Status:	<b>Current</b>	Original License Date:	<b>12/05/2011</b>			
<b>Related License Information</b>						
License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
65981	Current, Active	BLUNI, SEAN A	Registry	12/05/2011	Professional Engineer	02/28/2025

2/26/24, 8:34 AM		Related License Information				
<b>Licensee</b>						
Name:	<b>HARDESTY &amp; HANOVER CONSTRUCTION SERVICES, LLC</b>	License Number:	<b>29740</b>			
Rank:	<b>Registry</b>	License Expiration Date:				
Primary Status:	<b>Current</b>	Original License Date:	<b>12/05/2011</b>			
<b>Related License Information</b>						
License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
65981	Current, Active	BLUNI, SEAN A	Registry	12/05/2011	Professional Engineer	02/28/2025

# ARCHITECT – ENGINEER QUALIFICATIONS

## PART I – CONTRACT SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

**Professional Engineering Services - Continuing Services Contracts for City of North Port**

2. PUBLIC NOTICE DATE

January 31, 2024

3. SOLICITATION OR PROJECT NUMBER

2024-14

### B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Steven Nappi, PE – Project Manager / Regional Manager

5. NAME OF FIRM

**HARDESTY & HANOVER, LLC**

6. TELEPHONE NUMBER

941.979.5476

7. FAX NUMBER

N/A

8. E-MAIL ADDRESS

snappi@hardestyhanover.com

### C. PROPOSED TEAM

*(Complete this section for the prime contractor and all key subcontractors.)*

	<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCON-TRACTOR			
a.	<input checked="" type="checkbox"/>			<b>HARDESTY &amp; HANOVER</b>  <input type="checkbox"/> CHECK IF BRANCH OFFICE	5110 Eisenhower Boulevard Suite 310 Tampa, FL 33634	Project Management; Oversight; Structural Design; Movable Bridge Design; Electrical Design; Mechanical Design; Roadway Design; Load Rating; Temporary Traffic Control; Drainage/ Stormwater/Water Quality; Planning; Environmental; Mapping/GIS; Public Outreach
b.	<input checked="" type="checkbox"/>			<b>HARDESTY &amp; HANOVER</b>  <input type="checkbox"/> CHECK IF BRANCH OFFICE	950 Tamiami Trail Unit 104 Port Charlotte, FL 33953	Construction Management; Construction Engineering and Inspection
c.				<b>H2R Corp</b>  <input type="checkbox"/> CHECK IF BRANCH OFFICE	3921 76th Avenue Pinellas Park, FL 33781	Geotechnical and Soil & Foundations
d.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
g.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
h.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

*(Attached)*

# ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION OR PROJECT NUMBER

2024-14

## PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

### A. CONTRACT INFORMATION

2a. FIRM (or Branch Office) NAME <b>Hardesty &amp; Hanover, LLC</b>			3. YEAR ESTABLISHED 2011	4. UNIQUE ENTITY IDENTIFIER 05-455-2252
2b. STREET 5110 Eisenhower Blvd., Suite 310			5. OWNERSHIP a. TYPE <b>Limited Liability Company</b> b. SMALL BUSINESS STATUS <b>No</b>	
2c. CITY Tampa	2d. STATE FL	2e. ZIP CODE 33634		
6a. POINT OF CONTACT NAME AND TITLE Stephan Heimborg, PE, Principal			7. NAME OF FIRM (If Block 2a is a Branch Office)	
6b. TELEPHONE NUMBER 813.514.4505	6c. EMAIL ADDRESS sheimborg@hardestyhanover.com			
8a. FORMER FIRM NAME(S) (If any) J.A.L. Waddell Waddell & Hardesty <b>Hardesty &amp; Hanover, LLP</b>		8b. YEAR ESTABLISHED 1887 1927 1945		8c. UNIQUE ENTITY IDENTIFIER

4. NAME AND TITLE

### C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	59	2	B02	Bridges	9
06	Architect	7	0		Construction Inspection	8
08	CADD Technician	13	0		Construction Support	6
12	Civil Engineer	44	9	C18	Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting	4
15	Construction Inspector	68	0	E09	Environmental Impact Studies, Assessments or Statements	4
18	Cost Engineer/Estimator	2	0	H01	Harbors; Jetties; Piers; Ship Terminal Facilities	2
21	Electrical Engineer	23	2	H07	Highways; Streets; Airfield Paving; Parking Lots	7
27	Foundation/Geotechnical	16	0	H08	Historical Preservation	2
32	Hydraulic Engineer	2	0	H12	Hydraulics & Pneumatics	3
42	Mechanical Engineer	34	2	L06	Lighting (Ext; Street; Memorials; Ath Fields)	4
57	Structural Engineer	208	13		Movable Bridges	8
47	Planner: Urban/Regional	6	0	P05	Planning (Comm, Regional, Areawide, State)	3
50	Risk Assessor	1	0	P06	Planning (Site, Installation, and Project)	2
60	Transportation Engineer	6	0	S03	Seismic Designs & Studies	2
53	Scheduler	3	0	S05	Soils & Geologic Studies; Foundations	6
62	Water Resources Engineer	4	2	S09	Structural Design; Special Structures	2
	Bridge Inspectors (Structural)	22	0	T03	Traffic & Transportation Engineering	6
	Rail Engineer	16	1	T06	Tunnels & Subways	5
	Other Employees	0	0	U03	Utilities (Gas and Steam)	1
	<b>Total</b>	<b>534</b>	<b>31</b>	V01	Value Analysis; Life-Cycle Costing	2

### 11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	5
b. Non-Federal Work	10
<b>c. Total Work</b>	<b>15</b>

### PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- |   |   |
|---|---|
| 1. Less than \$100,000                  | 6. \$2 million to less than \$5 million   |
| 2. \$100,000 to less than \$250,000     | 7. \$5 million to less than \$10 million  |
| 3. \$250,000 to less than \$500,000     | 8. \$10 million to less than \$25 million |
| 4. \$500,000 to less than \$1 million   | 9. \$25 million to less than \$50 million |
| 5. \$1 million to less than \$2 million | 10. \$50 million or greater               |

### 12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 3/1/2024
c. NAME AND TITLE Stephan Heimborg, PE, Principal	

# ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION OR PROJECT NUMBER

2024-14

## PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

### A. CONTRACT INFORMATION

2a. FIRM (or Branch Office) NAME <b>Hardesty &amp; Hanover, LLC</b>			3. YEAR ESTABLISHED 2011	4. UNIQUE ENTITY IDENTIFIER 05-455-2252
2b. STREET 950 Tamiami Trail, Unit 104			5. OWNERSHIP a. TYPE <b>Limited Liability Company</b> b. SMALL BUSINESS STATUS <b>No</b>	
2c. CITY Port Charlotte	2d. STATE FL	2e. ZIP CODE 21401		
6a. POINT OF CONTACT NAME AND TITLE Stephan Heimborg, PE, Principal			7. NAME OF FIRM (If Block 2a is a Branch Office)	
6b. TELEPHONE NUMBER 941.979.5476		6c. EMAIL ADDRESS sheimborg@hardestyhanover.com		
8a. FORMER FIRM NAME(S) (if any) J.A.L. Waddell Waddell & Hardesty <b>Hardesty &amp; Hanover, LLP</b>		8b. YEAR ESTABLISHED 1887 1927 1945	8c. UNIQUE ENTITY IDENTIFIER	

4. NAME AND TITLE

### C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	59	1	B02	Bridges	9
06	Architect	7	0		Construction Inspection	8
08	CADD Technician	13	0		Construction Support	6
12	Civil Engineer	44	0	C18	Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting	4
15	Construction Inspector	68	9	E09	Environmental Impact Studies, Assessments or Statements	4
18	Cost Engineer/Estimator	2	0	H01	Harbors; Jetties; Piers; Ship Terminal Facilities	2
21	Electrical Engineer	23	0	H07	Highways; Streets; Airfield Paving; Parking Lots	7
27	Foundation/Geotechnical	16	0	H08	Historical Preservation	2
32	Hydraulic Engineer	2	0	H12	Hydraulics & Pneumatics	3
42	Mechanical Engineer	34	0	L06	Lighting (Ext; Street; Memorials; Ath Fields)	4
57	Structural Engineer	208	0		Movable Bridges	8
47	Planner: Urban/Regional	6	0	P05	Planning (Comm, Regional, Areawide, State)	3
50	Risk Assessor	1	0	P06	Planning (Site, Installation, and Project)	2
60	Transportation Engineer	6	0	S03	Seismic Designs & Studies	2
53	Scheduler	3	0	S05	Soils & Geologic Studies; Foundations	6
62	Water Resources Engineer	4	0	S09	Structural Design; Special Structures	2
	Bridge Inspectors (Structural)	22	0	T03	Traffic & Transportation Engineering	6
	Rail Engineer	16	0	T06	Tunnels & Subways	5
				U03	Utilities (Gas and Steam)	1
	Other Employees	0	0	V01	Value Analysis; Life-Cycle Costing	2
	<b>Total</b>	<b>534</b>	<b>10</b>			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	5
b. Non-Federal Work	10
c. Total Work	15

#### PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- |   |   |
|---|---|
| 1. Less than \$100,000                  | 6. \$2 million to less than \$5 million   |
| 2. \$100,000 to less than \$250,000     | 7. \$5 million to less than \$10 million  |
| 3. \$250,000 to less than \$500,000     | 8. \$10 million to less than \$25 million |
| 4. \$500,000 to less than \$1 million   | 9. \$25 million to less than \$50 million |
| 5. \$1 million to less than \$2 million | 10. \$50 million or greater               |

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 3/1/2024
c. NAME AND TITLE Stephan Heimborg, PE, Principal	



**ARCHITECT-ENGINEER QUALIFICATIONS**

1. SOLICITATION NUMBER (If any)

**PART II - GENERAL QUALIFICATIONS**

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (or Branch Office) NAME: H2R Corp
2b. STREET: 3921 76th Ave
2c. CITY: Pinellas Park
2d. STATE: FL
2e. ZIP CODE: 33781
3. YEAR ESTABLISHED: 2016
4. UNIQUE ENTITY IDENTIFIER:
5. OWNERSHIP: a. TYPE: S Corp; b. SMALL BUSINESS STATUS: SBE
6a. POINT OF CONTACT NAME AND TITLE: Stan Delmas, Senior Project Manager/Engineer
6b. TELEPHONE NUMBER: 561.827.0900
6c. E-MAIL ADDRESS: drancman@h2rcorp.com

8a. FORMER FIRM NAME(S) (If any): Gannett Fleming, Inc. 2009 - 2016, Williams Earth Sciences 1992 -2009, Williams & Associates 1972 - 1992
8b. YEAR ESTABLISHED: 1972
8c. UNIQUE ENTITY IDENTIFIER:

Table with 2 main sections: 9. EMPLOYEES BY DISCIPLINE and 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS. Includes columns for Function Code, Discipline, Number of Employees, Profile Code, Experience, and Revenue Index Number.

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS. Includes sub-section for PROFESSIONAL SERVICES REVENUE INDEX NUMBER with 10 categories from less than \$100,000 to \$50 million or greater.

**12. AUTHORIZED REPRESENTATIVE**

The foregoing is a statement of facts.

a. SIGNATURE: [Signature]
b. DATE: 02.26.2024
c. NAME AND TITLE: David Rancman, President/ CEO



**Professional Engineering Services**  
**Continuing Services Contracts**  
***RFP No. 2024-14***

**Tab 3**

**Qualifications of the Project Team/  
Project Manager Experience**

# TAB 3: PROJECT TEAM/PROJECT MANAGER EXPERIENCE

For this contract, it is our understanding that the City of North Port requires a consultant team that:

- ▶ Understands the goals of providing staff to complete any given assignment.
- ▶ Has experience in emerging technologies.
- ▶ Provides innovative and sensible alternatives to address constrained conditions.
- ▶ Provides a proven approach that meets safety, traffic operations, and constructability requirements.
- ▶ Has delivered well-coordinated, multi-discipline plans.

H&H has assembled an impressive team with specific experience in the services required to meet the City's objectives and needs for this contract. These services will be provided by experienced professionals who are proficient in the technical aspects of their work areas and have worked together over the years. Our Team will effectively and efficiently combine their individual efforts into a single work product. Standard Form 330 Resumes appear at the end of this section.

## PROJECT MANAGER

H&H's Project Manager, **Steven Nappi, PE**, is known for his "hands-on" project management style, making him well versed in the technical aspects of his projects. He has 17 years of construction engineering experience throughout southwest Florida working for various clients, including City of North Port; FDOT District 1; Collier, Hendry, Lee, and Miami-Dade Counties; and GIBA. Regardless of the size or complexity of the project, he always delivers and ensures client satisfaction by maintaining a heavy focus on client needs and cost and time overruns. Steve has a very impressive resume of road and bridge projects he has managed for previous clients. Steve's understanding of the City's processes and procedures, coupled with his knowledge of the interrelationships between construction in the real world and design will assist him in observing technical issues and fatal flaws early—saving time and money.

## TEAM MEMBERS

H&H's key project team members, their individual roles, and qualifications for this contract is provided below and on our SF 330, Part E resumes starting on page 12. We understand project success starts with the professionals assigned to the project. With this in mind, our team's Key Team members were chosen because they:

- ▶ **Demonstrate Reliability.** These individuals get the work done to meet the client's schedules.

- ▶ **Communicate Effectively.** These individuals express their thoughts and ideas with respect for others and for the work of the Team.
- ▶ **Listen Actively.** Good listeners are essential for teams to function effectively. Team members must consider ideas and points of view from each facet of the process.
- ▶ **Function as an Active Participant.** Key team members come prepared for meetings to actively discuss the issues to be resolved.
- ▶ **Share Information.** Key team members take the initiative to keep others informed on the project.
- ▶ **Cooperate.** An effective team works well with others to complete a project.
- ▶ **Exhibits Flexibility.** Projects often deal with changing conditions and key team members have the ability to be flexible and compromise for the success of the project.
- ▶ **Shows Commitment.** A strong team cares about their work and the final delivery to the client.

## Key Team Members

**Stephan Heimberg, PE, Principal-in-Charge.** Stephan has 38 years of engineering and design experience in the transportation industry. His key design experience has included roadway, drainage, toll systems, and traffic control design for arterial highways, and limited/controlled access facilities and minor roadways. This diverse experience contributed to his ability to design, manage, and direct engineering studies and roadway design plans.

**Brendan J. O'Shea, PE, QA/QC.** Brendan has 40 years of diverse engineering and construction management experience in positions of increasing responsibility. He has worked on a wide variety of transportation projects including new bridge construction, roadway, and bridge rehabilitation, HMA paving, bridge painting, and facility renovations. Mr. O'Shea has a proven ability to manage challenging projects and extensive experience supervising technical personnel in several engineering disciplines.

**James Phillips, PE, QA/QC.** Jim will lead the quality control and quality assurance activities for structures. Jim is an industry-recognized bridge engineering expert with 42 years of engineering experience in design, studies, and analysis for bridges of all sizes and complexities. He is responsible for technical direction, project management, and engineering for fixed and movable bridge studies, design and rehabilitation projects including bridge architecture, structural, mechanical, and hydraulic elements. He is a Certified Fluid Power Specialist and Certified Fluid Power Engineer.

## TAB 3: PROJECT TEAM/PROJECT MANAGER EXPERIENCE

**J. Webb Jones, PE, QA/QC.** Webb will lead the quality control and quality assurance activities for roadway and traffic control. Webb has 26 years of engineering and design experience including extensive experience in roadway, signing and pavement marking, and traffic control design for minor roadways, arterial highways, and controlled access facilities.

**Robert Hideck, PE, Roadway Lead.** Robb has 21 years of roadway engineering experience. His roadway engineering experience includes conceptual, preliminary, and final design of limited-access highways; interchange design; and widening realignments for urban and rural roads. He has expertise in the preparation of construction plans including horizontal and vertical design, cross sections, typical sections, temporary traffic control plans, and signing and pavement marking plans. Robb is the roadway and TTC lead for FDOT D1's SR 789 (Little Ringling) Bird Key Drive to Sarasota Harbor West PD&E and Design in Sarasota County. Additionally, he is the Project Manager for Manatee County's 27th Street East and Honore Avenue at Cooper Creek Boulevard roadway improvements.

**Jason Dunn, PE, CPM, ENV SP, Drainage Lead.** Jason has 22 years of experience providing drainage, permitting, and stormwater management design services. He has served as lead drainage engineer and/or drainage engineer of record (EOR) on a variety of projects for FDOT; Florida's Turnpike Enterprise; and Hillsborough, Manatee, Pinellas, and Sarasota Counties. Jason is proficient with environmental permitting research, rules and regulations, and acquiring permits from SWFWMD, FDEP, and USACE. His expertise includes stormwater modeling, stormwater treatment, storm sewer systems hydraulics, floodplain analysis, conveyance design, nutrient loading, and pollutant removal calculations, low impact design and green infrastructure. Jason is the drainage lead for FDOT D1's SR 789 (Little Ringling) Bird Key Drive to Sarasota Harbor West PD&E and Design in Sarasota County. Additionally, he is the Drainage EOR for Pinellas County's Beckett Bridge Replacement and Riverside Drive Drainage Improvements with similar design components to this project.

**Marco Lara, PE, Lead Electrical Engineer.** Marco has 18 years of experience developing industrial control systems, logic development and low and medium voltage power distribution, motor control, and lighting systems for movable bridges. Marco's experience includes numerous similar coastal Florida movable bridges, including the Knox Bascule Bridge and SR 44 Bridge in Volusia County, Treasure Island Bridge in Treasure Island, and the Beckett Bridge in Pinellas County. Marco has been responsible for developing innovative solutions of submarine cable replacements for movable bridges to reduce impacts to wetland areas, minimize disruption to the navigation

channel, eliminate disturbance to the channel bottom and address turbidity concerns. Examples include water-to-water and water-to-land directional bores for movable bridges to allow for future installation of additional cables or replacement of existing cables with minimal environmental impacts.

**Rob Plocica, PE, Lead Mechanical Engineer.** Rob has 23 years of mechanical and structural engineering experience, with a focus on heavy movable structures. He has experience in many project phases, including preliminary and final design, construction support services, construction inspection, cursory and in-depth inspections, studies, peer reviews, and troubleshooting. Rob recently provided emergency engineering services to investigate the root causes of the recurring failure of the main pinion shaft at the Blackburn Point Swing Bridge. He was responsible for mechanical post-design for the rehabilitation of the Hillsborough Avenue Lift Bridge (a historic vertical lift bridge) and adjacent newer bascule bridge for FDOT District 7. His experience involves preparation of calculations, contract drawings and specifications, review of shop drawings, project submittals and installation procedures, responding to RFIs submitted by the contractor, overseeing construction, and generating daily work reports.

**James Newberry, PE, SE, Structures Lead.** James has nearly 18 years of experience in the design, inspection and preparation of plans, specifications, and estimates for fixed and movable bridges. He is currently managing the structural effort for the Gateway Expressway Design/Build project in Pinellas County. The project involved the design on one new interstate bridge, the widening of three other bridges and the design of four toll gantries.

**Calvin Santarelli, Construction Services.** Cal has worked his entire career in CEI, becoming one of the most prolific local CEI employees in the industry. His involvement in nearly all aspects of roadway and bridge projects prepares him well for this assignment. Local knowledge of the subsurface materials and working on Collier County's Package D bridge further proves his success. Cal understands the difficulties with this project and will utilize his contacts to assist in resolving issues.

Based on our staff's past experience, qualifications, and team synergy through previous work assignments, we feel our team is best suited to serve the City on any project. Additionally, our Project Manager/Senior Project Engineer, Steve Nappi, PE, is a long time resident of North Port and understands the challenges the City faces.

The table on the following page indicates each team member and their individual role.



# TAB 3: PROJECT TEAM/PROJECT MANAGER EXPERIENCE

Project Name/Service	Team Member	Role
<b>Drainage/Stormwater Infrastructure</b>		
SWFWMD/USACE permitting assistance for various projects	Jason Dunn, PE, CFM, ENV SP	Permitting
Design services for replacement of Water Control Structures; Stormwater modeling	Jason Dunn, PE, CFM, ENV SP Zachary Gross, PE, CFM	Drainage Engineer Drainage Engineer
NPDES Permitting Assistance	Jason Dunn, PE	Permitting
<b>Roadway and Transportation Infrastructure</b>		
Intersection Control Analysis and Studies; Intersection Improvement Project; Multi-use trails studies and design; Bike lane addition	Robert Hideck, PE Lindsey Skourellos, PE Benjamin Bower, PE	Roadway/Intersection Engineer Roadway/Intersection Engineer Roadway/Intersection Engineer
Bridge Inspections and Condition Reports	Steven Nappi, PE Calvin Santarelli James Newberry, PE	Bridge Inspections Bridge Inspections Bridge Inspections
Bridge Design; Bridge Retrofits	James Newberry, PE, SE Anlun Chen, PE, SE Quinten Ozimek, PE, SE	Bridge/Structural Design Bridge/Structural Design Bridge/Structural Design
<b>Construction Engineering and Inspection</b>		
CEI projects	Steven Nappi, PE Calvin Santarelli	Project Manager/Senior Project Engineer Project Engineer/Senior Inspector Inspection
Project Programming	Steven Nappi, PE	Project Manager
Value Engineering	Jason Dunn, PE	Value Engineer
Soil Foundation Testing	David Rancman, PE (H2R)	Geotechnical Engineer

**RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete on Section E for each key person)

12. NAME <b>Steven Nappi, PE</b>		13. ROLE IN THIS CONTRACT Project Manager / Construction Management Services		14. YEARS EXPERIENCE	
				a. TOTAL 17	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) <b>HARDESTY &amp; HANOVER</b> (Port Charlotte, FL)					
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / Engineering			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer: FL		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Steven Nappi has 17 years of extensive experience in managing and administering road and bridge construction projects for the Florida Department of Transportation (FDOT). With a strong background in structural engineering, he has successfully held positions with increasing levels of responsibility in private- and public-sectors. He recently served as Project Manager/Project Engineer for the City of North Port's US 41 Pedestrian Lighting Construction Engineering and Inspection (CEI) project.					
<b>19. RELEVANT PROJECTS</b>					
a.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Pine Island Causeway Road &amp; Bridge Permanent Repairs – Phased Design-Build   FDOT District 1   Lee County, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED Ongoing	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Senior Project Engineer.</b> This project involves the reconstruction of Pine Island Causeway and Little Pine Island Bridge (FPID 451937-2-52-01). Work includes lining the causeway with a 60-foot cantilevered steel sheet pile wall and the replacement of the Little Pine Island Bridge using accelerated construction methods, including FSBs and two-way one lane traffic.</p>					
b.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Gator Canal Bridge Replacement   Collier County   Naples, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED Ongoing	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Senior Project Engineer</b> for the replacement of a structurally obsolete bridge (#034843) on County Road 846. Responsible for assigning staff to this project and ensuring their satisfactory performance. He attended meetings, visited the site to oversee contractor operations, reviewed schedules, and provided quality assurance oversight for the project. The new bridge is founded on 24-inch piles, with cast-in-place caps and a deck. The new bridge will have 12-foot lanes with 10-foot shoulders on either side and have 3 spans that total 105 feet long. Due to traffic on CR 846 the bridge construction utilized three traffic control phases to maintain the current volume of commuters.</p>					
c.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Golden Gate Parkway over Santa Barbara Canal Bridge Replacement Design-Build   Collier County   Naples, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED Ongoing	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Senior Project Engineer</b> on this project involves the replacement of the bridge crossing the Santa Barbara Canal on Golden Gate Parkway. This project will replace the existing four-lane structure with a new four lane bridge wide enough to accommodate sidewalks and shoulders. This will allow the removal of two prefabricated steel pedestrian bridges. Drainage installations will also occur under this contract.</p>					
d.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Gasparilla Island Swing Span Design and Miscellaneous Services   Gasparilla Island Bridge Authority (GIBA)   Placida, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED Ongoing	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Swing Span Project Engineer</b> performed CEI on the replacement project and was responsible for construction and administrative aspects of the new bridge. The total bridge replacement length is 678 feet which includes a 219-foot swing span. The fixed portion of the bridge utilizes Florida I-beam girders founded on hammerhead pier caps and cast in place footings with 24-inch precast concrete piles. The new swing span has a 224-foot span. "Fish belly" main girders were used to resemble the old bridge. The new swing pivots on 2 feet, 6 inches bronze and steel spherical discs housed in a pivot box. Eccentric wheel end lift assemblies and span locks are located on the rest piers which raise and center the bridge respectively. Steve continues to perform quarterly inspections of the new swing span and is on call to assist in troubleshooting issues that may arise. Task completed under the miscellaneous contract include: On-Call Assignments for Bridge Issues, New Swing Bridge Quarterly Inspection, Annual Inspection Report Reviews, repair for noise emanating from Bearing Pillow Block, Coating Analysis, and Hurricane Ian Damage Assessment.</p>					
e.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>CEI Sidewalk Construction on Old CR 78 (LAP)   Hendry County   Labelle, FL</b>		ENGINEERING COMPLETED 2021	CONSTRUCTION COMPLETED 2021	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Senior Project Engineer</b> for the sidewalk construction located on Old CR 78 from CR 78 to SR 29 (FPID #435016-1-58-01) in Hendry County. The project included guardrail installation, signing and pavement markings, and curb and gutter. Nicole prepared and distributed meeting agendas and minutes, reviewed and maintained submittal logs, reviewed estimates, and assists with filing.</p>					

**RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete on Section E for each key person)*

12. NAME <b>Stephan Heimborg, PE</b>	13. ROLE IN THIS CONTRACT Principal-in-Charge	14. YEARS EXPERIENCE	
		a. TOTAL 40	b. WITH CURRENT FIRM 15

15. FIRM NAME AND LOCATION *(City and State)*  
**Hardesty & Hanover, LLC** (Tampa, FL)

16. EDUCATION *(DEGREE AND SPECIALIZATION)*  
B.S. / Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*  
Professional Engineer: FL

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
Stephan Heimborg has 40 years of engineering and design experience in the transportation industry. His design experience includes roadway, drainage, tolls, and traffic control design for arterial highways, and minor roadways. This diverse experience contributed to his ability to design, manage, and direct engineering studies and roadway design plans. Stephan’s ability to develop and implement “out of the box” solutions for constrained conditions has served his clients well.

**19. RELEVANT PROJECTS**

TITLE AND LOCATION <i>(City/State)</i> ; BRIEF DESCRIPTION <i>(scope, size, cost, etc.)</i> ; ROLE <b>Transportation-Professional Engineering Services   Pinellas County   Pinellas County, FL</b>	ENGINEERING COMPLETED 2025	CONSTRUCTION COMPLETED N/A
	<input checked="" type="checkbox"/> Check if project performed with current firm	

**Chief Engineer** responsible for project oversight for this is multidiscipline contract providing as-needed services to support Responsible for the replacement design of the Hollin Creek culverts at East Lake Drive. Key challenges included the timely procurement of three environmental permits and maintaining public access to landlocked parcels that would be impacted by a roadway closure. This project was part of a multidiscipline contract providing as-needed services to support Pinellas County as it relates to all infrastructure in the County.

TITLE AND LOCATION <i>(City/State)</i> ; BRIEF DESCRIPTION <i>(scope, size, cost, etc.)</i> ; ROLE <b>East Lake Drive (CR 77) at Hollin Creek Culvert   Pinellas County   Pinellas County, FL</b>	ENGINEERING COMPLETED 2014	CONSTRUCTION COMPLETED 2016
	<input checked="" type="checkbox"/> Check if project performed with current firm	

**Chief Engineer** responsible for project oversight for this is multidiscipline contract providing as-needed services to support Responsible for the replacement design of the Hollin Creek culverts at East Lake Drive. Key challenges included the timely procurement of three environmental permits and maintaining public access to landlocked parcels that would be impacted by a roadway closure. This project was part of a multidiscipline contract providing as-needed services to support Pinellas County as it relates to all infrastructure in the County.

TITLE AND LOCATION <i>(City/State)</i> ; BRIEF DESCRIPTION <i>(scope, size, cost, etc.)</i> ; ROLE <b>Fort Hamer Bridge Approaches, Upper Manatee River Road to Fort Hammer Road   Manatee County   Manatee County, FL</b>	ENGINEERING COMPLETED 2016	CONSTRUCTION COMPLETED 2018
	<input checked="" type="checkbox"/> Check if project performed with current firm	

**Chief Engineer.** Responsible for oversight of roadway and TCP design for over a mile of approach roadway for a new bridge over the Manatee River, connecting Upper Manatee River Road with Fort Hamer Road. The project was designed for stage construction with the two lanes being delivered with initial construction.

TITLE AND LOCATION <i>(City/State)</i> ; BRIEF DESCRIPTION <i>(scope, size, cost, etc.)</i> ; ROLE <b>44th Avenue, E from 45th Street E to 44th Avenue Plaza E, Braden River Segment   Manatee County Government   Manatee County, FL</b>	ENGINEERING COMPLETED 2018	CONSTRUCTION COMPLETED 2018
	<input checked="" type="checkbox"/> Check if project performed with current firm	

**Chief Engineer.** Responsible for oversight of roadway and TCP design. This project includes the design for the reconstruction and extension of 44th Avenue East from 45th Street East to 44th Avenue Plaza East. The design plans include widening from a two-lane roadway to a four-lane divided urban roadway. A new bridge will be designed to cross over the Braden River and the realignment of Morgan Johnson Road and Caruso Road will provide route continuity. Alternative intersection designs, including a roundabout and stage construction were considered.

TITLE AND LOCATION <i>(City/State)</i> ; BRIEF DESCRIPTION <i>(scope, size, cost, etc.)</i> ; ROLE <b>Orlando South Ultimate Interchange   Florida’s Turnpike Enterprise   Orlando, FL</b>	ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED Ongoing
	<input checked="" type="checkbox"/> Check if project performed with current firm	

**Chief Engineer.** Responsible for development and review of project environmental documents. This project includes an evaluation of a complex interchange that provides both direct and indirect ramping between Florida’s Turnpike, the Beachline Expressway, and Orange Blossom Trail. The project goal is improvement of system capacity by adding exclusive high speed system ramps, replacing SR 528 bridges over SR 91 to add lanes on SR 91, and improve arterial operations with revised ramping and open road tolling. The project includes improvements to two Orange County and two FDOT arterials, as well as the construction of a new multilane county road with a new interchange to divert local traffic away from the main interchange.

**RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete on Section E for each key person)

12. NAME <b>Brendan O'Shea, PE, SSPC C-1/C-3</b>	13. ROLE IN THIS CONTRACT QA/QC Constructability Review - Construction	14. YEARS EXPERIENCE	
		a. TOTAL 40	b. WITH CURRENT FIRM 20

15. FIRM NAME AND LOCATION (City and State)  
**HARDESTY & HANOVER** (New York, NY)

16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / Engineering   MEA / Construction Management	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer: FL, IL, NJ, NY, PA, VA, WI
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Brendan O'Shea has 40 years of diverse engineering and construction management experience in positions of increasing responsibility. He has worked on a wide variety of transportation projects including new bridge construction, roadway and bridge rehabilitation, HMA paving, bridge painting, and facility renovations. Mr. O'Shea has a proven ability to manage challenging projects and extensive experience supervising technical personnel in several engineering disciplines. Mr. O'Shea also has experience with vulnerability assessments and security improvements at various facilities.

**19. RELEVANT PROJECTS**

	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE	ENGINEERING COMPLETED	CONSTRUCTION COMPLETED
a.	<b>Resident Engineering Inspection (REI) Services for the Rehabilitation of the West 79th Street Bridge over Amtrak and Rotunda Complex   New York, NY   New York City DOT</b>	Ongoing	Ongoing
	<input checked="" type="checkbox"/> Check if project performed with current firm		
	<b>Project Manager</b> for the rehabilitation of the West 79th Street Traffic Circle structure, which consists of 34 steel spans over the Pedestrian Plaza that carries two traffic lanes. The project work will include the structural rehabilitation and architectural restoration of impacted portions of the plaza, as well as restoration of the fountain. Accessibility to the facility will also be improved by the addition of four ADA-compliant ramps as a part of the rehabilitation project. At the garage level, the connector ramps will be repaired, and stone masonry restored. As with the other areas of the structure, lighting and drainage will be replaced. In addition, the Parks Department operations office will be expanded and upgraded. The project work will also include the removal of the existing concrete deck, and steel superstructure, sidewalks, and the pedestrian safety barrier at the traffic circle level. A new steel superstructure and roadway slab will be provided along with new approach roadways, and the existing stone masonry will be rehabilitated. The new deck will be a NYSDOT standard 9.5-inch concrete slab with integral wearing surface.		
b.	<b>REI for Component Rehabilitation of Eight Bridges   New York, NY   New York City DOT</b>	2022	N/A
	<input checked="" type="checkbox"/> Check if project performed with current firm		
	<b>Project Manager</b> for the rehabilitation of eight bridges in the Bronx, Brooklyn, Queens, and Staten Island: Southern Boulevard Bridge over CSXT Port Morris; Sackett Street Bridge over BQE; 49th Street Bridge over Grand Central Parkway; East 149th Street Bridge over Amtrak / CSXT / P&W; Unionport Road Bridge over Amtrak / CSXT / P&W; Bronx Boulevard Southbound over Bronx River; Bronx Boulevard Northbound over Bronx River; and Arthur Kill Road Bridge over SIRT South Shore. Work involves superstructure replacement, abutment rehabilitation, concrete repair for substructures and underdeck, structural steel repairs, clean and paint steel, bearing replacement, masonry repair and replacement, electrical and lighting repair, and replacement, milling, resurfacing, and waterproofing, joint repair and replacement, work zone traffic control, miscellaneous repairs, clearing and grubbing.		
c.	<b>On-call Construction Administration, Inspection and Support   New York, NY   Triborough Bridge and Tunnel Authority</b>	2021	N/A
	<input checked="" type="checkbox"/> Check if project performed with current firm		
	<b>Project Manager</b> serving as primary point of contact with the client for this On-Call Task Order contract. Providing senior-level oversight of operations including quality assurance and management of staff. Project assignments may include Construction Management and Inspection of bridge, highway, tunnel, and facility projects. H&H is currently performing construction management & inspection for four separate tasks under this agreement: Task 6 – Project No. RKM-351, Bridge Preservation at the Robert F. Kennedy Bridge. This \$3 million construction contract involves cleaning and washing of splash zone areas on the entire bridge structure, cleaning of drainage structures, spot painting cleaning and painting of heavily corroded areas. The contract also involves miscellaneous structural steel repairs/replacement as ordered by the Engineer.		
e.	<b>REI for Madison Avenue Bridge over the Harlem River   New York, NY   New York City DOT</b>	Ongoing	Ongoing
	<input checked="" type="checkbox"/> Check if project performed with current firm		
	<b>Project Manager.</b> Performed shop and field inspections per contract requirements. Shop inspections include witnessing material verification, forging and heat treatment of rough components, ultrasonic and magnetic particle testing of forgings, and destructive testing of test specimen of forgings and castings. Inspection reports are created to track shop work progress and MURK 1 DWRs are produced for field work tracking. Work also includes reviewing and provide comments to change orders and coordinating with client, contractor, and designer to address field conditions to aid in streamlining work.		

**RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete on Section E for each key person)

12. NAME <b>James Phillips, PE</b>		13. ROLE IN THIS CONTRACT QA/QC Constructability Review - Structures		14. YEARS EXPERIENCE	
				a. TOTAL 42	b. WITH CURRENT FIRM 9
15. FIRM NAME AND LOCATION (City and State) <b>HARDESTY &amp; HANOVER</b> (Tampa, FL)					
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer: FL (plus 12 other states)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) James Phillips is an industry-recognized bridge engineering expert with 42 years of engineering experience in design, studies, and analysis for bridges of all sizes and complexities. Mr. Phillips is responsible for technical direction, project management, and engineering for fixed and movable bridge studies, design and rehabilitation projects including bridge architecture, structural, mechanical, and hydraulic elements.					
<b>19. RELEVANT PROJECTS</b>					
a.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Beckett Bridge Replacement   Pinellas County   Tarpon Springs, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED Ongoing	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Project Manager.</b> Responsible for replacement design of an existing historic bridge with a new 360-foot single-leaf, rolling-lift, bascule bridge that carries Riverside Drive over Whitcomb Bayou and features two traffic lanes, shoulders, and a sidewalk. The movable span features steel plate girder main girders and floorbeam and an Exodermic deck that spans longitudinally between floorbeams. The bascule pier footing and approach pier caps feature precast concrete elements to facilitate accelerated bridge construction. Foundations are drilled shafts and pipe piles, designed to accommodate challenging site conditions including a relict sink hole under the bridge. A unique crank arm system drives the movable span, powered by redundant 20 HP electric motors and vector drives. Auxiliary machinery includes tail props and span locks. Project elements included relay-based control system, approximately a quarter mile of roadway, drainage, bridge architecture, and public involvement.</p>					
b.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Jupiter Federal Bridge Replacement   FDOT District 4   Jupiter, FL</b>		ENGINEERING COMPLETED 2020	CONSTRUCTION COMPLETED 2023	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>QA/QC Engineer.</b> Responsible for design quality control and technical oversight in the preliminary and final design phases of this bascule bridge replacement project. Project involves replacement of the US 1/SR 5 Jupiter Federal Bridge with a new bridge featuring a twin, double-leaf trunnion bascule span over the Atlantic Intracoastal Waterway. Responsible for QC review the Bridge Development Report and QC of the hydraulic drive system design calculations and drawings. Also participated in the Risk Assessment Workshop.</p>					
c.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>SR 968/SW 1st Street Bridge Over Miami River   FDOT District 6   Miami, FL</b>		ENGINEERING COMPLETED 2017	CONSTRUCTION COMPLETED 2017	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>QA/QC Engineer.</b> Responsible for design oversight; peer review of the structural concept; and quality control of the drive machinery, trunnion assemblies, and span locks for the replacement of this nationally registered historic bridge. The 507-foot-long bridge includes a double-leaf bascule span, 240 feet long between trunnions, over a 125-foot-wide navigation channel. 4,000-kip bascule span features an Exodermic concrete deck, simple trunnions with plain journal bearings, and a 150-HP electro-mechanical drive system.</p>					
d.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>District Seven Movable Bridge Work Program Evaluation   West Central Florida   FDOT District 7</b>		ENGINEERING COMPLETED 2016	CONSTRUCTION COMPLETED N/A	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Chief Engineer</b> responsible for developing a ten-year work program for 11 movable bridges (10 bascules, 1 vertical lift) owned and operated by FDOT D7. Prepared a condition assessment of each bridge based upon site reviews, recent bridge inspection reports, prior repair/rehabilitation projects and interviews with maintenance staff. Prepared a report describing the current state of the bridges and providing recommendations for routine and periodic repairs/rehabilitation over the next 10 years. Costs for the recommendations were included in the report.</p>					
e.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Orlando South Ultimate Interchange Improvements (PD&amp;E Study)   Orange County, FL   Florida Turnpike Enterprise</b>		ENGINEERING COMPLETED 2020	CONSTRUCTION COMPLETED N/A	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Chief Structures Engineer.</b> Responsible for concept development and preliminary design of multiple bridges included in improvements to the interchange between the Florida Turnpike and the Beachline Expressway. The project included evaluation of a complex interchange that provides direct and indirect ramping between Florida's Turnpike, the Beachline Expressway, and Orange Blossom Trail. The project goal is improvement of system capacity by adding exclusive high-speed system ramps, replacing SR 528 bridges over SR 91 to add lanes on SR 91, and improve arterial operations with revised ramping and open road tolling. Additional express lanes, as well as express direct connection ramps are also being considered. The project includes eight AET facilities. The entire study involved preliminary design multiple exits, entrance ramps, CD roads, requiring new construction or widening of over 30 bridge structures.</p>					

**RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete on Section E for each key person)

12. NAME <b>J. Webb Jones, PE</b>	13. ROLE IN THIS CONTRACT QA/QC Constructability Review - Roadway	14. YEARS EXPERIENCE	
		a. TOTAL 27	b. WITH CURRENT FIRM 10

15. FIRM NAME AND LOCATION (City and State)  
**Hardesty & Hanover, LLC**(Tampa, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION)  
**B.S. / Civil Engineering**

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
**Professional Engineer: FL**

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Webb Jones has 27 years of engineering and design experience in the transportation industry. His extensive transportation design experience includes roadway, signing and pavement marking, and traffic control design for minor roadways, arterial highways, and controlled access facilities. As a senior engineer, Webb has held key project roles including Project Engineer, Team Leader, Engineer of Record, Design Group Manager, and Project Manager.

**19. RELEVANT PROJECTS**

TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Transportation-Professional Engineering Services   Pinellas County   Pinellas County, FL</b>	ENGINEERING COMPLETED 2025	CONSTRUCTION COMPLETED N/A
	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<b>Senior Engineer/Quality Control.</b> Responsible for quality control review of design plans, and engineering supervision. This is multidiscipline contract providing as-needed services to support Pinellas County as it relates to all infrastructure in the County. This contract requires coordination with multiple agencies, consultants, and other stakeholders during a task assignment. Tasks have included analysis and plans preparation of drainage improvements and erosion repair.	

**Senior Engineer/Quality Control.** Responsible for quality control review of design plans, and engineering supervision. This is multidiscipline contract providing as-needed services to support Pinellas County as it relates to all infrastructure in the County. This contract requires coordination with multiple agencies, consultants, and other stakeholders during a task assignment. Tasks have included analysis and plans preparation of drainage improvements and erosion repair.

TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Districtwide Interstate Program Manager (IPM)   FDOT District 4   Districtwide, FL</b>	ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED N/A
	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<b>Senior Engineer.</b> Responsible for concept development and review of plans. This multi-discipline, indefinite quantity contract provided as-needed services to support the Florida DOT work program for all interstate highway improvements in the five-county FDOT District region. The geographic limits include over 150 miles of I-275, I-4, and I-75 and key contributing arterials.	

**Senior Engineer.** Responsible for concept development and review of plans. This multi-discipline, indefinite quantity contract provided as-needed services to support the Florida DOT work program for all interstate highway improvements in the five-county FDOT District region. The geographic limits include over 150 miles of I-275, I-4, and I-75 and key contributing arterials.

TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Beckett Bridge Replacement   Pinellas County Government   Tarpon Springs, FL</b>	ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED
	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<b>Roadway Engineer of Record.</b> Responsible for the roadway design, traffic control plans, and signing and pavement marking. The new 360-foot-long bridge carries Riverside Drive over Whitcomb Bayou and features two traffic lanes, shoulders, and a sidewalk. The main span is a single-leaf, rolling-lift, bascule bridge with a length of 39 feet. Project design elements include: structural, roadway, drainage, lighting, traffic control, utility coordination, bridge architecture, and public involvement.	

**Roadway Engineer of Record.** Responsible for the roadway design, traffic control plans, and signing and pavement marking. The new 360-foot-long bridge carries Riverside Drive over Whitcomb Bayou and features two traffic lanes, shoulders, and a sidewalk. The main span is a single-leaf, rolling-lift, bascule bridge with a length of 39 feet. Project design elements include: structural, roadway, drainage, lighting, traffic control, utility coordination, bridge architecture, and public involvement.

TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>US 19 (SR 55) from North of SR 580 (Main Street) to Northside Drive   Pinellas County, FL   Florida DOT District 7</b>	ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED
	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<b>Senior Engineer</b> responsible for the QA/QC of the temporary traffic control plan design concepts and final plans for a portion of this project. This 1.05-mile section of roadway is being converted from an existing eight-lane divided arterial roadway to six-lane, plus an auxiliary lane, divided highway into a six-lane controlled roadway access and two-lane frontage roads in both directions that run parallel to US 19.	

**Senior Engineer** responsible for the QA/QC of the temporary traffic control plan design concepts and final plans for a portion of this project. This 1.05-mile section of roadway is being converted from an existing eight-lane divided arterial roadway to six-lane, plus an auxiliary lane, divided highway into a six-lane controlled roadway access and two-lane frontage roads in both directions that run parallel to US 19.

TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>SR 91 and SR 528 Interchange (from MP 253 TO S. of Sand Lake Road (MP 257.25) Design   Orange County, FL   Florida's Turnpike Enterprise</b>	ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED
	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<b>Project Manager</b> responsible for the design of this complex interchange. H&H is the prime consultant for this complex 4-level interchange in an urban constrained environment. The project includes new direct systems ramps, braided ramps, a relocation of SR 528, and modifications to adjoining interchanges, including a Diverging Diamond interchange on Consulate Drive. As part of the design development, the design team worked closely with Turnpike traffic engineers to refine the design to include: an additional southbound Collector Distributor Road to relocate weaving from the mainline; reconfiguration of a low-volume ramp to economize the design; and development of a 3-project phasing plan to deliver incremental improvements. In addition to managing the design of the project, H&H is responsible for roadway, bridge, drainage signing and pavement markings, and toll design, which included five new All Electronic Tolling Sites.	

**Project Manager** responsible for the design of this complex interchange. H&H is the prime consultant for this complex 4-level interchange in an urban constrained environment. The project includes new direct systems ramps, braided ramps, a relocation of SR 528, and modifications to adjoining interchanges, including a Diverging Diamond interchange on Consulate Drive. As part of the design development, the design team worked closely with Turnpike traffic engineers to refine the design to include: an additional southbound Collector Distributor Road to relocate weaving from the mainline; reconfiguration of a low-volume ramp to economize the design; and development of a 3-project phasing plan to deliver incremental improvements. In addition to managing the design of the project, H&H is responsible for roadway, bridge, drainage signing and pavement markings, and toll design, which included five new All Electronic Tolling Sites.

**RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete on Section E for each key person)

12. NAME <b>James Newberry, PE, SE</b>		13. ROLE IN THIS CONTRACT Structural Design		14. YEARS EXPERIENCE	
				a. TOTAL 17	b. WITH CURRENT FIRM 7
15. FIRM NAME AND LOCATION (City and State) <b>HARDESTY &amp; HANOVER</b> (Tampa, FL)					
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / Civil Engineering   M.S. / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer: FL; Structural Engineer: IL		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) James Newberry has 17 years of structural engineering experience. He is responsible for engineering analysis and design, drafting and plans production, design reviews for third party projects, QA/QC, and post-design review of technical submittals, including shop drawings.					
<b>19. RELEVANT PROJECTS</b>					
a.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Beckett Bridge Replacement   Pinellas County Tarpon Springs, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Structural Engineer.</b> Responsible for the replacement design of an existing historic single-leaf bascule bridge with a new 360-foot-long bridge that includes a single-leaf, rolling-lift, bascule span. The bridge carries Riverside Drive over Whitcomb Bayou and features two traffic lanes and a sidewalk. The movable span is 60 feet, 9 inches long from center of roll to tip of the leaf in the closed position, and features steel plate girder main girders and floorbeam and an Exodermic deck that spans longitudinally between floor beams.</p>					
b.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Gateway Expressway Design-Build   FDOT District 7 Pinellas County, FL</b>		ENGINEERING COMPLETED 2023	CONSTRUCTION COMPLETED Ongoing	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Structural Engineer of Record.</b> Responsible for bridge and toll facility structural design and plans production for the Gateway Express improvement project, which includes new toll facilities and needed limited and controlled access connections from the Bayside Bridge on the north, US 19 on the west and the St. Pete Clearwater International Airport to I-275. For this design-build project H&amp;H is responsible for developing TCPs for Segments 2 and 4; TCP coordination among Segments 1 through 4; tolls design for Segments 1, 2 and 4; and structure designs for four bridges in Segment 4.</p>					
c.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Johns Pass Bridge Rehabilitation   FDOT District 7   Pinellas County, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Project Engineer/Structural Engineer of Record</b> for double-leaf trunnion bascule bridge rehabilitation project for SR 699 (Gulf Boulevard) over Johns Pass. Project scope of work for movable span included control house renovations that included replacement of control level doors and windows, roof and gutter repairs, mechanical repairs that included span lock replacement and adjustment of live load shoes, and an extensive electrical rehabilitation including replacement of PLC system CCTV system, control console, and pier-mounted aesthetic lighting.</p>					
d.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>SR 826/Palmetto Expressway Capacity Improvement Design-Build   FDOT District 6   Miami-Dade County, FL</b>		ENGINEERING COMPLETED 2023	CONSTRUCTION COMPLETED Ongoing	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Structural Engineer.</b> Responsible for design, detailing, and plans production of permanent retaining wall systems and bridge substructure elements. Responsible for shop drawing review and coordination. The project scope (FPID 447165-1-52-01) includes improvements in the southbound direction to retrofit the express lane (EL) ingress/egress access points including widening in the northbound direction to correct substandard shoulder width created under the Northbound Express Lanes Interim Improvements project, widening of the NW 103rd St on/off ramps, and a comprehensive milling and resurfacing plan. Furthermore, improvements include the installation of a new Tolling Site along both the northbound and southbound directions.</p>					
e.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>SR 80 (Southern Boulevard) Bridge Replacement   FDOT District 4   West Palm Beach, FL  </b>		ENGINEERING COMPLETED 2019	CONSTRUCTION COMPLETED Ongoing	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Structural Designer</b> involved in QC process for balance calculations of bascule span. H&amp;H is the Specialty Engineer on the project for the replacement of two bridges over the Atlantic Intracoastal Waterway between West Palm Beach and the Town of Palm Beach. The main bridge will be constructed on the same alignment as the existing bridge and will require a two-lane temporary bridge with Acrow approach spans and a vertical-lift main span.</p>					

**RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete on Section E for each key person)

12. NAME <b>Anlun Chen, PE, SE</b>	13. ROLE IN THIS CONTRACT Structural Design	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 6

15. FIRM NAME AND LOCATION (City and State)

**HARDESTY & HANOVER** (Tampa, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION)

B.S. / Civil Engineering | M.S. / Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Professional Engineer: FL; Structural Engineer: IL

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Anlun Chen has six years of experience in structural design and modeling, field reports, as well as inspections and construction management. He has been responsible for shop drawing review and quality control of structural designs for fixed and movable bridge projects. He has also provided load rating calculations.

**19. RELEVANT PROJECTS**

	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE	ENGINEERING COMPLETED	CONSTRUCTION COMPLETED
a.	<b>Beckett Bridge Replacement   Pinellas County Tarpon Springs, FL</b>	Ongoing	
	<b>Structural Engineer.</b> Responsible for foundation design, substructure design, and preparation of design plans for this historic bridge replacement with a new 360-foot single-leaf, rolling-lift, bascule bridge that carries Riverside Drive over Whitcomb Bayou and features two traffic lanes, shoulders, and a sidewalk. Project elements included relay-based control system, approximately a quarter mile of roadway, drainage, bridge architecture, and public involvement.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	<b>Gateway Expressway Design-Build   FDOT District 7 Pinellas County, FL</b>	2023	Ongoing
	<b>Structural Engineer.</b> Responsible for bridge and toll facility structural design and plans production for the Gateway Express improvement project, which includes new toll facilities and needed limited and controlled access connections from the Bayside Bridge on the north, US 19 on the west and the St. Pete Clearwater International Airport to I-275. For this design-build project H&H is responsible for developing TCPs for Segments 2 and 4; TCP coordination among Segments 1 through 4; tolls design for Segments 1, 2 and 4; and structure designs for four bridges in Segment 4.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	<b>SR 5708 (Central Polk Parkway) from SR 570 (Polk Parkway) to SR 35 (US 17)   Florida's Turnpike Enterprise   Polk County, FL</b>	2022	N/A
	<b>Structural Engineer</b> responsible for performing calculation for drilled shaft foundation to support toll gantry upright, plans preparation for toll gantry. The structural design efforts include preparing and optimizing a structural analysis model, selecting various steel and aluminum elements that meet limit state criteria, and providing bolted and welded connections for various elements on the structure. his project consists of 30% design for the roadway, preparation of plans, and project coordination for a six-lane facility from SR 570 (Polk Parkway) to SR 60, which is known as Segments 1 and 2 of the Central Polk Parkway. The tolled roadway includes the design of gantries for All Electronic Toll Collection, as well as the design of one mile of new alignment, over two miles of widening, a new interchange at SR 540 and over two miles of new ramp alignments. At approximately 6.1 miles, the new roadway will be designated as Segments 1 and 2 of the Central Polk Parkway.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	<b>I-275 Tolls (38th Ave N to 4th St N)   FDOT District 7   Pinellas County, FL</b>	Ongoing	
	<b>Project Manager/Tolls Engineer</b> responsible for the Toll Siting Technical Memorandum (TSTM), toll site development and final design plans. This project includes the construction of express lanes along I-275 from north of 38th Avenue North to north of 4th Street North for a total distance of approximately 7.5 miles. H&H is developing toll facility plans, modified special provisions, technical special provisions, reports, and design calculations for five new and one modified toll facilities per the latest GTR.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	<b>Gateway Express Improvements Design-Build   FDOT District 7   Pinellas County, FL  </b>	2023	Ongoing
	<b>Engineering Technician</b> responsible for toll building design, toll gantry design, bridge foundation design, bridge substructure design, design plans preparation, and shop drawing reviews for the Gateway Express improvement project, which includes new toll facilities and needed limited and controlled access connections from the Bayside Bridge on the north, US 19 on the west, and the St. Pete Clearwater International Airport to I-275. H&H's scope on this project includes developing traffic control plans (TCP) design for Segments 2 and 4; TCP coordination among Segments 1 through 4; tolls design for Segments 1, 2, and 4; and structures design for four bridges in Segment 4.	<input checked="" type="checkbox"/> Check if project performed with current firm	



**RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete on Section E for each key person)

12. NAME <b>Quinten Ozimek, PE, SE</b>	13. ROLE IN THIS CONTRACT Structural Design	14. YEARS EXPERIENCE	
		a. TOTAL 4	b. WITH CURRENT FIRM 4

15. FIRM NAME AND LOCATION (City and State)  
**HARDESTY & HANOVER** (Tampa, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION)  
B.S. / Civil Engineering | M.S. / Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
Professional Engineer: FL; Structural Engineer: IL

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Quinten Ozimek has four years of experience in structural design and modeling, field reports, as well as inspections and construction management. He has been responsible for shop drawing review and quality control of structural designs for fixed and movable bridge projects. He has also provided load rating calculations.

**19. RELEVANT PROJECTS**

a.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Beckett Bridge Replacement   Pinellas County Tarpon Springs, FL</b>	ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED
	<input checked="" type="checkbox"/> Check if project performed with current firm	<p><b>Structural Engineer.</b> Responsible for foundation design, substructure design, and preparation of design plans for this historic bridge replacement with a new 360-foot single-leaf, rolling-lift, bascule bridge that carries Riverside Drive over Whitcomb Bayou and features two traffic lanes, shoulders, and a sidewalk. Project elements included relay-based control system, approximately a quarter mile of roadway, drainage, bridge architecture, and public involvement.</p>	
b.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Sunny Isles Pedestrian Bridge Peer Review   City of Sunny Isles   Sunny Isles, FL</b>	ENGINEERING COMPLETED 2020	CONSTRUCTION COMPLETED 2022
	<input checked="" type="checkbox"/> Check if project performed with current firm	<p><b>Structural Designer</b> responsible for analysis of proposed structure and gathered results and provided design checks of various steel members and connections involving the Sunny Isles Pedestrian Bridge's Category 2 components. H&amp;H's peer review confirmed the bridge's structural analysis methodology, compatibility of bridge geometry with roadway geometrics, construction phasing with Traffic Control Plans, the completeness and accuracy of bridge plans, compliance with design requirements and FDOT standard plans, and the constructability assessment identifying fatal flaws that were prepared by others.</p>	
c.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Albee Road Bascule Bridge Repairs   Sarasota County   Laurel, FL</b>	ENGINEERING COMPLETED 2021	CONSTRUCTION COMPLETED N/A
	<input checked="" type="checkbox"/> Check if project performed with current firm	<p><b>Structural Designer</b> responsible for plans production and detailing of bascule span steel grid deck replacement. This Sarasota County project involves plans to repair the Albee Road bascule bridge (#170057). A field inspection was performed in August 2018 which resulted in recommended structural, electrical, and mechanical repairs that will keep the bridge operating efficiently and extending its service life. Subsequent FDOT bridge inspection reports provided additional information on the extent of necessary bridge repairs.</p>	
d.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Central Polk Parkway   Florida Turnpike Enterprise   Polk County, FL</b>	ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED
	<input checked="" type="checkbox"/> Check if project performed with current firm	<p><b>Structural Designer.</b> The structural design efforts include preparing and optimizing a structural analysis model, selecting various steel and aluminum elements that meet limit state criteria, and providing bolted and welded connections for various elements on the structure. his project consists of 30% design for the roadway, preparation of plans, and project coordination for a six-lane facility from SR 570 (Polk Parkway) to SR 60, which is known as Segments 1 and 2 of the Central Polk Parkway. The tolled roadway includes the design of gantries for All Electronic Toll Collection, as well as the design of one mile of new alignment, over two miles of widening, a new interchange at SR 540 and over two miles of new ramp alignments. At approximately 6.1 miles, the new roadway will be designated as Segments 1 and 2 of the Central Polk Parkway.</p>	
e.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Gateway Express Improvements Design-Build   FDOT District 7   Pinellas County, FL</b>	ENGINEERING COMPLETED 2023	CONSTRUCTION COMPLETED Ongoing
	<input checked="" type="checkbox"/> Check if project performed with current firm	<p><b>Structural Designer.</b> Responsible for toll building design, toll gantry design, bridge foundation design, bridge substructure design, design plans preparation, and shop drawing reviews for the Gateway Express improvement project, which includes new toll facilities and needed limited and controlled access connections from the Bayside Bridge on the north, US 19 on the west, and the St. Pete Clearwater International Airport to I-275. H&amp;H's scope on this project includes developing traffic control plans (TCP) design for Segments 2 and 4; TCP coordination among Segments 1 through 4; tolls design for Segments 1, 2, and 4; and structures design for four bridges in Segment 4.</p>	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete on Section E for each key person)

12. NAME <b>Robert Hideck, PE</b>		13. ROLE IN THIS CONTRACT Roadway/Intersection Design/Temporary Traffic Control Plans		14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 10		
15. FIRM NAME AND LOCATION (City and State) <b>Hardesty &amp; Hanover, LLC</b> (Tampa, FL)					
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer: FL, LA		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Robert Hideck has 21 years of engineering and design experience in the transportation industry. His roadway engineering experience includes conceptual, preliminary and final design of limited-access highways, interchange design and widening realignments for urban and rural roads. He has expertise in the preparation of construction plans including horizontal and vertical design, cross sections, typical sections and TCPs.					
<b>19. RELEVANT PROJECTS</b>					
a.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>44th Avenue E from 45th Street E to 44th Avenue Plaza E, Braden River Segment (Manatee County), Manatee County, FL</b>		ENGINEERING COMPLETED 2018	CONSTRUCTION COMPLETED 2022	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
Roadway Plans Engineer of Record/Senior Roadway Engineer. Responsible for roadway and traffic control design and plans preparation. This project includes the design for the reconstruction and extension of 44th Avenue East from 45th Street East to 44th Avenue Plaza East. The design plans include reconstruction from a two-lane roadway to a four-lane divided urban roadway. As part of this project, a new bridge will be designed to cross over the Braden River, as well as a realignment of Morgan Johnson Road and Caruso Road to provide route continuity. Alternative intersection designs, including a roundabout, and stage construction are being considered as part of the design package.					
b.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>27th Street East Improvements   Manatee County   Manatee County, FL</b>		ENGINEERING COMPLETED 2020	CONSTRUCTION COMPLETED 2022	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
Project Manager/Engineer of Record. Responsible for roadway design and plans preparation. This project proposes improvements to 27th Street East between 26th Avenue East and 38th Avenue East with pedestrian and bicycle facilities, roadway improvements, turn lanes, lighting, drainage and signalization improvements. This project is being completely designed and delivered using AutoCAD Civil 3D. This project is being completely designed and delivered using AutoCAD Civil 3D.					
c.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Gateway Express Improvements   FDOT District 7   Pinellas County, FL</b>		ENGINEERING COMPLETED 2023	CONSTRUCTION COMPLETED Ongoing	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
TTCP Engineer of Record. Responsible for managing the tolling, structural engineering, and traffic control services for the Gateway Express improvement project, which will deliver toll facilities and needed limited and controlled access connections from the Bayside Bridge on the north, US 19 on the west, and the St. Pete Clearwater International Airport to I-275 general purpose and new express lanes. H&H's scope for this project includes developing TCP design for Segments 2 and 4; TCP coordination among Segments 1 through 4; tolls design for Segments 1, 2, and 4; structures design for four bridges in Segment 4; and design of two All Electronic Tolls (AET) sites and two express AET sites along I-275.					
d.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Fort Hamer Bridge Approaches, Upper Manatee River Road to Fort Hammer Road   Manatee County   Manatee County, FL</b>		ENGINEERING COMPLETED 2016	CONSTRUCTION COMPLETED 2018	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
Project Engineer. Responsible for quality control of roadway and maintenance of traffic plans. This project includes the design of over a mile of approach roadway for a new bridge over the Manatee River, connecting Upper Manatee River Road with Fort Hamer Road. The project was designed for stage construction with the two lanes being delivered with initial construction.					
e.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Transportation and Stormwater Engineering Services, (Manatee County), Manatee County, FL</b>		ENGINEERING COMPLETED 2016	CONSTRUCTION COMPLETED N/A	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
Project Manager. Responsible for overall contract management, task work order project management and lead engineering services. Task work orders under this contract include: preliminary engineering studies, roadway design, stormwater design, safety improvements, sidewalk additions, flooding studies, utility coordination, public outreach, field reviews, and post design services.					

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete on Section E for each key person)*

12. NAME <b>Lindsey Skourellos, PE</b>	13. ROLE IN THIS CONTRACT Roadway/Intersection Design/Temporary Traffic Control Plans	14. YEARS EXPERIENCE	
		a. TOTAL 10	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION <i>(City and State)</i> <b>Hardesty &amp; Hanover, LLC</b> (Tampa, FL)
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16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S. / Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer: FL
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
Lindsey Skourellos has 10 years of experience in highway design in Florida. Her experience in traditional roadway design varies from simple resurfacing projects to more complex interchange projects. Her completed design efforts have also included specialized roadway design, involving new alignments, widening and resurfacing, and reconstruction of existing alignments. In association with these projects, she has performed tasks such as maintenance of traffic plans, signing and pavement marking plans, obtaining aviation permits, and erosion control plans. Other aspects of her transportation engineering experience include work on Design Build and All-Electronic Tolling Projects.

**19. RELEVANT PROJECTS**

a.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>SR 826/Palmetto Expressway Capacity Improvement D-B   FDOT District 6   Miami-Dade County, FL</b>	ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED Ongoing
	<input checked="" type="checkbox"/> Check if project performed with current firm	<p><b>Roadway Engineer.</b> Responsible for roadway design, signing and pavement markings, and toll site design. H&amp;H is the lead designer, responsible for roadway, drainage, permitting, traffic control, tolling and bridge design. This project will improve operations with an additional SB General purpose lane, auxiliary lanes, improved shoulder widths, major modifications to the NW 103rd Street interchange, revised access to the NB and SB revises express lanes, a new toll site and improvements to the adjoining frontage road.</p>	
b.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Fort Hamer Bridge Approaches, Upper Manatee River Road to Fort Hamer Road   Manatee County   Manatee County, FL</b>	ENGINEERING COMPLETED 2014	CONSTRUCTION COMPLETED N/A
	<input checked="" type="checkbox"/> Check if project performed with current firm	<p><b>Project Manager/Engineer of Record.</b> Responsible for roadway design and plans preparation. This project proposes improvements to 27th Street East between 26th Avenue East and 38th Avenue East with pedestrian and bicycle facilities, roadway improvements, turn lanes, lighting, drainage, and signalization improvements. This project is being completely designed and delivered using AutoCAD Civil 3D. This project is being completely designed and delivered using AutoCAD Civil 3D.</p>	
c.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Gateway Express Improvements   FDOT District 7   Pinellas County, FL</b>	ENGINEERING COMPLETED 2023	CONSTRUCTION COMPLETED Ongoing
	<input checked="" type="checkbox"/> Check if project performed with current firm	<p><b>TTCP Engineer of Record.</b> Responsible for managing the tolling, structural engineering, and traffic control services for the Gateway Express improvement project, which will deliver toll facilities and needed limited and controlled access connections from the Bayside Bridge on the north, US 19 on the west, and the St. Pete Clearwater International Airport to I-275 general purpose and new express lanes. H&amp;H's scope for this project includes developing TCP design for Segments 2 and 4; TCP coordination among Segments 1 through 4; tolls design for Segments 1, 2, and 4; structures design for four bridges in Segment 4; and design of two All Electronic Tolls (AET) sites and two express AET sites along I-275.</p>	
d.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Fort Hamer Bridge Approaches, Upper Manatee River Road to Fort Hammer Road   Manatee County   Manatee County, FL</b>	ENGINEERING COMPLETED 2016	CONSTRUCTION COMPLETED 2018
	<input checked="" type="checkbox"/> Check if project performed with current firm	<p><b>Project Engineer.</b> Responsible for quality control of roadway and maintenance of traffic plans. This project includes the design of over a mile of approach roadway for a new bridge over the Manatee River, connecting Upper Manatee River Road with Fort Hamer Road. The project was designed for stage construction with the two lanes being delivered with initial construction.</p>	
e.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Pinellas County General Engineering Consultant (GEC) Pinellas County, FL   Pinellas County</b>	ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED N/A
	<input checked="" type="checkbox"/> Check if project performed with current firm	<p><b>Roadway Engineer.</b> H&amp;H's multidiscipline contract providing as-needed services to support Pinellas County as it related to infrastructure projects for the county. Lindsey's responsibilities included completing a preliminary engineering analysis and developing final construction plans for the repair of a section of Pinellas Trail from Ponce de Leon Boulevard to South of Woodlawn Avenue in Pinellas County.</p>	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete on Section E for each key person)*

12. NAME <b>Benjamin Bower, PE</b>	13. ROLE IN THIS CONTRACT Roadway/Intersection Design/Temporary Traffic Control Plans	14. YEARS EXPERIENCE	
		a. TOTAL 5	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION *(City and State)*  
**Hardesty & Hanover, LLC** (Tampa, FL)

16. EDUCATION *(DEGREE AND SPECIALIZATION)*  
B.S. / Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*  
Professional Engineer: FL

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
Benjamin Bower has five years of transportation engineering experience. His experience includes roadway, signing and pavement marking, and drainage design; plans development; technical specifications; and cost estimates for new and rehabilitation projects. He is proficient with AutoCAD Civil 3D, MicroStation, and Geopak as part of roadway design and plans preparation assignments. Other related tasks include the development of temporary traffic control (TTC) plans, drainage, and erosion control plans.

**19. RELEVANT PROJECTS**

a.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>46th Avenue N Sidewalk Design   Pinellas County   Pinellas County, FL</b>	ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED N/A
	<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Roadway Engineer.</b> Responsible for assisting with roadway and traffic control design and plans preparation. This project consists of reconstruction of the existing roadway, extension of the existing box culvert in both directions, construction of ADA compliant sidewalks, curb ramps and driveways on both sides of road and incidental work along 46th Avenue North, from West of Drainage Outfall along 55th Street North right of way corridor to 49th Street North (a length of approximately 0.5 miles). H&amp;H is responsible for roadway/sidewalk design, structural design, traffic control, signing and pavement marking.</p>			
b.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>27th Street East Improvements   Manatee County   Manatee County, FL</b>	ENGINEERING COMPLETED 2021	CONSTRUCTION COMPLETED 2022
	<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Roadway Engineer.</b> Responsible for assisting with roadway design and plans preparation, including signing and pavement marking. This project proposes improvements to 27th Street East between 26th Avenue East and 38th Avenue East with pedestrian and bicycle facilities, roadway improvements, turn lanes, lighting, drainage, and signalization improvements. This project is being completely designed and delivered using AutoCAD Civil 3D. This project is being completely designed and delivered using AutoCAD Civil 3D.</p>			
c.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Gateway Express Improvements   FDOT District 7   Pinellas County, FL</b>	ENGINEERING COMPLETED 2023	CONSTRUCTION COMPLETED Ongoing
	<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Roadway Designer.</b> Responsible for plans production for the Gateway Express improvement project, which will deliver toll facilities and needed limited and controlled access connections from the Bayside Bridge on the north, US 19 on the west, and the St. Pete Clearwater International Airport to I-275 general purpose and new express lanes. H&amp;H's scope for this project includes developing TCP design for Segments 2 and 4; TCP coordination among Segments 1 through 4; tolls design for Segments 1, 2, and 4; structures design for four bridges in Segment 4; and design of two All Electronic Tolls (AET) sites and two express AET sites along I-275.</p>			
d.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Pinellas County General Engineering Consultant (GEC)   Pinellas County   Pinellas County, FL</b>	ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED N/A
	<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Roadway Engineer/Engineering Intern</b> responsible for assisting with roadway design and plans preparation. H&amp;H is currently under contract with Pinellas County as their General Engineering Consultant. This multi-disciplinary contract provides as-needed design services to support the County as it relates to all infrastructure. Projects include: Riverside Drive Drainage Improvements and North Springs Drive Study, 46<sup>th</sup> Avenue N Sidewalk Design from 49<sup>th</sup> Street to Lown Street North, 35<sup>th</sup> Street &amp; 46<sup>th</sup> Avenue Railroad Crossing Improvement, and 49<sup>th</sup> Street N and 46<sup>th</sup> Avenue N Intersection Improvements</p>			
e.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>SR 75 (US 231) from SR 30A (US 98) to Pipeline Road   FDOT District 3   Panama City, FL</b>	ENGINEERING COMPLETED 2023	CONSTRUCTION COMPLETED N/A
	<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Engineering Intern</b> assisting with plans production for roadway, temporary traffic control and S&amp;PM on SR 77. The project consisted of providing design services for the single point urban interchange (SPUI) at SR 77 over US 231 and CSX RR improvement project. Work included roadway, drainage, temporary traffic control, and S&amp;PM design on SR 77. In addition, H&amp;H designed the lighting for the entire project and designed a new 840-foot steel bridge on SR 77.</p>			

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete on Section E for each key person)

12. NAME <b>Robert Plocica, PE</b>		13. ROLE IN THIS CONTRACT Mechanical		14. YEARS EXPERIENCE	
				a. TOTAL 25	b. WITH CURRENT FIRM 22
15. FIRM NAME AND LOCATION (City and State) <b>Hardesty &amp; Hanover, LLC</b> (Tampa, FL)					
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / Civil Engineering   M.E. / Structural Engineering and Mechanics			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer: FL		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Jason Dunn has 25 years of experience in project management, drainage design, stormwater modeling, and environmental permitting for complex roadway projects. He is currently managing H&H's Pinellas County GEC contract and his drainage project experience involves culvert design, stormwater and sewer system analysis, on- and off-site conveyance systems, floodplain compensation, and stormwater management facility design. Jason excels at hydrologic and hydraulic analyses using the latest stormwater modeling software. Jason is a Certified Floodplain Manager (CFM), Envision Sustainability Professional (ENV SP) and Leadership in Energy and Environmental Design Accredited Professional (LEED AP).					
<b>19. RELEVANT PROJECTS</b>					
	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>US-1 Jupiter Bridge Replacement Post Design   FDOT District 4   Jupiter, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED Ongoing	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
a.	<b>Senior Lead Mechanical Engineer</b> responsible for overseeing mechanical engineering design and correspondence for mechanical shop drawings, RFIs, catalog cut, and procedure submittal review and responses. This bridge replacement project includes replacement of twin double-leaf bascule span carrying US-1 over the Loxahatchee River, part of the Atlantic Intracoastal Waterway. H&H is serving as Engineer of Record for the project. The design phase was concurrent with the PD&E phase and addresses the identified purpose and need for structural deficiency and functional obsolescence of the existing US-1/SR 5 Jupiter Federal Bridge from SR A1A to Beach Road. To address impacts to the community resulting from the detour required during bridge construction, the project incorporates intersection improvements, including ITS along the detour route. The project will include ADA access ramps to the eight-foot sidewalks and a new seven-foot buffered bike lanes. Other activities included preparing and presenting to stakeholders at the public meeting and reviewing the permit application.				
	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>SE 3rd &amp; SW 7th Ave over the New River Bridge Rehabilitations   Broward County   Ft Lauderdale, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED N/A	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	<b>Senior Lead Mechanical Engineer.</b> Responsible for the delivery of roadway improvements and bascule bridge rehabilitation services for two double-leaf rolling-lift bascule bridges in downtown Ft Lauderdale. Improvements includes complete replacement of machinery and electrical systems, new aluminum closed deck, and control house access improvements.				
	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>NW 17th Ave over Miami River Emergency Counterweight Replacement   Miami-Dade County   Miami, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED Ongoing	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	<b>Senior Lead Mechanical Engineer.</b> Supervisory role for the design, detailing, preparation of plans, and construction support services for replacement of the existing concrete counterweight with a new steel counterweight box filled with concrete and steel ballast.				
	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>SR 401 Span Lock Rehabilitation Design   FDOT District 5 Port Canaveral, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED N/A	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	Senior Lead Mechanical Engineer. This project involved the mechanical rehabilitation of the span locks for FDOT District 5 SR 401 bridges over the Barge Canal. The scope consists of rehabilitation of bridges 700030 and 700031 span locks and replacement of bridge 700117 span locks addressing cracks found at the bascule plate girder welds in the vicinity of the front guides and receivers during the mechanical assessment inspection.				
	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Central Polk Parkway (Segment 1) from Polk Parkway SR 540 to SR 35 (US 17)   Polk County, FL   FDOT District 1</b>		ENGINEERING COMPLETED 2019	CONSTRUCTION COMPLETED N/A	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	<b>Senior Engineer</b> responsible for siting all electronic tolling (AET) gantries for a new six-lane expressway facility. This project required use of the Corridor Modeler software to aid in the design of a new six-lane expressway facility. The project included the design of one mile of new alignment, over two miles of widening, a new interchange at SR 540, and over two miles of new ramp alignments. This segment is among several that are under design to complete the northeasterly connection of Central Polk Parkway to I-4.				

**RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete on Section E for each key person)

12. NAME <b>Marco Lara, PE</b>		13. ROLE IN THIS CONTRACT Electrical		14. YEARS EXPERIENCE	
				a. TOTAL 19	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) <b>HARDESTY &amp; HANOVER</b> (Tampa, FL)					
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / Electrical Engineering			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer: FL (plus 4 other states)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Marco Lara has 19 years of electrical engineering experience for the preparation of roadway lighting plans; electrical power and control system plans; and technical specifications of bridges, toll facilities, highways, and other infrastructure projects. He is also responsible for technical supervision and management of engineering personnel. Other responsibilities include design and specification of electrical control systems, power systems, major drive systems, lightning protection, roadway/interior lighting design, and back-up power generation systems for movable bridge projects. He has provided specialty engineering design and specification of cathodic protection systems that include impressed current, sacrificial anode, impressed-current cathodic protection and galvanic pile jacket systems for bridges.					
<b>19. RELEVANT PROJECTS</b>					
a.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Beckett Bridge Replacement, (Pinellas County) Pinellas County, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED Ongoing	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Electrical Engineer.</b> Responsible for developing electrical details, plans, and calculations for movable bridge power and control systems, including a relay-based control system. Calculations include short circuit analysis, power flow, generator sizing, panelboard calculations, voltage drop, photometric analysis, and roadway lighting analysis. This project involves replacing an existing historic bridge with a new 360-foot single-leaf, rolling-lift bascule bridge that carries Riverside Drive over Whitcomb Bayou. The movable span features steel plate girder main girders and floorbeam and an Exodermic deck that spans longitudinally between floorbeams. The bascule pier footing and approach pier caps feature precast concrete elements to facilitate accelerated bridge construction. Foundations are drilled shafts and pipe piles, designed to accommodate challenging site conditions.</p>					
b.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Brorein Street Bridge Over Hillsborough River (City of Tampa) Tampa, FL</b>		ENGINEERING COMPLETED 2020	CONSTRUCTION COMPLETED 2022	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Electrical Engineer of Record.</b> Responsible for movable bridge electrical system replacement, roadway lighting and pedestrian lighting. Performing inspection, electrical testing, submitted report with recommendations and cost estimate. This major rehabilitation involves replacing obsolete and aging electrical equipment such as the main drive motors, brakes, motor control panels, span drive system, span lock motor, limit switches, lighting, and upgrading the electrical service. The project involves developing design plans for the structural rehabilitation of the Brorein Street Bridge and replacement of the power and control systems. The services include inspection; electrical and mechanical components of the bridge; bridge development report with recommendations; structural, electrical, and mechanical construction plans; temporary traffic control (TTC); specifications; engineer's estimate; and post-design services.</p>					
c.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Gateway Express Design-Build Improvements (FDOT District 7) Pinellas County, FL</b>		ENGINEERING COMPLETED 2023	CONSTRUCTION COMPLETED Ongoing	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Electrical Engineer of Record.</b> Responsible for electrical tolling design for the Gateway Express improvement project, which includes new toll facilities and needed limited and controlled access connections from the Bayside Bridge on the north, US 19 on the west, and the St. Pete Clearwater International Airport to I-275. Electrical engineer of Record responsible for gantry electrical, building electrical and site electrical plans for new all electronic toll facilities. Designed power distribution, communications, generator sizing, lightning protection, gantry conduit plans, toll building lighting, and site equipment layout for Segment 1-2 tolling facility. Performed detailed electrical analysis and calculations including Power Design Analysis Report (PDAR) and prepared technical specifications for tolling and electrical equipment. Calculations included voltage drop, power flow, generator sizing, short circuit analysis, lighting photometrics, and arc flash. Performed utility coordination.</p>					
d.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Engineering Services For Movable Span Bridges (Volusia County), Volusia County, FL</b>		ENGINEERING COMPLETED 2025 (est)	CONSTRUCTION COMPLETED N/A	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Project Engineer.</b> Responsible for the construction inspection of the electrical rehabilitation for the Knox and Main Street bridges. Responsibilities included witnessing shop inspection and testing of new bridge control system and witness changeout of the existing control system with the new control system. Witnessed and oversaw functional checkout and safety interlock testing. Performed electrical CEI inspection and participated in shop drawing review and construction status meetings. Marco also performed onsite reviews and provided final acceptance of electrical equipment. He was responsible for the submarine cable design that included cost estimate, calculations, technical special provisions and plans for the Knox double-leaf bascule bridge and involved with oversight of permitting.</p>					

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete on Section E for each key person)

12. NAME <b>Jason Dunn, PE, CFM, ENV SP</b>		13. ROLE IN THIS CONTRACT Drainage / Permitting		14. YEARS EXPERIENCE	
				a. TOTAL 22	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) <b>Hardesty &amp; Hanover, LLC</b> (Tampa, FL)					
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer: FL		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Jason Dunn has 22 years of experience in project management, drainage design, stormwater modeling, and environmental permitting for complex roadway projects. He is currently managing H&H's Pinellas County GEC contract and his drainage project experience involves culvert design, stormwater and sewer system analysis, on- and off-site conveyance systems, floodplain compensation, and stormwater management facility design. Jason excels at hydrologic and hydraulic analyses using the latest stormwater modeling software. Jason is a Certified Floodplain Manager (CFM), Envision Sustainability Professional (ENV SP) and Leadership in Energy and Environmental Design Accredited Professional (LEED AP).					
<b>19. RELEVANT PROJECTS</b>					
a.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>46th Avenue N Sidewalk Design   Pinellas County   Pinellas County, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED N/A	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
Project Manager/ Engineer of Record. Responsible for project management, roadway design, sidewalk alignment, and utility coordination. This project consists of reconstruction of the existing roadway, extension of the existing box culvert in both directions, construction of ADA compliant sidewalks, curb ramps and driveways on both sides of road and incidental work along 46th Avenue North, from West of Drainage Outfall along 55th Street North right of way corridor to 49th Street North (a length of approximately 0.5 miles). H&H is responsible for roadway/sidewalk design, structural design, traffic control, signing and pavement marking.					
b.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>27th Street East Improvements   Manatee County   Manatee County, FL</b>		ENGINEERING COMPLETED 2021	CONSTRUCTION COMPLETED 2023	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
Drainage Engineer. Responsible for assisting with roadway design and plans preparation, including signing and pavement marking. This project proposes improvements to 27th Street East between 26th Avenue East and 38th Avenue East with pedestrian and bicycle facilities, roadway improvements, turn lanes, lighting, drainage, and signalization improvements. This project is being completely designed and delivered using AutoCAD Civil 3D. This project is being completely designed and delivered using AutoCAD Civil 3D.					
c.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Beckett Bridge Replacement   Pinellas County Government   Tarpon Springs, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED Ongoing	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
Drainage Engineer of Record. Responsible for the drainage design for the replacement of an existing historic bridge. The new 360-foot-long bridge carries Riverside Drive over Whitcomb Bayou and features two traffic lanes, shoulders, and a sidewalk. The main span is a single-leaf, rolling-lift, bascule bridge for 39 feet. Project design elements include structural, roadway, drainage, lighting, TTC, utility coordination, bridge architecture, and public involvement.					
d.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>46th Avenue N Sidewalk Design   Pinellas County   Pinellas County, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
Project Manager/Drainage Engineer responsible for project management, roadway design, sidewalk alignment, and utility coordination. This project consists of reconstruction of the existing roadway, extension of the existing box culvert in both directions, construction of ADA compliant sidewalks, curb ramps and driveways on both sides of road and incidental work along 46th Avenue North, from West of Drainage Outfall along 55th Street North right-of-way corridor to 49th Street North (a length of approximately 0.5 miles). H&H is responsible for roadway/sidewalk design, structural design, traffic control, signing and pavement marking.					
e.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Central Polk Parkway (Segment 1) from Polk Parkway SR 540 to SR 35 (US 17)   Polk County, FL   FDOT District 1</b>		ENGINEERING COMPLETED 2019	CONSTRUCTION COMPLETED N/A	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
Senior Engineer responsible for siting all electronic tolling (AET) gantries for a new six-lane expressway facility. This project required use of the Corridor Modeler software to aid in the design of a new six-lane expressway facility. The project included the design of one mile of new alignment, over two miles of widening, a new interchange at SR 540, and over two miles of new ramp alignments. This segment is among several that are under design to complete the northeasterly connection of Central Polk Parkway to I-4.					

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete on Section E for each key person)

12. NAME <b>Zachary Gross, PE, CFM</b>	13. ROLE IN THIS CONTRACT Drainage	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 3

15. FIRM NAME AND LOCATION (City and State)  
**Hardesty & Hanover, LLC** (Tampa, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION)  
**B.S. / Civil Engineering**

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
**Professional Engineer: FL**

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Zachary Gross has 14 years of experience in drainage, permitting, and stormwater management design services. He has served as project engineer and project manager on a vast variety of projects providing stormwater analysis and modeling, drainage engineering and permitting, and plans production for FDOT, Florida’s Turnpike Enterprise, and local municipalities. Zachary is proficient with environmental permitting research, rules and regulations, and acquiring permits from various water management districts. He has performed a broad range of tasks involving interconnected pond routing modeling, storm sewer system hydraulics, French drain and underdrain analysis, floodplain analysis, bridge hydraulics, spread analysis, basin delineation, ditch design, gabion ditch and spillway design, nutrient loading, and pollutant removal calculations. He is proficient with MicroStation, GEOPAK, ArcGIS, ICPR4, MODRET, HEC-RAS, GEOPAK Drainage, ASAD, Culvert Master, Flow Master, HY-8, and MathCAD.

**19. RELEVANT PROJECTS**

a.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>27th Street Roadway Improvements   Manatee County   Bradenton, FL</b>	ENGINEERING COMPLETED 2021	CONSTRUCTION COMPLETED 2023
	<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Drainage Engineer.</b> Responsible for the drainage design, floodplain compensation and permitting for the 0.8 mile roadway safety improvement project along 27th Street from 26th Avenue East to 38th Avenue East. Flooding relief alternatives were provided to address the historic overtopping of the roadway. This project includes the addition of pedestrian and bicycle facilities, turn lanes, lighting, drainage, and signalization improvements. This project is being designed and delivered using AutoCAD Civil 3D.</p>			
b.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>I-75 at SR 951 Interchange Design-Build   FDOT District 1   Collier County, FL  </b>	ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED Ongoing
	<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Drainage Engineer of Record.</b> Responsible for the drainage design and permitting. This project consists of the reconstruction of the I-75 at SR 951 Interchange from the existing Diamond Interchange to a Partial Cloverleaf Interchange with two connection ramps over SR 84/Davis Boulevard, from and to CR 951 (Collier Boulevard), to provide for the “Ultimate Configuration.”</p>			
c.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>SR 91 and SR 528 Interchange (from MP 253 to S of Sand Lake Road) (MP 257.25) Design   Florida’s Turnpike Enterprise   Orange County, FL</b>	ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED Ongoing
	<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Drainage Engineer.</b> Responsible for assisting drainage design documentation and drainage plans. H&amp;H is the prime consultant for this complex 4-level interchange in a constrained environment. The project includes new direct systems ramps, braided ramps, a relocation of SR 528, and modifications to adjoining interchanges, including a Diverging Diamond interchange on Consulate Drive. As part of the design development, the design team worked closely with Turnpike traffic engineers to refine the design to include: an additional southbound Collector Distributor Road to relocate weaving from the mainline; reconfiguration of a low-volume ramp to economize the design; and development of a 3-project phasing plan to deliver incremental improvements as needed with packaging less \$200 million. In addition to managing the design of the project, H&amp;H is responsible for roadway, bridge, drainage signing and pavement markings, and toll design, which included six new All Electronic Tolling Sites.</p>			
d.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>SR 826/Palmetto Expressway Capacity Improvement Design-Build   Florida DOT District 6   Miami-Dade County, FL</b>	ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED Ongoing
	<input checked="" type="checkbox"/> Check if project performed with current firm		
<p><b>Drainage Engineer</b> responsible for the drainage design. This project improves operations with an additional SB General purpose lane, auxiliary lanes, and improved shoulder widths, requiring major modifications to the NW 103rd Street interchange. The project also includes revised access to the NB and SB revises express lanes, requiring a new toll site and improvements to the adjoining frontage road system. H&amp;H is the lead designer, responsible for roadway, drainage, permitting, traffic control, tolling and bridge design.</p>			



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete on Section E for each key person)

12. NAME <b>Calvin Santarelli</b>		13. ROLE IN THIS CONTRACT Construction Engineering & Inspection		14. YEARS EXPERIENCE	
				a. TOTAL 36	b. WITH CURRENT FIRM <1
15. FIRM NAME AND LOCATION (City and State) <b>Hardesty &amp; Hanover, LLC</b> (Tampa, FL)					
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer: FL		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Cal Santarelli has 36 years of experience in Project Management/ Project Administration, Quality Control and Quality Assurance, notably on projects in the range of \$400 million. During his career, Cal has built a reputation in Southwest Florida and beyond as an expert on project specifications for FDOT, SFWMD, and USACE. He has served in various management roles on multiple projects, including Senior Project Manager, PA, QC Manger, VP of Operations, and Senior Inspector. His experience has granted him the role of Senior Project Manager and QC Manager on three continuing service contracts as well as Project Manager on two Districtwide contracts for Districts 1 and 7, each worth \$5 million. His responsibilities included scheduling for up to 50 staff members; reviewing and approving Daily Reports and MAC entries; and providing quality assurance reviews, project manhour estimates, contract management, funds tracking, client liaison and business development, technical review, preparation of QA/QC plans, and staff training. <b>Certifications:</b> Concrete Field Tech – Level I, Concrete Field Inspector – Level II, Concrete Lab Tech – Level I, Earthwork Construction Inspection – Levels I & II, Final Estimates – Level I & II, Drilled Shaft Inspection, Pile Driving, QC Manager, Qualified Sampler Technician, Maintenance Concrete Field Testing Tech – Grade I, Concrete Strength Technician, Concrete Transportation Construction Insp., Aggregate Testing Technician – Level I, Aggregate Base Testing Technician – Level II, Advanced Maintenance of Traffic, Augercast Pile Course, Critical Structures Construction Issues, Construction Management Academy, C.P.N. Radiation Safety RSO, FDEPS, FDOT MAC Module-2, IMSA Traffic Signal Tech – Level I, FDOT Managed Field Ethernet Switch, MSE Wall Inspector, NPDES Stormwater Management, OSHA 10 Hr., and OSHA Confined spaces.					
<b>19. RELEVANT PROJECTS</b>					
	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Sanibel Bridge and Toll Plaza Replacement   Lee County, FL   Lee County</b>		ENGINEERING COMPLETED	CONSTRUCTION COMPLETED	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
a.	<b>Project Manager/QC Manager.</b> Responsible for managing a staff of six inspectors and in addition, provided Construction Materials Testing and Inspection personnel to the contractor, Boh Bros. The technicians' duties consisted of pile (driven, Augercast and sheet piles) monitoring, turbidity monitoring, vibration and noise monitoring, soils, concrete, and asphalt testing and MSE wall inspection. In addition, providing underwater video of the cleanup in accordance with the US Coast Guard permit requirements, maintaining daily records of progress, personnel manhours, and equipment utilization and assisted with the monthly estimate and daily report reconciliations. This \$190M project consisted of the replacement of two fixed bridges and one bascule bridge with two fixed and one high span bridge over the Caloosahatchee water way. These bridges connect Lee County mainland with Sanibel Island.				
	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>I-75 Design-Build (FPID 420655-1-52-01)   Lee and Collier Counties   FDOT District 1</b>		ENGINEERING COMPLETED	CONSTRUCTION COMPLETED	
			<input type="checkbox"/> Check if project performed with current firm		
b.	<b>Firm Project Manager.</b> Responsible for overseeing a staff of 25 roadway and bridge inspectors; scheduling staff and reviewing all reports for the bridge inspection and pile installation; testing of all construction activities; developing and preparing project work scopes; reviewing material sampling entries; providing start-up and construction support; maintaining daily progress records, personnel man-hours, and equipment utilization; and assisted with the monthly estimate and daily report reconciliations. for this \$435 million, 33-mile roadway widening from four to six lanes with bridge deck replacements for 25 bridges on I-75.				
	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>Pine Island Causeway Road &amp; Bridge Permanent Repairs – Phased Design Build   Pine Island, FL   FDOT District 1</b>		ENGINEERING COMPLETED	CONSTRUCTION COMPLETED	
			<input type="checkbox"/> Check if project performed with current firm		
c.	<b>Project Administrator (PA).</b> Responsible for overseeing roadway and bridge construction for the reconstruction of Pine Island Causeway and Little Pine Island Bridge. Permanent repairs of the causeway and little Pine Island bridge that were damaged due to Hurricane Ian in 2022 located in Matlacha, Florida. Estimated cost \$50 million dollars. The causeway repairs consist of installing 2,100 linear feet of sheet piling with a concrete cap to protect against future storm erosion along with reconstruction of the Roadway, utilities for Lee County and Greater Pine Island Water District. The utilities are potable water, sanitary sewer, storm water, lighting, and multiple communication services. The Little Pine Island bridge is a 250-foot, 7 span bridge that will be constructed to replace the existing bridge while maintaining traffic to and from Pine Island.				

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete on Section E for each key person)

12. NAME <b>David Rancman, PE</b>		13. ROLE IN THIS CONTRACT Geotechnical / Soil & Foundations		14. YEARS EXPERIENCE	
				a. TOTAL 21	b. WITH CURRENT FIRM 7
15. FIRM NAME AND LOCATION (City and State) <b>H2R Corp</b> (Pinellas Park, FL)					
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer: FL		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) With a diverse portfolio, Dave works with clients across a variety of market sectors. He has successfully implemented innovative practices to efficiently manage company assets, including web-based preventative maintenance applications for complex assets, and internally developed staff and equipment management tools. Dave has also developed quality relationships with public entities such as FDOT, in addition to engineering consultants, and contractors, who partner with H2R to provide quality services. He has performed value engineering studies for water resource projects, and designed a wide variety of structure types, from cut and fill retaining walls, earthen and sheet pile cofferdams, spillways, shallow and deep foundations for buildings and bridges, large and small, long roadway corridors using innovative practices such as light-weight fill, dams, levees, and other miscellaneous structures.					
<b>19. RELEVANT PROJECTS</b>					
a.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>C-43 West Basin Storage Reservoir Package 4   Hendry County, FL   SFWMD, USACE</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
Senior Geotechnical Engineer responsible for the settlement and consolidation analysis to estimate wait times to accomplish sequencing of various sequences of work related to the dam, including final construction to final dam crest elevations as well as the two-phase construction of the soil-bentonite cutoff wall. Also supported various subcontractor for temporary works engineering, including sheet pile walls, and soil bentonite wall mix designs.					
b.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>C-139 Annex Restoration Project Phase 2   Hendry County, FL</b>		ENGINEERING COMPLETED Ongoing	CONSTRUCTION COMPLETED	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
Senior Geotechnical Engineer. Responsible for the design of earth fill dams. The earth fill dams are being constructed using readily available fill on site to facilitate the dewatering operations and construction of twelve gated structure throughout the various areas of the project.					
c.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>C-44 Reservoir and STA Contract 2 - Martin County, FL</b>		ENGINEERING COMPLETED 2020	CONSTRUCTION COMPLETED 2021	
			<input checked="" type="checkbox"/> Check if project performed with current firm		
Geotechnical Engineer. Responsible for the Value Engineering Study, performed in accordance with USACE ER11-1-321 Value Engineering for the A-2 STA. Provided multiple geotechnical and civil cost saving alternatives, which was presented to the District with the Arcadis Value Engineering team.					
d.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>AA-STA-A-2 Value Engineering Study</b>		ENGINEERING COMPLETED 2014	CONSTRUCTION COMPLETED	
			<input type="checkbox"/> Check if project performed with current firm		
Senior Geotechnical Engineer/Project Manager. Responsible for engineering for temporary works, value engineering (including an innovative techniques to construct and to assure quality for the dam's toe trench drain, geotechnical investigations, RFIs and other needs for the broader quality control team.					
e.	TITLE AND LOCATION (City/State); BRIEF DESCRIPTION (scope, size, cost, etc.); ROLE <b>CW Bill Young Reginal Reservoir Design-Build, Hillsborough County, FL</b>		ENGINEERING COMPLETED 2011	CONSTRUCTION COMPLETED	
			<input type="checkbox"/> Check if project performed with current firm		
Senior Geotechnical Engineer/Project Manager. Responsible for engineering for temporary works, value engineering (including an innovative techniques to construct and to assure quality for the dam's toe trench drain, geotechnical investigations, RFIs and other needs for the broader quality control team.					



**Professional Engineering Services**  
**Continuing Services Contracts**  
***RFP No. 2024-14***

**Tab 4**

**Proficiency with Similar Services/Projects**

# TAB 4: PROFICIENCY WITH SIMILAR SERVICES/PROJECTS

H&H knows that no two projects/contracts are alike. Each project has unique needs and site conditions, requiring differing technical disciplines, and unique applications of design standards. H&H is proud of the diversity of projects completed for its public-sector clients. This experience gives us the confidence in our capability to providing the City of North Port with the quality service required under this contract.

H&H has assisted local governments to effectively and wisely manage projects since the firm's founding. In this section, we provide selected examples of H&H's project experience that are similar to the disciplines described in the City of North Port's Request for Proposal (RFP). These projects demonstrate our technical ability and experience with the skill sets listed in the scope of work. We have the ability to develop innovative solutions that integrate multiple objectives, and adhere to complex scheduling requirements and budgets—all within the context of successfully meeting the goals and objectives of each respective client.

H&H holds or has held contracts for various clients throughout the nation. Below is a list of clients we have successfully provided on-call services for:

- ▶ Pinellas County
- ▶ Manatee County
- ▶ Collier County
- ▶ Lee County
- ▶ Gasparilla Island Bridge Authority
- ▶ Tampa-Hillsborough Expressway Authority
- ▶ Florida Department of Transportation
- ▶ Florida's Turnpike Enterprise
- ▶ FDOT District 6 Districtwide Local Government Bridge
- ▶ FDOT District 6 Districtwide Miscellaneous Structural Projects
- ▶ FDOT District 7 Districtwide Bridge Engineering
- ▶ FDOT District 5 Districtwide Bridge Engineering Services
- ▶ FDOT District 2 Districtwide Miscellaneous Bridge Design
- ▶ Atlantic County, NJ
- ▶ Amtrak
- ▶ City of Baltimore, MD
- ▶ BNSF Railways
- ▶ City of Boston, MA
- ▶ City of Chesapeake, VA
- ▶ Delaware Department of Transportation
- ▶ International Bridge Administration
- ▶ Maryland State Highway Administration
- ▶ Maryland Transportation Authority
- ▶ Massachusetts Highway Department
- ▶ Michigan Department of Transportation

- ▶ Nassau County Bridge Authority
- ▶ City of New Haven, CT
- ▶ New Jersey Transit
- ▶ New York State Thruway Authority
- ▶ Niagara Falls Bridge Commission
- ▶ North Carolina Department of Transportation
- ▶ Port Authority of New York & New Jersey
- ▶ Suffolk County, NY
- ▶ Triborough Bridge & Tunnel Authority
- ▶ Washington State Department of Transportation
- ▶ Virginia Department of Transportation

In addition, we have also performed many emergency type contracts which needed immediate service for inspection, evaluation, design, and construction inspection. Projects for which our staff was made available immediately upon request include:

- ▶ SW 17th Ave Bridge Emergency Counterweight Replacement
- ▶ Sanibel and Pine Island Emergency Repairs following Hurricane Ian Damage
- ▶ Lee County Signal Damage Assessment due to Hurricane Ian
- ▶ Long Boat Key Bridge (Settlement Issues)
- ▶ Schoharie Creek Bridge Collapse
- ▶ Manhattan Bridge Emergency Floorbeam Repairs
- ▶ Pin and Hanger Inspection of Roslyn Viaduct
- ▶ Floorsystem Inspection and Rating of Gowanus Exp. Bus Lane
- ▶ Special Welded Girder Inspection - Nassau and Suffolk County
- ▶ Emergency Contract for Repair of Fractured Stringers SB Flushing R. Bridge
- ▶ Rockaway Boulevard Rehabilitation Design
- ▶ Atlantic Beach Bascule Bridge Emergency Fender Design and Rehabilitation
- ▶ Middletown Swing Bridge Emergency Fender Design and Rehabilitation

**Structures**

**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION *(City and State)*

**Beckett Bridge Replacement & Design**

Pinellas County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2022

CONSTRUCTION (if Applicable)

2024 (est)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Pinellas County

b. POINT OF CONTACT NAME

Ann Venables, AICP, ENV SP

c. POINT OF CONTACT TELEPHONE NUMBER

727.464.3640

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

H&H is the lead consultant for this project, responsible for project management, design, and public involvement and Engineer of Record for the new movable bridge, approach span substructure, roadway, drainage, and temporary traffic control.

The existing Beckett Bridge, constructed in 1924, was determined eligible for listing in the National Register of Historic Places (NRHP) in 2012. Due to deteriorating conditions and functional obsolescence, the bridge was designated for replacement. H&H developed a replacement bridge design appropriate to the historical significance of the existing bridge and in accordance with a Memorandum of Agreement with the State Historic Preservation Officer (SHPO), which specified the replacement bridge include a rolling-lift movable span, similar to the existing bridge. Aesthetics and design details were developed via a public involvement program which included four aesthetics committee workshops with participation from Pinellas County staff, local stakeholders, SHPO, FDOT, and the U.S. Coast Guard.

Roadway design involved optimizing the profile to increase the vertical clearance under the bridge while limiting impacts to adjacent properties. The proposed roadway typical section west of the bridge consists of two 10-foot travel lanes, with 1.5- to 5.5-foot shoulders and a 6-foot sidewalk on the north side of the road. Due to right of way constraints, a sidewalk was not included on the south side of the road. The proposed bridge typical consists of two 10-foot travel lanes, with 6.5-foot shoulders, a 6.5-foot sidewalk on the north side of the road, and a 6.5-foot maintenance sidewalk on the south side. The roadway typical section on the east side of the bridge consists of two 10-foot travel lanes, with 4- to 5.5-foot shoulders and a 6-foot sidewalk on both sides of the roadway. Outside of the bridge span limits, Type F curb and gutter is proposed in the typical section. The proposed drainage system will consist of a series of curb inlets and storm sewer that will capture roadway runoff and discharge to the Whitcomb Bayou. In-line backflow preventers will be added to each outfall to prevent the tide waters from entering the storm sewer system.

The replacement bridge is 360-foot-long featuring a single-leaf, rolling-lift, bascule bridge over Whitcomb Bayou. The movable span is 39 feet long from center of roll to tip and spans a 30-foot-wide navigation channel providing 5 feet, 8 inches of vertical clearance with the bridge closed and unlimited vertical clearance when bridge open. The movable span features steel plate girder main girders and floorbeams and an Exodermic® deck that spans longitudinally between floorbeams. The movable span drive system features a unique crank arm drive system, powered by redundant 20 HP electric motors and vector drives. Auxiliary machinery includes tail props and span locks. The bridge control system is relay-based.

Approach spans consist of prestressed, precast Florida Slab Beams with a cast-in-place concrete topping with spans of approximately 60 feet. The bascule pier footing and approach bent caps feature precast concrete elements to facilitate accelerated bridge construction. The approach span foundations consist of drilled shafts and steel pipe piles, designed to accommodate challenging site conditions including a relict sink hole under the bridge and adjacent properties close to the bridge.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	<b>H&amp;H</b>	Tampa, FL	Prime

**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S  
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY  
NUMBER

2

21. TITLE AND LOCATION *(City and State)*

**Johns Pass Bascule Bridge Rehabilitation**  
Pinellas County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2020

CONSTRUCTION (if Applicable)  
2022

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

FDOT District 7

b. POINT OF CONTACT NAME

Joseph Gadah, PE

c. POINT OF CONTACT TELEPHONE NUMBER

813.612.3382

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

H&H is providing design services for the rehabilitation of the movable spans of the Johns Pass bascule bridge over the Intracoastal Waterway in Pinellas County, FL.

The existing twin double-leaf bascule bridges carries four lanes of traffic over the Intracoastal Waterway between the beachfront communities of Madeira Beach and Treasure Island, FL. Constructed in 2008, the bridges were in need of maintenance rehabilitation and upgrades to the electrical system.

The window glazing will be replaced throughout the control tower. The flat roof will be repaired and the gutters, fascia and soffits around the tower will be replaced.



The electrical scope includes replacement of the PLC system and installation of a relay backup system. The main circuit breaker will be replaced and a new control console will be provided. The navigational clearance lights will be replaced as will the fire alarm panel and existing CCTV system. The architectural lighting in spans 1 through 5 will also be replaced.

The mechanical scope includes removal of the span locks for factory reconditioning. Temporary span locks will be utilized during this period. The live load shoes will be reshimmed and one of the primary reducers will be reconditioned.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL	(3) ROLE Subconsultant
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**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

3

21. TITLE AND LOCATION <i>(City and State)</i> <b>Volusia County Countywide Bridge Contract</b> Volusia County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2025 (est)	CONSTRUCTION (if Applicable) N/A

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>Volusia County</b>	b. POINT OF CONTACT NAME <b>Tom Morrissey, PE</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>386.736.5966</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Under this Volusia County General Engineering Services Contract, H&H provided bridge inspection, evaluation, and design services. Project assignments included field reviews and evaluation of the L. B. Knox Bridge over the Atlantic Intracoastal Waterway (Bridge No. 794025) and Main Street Bridge over the Halifax River (Bridge No. 794004), followed by a report of recommendations for corrective action. In a subsequent task, H&H prepared rehabilitation plans for both bridges, including the design of new bridge control systems for the movable spans. Additional tasks performed by H&H involved inspection and evaluation of the trunnion bearings on the L.B. Knox Bridge, followed by the preparation of designs and contract documents to replace the bearings, including jacking of the movable span.



**Task No. 1: Bascule PLC Analysis and Recommendations.** Evaluated options for and resolving Programmable Logic Controller (PLC) programming as well as other bridge control issues on the L. B. Knox Bridge over the Atlantic Intracoastal Waterway and Main Street Bridge over the Halifax River.



**Task No. 2: Relay Operation Design for Knox and Main Street Bridges.** Developed plans, specifications, and cost estimates for reconfiguring the operating systems the L. B. Knox Bridge (Bridge No. 794025) and Main Street Bridge (Bridge No. 794004) from PLC operation to a relay-based operation with a PLC to monitor bridge operation and display error messages as they occur. Each replacement system includes a new control desk, a main relay control panel, a PLC, and a flat screen display as well as replacement of the associated conduit and wiring.



**Task No. 3: Knox Bridge Trunnion.** Performed site visits to review current conditions and developed plans, specifications, and cost estimates for replacing the trunnion bearing(s) for the L. B. Knox Bridge (Bridge No. 794025) with in-kind roller bearings. H&H also prepared the required provisions for jacking the bascule span.

**Task No. 6: Relay Operation Design for Knox and Main Street Bridges.** Developed plans, specifications, and cost estimates for reconfiguring the operating systems the L. B. Knox and Main Street Bridges from PLC operation to a relay-based operation. Each replacement system included a new control desk, a main relay control panel, a PLC, and a flat screen display as well as replacement of the associated conduit and wiring.

**Task No. 9: Knox Bridge Trunnion.** Performed site visits to review current conditions and developed plans, specifications, and cost estimates for replacing the trunnion bearing(s) for the L. B. Knox Bridge with in-kind roller bearings. H&H also prepared provisions for jacking the bascule span.

**Task No. 12: Knox Bridge Submarine Cable Replacement Design.** Currently completing this task with U.S. Army Corp of Engineers (USACE) and Florida Department of Environmental Protection (FDEP) permits pending. H&H developed plans, specification, cost estimates, and permit applications for replacing the submarine cable.

**Task No. 17: Machinery Brake Replacement.** Performed field reviews and developed plans, specifications, and cost estimates for replacement of the machinery brakes on the L.B. Knox and Main Street Bridges.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL	(3) ROLE Prime
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**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION <i>(City and State)</i> <b>SR 968/SW 1st Street Bascule Bridge over the Miami River</b> Miami, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES  2017	CONSTRUCTION (if Applicable)  2017

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER  FDOT District 6	b. POINT OF CONTACT NAME  Humberto Gomez	c. POINT OF CONTACT TELEPHONE NUMBER  305.470.7390
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Serving as Lead Designer and Engineer-of-Record, H&H designed the new bascule span replacement and roadway reconstruction for the SR 968/SW 1st Street Bascule Bridge.

The new 507-foot replacement bridge included a 315-foot (240 feet trunnion-to-trunnion) double-leaf bascule span over a widened 125-foot navigation channel. Two new approach spans (100-foot span on the west and an 88-foot span on the east), consists of prestressed concrete beams providing at least 16.5 feet of clearance over North and South River Drives. The bascule span roadway included an Exodermic concrete deck providing protection of steel superstructure and a safer/quieter riding surface. The bascule span operates with an electrical-mechanical gear train with a rack and pinion drive, variable frequency drive motor control and relay logic. Project aesthetics are incorporated into the bridge piers, walls, abutments, and a three-story control house.

Roadway reconstruction included upgrading the existing substandard typical section to current standards through the project limits. A typical section in the new roadway has three 11-foot traffic lanes, a 5.5-foot bicycle lane, and 2.5-foot shoulders. Traffic barriers and pedestrian railing are included in the new bridge typical section.

The existing nationally registered historic SW 1st Street Bridge is a 650.5-foot, 13-span bridge constructed in 1929 is the gateway crossing into downtown Miami traversing the lower segment of the Miami River, which is a working river due to its very active commercial vessel usage. The four-lane one-way pair SW 1st Street Bridge (with the W. Flagler Street Bridge) provides local eastbound access to downtown Miami from the community of Little Havana and located within the City of Miami's Greenway System.

A bascule span of the double-leaf bascule simple-trunnion type comprises the main span of the bridge and provides a 75-foot horizontal navigational clearance. Eight steel-rolled beam concrete deck west approach spans flank the existing 157-foot bascule span. On the east side of the bascule span, there are five approach spans of the same type.

The existing bascule span has outlasted its 50-year design life and has deterioration and operational issues. In addition, there are critical substandard features including 12-foot approach span vertical clearances over North and South River Drives and the 75-foot horizontal navigation channel (U.S. Coast Guard requires at least 90 feet at this location). The scope requires in-line replacement of the entire bridge and roadway reconstruction of SR 968/SW 1st Street from SW 6th Avenue to SW 2nd Avenue.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL   Ft. Lauderdale	(3) ROLE Prime
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**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

5

21. TITLE AND LOCATION <i>(City and State)</i> <b>Cass Street Bridge/Brorein Street Bridge Bascule Rehabilitations</b> Tampa, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (if Applicable) 2022

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>City of Tampa</b>	b. POINT OF CONTACT NAME <b>Nirav Patel</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>813.274.5562</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)



**Cass Street**

H&H provided comprehensive bridge engineering services for the rehabilitation of the Cass Street Bridge over the Hillsborough River project. Connecting south and west Tampa to the east and Tampa's Downtown Central Business District, this Strauss trunnion, double-leaf bascule bridge, originally built in 1927 and reconstructed in 1949, required another update.

H&H conducted a field review of the bridge's electrical control systems; drive, support and locking machinery; standby generator ventilation systems; as well as selected structural and architectural components. Project engineers also evaluated existing documentation, coordinated with applicable government agencies, gathered input from the community, before preparing a Bridge Condition Assessment report to summarize findings and present recommendations and cost estimates for the rehabilitation and repair work.

With the City's approval, H&H commenced to design construction plans and write specifications for the recondition, rehabilitation or replacement of those components identified in the report. Design efforts were coordinated with the City and stakeholders identified during the public involvement portions of the project. Traffic Control Plans (TCP) were prepared to minimize interruptions to vehicular, pedestrian, and marine traffic while repairs or rehabilitations are implemented. Post-design services were also provided to the City.

**Brorein Street Bascule**

H&H provided design services for the rehabilitation of the movable span of the Brorein Street bascule bridge over the Hillsborough River. The existing double-leaf bascule bridge carries four lanes of one-way traffic out of downtown Tampa. There are three-foot sidewalks on each side and no shoulders or bicycle lanes. In addition to mechanical and electrical repairs and repairs to the structural steel of the bascule leaves, the project is widening the approach spans and the bascule leaves to provide a 10-foot shared use path on each side. To accommodate the SUP, the number of lanes is being reduced to three and new TL-3 traffic railings are being installed between the SUP and the travel lanes. Decorative pedestrian lighting will be coordinated with the adjacent Tampa Riverwalk.



Numerous steel members, including the main girders, floorbeams, and stringers were repaired, and the bascule span cleaned and painted. New cantilever brackets support the proposed shared use path and additional steel framing were added to accommodate the TL-3 traffic railings. New sidewalk planking and pedestrian handrails were used for the shared use path. The pedestrian railing accommodated decorative pedestrian lighting that complemented the lighting on the adjacent Tampa Riverwalk. The open steel grid deck and concrete filled grid deck were also replaced.

The electrical scope provided a new 480V electrical service and a new motor control center, lighting panel and step-down transformer. A new submarine cable and generator set are provided, and new LED navigation lights are installed. New roadway lighting and decorative pedestrian lighting are specified.

The mechanical scope included rehabilitation of the span lock guides and receivers and rehabilitation of the span lock linkage system. The reducer gears were reconditioned, and new seals, bearings and breathers were installed. The live load shoes and rear stop assemblies were reconditioned, and a new auxiliary drive system were installed.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL	(3) ROLE Subconsultant
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**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

6

21. TITLE AND LOCATION *(City and State)*

**Circus Bridge NB/SB rehabilitations**  
Venice, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2017

CONSTRUCTION (if Applicable)  
2018

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

FDOT District 1

b. POINT OF CONTACT NAME

Jim Jacobsen, PE

c. POINT OF CONTACT TELEPHONE NUMBER

813.612.3355

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

H&H provided design services for rehabilitations to the movable span of the Circus Bridge NB/SB bascule bridge over the Intracoastal Waterway (Bridge Nos. 170167-NB, and 170168-SB).

Each bascule span has a 7-foot, 6.5-inch raised sidewalk adjacent to the outside shoulder. Existing aluminum sidewalk grating panels showed multiple cracked welds to the supporting steel framing (sidewalk stringers and cantilever brackets) and were replaced with new solid aluminum sidewalk plates and attached to existing steel framing. Approximately half of the existing steel open grid deck panels, specifically those positioned directly over the floorbeams, were replaced for this project. As a result of the change in weight of each leaf, all bascule leaves were re-balanced with adjustments made to the counterweight balance block configurations.

Numerous steel members, including the main girders, floorbeams, and stringers were cleaned and painted.

The mechanical scope of work for this project was limited to adjustments to live load shoes and span lock guides and receivers to ensure that deck alignment remained within tolerance after all rehabilitations were completed. Electrical rehabilitations were not included with scope of work for this project.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a. (1) FIRM NAME  
**H&H**

(2) FIRM LOCATION *(City and State)*  
Tampa, FL

(3) ROLE  
Subconsultant

**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

7

21. TITLE AND LOCATION *(City and State)*

**SR 826/Sunny Isles Boulevard Over ICWW Rehabilitation**  
Sunny Isles Beach, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2023

CONSTRUCTION (if Applicable)  
Ongoing

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

FDOT District 6

b. POINT OF CONTACT NAME

Geidy Coello

c. POINT OF CONTACT TELEPHONE NUMBER

305.470.5421

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The existing twin double-leaf bascule bridges carry four lanes of traffic (EB and WB) to and from Sunny Isles Beach.

H&H is providing engineering services for the rehabilitation of the twin double-leaf SR 826/Sunny Isles Bascule Bridges over the intracoastal waterway. Each of the twin bridge structures carry four lanes of traffic crossings with 16 prestressed AASHTO concrete and steel beams spans and a double-leaf trunnion bascule span at the main channel.

Design services included structural, mechanical, electrical rehabilitation, steel painting, deck grating replacement with wheel paths, vibration study of the control house, public involvement, permitting, traffic control plans, roadway, drainage, signing and pavement markings, and specifications, and construction cost estimates.

This design project will add bicycle lanes on Sunny Isles Boulevard, from SR A1A to NE 35th Avenue, and includes the addition of special bascule leaf grating details for improved bicycle safety.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.

(1) FIRM NAME  
**H&H**

(2) FIRM LOCATION *(City and State)*  
Tampa, FL

(3) ROLE  
Prime

**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

8

21. TITLE AND LOCATION *(City and State)*

**Gasparilla Island Swing Bridge Replacement**  
Gasparilla Island, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2015

CONSTRUCTION (if Applicable)

2016

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Gasparilla Island Bridge Authority

b. POINT OF CONTACT NAME

Kathy Banson-Verrico

c. POINT OF CONTACT TELEPHONE NUMBER

941.697.2271 (ext. 2)

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)



H&H provided comprehensive design services for replacement of the Gasparilla Island Swing Bridge, including field inspection, a PD&E study, complete design, and post-design engineering support. The PD&E study provided details on high-level fixed, swing, and bascule alternatives on north and south parallel alignments. A swing bridge on a southerly alignment was chosen to minimize environmental impacts to seagrass and mangroves and as to satisfy the SHPO Memorandum of Agreement.

H&H's design goals were to replicate the appearance of the existing bridge and position the new 225-foot main swing span off-center from the existing navigation channel and higher than the existing span, to allow the existing and new spans to operate during construction of the new bridge. The new swing span superstructure consists of steel girders similar in shape to the existing bridge, supporting an Exodermic concrete deck. The north approach consists of two 108-foot spans and the south approach consists of two 117-foot spans. The approach superstructure has Florida I-Beam prestressed beams (FIB) supporting a cast-in-place concrete deck. The total length of the new bridge, including approach spans, is 678 feet.

The new substructure consists of waterline footings founded on prestressed concrete piles and hammerhead-type piers supporting the superstructure. This was the first substructure designed to support a swing bridge using the FDOT navigation vessel collision loads and methodology. Mechanically stabilized wall systems support the approach embankments. The new bridge profile was designed higher than the existing to satisfy the Coast Guard requirements, reduce the number of bridge openings, and minimize storm surge wave crest impacts.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a. (1) FIRM NAME

**H&H**

(2) FIRM LOCATION *(City and State)*

Tampa, FL

(3) ROLE

Prime

**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

9

21. TITLE AND LOCATION *(City and State)*

**Sanibel Causeway Emergency Response**  
Fort Meyers/Sanibel Island, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2023

CONSTRUCTION (if Applicable)  
2023

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

FDOT District 1

b. POINT OF CONTACT NAME

Kati Sherard, PE

c. POINT OF CONTACT TELEPHONE NUMBER

863.519.2590

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

H&H provided emergency engineering design services for the restoration of the Sanibel Causeway, which suffered extensive damage during Hurricane Ian in 2022. A combination of structural failures of the existing mechanically stabilized earth (MSE) retaining walls and anchored concrete sheet pile seawalls along the bridge approaches, and large full breaches of the earthen causeway and roadways between the bridges prevented vehicle access to Sanibel Island.

Under the initial phase of the project, temporary repairs, restored emergency vehicle access to Sanibel Island in only 6 days after receiving Notice-to-Proceed. This was accomplished with more than 1,000 trucks of earth fill placed along the failed retaining walls with side slopes stabilized by temporary sheet pile walls along the toe of slopes. Breaches in the causeways were restored with the earth fill. This work was immediately followed by armoring of the initial repairs with limestone rip rap to maintain integrity of the the temporary embankments, and to establish safe conditions for the general public, until more permanent repairs could be designed and constructed. The final phase consisted of design and construction of new permanent steel sheet pile walls and steel combination walls (a.k.a. King pile walls) with limestone rip rap scour countermeasures, designed for future corrosion in the extremely aggressive marine environment and for protection against future major coastal storm events. Protection of the earthen causeway and roadway between the bridges from future scour and undermining consists of a combination of buried steel sheet pile walls and marine mattresses along these features.

H&H collaborated with the contractor joint venture team, FDOT District 1, and Central Office, and our design partner KCA to identify and understand the causes of the damage, design temporary repairs that could be rapidly constructed to restore service to emergency services and the general public as quickly and safely as practical, that could be implemented in a manner that permitted construction of economical and durable permanent repairs.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	<b>H&amp;H</b>	Tampa, FL	Subconsultant

**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

10

21. TITLE AND LOCATION *(City and State)*

**South Lake Avenue Culvert Replacement**  
Pinellas County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2018

CONSTRUCTION (if Applicable)  
2019

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Pinellas County

b. POINT OF CONTACT NAME

John Carpenter, PE

c. POINT OF CONTACT TELEPHONE NUMBER

727.464.3350

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

H&H provided design services for the replacement of deteriorating twin 66-inch diameter culverts under South Lake Avenue between Jeffords Street and Barry Road.

The project involved roadway, sidewalk, drainage, and structural design, traffic control, and utility coordination. Post design services included field inspection, shop drawing review, requests for information, and coordination with contractor and construction engineering inspector.

The cross drain was designed in accordance with Pinellas County criteria and Southwest Florida Water Management District (SWFWMD) regulations. A SWFWMD general permit package was prepared for this project.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a. (1) FIRM NAME  
**H&H**

(2) FIRM LOCATION *(City and State)*  
Tampa, FL

(3) ROLE  
Prime

<b>Roadway</b>	<b>PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER <b>1</b>
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21. TITLE AND LOCATION <i>(City and State)</i> <b>Pinellas County Roadway, Drainage, Structural, Civil, and Traffic Engineering Consulting Services</b> Pinellas County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2025</b>	CONSTRUCTION (if Applicable) <b>N/A</b>

<b>23. PROJECT OWNER'S INFORMATION</b>
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a. PROJECT OWNER <b>Pinellas County</b>	b. POINT OF CONTACT NAME <b>Ann Venables, AICP, ENV SP</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>727.464.3640</b>
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<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>
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H&H serves as a prime consultant for Pinellas County for professional engineering services for planned infrastructure improvements. Under this project, we have completed multiple Task Work Orders. Key projects are noted below.



**East Lake Drive (CR 77) at Hollin Creek Culvert:** Prepared design plans for the replacement of the Hollin Creek culvert at East Lake Dr. Also included the preparation of the Storm Water Pollution Prevention Plan and permit packages for three environmental permits, SWFWMD Notice General Permit, COE Nationwide Permit 3, and FDEP NPDES permit.

**Pinellas Trail from Ponce De Leon Blvd to Woodlawn Ave:** Completed a Preliminary Engineering Report and analysis to study the severe embankment erosion along a portion of the Pinellas Trail. The study resulted in H&H preparing the final design plans, drainage plans, and the SWFWMD and COE permit packages. H&H is currently involved in post-design services for the construction of this project.

**46th Avenue North Roadway and Sidewalk Design (Pinellas County).** This safety improvement project includes roadway reconstruction, drainage design, and sidewalk additions for 46th Avenue North. The project consists of replacing the existing pavement due to base failure, extending the existing box culvert in both directions, constructing ADA compliant sidewalks, and adding curb ramps and driveways on both sides of road as well as incidental work along 46th Avenue North, a length of approximately 0.5 miles. A mid-block crossing will also be added using Rapid Flashing Beacons (RFBs). Additional improvements will include connections to future sidewalk and trail projects by Kenneth City.

**5th St & 46th Ave Railroad Crossing Improvements.** H&H is providing roadway design and plans preparation, including signing and pavement marking. This project involves developing plans and specifications and performing all other professional engineering design work for reconstruction of the 35th Street & 46th Avenue Railroad Crossings in Pinellas County.

<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>
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a. (1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>Tampa, FL</b>	(3) ROLE <b>Prime</b>
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**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

2

21. TITLE AND LOCATION *(City and State)*

**46th Avenue N from 49th Street N to 37th Street N**  
Pinellas County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
**Ongoing**

CONSTRUCTION (if Applicable)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

**Manatee County**

b. POINT OF CONTACT NAME

**Scott Baird**

c. POINT OF CONTACT TELEPHONE NUMBER

**727.464.3640**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Under Pinellas County's Engineering Consulting Services contract, H&H developed a preliminary engineering report to evaluate the following: shoulders, ADA compliant sidewalks and pedestrian crossings, curb and gutter, street lighting, and on-street parking, as well as intersection and drainage improvements along 46th Avenue North from West of 49th Street North to 37th Street North in Lealman, Florida. The project will also extend sidewalk along 40th Street North from 46th Avenue North to north of Low Street and connect to the park entrance. Drainage, environmental floodplains, and utility impacts from these improvements were also evaluated.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL	(3) ROLE Subconsultant
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**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

3

21. TITLE AND LOCATION *(City and State)*

**I-75 / SR 50 Improvements Design-Build**  
Hendry County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2019

CONSTRUCTION (if Applicable)  
2021

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

FDOT District 7

b. POINT OF CONTACT NAME

Charlie Xie, PE

c. POINT OF CONTACT TELEPHONE NUMBER

813.975.6173

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

I-75 is a vital route for tourism and commerce in Florida. This six-mile segment was the last to be improved between Tampa and the Georgia state line. H&H was part of the design-build team.

Key project elements included:

- Widening and reconstruction of six miles of I-75 in Hernando County.
- Widening and reconstruction of SR 50 with Portland Cement Concrete.
- Interchange Reconstruction at SR 50 to provide a longer span for SPUI operations.
- The SR 50 bridge span was designed to accommodate eight lanes of traffic and a trail along SR 50, as well as multiple left-turn lanes from SR 50 and the exit ramps.

As a subconsultant, H&H designed the traffic control for the entire project and designed the new I-75 bridge over SR 50. The new structure is the largest simple span bridge in Florida.

The design of the multi-phase traffic control plan required H&H designers to work with multiple design disciplines as well as contractor staff to ensure that the project was built safely and efficiently. Key features of the traffic control plan included:

- A temporary widening of the existing southbound I-75 bridge for two-way traffic as the new NB span was constructed.
- Use of the existing piers as temporary shoring towers for the erection of the beams for the new span.
- Maintaining all interchange turning movements and local property access while concrete was poured and cured.
- Maintaining bicycle and pedestrian movements through the interchange with gravity wall under an existing end span.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL	(3) ROLE Subconsultant
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**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION <i>(City and State)</i> <b>Riverside Drive Drainage Improvements</b> Pinellas County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES  2021	CONSTRUCTION (if Applicable)  2022

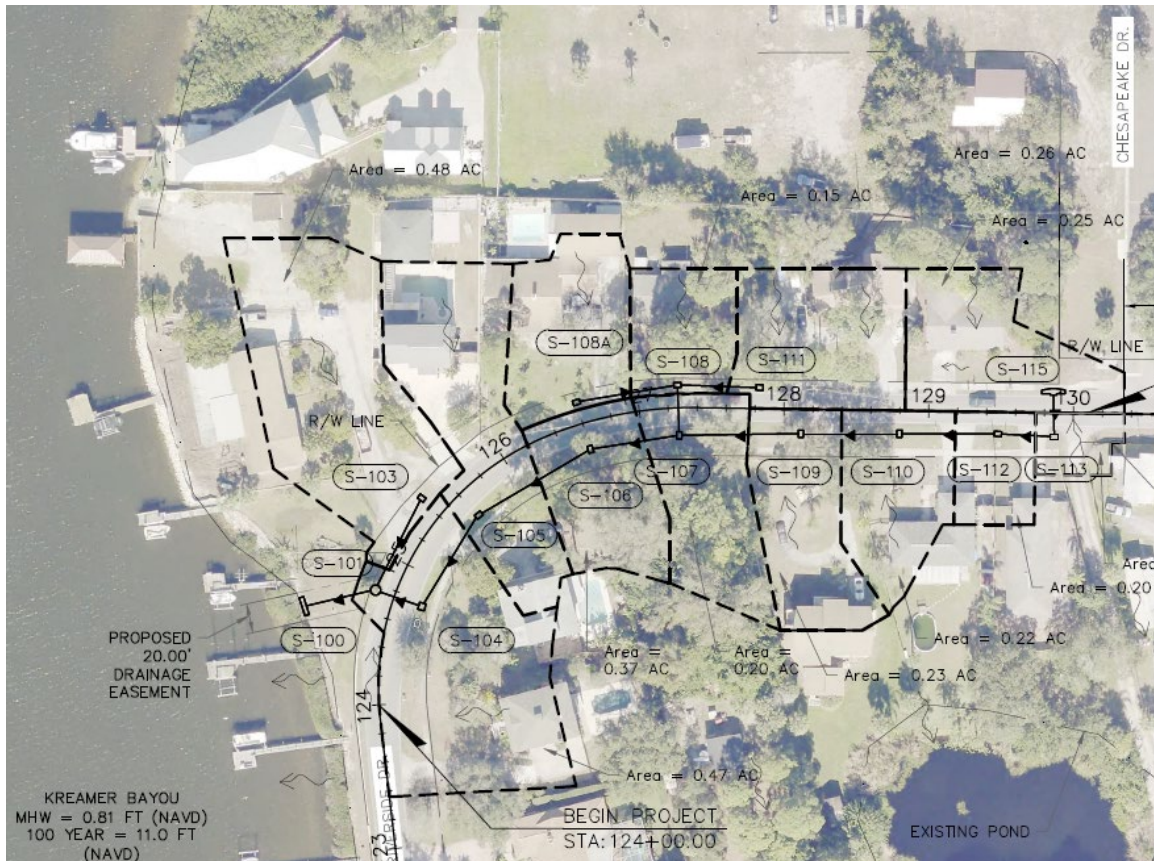
**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER  Pinellas County	b. POINT OF CONTACT NAME  Ann Venables, AICP, ENV SP	c. POINT OF CONTACT TELEPHONE NUMBER  727.464.3640
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

This project involved milling and resurfacing of the existing roadway and replacement and/or modification of existing sidewalk and driveways.

H&H is provided drainage design improvements for Riverside Drive, approximately 0.2 miles west of Chesapeake Drive in Pinellas County. The project improvements include a new storm drainage system and outfall that discharges into Kreamer Bayou. Drainage improvements were designed in accordance with Pinellas County criteria and Southwest Florida Water Management District (SWFWMD) regulations. A SWFWMD permit exemption package was prepared for this project.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL	(3) ROLE Prime
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**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

5

21. TITLE AND LOCATION <i>(City and State)</i> <b>SR 789 (Little Ringling) PD&amp;E Study with Design</b> Sarasota County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (if Applicable) 2018

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>Sarasota County</b>	b. POINT OF CONTACT NAME <b>Patrick Bateman, PE</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>863.519.2792</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

H&H provided concurrent PD&E and final design services for the Little Ringling Bridge Replacement from Bird Key Drive to Sarasota Harbour West for FDOT D1. H&H's scope to develop and evaluate all aspects of various design alternatives included: PD&E Study using FDOT's SWEPT process for NEPA documentation, structural engineering, roadway, temporary traffic control and drainage design, architecture, and roadway lighting.

The bridges cross the Coon Key Waterway, a navigable channel, and provides the only connection from downtown Sarasota to St. Armand's Key and Lido Key. The current prestressed stringer bridge is the second bridge that has existed at this location, with the original replaced in 1958. Several sections of the deck were replaced on the northbound bridge in 2016 along with other repair-type work throughout the years. Each existing bridge has two 12-foot travel lanes and a 5-foot-wide sidewalk on both sides. There were no existing shoulders or designated bicycle facilities across the bridge.

Alternate alignments within the existing right-of-way including single-bridge and twin bridge alternatives, as well as alternate vertical alignments, were evaluated and presented to the public. The preferred alternative that was advanced for design consists of a single bridge with two travel lanes in each direction, a dedicated transit lane, bicycle lanes, and a shared use path in each direction. Design plans were advanced to the 60% level to coincide with the Public Hearing for the PD&E study.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>Tampa, FL</b>	(3) ROLE <b>Subconsultant</b>
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**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

6

21. TITLE AND LOCATION <i>(City and State)</i> <b>Palmetto Park Road, Shared Use Path</b> Palm Beach County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (if Applicable) 2019

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER FDOT District 4	b. POINT OF CONTACT NAME Justin Hall	c. POINT OF CONTACT TELEPHONE NUMBER 813.975.6061
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

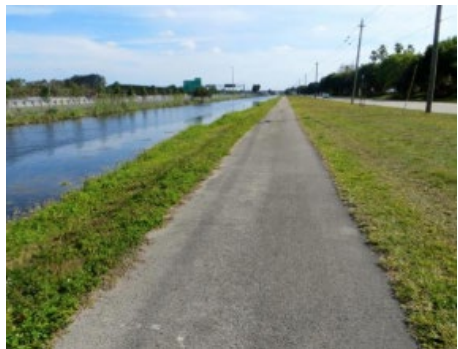
H&H provided engineering and post design services to replace an existing seven-mile long substandard path from Sandalfoot Cove to Boca Raton.

H&H's scope of work included the development of the shared use path design including design criteria, typical sections, horizontal and vertical geometric design, and pavement design.

The features of the new path included a 10-foot width to accommodate two-way pedestrian and bicycle traffic, improved geometrics to comply with the latest shared use path criteria for a bicycle design speed of 20 mph, and upgrade all curb cut ramps at intersections to comply with ADA standards.

The seven-mile shared use path offers a convenient connection between residences, busy shopping areas (such as Palmetto Park Square), and recreational amenities (Sugar Sand Park and Veteran's Park).

H&H also provided prost design services.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL	(3) ROLE Subconsultant
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**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

7

21. TITLE AND LOCATION *(City and State)*

**East Lake Drive (CR 77) at Hollin Creek Culvert**  
Pinellas County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2015

CONSTRUCTION (if Applicable)  
2017

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Pinellas County

b. POINT OF CONTACT NAME

Tom Menke, PE

c. POINT OF CONTACT TELEPHONE NUMBER

727.464.3611

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

H&H developed a preliminary set of plans for an emergency "in-kind" replacement of an existing 30-foot-long, double 78-inch by 60-inch culvert for East Lake Drive (CR 77) at Hollin Creek in northern Pinellas County. This "in-kind" replacement approach was specified since it allowed for a replacement in a limited schedule without environmental mitigation. Coordination with Pinellas County indicated a preference to consider the following factors:

- Replacement of the culvert based on the Pinellas County's Stormwater Master Plan
- Roadway improvements in conformance with the Florida Department of Transportation (FDOT) Green Book
- Improved economy with a two-phase construction sequence
- Elimination of utility relocation as a constraint

This project also included the preparation of the Storm Water Pollution Prevention Plan and permit packages for three environmental permits, SWFWMD Notice General Permit, USACE Nationwide Permit 3, and FDEP NPDES permit.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a. (1) FIRM NAME

**H&H**

(2) FIRM LOCATION *(City and State)*

Tampa, FL

(3) ROLE

Prime

**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

8

21. TITLE AND LOCATION *(City and State)*

**Honore Avenue at Cooper Creek Boulevard**  
Manatee County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2021

CONSTRUCTION (if Applicable)

2022

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Manatee County

b. POINT OF CONTACT NAME

Eric Shroyer, PE

c. POINT OF CONTACT TELEPHONE NUMBER

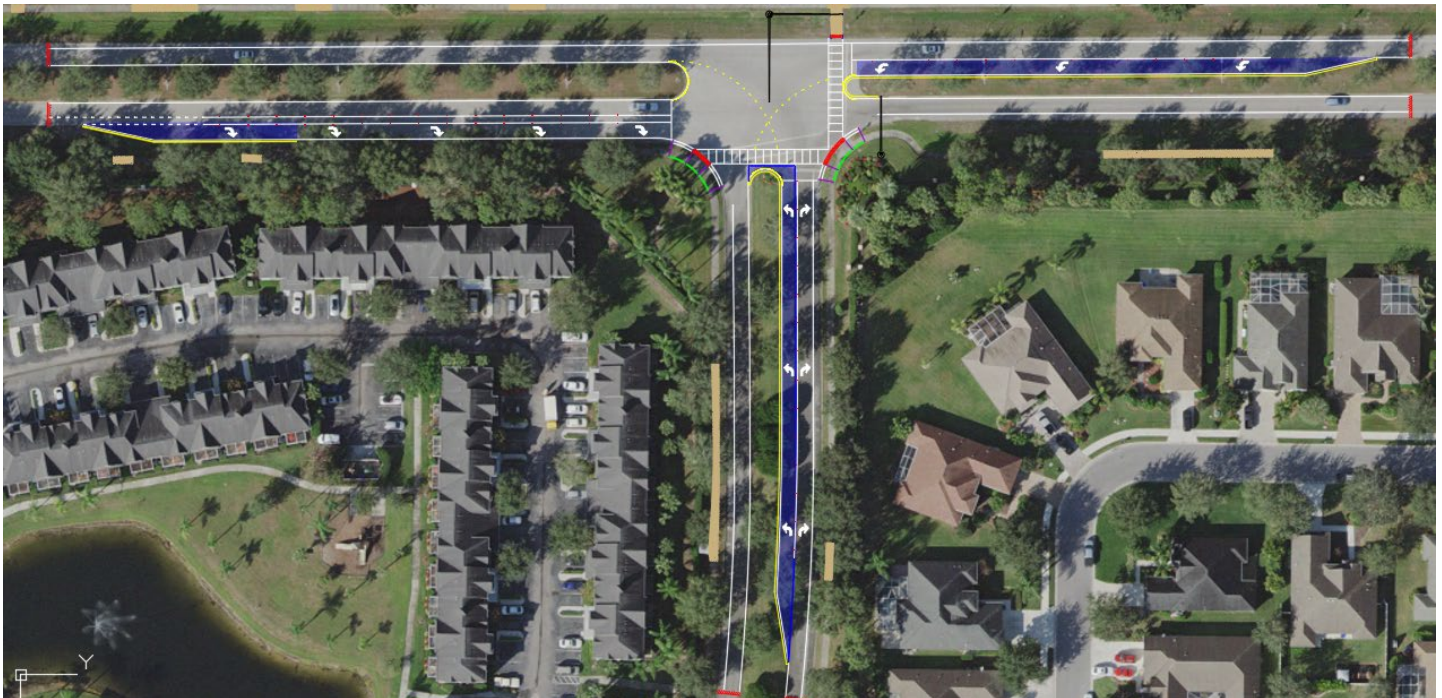
941.708.7450 ext 7344

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The Honore Avenue and Cooper Creek Boulevard intersection project was adopted by the Manatee County Board of Commissioners as part of the County's Infrastructure Sales Tax Transportation Intersection Improvements project. This intersection operated under stop control for the west approach from Cooper Creek Boulevard. The scope included a new traffic signal with mast arm supports and pedestrian accommodations, widening for turn lanes, and providing ITS infrastructure.

For this urban collector intersection improvement project, H&H provided roadway, drainage, signing and pavement marking, miscellaneous structures and lighting design, including ADA-improvements. The ADA and safety improvements include reconstructing existing sidewalks that needed replaced to meet ADA criteria, new curb ramps, new pedestrian signals, high emphasis crosswalk markings and new intersection signs. Two new mast arms were designed for this three-leg intersection, as well as ITS and signalization upgrades. Roadway improvements included widening the existing roadway to develop new southbound and westbound left-turn lanes and lengthened the existing northbound right-turn lane.

The lighting was upgraded to provide additional safety for the signalized pedestrian crossing. These lighting improvements required the development of a Lighting Design Analysis Report (LDAR) which includes Voltage Drop Calculations, Load Analysis, and Photometric Point-to-Point Calculations.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a. (1) FIRM NAME

**H&H**

(2) FIRM LOCATION *(City and State)*

Tampa, FL

(3) ROLE

Prime

**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

9

21. TITLE AND LOCATION *(City and State)*

**46th Avenue North Roadway and Sidewalk Design**  
Pinellas County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2021

CONSTRUCTION (if Applicable)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Pinellas County

b. POINT OF CONTACT NAME

Scott Baird

c. POINT OF CONTACT TELEPHONE NUMBER

727. 464.8935

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

This safety improvement project includes roadway reconstruction, drainage design, and sidewalk additions for 46th Avenue North from West of Drainage Outfall along 55th Street North corridor to 49th Street North.

The project consists of replacing the existing pavement due to base failure, extending the existing box culvert in both directions, constructing ADA compliant sidewalks, and adding curb ramps and driveways on both sides of road as well as incidental work along 46th Avenue North, a length of approximately 0.5 miles in Pinellas County, Florida. A mid-block crossing will also be added using Rapid Flashing Beacons (RFBs). Additional improvements will include connections to future sidewalk and trail projects by Kenneth City.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a. (1) FIRM NAME  
**H&H**

(2) FIRM LOCATION *(City and State)*  
Tampa, FL

(3) ROLE  
Prime

**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

10

21. TITLE AND LOCATION <i>(City and State)</i> <b>South Lake Avenue Culvert Replacement</b> Pinellas County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (if Applicable) 2019

**23. PROJECT OWNER'S INFORMATION**

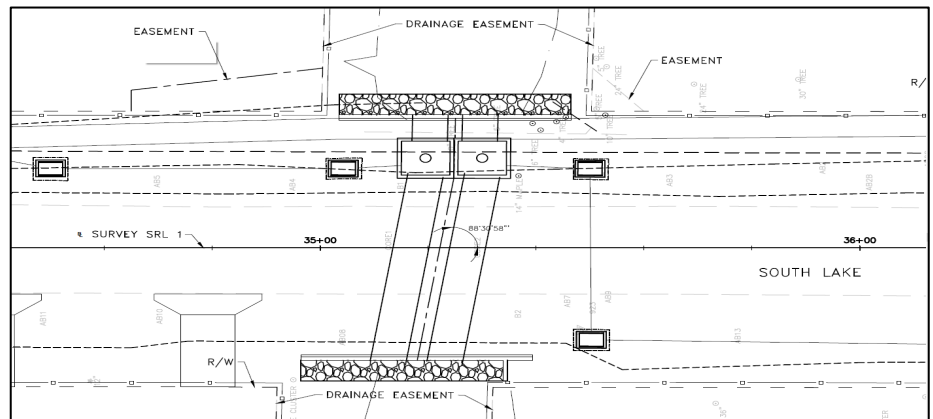
a. PROJECT OWNER Pinellas County	b. POINT OF CONTACT NAME John Carpenter, PE	c. POINT OF CONTACT TELEPHONE NUMBER 727.464.3350
-------------------------------------	--	--

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

H&H provided design of a replacement of twin 66-inch corrugated metal pipe (CMP) culverts under South Lake Avenue. At the onset of the project, the geotechnical investigation revealed unexpected unsuitable soils under the culvert, as well as the approach roadway. These conditions led to a rescoping of the project to provide an alternatives analysis for the partial reconstruction of South Lake Avenue.

The Preliminary Engineering Report (PER) documented the extent of unsuitable materials and analyzed different options for stabilizing the subgrade. The PER also addressed hydraulic conditions, utility impacts and constructability. The final recommendation included:

- The removal of unsuitable soils between Barry Road and Jeffords Street.
- The replacement of twin 66-inch CMP culverts with 66-inch Reinforced Concrete Pipe.
- The reconstruction of the roadway and the replacement of an impassable sidewalk.



The cross drain was designed in accordance with Pinellas County specific criteria using ICPR stormwater water modelling and Southwest Florida Water Management District (SWFWMD) regulations. A SWFWMD general permit package was obtained.

The project included roadway and ADA compliant sidewalk design with safety improvements. The project also included structural design for non-standard headwalls, and sheet pile walls to keep construction within a limited ditch and roadway ROW. Other disciplines included traffic control for the closed roadway, and utility relocation with conflict structures. H&H continued with post design services which included field inspections, shop drawing reviews, answering requests for information, and coordination with contractor and construction engineering inspector.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL	(3) ROLE Prime
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**Construction**

**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION *(City and State)*

**Gator Canal Bridge Replacement**

Collier County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2021

CONSTRUCTION (if Applicable)

2021

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Collier County

b. POINT OF CONTACT NAME

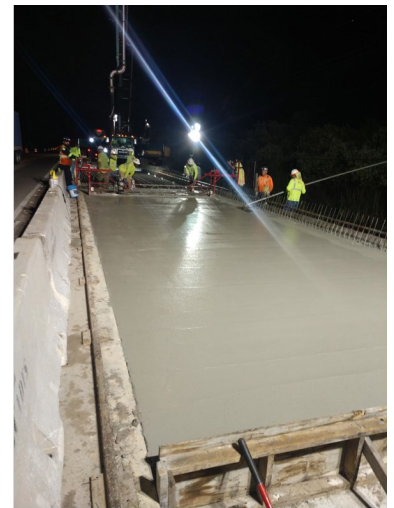
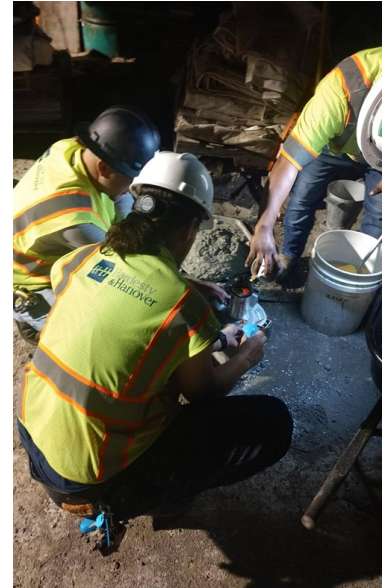
John Conti

c. POINT OF CONTACT TELEPHONE NUMBER

239.253.0354

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This Collier County project required the replacement of the structurally obsolete bridge spanning Gator Canal on CR 836. The construction was phased to maintain two-lane traffic as Immokalee Road was the main route to downtown Naples for the roughly 30,000 Immokalee residents. Maintaining two lanes of traffic was made difficult as the current bridge constructed in 1955 (widened in 1977) had many deficiencies in the timber pile foundations as noted in FDOT bridge inspection reports. Additionally, workers had to remain cognizant in the tight work zone and staging areas due to vehicles traveling at a high rate of speed and a high volume of truck traffic. The new bridge was founded on 24-inch square piles with cast-in-place (CIP) caps and a 1-foot, 6-inch CIP deck. The new bridge was constructed wider to accommodate 12-foot travel lanes and 10-foot shoulders. Guardrail, shoulder widening, milling and resurfacing, and riprap completed the work. Steve served as the Senior PE and was responsible for the performance of the team. His duties included claim mitigation, schedule reviews, reviewing contract documents, attending progress meetings, reviewing progress pay estimates and change orders, preparing CEI monthly invoices, and ensuring field staff had the proper training and equipment.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.

(1) FIRM NAME  
**H&H**

(2) FIRM LOCATION *(City and State)*  
Port Charlotte, FL

(3) ROLE  
Prime

**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

2

21. TITLE AND LOCATION *(City and State)*

**Veterans Memorial Boulevard Phase I Design-Build**  
Collier County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2023

CONSTRUCTION (if Applicable)  
2023

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Collier County

b. POINT OF CONTACT NAME

Bee Thao

c. POINT OF CONTACT TELEPHONE NUMBER

239.206.0194

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

H&H served as a prime consultant for Collier County, providing CEI services for the roadway extension and widening of Veterans Memorial Boulevard. Phase I is a design-build contract that extends and widens 1.4 miles of existing road while adding three signalized intersections, concrete sidewalks, and street lighting throughout the length of the project. The project installed more than 4,000 feet of watermain and force main, as well as several thousand feet of drainage pipe with structures leading to new ponds. Multiple temporary traffic control (TTC) phases were required to construct the project.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a. (1) FIRM NAME  
**H&H**

(2) FIRM LOCATION *(City and State)*  
Port Charlotte, FL

(3) ROLE  
Prime

**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

3

21. TITLE AND LOCATION <i>(City and State)</i> <b>Old CR 78 Sidewalk CEI</b> Hendry County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (if Applicable) 2021

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>Volusia County</b>	b. POINT OF CONTACT NAME <b>Jorge Hernandez</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>863.612.4726</b>
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

This LAP project scope was to install sidewalks with cast-in-place truncated domes along Old CR 78 from CR 78 to SR 29. Work included the installation and modification of drainage structures, new 18-inch RCP drainage pipe, driveways, curb and gutter, guardrail, signs, and application of thermoplastic painted pavement markings.

We successfully completed the project on schedule and under budget. Changes were made during construction to accommodate the requests of residents. Significant coordination was required to ensure homeowners had access to their driveways throughout phased construction of the project. Positive feedback was received from both residents and users of the new sidewalk. Maintaining bicycle and pedestrian movements through the interchange with gravity wall under an existing end span.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> Port Charlotte, FL	(3) ROLE Prime
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**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION <i>(City and State)</i> <b>Harlem Community Sidewalks LAP Project</b> Pinellas County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES  2021	CONSTRUCTION (if Applicable)  2021

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER  Pinellas County	b. POINT OF CONTACT NAME  Jorge Hernandez	c. POINT OF CONTACT TELEPHONE NUMBER  863.612.4726
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

This LAP project scope required the installation of 1480 SY sidewalks with cast in place truncated domes within the Harlem Community in Clewiston, Florida. Work also included driveway replacements, installation of mitered end sections and ditch construction with ditch bottom inlets and associated RCP piping. Sign installations, sodding, and application of thermoplastic painted pavement markings complete the project. This was our second successful LAP project with Hendry County with no errors identified during EEO compliance audits.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> Port Charlotte, FL	(3) ROLE Prime
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**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

5

21. TITLE AND LOCATION <i>(City and State)</i> <b>Golden Gate Parkway over Santa Barbara Canal Bridge Replacement Design-Build</b> Collier County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2023	CONSTRUCTION (if Applicable) 2023

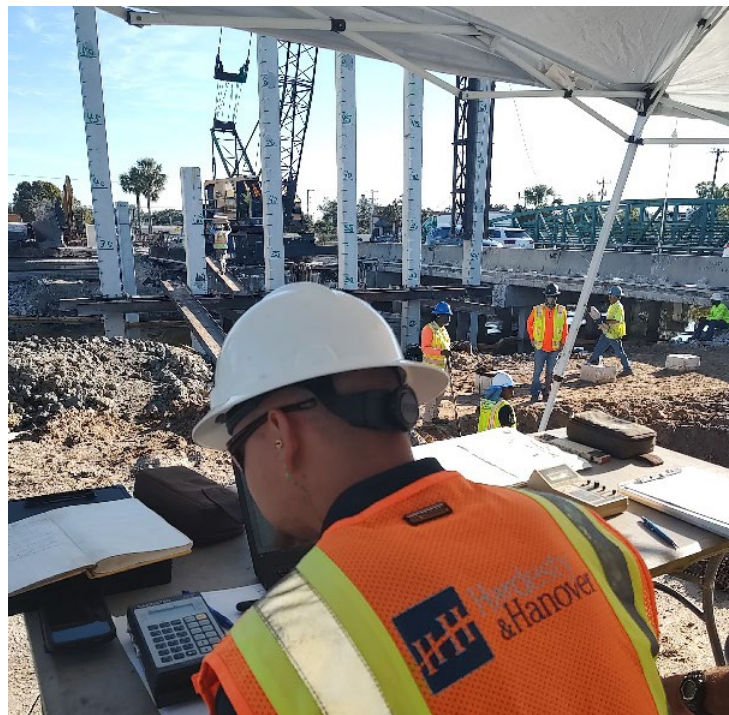
**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>Collier County</b>	b. POINT OF CONTACT NAME <b>Dennis McCoy</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>239.253.1154</b>
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

H&H served as a prime consultant providing CEI services for the bridge replacement crossing the Santa Barbara Canal on Golden Gate Parkway. This project replaced the existing four-lane bridge with a new four-lane structure that is wide enough to accommodate sidewalks and shoulders. This will allow the removal of two prefabricated steel pedestrian bridges.

This project required embankment operations for roadway fill as well as drainage pipe and structure installation. Additionally, sidewalk construction was necessary, and we monitored to ensure compliance with ADA requirements and the specifications.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL	(3) ROLE Subconsultant
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**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S  
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY  
NUMBER

6

21. TITLE AND LOCATION *(City and State)*

**Lee County Sidewalks CEI Services**  
Palm Beach County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

CONSTRUCTION (if Applicable)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Lee County

b. POINT OF CONTACT NAME

Avelino Cancel, PE

c. POINT OF CONTACT TELEPHONE NUMBER

239.533.9416

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Removing and replacing damaged sidewalk due to Hurricane Irma within multiple communities throughout Lee County. ADA improvements and drainage adjustments are also required under this contract.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	(1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL	(3) ROLE Subconsultant
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**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

7

21. TITLE AND LOCATION *(City and State)*

**Gasparilla Island Swing Bridge Replacement CEI Services**  
Charlotte County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
**Ongoing**

CONSTRUCTION (if Applicable)  
**N/A**

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

**Gasparilla Island Bridge Authority**

b. POINT OF CONTACT NAME

**Kathy Banson-Verrico**

c. POINT OF CONTACT TELEPHONE NUMBER

**941.697.2271 ext. 2**

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

H&H provides miscellaneous services under this contact. Tasks awarded under this contract include:

**Providing On-Call Assignments for Bridge Issues.** H&H has been retained on several occasions to troubleshoot issues encountered during operation of the bridge. Assignments have included addressing noises within mechanical components which were covered under manufacturer's warranty, the malfunction of a drive motherboard, failure of the bridge end lift to drive under generator power due to a faulty surge suppressor, limit switch malfunctions, shorting of electrical components and rewiring with spares, and PLC error messages.

**Performing New Swing Bridge Quarterly Inspection.** Steve meets with GIBA staff quarterly to inspect the project and review available documentation. He often provides recommendations for repairs of deficient items like concrete cracks and spalls and direction on how to monitor items between inspections so they can be reviewed during future inspections.

**Providing Annual Inspection Report Reviews.** In conjunction with the quarterly inspections above, Steve is tasked with reviewing annual bridge inspection reports, tracking the changes from previous reports, and discussing the findings with GIBA staff and their Engineering committee. Steve has attended the National Highway Institute's Inspection of In-Service Bridges course affording him the knowledge of how to interpret the findings of the report.

**Designing a repair for noise emanating from Bearing Pillow Block.** H&H designed a dowel repair using an FN2 fit to resist movement of the pinion bearing pillow block. This required close coordination with the Coast Guard as a bridge closure was necessary. The repair was implemented under the supervision of Steve and eliminated the noise.

**Developing an Auxiliary Jacking System Design.** GIBA desired to have an auxiliary jacking system designed and installed should a catastrophic event rendered the end lift reducer useless. Preliminary drawings by H&H designers were provided to H&H CEI staff. The CEI team constructed wooden prototypes of the jack stands to ensure the jack stands and system would fit due to very tight constraints. The drawings were modified based on the findings in the field which resulted in a system being installed correctly the first time. This was a great collaboration and highlights the strength of having one team perform both design and CEI.



**Performing Coating Analysis.** Findings in the annual bridge inspection report showed rusting of steel components which could not be reached by maintenance crews. GIBA requested an analysis of the existing coating system which was performed by NACE certified H&H paint inspectors. We also secured the TTC contractor and snooper truck to complete the work. A formal report detailing the findings, recommended approach, and estimates were provided.

**Hurricane Ian Damage Assessment.** H&H was responsible for assessing damages caused by Hurricane Ian. Our team mobilized, identified components requiring replacement, and assisted GIBA staff with adjusting machinery in the field. Though our efforts, we were able to get the bridge operational in one day.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>H&amp;H</b>	(2) FIRM LOCATION <i>(City and State)</i> Port Charlotte, FL	(3) ROLE Prime
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**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S  
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY  
NUMBER

8

21. TITLE AND LOCATION *(City and State)*

**Sanibel Diaphragm Repairs**  
Lee County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2021

CONSTRUCTION (if Applicable)  
2022

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Lee County

b. POINT OF CONTACT NAME

Avelino Cancel, PE

c. POINT OF CONTACT TELEPHONE NUMBER

239.533.9416

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

H&H CEI was assigned a task work order to provide CEI inspections of a diaphragm repair on the Sanibel bridge. Under this assignment, a plan review of the repair designed by others was performed by the CEI team and findings were shared with H&H designers. Through internal discussions, H&H determined the cracking was caused by beam creep and additional movement was not anticipated. Additionally, destructive testing was performed which revealed reinforcing steel was not installed per plan and the concrete had insufficient strength. H&H summarized that the repair could result in simple spall repairs performed by in house County staff. To prove this, we recommended that spall repair work occur above the maintenance road so that specialized equipment was not required over the waterway. This repair could be monitored through hot and cold seasons until April which is when the rehabilitation project was to begin. To date the repairs are holding up and the County does not anticipate the need to perform the rehabilitation contract, saving the County over \$1 million in construction costs and \$130,000 in H&H's CEI fee for the task. This is a great example of our firm's desire to provide exceptional service and cost savings through outside the box thinking.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.

(1) FIRM NAME  
**H&H**

(2) FIRM LOCATION *(City and State)*  
Port Charlotte, FL

(3) ROLE  
Prime



**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S  
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY  
NUMBER

9

21. TITLE AND LOCATION *(City and State)*

**Manatee County Bridge Counter Scour**  
Pinellas County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

CONSTRUCTION (if Applicable)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

FDOT District 1

b. POINT OF CONTACT NAME

Alex Adames, PE

c. POINT OF CONTACT TELEPHONE NUMBER

941.708.4402

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The projects included the following: New submarine cable installation at the SR 684 Cortez Bridge (Bridge No. 130006); Installation of articulated concrete block at the SR 64 over Wares Creek Bridge (Bridge No. 13150); Installation of non-structural cathodic protection pile jackets and spall and crack repairs at the Business US 41 over the Manatee River Bridge (Bridge No. 13010); Installation of fabric formed concrete riprap at the SR 64 over Manatee River Bridge (Bridge No. 13140).

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.

(1) FIRM NAME

**H&H**

(2) FIRM LOCATION *(City and State)*

Port Charlotte, FL

(3) ROLE

Prime

**PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S  
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY  
NUMBER

10

21. TITLE AND LOCATION *(City and State)*

**Traffic Signal Damage Assessment**

Lee County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2018

CONSTRUCTION (if Applicable)

2019

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Pinellas County

b. POINT OF CONTACT NAME

Mike Padgett

c. POINT OF CONTACT TELEPHONE NUMBER

239.707.9402

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

H&H was contracted to assess damages of 66 County signalized intersections in Cape Coral caused by Hurricane Ian. With only days noticed, our team mobilized and efficiently documented over \$2.5 million in damages.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a. (1) FIRM NAME

**H&H**

(2) FIRM LOCATION *(City and State)*

Port Charlotte, FL

(3) ROLE

Prime

**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS - STRUCTURES**

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Steven Nappi, PE	Project Manager / Const Management Services								X	X	
Stephan Heimburg, PE	Principal-in-Charge										X
Brendan O'Shea, PE, SSPC C-1/C-	QA/QC Constructability Review - Construction										
James Phillips, PE	QA/QC Constructability Review - Structures	X	X	X	X	X	X	X	X	X	
J. Webb Jones, PE	QA/QC Constructability Review - Roadway	X	X					X			X
James Newberry, PE, SE	Structural Design	X	X	X			X	X		X	X
Anlun Chen, PE, SE	Structural Design	X	X			X	X				X
Quinten Ozimek, PE, SE	Structural Design	X		X		X	X	X	X		
Robert Hideck, PE	Roadway/Intersection Design/TTC Plans				X						
Lindsey Skourellos, PE	Roadway/Intersection Design/TTC Plans										
Benjamin Bower, PE	Roadway/Intersection Design/TTC Plans				X						X
Robert Plocica, PE	Mechanical	X									
Marco Lara, PE	Electrical	X		X		X					
Jason Dunn, PE, CFM, ENV SP	Drainage	X		X		X					X
Zachary Gross, PE, CFM	Drainage										
Calvin Santarelli	CEI										
David Rancman	Geotechnical										

**29. EXAMPLE PROJECTS KEY**

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Beckett Bridge Replacement & Design	6	Circus Bridge NB/SB rehabilitations
2	Johns Pass Bascule Bridge Rehabilitation	7	SR 826/Sunny Isles Boulevard Over ICWW Rehabilitation
3	Volusia County Countywide Bridge Contract	8	Gasparilla Island Swing Bridge Replacement
4	SR 968/SW 1st Street Bascule Bridge over the Miami River	9	Sanibel Causeway Emergency Response
5	Cass Street Bridge/Brorein Street Bridge Bascule Rehabilitations	10	South Lake Avenue Culvert Replacement

**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS - ROADWAY**

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Steven Nappi, PE	Project Manager / Const Management Services										
Stephan Heimburg, PE	Principal-in-Charge	X	X	X	X	X	X	X	X	X	X
Brendan O'Shea, PE, SSPC C-1/C-	QA/QC Constructability Review - Construction										
James Phillips, PE	QA/QC Constructability Review - Structures										
J. Webb Jones, PE	QA/QC Constructability Review - Roadway	X	X	X		X		X	X	X	X
James Newberry, PE, SE	Structural Design	X									
Anlun Chen, PE, SE	Structural Design										
Quinten Ozimek, PE, SE	Structural Design										
Robert Hideck, PE	Roadway/Intersection Design/TTC Plans	X		X				X	X		
Lindsey Skourellos, PE	Roadway/Intersection Design/TTC Plans	X									
Benjamin Bower, PE	Roadway/Intersection Design/TTC Plans	X		X	X	X	X		X		
Robert Plocica, PE	Mechanical										
Marco Lara, PE	Electrical										
Jason Dunn, PE, CFM, ENV SP	Drainage	X	X		X				X	X	X
Zachary Gross, PE, CFM	Drainage		X						X	X	X
Calvin Santarelli	CEI										
David Rancman	Geotechnical										

**29. EXAMPLE PROJECTS KEY**

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Pinellas County Roadway, Drainage, Structural, Civil, and Traffic Engineering Consulting Services	6	Palmetto Park Road, Shared Use Path
2	46th Avenue N from 49th Street N to 37th Street N	7	East Lake Drive (CR 77) at Hollin Creek Culvert
3	I-75 / SR 50 Improvements Design-Build	8	Honore Avenue at Cooper Creek Boulevard
4	Riverside Drive Drainage Improvements	9	46th Avenue North Roadway and Sidewalk Design
5	SR 789 (Little Ringling) PD&E Study with Design	10	South Lake Avenue Culvert Replacement

**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS - CONSTRUCTION**

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Steven Nappi, PE	Project Manager / Const Management Services	X	X	X	X	X	X	X	X	X	X
Stephan Heimburg, PE	Principal-in-Charge										
Brendan O'Shea, PE, SSPC C-1/C-	QA/QC Constructability Review - Construction	X	X	X	X	X	X	X	X	X	X
James Phillips, PE	QA/QC Constructability Review - Structures										
J. Webb Jones, PE	QA/QC Constructability Review - Roadway										
James Newberry, PE, SE	Structural Design										
Anlun Chen, PE, SE	Structural Design										
Quinten Ozimek, PE, SE	Structural Design										
Robert Hideck, PE	Roadway/Intersection Design/TTC Plans										
Lindsey Skourellos, PE	Roadway/Intersection Design/TTC Plans										
Benjamin Bower, PE	Roadway/Intersection Design/TTC Plans										
Robert Plocica, PE	Mechanical										
Marco Lara, PE	Electrical										
Jason Dunn, PE, CFM, ENV SP	Drainage										
Zachary Gross, PE, CFM	Drainage										
Calvin Santarelli	CEI				X	X	X		X	X	X
David Rancman	Geotechnical				X	X	X				

**29. EXAMPLE PROJECTS KEY**

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Gator Canal Bridge Replacement	6	Lee County Sidewalks CEI Services
2	Veterans Memorial Boulevard Phase I Design-Build	7	Gasparilla Island Swing Bridge Replacement CEI Services
3	Old CR 78 Sidewalk CEI	8	Sanibel Diaphragm Repairs
4	Harlem Community Sidewalks LAP Project	9	Manatee County Bridge Counter Scour
5	Golden Gate Parkway over Santa Barbara Canal Bridge	10	Traffic Signal Damage Assessment



**Professional Engineering Services**  
**Continuing Services Contracts**  
***RFP No. 2024-14***

**Tab 5**

**Project Control/Approach**

# TAB 5: PROJECT CONTROL/APPROACH

## PROJECT UNDERSTANDING

H&H recognizes the City of North Port's continuing services contract is fundamentally different from single-project contracts. We will be available to respond to the City's needs and maintain an ongoing dialogue to plan for upcoming task work orders (TWO). This includes having additional staff from all disciplines available as needed. We have current and recent continuing contract experience for a several agencies, with assignments generating a more than \$500 million in construction value.

H&H is knowledgeable of continuing service contract as we are currently administering similar type contracts for Collier, Hendry, Lee, Manatee, and Pinellas Counties, FDOT District 1, 7, and Florida's Turnpike Enterprise, and GIBA. With this experience and the wealth of expertise of our team members, H&H is prepared to deliver the following services:

- ▶ Construction Engineering and Inspection (CEI)
- ▶ Roadway and drainage design
- ▶ Transportation Operations
- ▶ Bridge design and inspection
- ▶ Soil foundations
- ▶ Surveying and Mapping and Subsurface Utility Engineering
- ▶ Land Acquisition

## PROJECT MANAGEMENT APPROACH

Management is the allocation of resources to complete high-quality projects on time and within budget. These elements must be defined to provide the required resources to successfully deliver TWOs. Our team's management approach for this contract involves a single Project Manager (**Steven Nappi, PE**) with a multidisciplinary team of technical task leaders responsible for their respective portions of an assignment. This organization will ensure accountability. The tools that we use to manage our projects include a Project Execution Plan (PEP) that defines the specific process for completing the project, a quality control plan, and coordination.

### Project Execution Plan

The goal of our PEP is the delivery of the highest quality product, which will be achieved with established quality procedures, realistic schedules, team buy-in, and an independent verification process. The PEP is prepared to establish and define the production goals and objectives, methods, processes, project staff, organization, and quality control (QC) requirements that are necessary for the development and execution of the assignment. Items included in the PEP include:

- ▶ **General Information:** Project description, contact information, staffing, schedule, budget, and communication.

- ▶ **Project File Structure:** A project file will be set up and maintained in a central file system. The project file should contain all original hard copy and digital project documentation. The intent of this policy is to maintain these files in a central location.
- ▶ **Deliverables:** Identify major deliverables, the date deliverables are due, lead team member responsible for deliverable, and identify the Checker and Reviewer.
- ▶ **Scope of Work:** Include final Scope of Work. It serves to identify in detail all assignments and will be referenced throughout the progress of assignments to ensure all deliverables are included and the City's needs are met.
- ▶ **QC Plan:** Including responsibilities of key staff.
- ▶ **Project Closeout Procedures:** Within a reasonable time period, after the close of an assignment, Steve will complete and update the project's central file, purge it of unnecessary information, and transmit all project and quality-related records to the City, if required. Copies of documents transmitted to the client will be retained.

### Project Assignments

Project success is determined by the team assigned to provide the work. Upon notice to proceed for an assignment, Steve will work with the City's Project Manager to develop a scope, staff estimates, and budget. Once this information is obtained, he will work with our team's technical task leads to ensure proper team members, based on work experience, knowledge, and availability, are assigned to the task.

### Coordination

Proper coordination is an essential element of any successful project. Good coordination will result in consistent plans with approved documentation, deadline compliance, and a quality final product. Throughout the duration of the contract, internal team meetings will be held to confirm approaches and schedules. **Steve** will hold regularly scheduled progress meetings with key staff to ensure they are kept abreast of the current status.

### Influences on Design and Approach

There are a myriad of influences affecting a project. These influences define the final configuration of the project, but can also lead to conflicting decisions. H&H's goal is the delivery of a completed project conforming to the needs of the City and its customers. The following is our four-step approach to resolving these conflicts:

- ▶ Identification of design and coordination issues.
- ▶ Design of the preferred configuration.
- ▶ Brainstorming to identify concepts addressing issues and potential subsidiary impacts.
- ▶ Attainment of consensus through coordination with impacted stakeholders and the City.

# TAB 5: PROJECT CONTROL/APPROACH

## Constraints

Most constraints are uncovered during the preliminary design process. The key to the successful on-budget, on-time delivery of any project is uncovering constraints early in the design process. Design high water, existing right-of-way, and subsurface geotechnical conditions are typically known design constraints uncovered during preliminary design. More subtle constraints include proximity to environmentally-sensitive lands, aviation facilities, or public involvement commitments.

## Concerns

The keys to addressing concerns are the experience of the team in dealing with known issues, our team's flexibility in dealing with evolving issues, and its ability to be innovative in resolving new issues. Known concerns that are common to many City roads include:

- ▶ The proportion of tourist traffic using major arterials.
- ▶ Potential utilization as Hurricane evacuation routes.
- ▶ Delivery of increased traffic demand in rural areas.

To address these issues our team can employ a number of strategies including:

- ▶ Destination signage, particularly during construction, will be critical to limiting operational impacts associated with driver indecision.
- ▶ Roadway grades and drainage systems will be checked for suitability for evacuation usage.
- ▶ A proactive public involvement program to educate the public on project benefits and mitigate adverse impacts.

## Final Design

Our approach to project development focuses on a multidisciplinary team-based holistic approach to design, rather than a discipline-by-discipline analysis of issues. In order to achieve this goal, our team will adhere to the following guidelines:

- ▶ Compliance with policies and procedures in developing innovative solutions to the projects constraints and operational improvements.
- ▶ Maintaining successful working relationships with staff through effective coordination and communication in order to provide efficient and effective solutions.
- ▶ Offering a team comprised of established professionals who are committed to the City of North Port and will provide continuity of management and technical staff throughout the life of the project.

## Construction Engineering and Inspection

A common theme in our approach to continuing services contracts is being proactive. With any project, we begin with a thorough review of all contract documents. This

review provides us with a summarization of our findings that require attention, which we share at a pre-service meeting. A pre-construction meeting will be scheduled with the selected contractor and stakeholders to share pertinent information. We will also ask project-specific questions to understand how the contractor anticipates performing the work and staying on task to meet the assignment's goals.

Once construction begins, field staff will monitor construction operations closely, ensuring conformance with contract documents, documenting quantities, and summarizing work on daily reports of communication. Both Steve and Calvin will spend a considerable amount of time in the field to give the project a global view of the work. As they are not "in the trenches" they are able to see the big picture and assist inspection staff with looking ahead for potential issues. Through meticulous documentation and a detailed filing system, project closeout documents are easily delivered to the City along with a quality project.

Our staff places a high emphasis on cost and time overruns. The allowable threshold on FDOT projects was to keep project overruns within 10% cost and 20% time. Our staff strives to meet or exceed this threshold by applying our proactive efforts and providing innovative solutions.

Lee County realized these efforts on the US 41 Pedestrian Lighting project where Steve served as the Senior Project Engineer. By looking ahead, he identified areas of concrete sidewalk that were in good condition and slated to be replaced. Conversely, he identified several areas of sidewalk that were deficient and did not meet current Americans with Disabilities Act (ADA) standards. Steve coordinated with the County's Project Engineer and was able to replace the deficient sidewalk using underruns for the sidewalk not requiring replacement resulting in the facility meeting ADA without additional funds being required. Another issue regarding time presented itself when the proprietary provider of the decorative light poles did not send one luminaire attachment. Steve was able to work with the contractor to move ahead with substantial completion walkthroughs while they waited for the fabrication of the missing component, allowing the County to use the facility within the 20% time threshold.



# TAB 5: PROJECT CONTROL/APPROACH

## PROJECT APPROACH

H&H is firmly committed to bringing our successful continuing services management approach to this contract based on the following three fundamentals:

1. Timely responses to all City requests.
2. Staffing TWOs with highly qualified, experienced staff who have relevant knowledge gained on similar assignments. Our depth of engineering and project management staff gives H&H the ability to execute several task orders simultaneously.
3. Emphasis on delivering finished products on time and within the established budget.

We recognize this contract requires support across several disciplines and experience, including potential short-notice and emergency assignments. H&H has provided identical multi-faceted services to other clients under previous TWO assignments. H&H has a staff of experienced and diverse employees available to support the City with any project. To complete the design of any project, the City requires a consultant team that:

- ▶ Will take the initiative to understand the project goals.
- ▶ Will become familiar with the Project Concept and has the experience to resolve the unique issues associated with the concept.
- ▶ Can seamlessly integrate the documents prepared by the various technical disciplines into a single set of coordinated construction documents for the project.
- ▶ Understands the influences using specific experience and knowledge and a tool box of ideas.
- ▶ Uses a tried-and-true approach that meets City's preferences and requirements.

The H&H team uniquely fulfills these requirements, based on the combined experience of our principals, staff, and subconsultants. The project development graphic depicts our understanding of the challenges of the design process for any project.

The inner areas represent the history and core concepts of the project. Moving outward from the center, the next ring represents the project design itself. Next are the major influences defining the final configuration of this project. Moving outward again, the next ring represents H&H's approach to each project and the management tools that will be employed. The outer ring represents H&H's commitment of personnel and project management resources to complete a project in a timely manner.



## ADHERENCE TO TIME AND MONEY CONSTRAINTS

The key measures of success include meeting budget and schedule requirements to provide exceptional deliverables. Please refer to Attachment 4 Reference and Performance Questionnaire Verification Form highlighting our capabilities.

The best-designed improvements are of no use until they are constructed and put into service in a timely and cost-effective manner. Tracking project construction costs during project development will ensure that appropriate cost mitigation strategies are employed. These include the integration of reusable elements from the existing facility to provide project economy. This approach may include the re-use of portions of the existing pavement, drainage, or lighting and modifications to facilitate staged construction.

For this strategy to work, the overall project concept must be developed with sufficient detail at the initial construction in order not to preclude the construction of subsequent phases. H&H's experience in design-build and construction management-at-risk delivery has given us keen insight into developing more economical designs. Successfully executing an assignment requires the leadership of Steve Nappi and our team to ensure a well-coordinated delivery. Steve and his team believe that flexibility is the key to successful project delivery and are proud that these modified yet efficient approaches result in on-time delivery projects.

Every task budget will be uploaded into H&H's Deltek accounting system. Steve will use iAccess, a feature in Deltek, to track real-time project expenditures, projections, and earned value. The planned allocation of work-to-staff and sub-consultants will ensure accountability for delivery and budgets.

## MEETING SCHEDULES

When H&H receives an request for design or CEI services, our first step will be to obtain a thorough understanding of the required work. We will meet with City staff to determine what needs to be done and for what purpose, who will be involved, and what schedule/budget have been established. From this understanding, we will create a step-by-step critical path method (CPM) schedule, including the major milestones necessary to achieve the City's established goals. Certain steps can be conducted concurrently, while others will rely on completion of a previous step. Once the CPM is developed, a final scope and budget for the work will be generated to provide H&H and City staff with a clear understanding of the anticipated workflow, milestones, and expected results.

# TAB 5: PROJECT CONTROL/APPROACH

For construction projects, careful review of the CPM schedule is key to ensuring timely completion of the project. H&H possesses Microsoft Project licenses and will use this software to review schedules. This begins once the contractor submits his baseline schedule at the beginning of the project. The baseline schedule will be checked to ensure that all activities are included and that logic, durations, predecessors, successors, constraints, cost loading, and calendars are appropriate. Items of concern will be shared with the Contractor and meetings will be held if necessary until the baseline schedule can be accepted. Once accepted and construction begins, we will monitor the contractor's work effort to ensure they align with the schedule. Updated as-built schedules will be reviewed monthly and checked to determine accurate commencement and completion dates have been entered and no other unauthorized changes have been made. Accuracy of the changes will be determined by comparing to field records and items that are not confirmed will be sent to the contractor until an acceptable response is received and the schedule can be accepted. All responses regarding the schedule will be made in writing to the Contractor. Keeping the Contractor responsible and notifying them when they are not meeting their schedule is a great way to both ensure timely completion of the project and protect the City in instances of Claims.

## TECHNOLOGICAL CAPABILITIES

Our Team is equipped with the latest computer software, including Microsoft Office, Microsoft Project, Primavera, and AutoCAD, to successfully deliver quality projects on time and within budget. AutoCAD allows quick resolutions to geometric problems in the field. The ability to create drawings to scale makes for easy and accurate answers to problems that would take much longer if hand drawn.

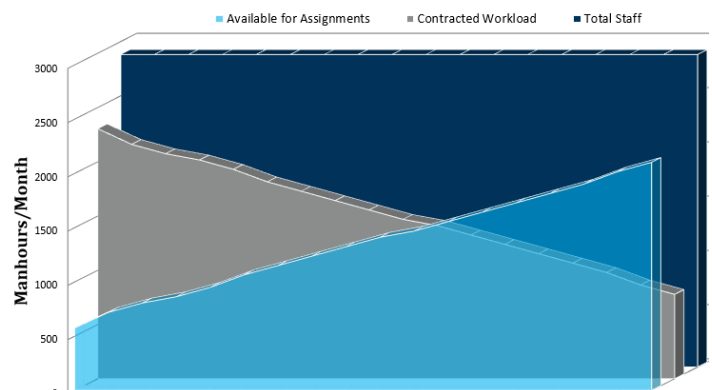


The filing system is also a key feature that we will be implemented on this contract. The H&H team follows the FDOT Electronic Document Management System (EDMS) filing system and uses nomenclature making documents easy to find. As a value-added concept, our team will implement Microsoft Teams for this project. Microsoft Teams is a next generation SharePoint where users can view documents and enjoy the added features of real time conversations via video calls, a mobile application to have documents readily available at their fingertips in the field and a calendar for meetings which automatically syncs to their Outlook calendar. The video calling feature will prove invaluable as impromptu meetings can be

organized, videos can be displayed showing site conditions, and documents can be shared on screen to pinpoint areas of concern quickly with all attendees. We believe these meetings will quickly evolve from a catchy feature to a necessity in delivering timely accurate information to project stakeholders. Guests are added to our user agreement, which means there is no cost for licensure. H&H will create a group including design team members and Steve to ensure information is readily available. Another group will be created for CEI projects so the City can have access to project correspondence filed to our server, if desired. In the absence of this, all project documentation is saved on our Egnyte cloud service allowing all H&H employees access.

## WORKLOAD

The H&H Team will provide the necessary staff and resources to fulfill the contract's requirements. We commit to delivering the tasks, based on the staff identified in this submittal and your schedule and needs. The graphic below indicates increasing availability of H&H staff for the upcoming year, based on the completion of existing assignments. Our subconsultants shows similar increasing availability to provided resources as needed. Therefore, our team has the resources and the appropriate organization to handle the tasks identified in the RFP. The graphic below depicts that H&H could easily complete these tasks with additional capacity for other assignments.



## QA/QC PLAN

A project-specific QA/QC plan will be prepared for each project. This process monitors project progress using a specific quality control procedure. The QC Plan will specify the work products to be reviewed, the responsible Lead Technical Person(s) and QC Reviewers, and the schedule for performing the QC reviews.



**Professional Engineering Services**  
**Continuing Services Contracts**  
***RFP No. 2024-14***

**Tab 6**

References

# TAB 6: REFERENCES

H&H's record of providing excellent client service is supported by the clients we serve on a day-to-day basis. We encourage the City to contact the following references for first-hand evaluations of the services we provide to our clients. Our team's reference form appears at the end of this section.

## 27th Street East Improvements, Manatee County

**Client Name:** Manatee County  
**Client Address:** 1022 26th Ave East, Bradenton, FL 34208  
**Client Contact Name:** Daniel Garner, PE, Project Manager  
**Phone / Fax:** T: 941-708-7450, ext. 7236 / F: N/A  
**Email:** daniel.garner@mymanatee.org  
**Performance Period:** 6/2019 – Present  
**Contract Amount:** \$1.2M (Design Fee) / **Eng. Est.** Ongoing



**Description of Work:** H&H is the prime consultant on this safety improvement project that combines five Capital Improvement Projects into one design package along a one-mile segment of 27th Street East between 38th Avenue East and 26th Avenue East. The project will provide improvements along the urban corridor, including sidewalks, bicycle lanes, roadway improvements, turn lanes, lighting, signalization, and stormwater drainage. The existing roadway section is a two-lane undivided north-south rural collector, bordered by drainage swales that serves mostly single-family homes with commercial parcels at the intersection of 26th Avenue and 27th Street. Frequent flooding occurs along the west right of way of 27th Street and overtops the roadway in the vicinity of 34th Avenue East. The proposed design addresses the overtopping by widening of the Mockingbird Canal to alleviate the insufficient conveyance from the offsite channel west of 27th Street and providing a new pond and Floodplain Compensation site.

## 46th Avenue North from 49th Street North to 37th Street North, Pinellas County

**Client Name:** Pinellas County  
**Client Address:** 400 S Ft Harrison Ave, Clearwater, FL 33756  
**Client Contact Name:** Scott Baird  
**Phone / Fax:** T: 727.464.8935 / F: N/A  
**Email:** sbaird@pinellascounty.org  
**Performance Period:** 08/2020 – 01/2022  
**Contract Amount:** \$400,000 (Design) **Eng. Est.** Ongoing



**Description of Work:** H&H developed a preliminary engineering report to evaluate the following: shoulders, ADA compliant sidewalks, multi-use path, curb and gutter, street lighting, and on-street parking as well as intersection and drainage improvements along 46th Avenue North, from West of 49th Street North to 37th Street North. The project will also extend sidewalk along 40th Street North from 46th Avenue North to north of Low Street and connect to the park entrance. Drainage, environmental floodplains, and utility impacts from these improvements were also evaluated.

## Riverside Drive, Pinellas County

**Client Name:** Pinellas County  
**Client Address:** 14 S. Ft, Harrison Ave 6th Floor, Clearwater, FL 33756  
**Client Contact Name:** Ann Venables, AICP, ENV SP  
**Phone / Fax:** T: 727.464.3640 / F: N/A  
**Email:** avenables@pinellascounty.org  
**Performance Period:** 08/2018 – 2023  
**Contract Amount:** \$226,117 (Design) / **Eng. Est.** \$323,550



**Description of Work:** H&H provided roadway and drainage design to optimize the profile and increase the vertical clearance under a bridge while limiting impacts to adjacent properties. The proposed roadway typical section west of the bridge consists of two 10-foot travel lanes, with 1.5- to 5.5-foot shoulders and a 6-foot sidewalk on the north side of the road. The roadway typical section on the east side of the bridge consists of two 10-foot travel lanes, with 4- to 5.5-foot shoulders and a 6-foot sidewalk on both sides of the roadway. The proposed drainage system consists of a series of curb inlets and storm sewer that will capture roadway runoff and discharge to the Whitcomb Bayou. In-line backflow preventers will be added to each outfall to prevent the tidal waters from entering the storm sewer system.

# TAB 6: REFERENCES

## Beckett Bridge Replacement Pinellas County, Florida

**Client Name:** Pinellas County  
**Client Address:** 400 S Ft Harrison Ave, Clearwater, FL 33756  
**Client Contact Name:** Ann Venables, AICP, ENV SP  
**Phone / Fax:** T: 727.464.3640 / F: N/A  
**Email:** [avenables@pinellascounty.org](mailto:avenables@pinellascounty.org)  
**Performance Period:** 2016 – 2023  
**Contract Amount:** \$14.5M (Construction) / **Eng. Est.** Ongoing



**Description of Work:** H&H was the lead consultant for this project, responsible for project management, design, and public involvement. The project is in the City of Tarpon Springs, Florida. The project limits extend a quarter of a mile along Riverside Drive from Chesapeake Drive across the Minetta Branch of Tarpon Bayou to Pampas Avenue.

H&H was the Engineer of Record for the new movable bridge, approach span substructure, roadway, drainage, and temporary traffic control. The replacement bridge is 360-foot-long featuring a single-leaf, rolling-lift, bascule bridge over Whitcomb Bayou. The movable span is 39 feet long from center of roll to tip and spans a 30-foot-wide navigation channel providing 5 feet, 8 inches of vertical clearance with the bridge closed and unlimited vertical clearance with the bridge open. The movable span featured steel plate girder main girders and floorbeams and an Exodermic® deck that spans longitudinally between floorbeams. The movable span drive system featured a unique crank arm drive system, powered by redundant 20 HP electric motors and vector drives. Auxiliary machinery includes tail props and span locks. The bridge control system is relay-based. Approach spans consist of prestressed, precast Florida Slab Beams with a cast-in-place concrete topping with spans of approximately 60 feet. The bascule pier footing and approach bent caps featured precast concrete elements to facilitate accelerated bridge construction. The approach span foundations consisted of drilled shafts and steel pipe piles, designed to accommodate challenging site conditions including a relic sink hole under the bridge and adjacent properties close to the bridge.

Roadway design involved optimizing the profile to increase the vertical clearance under the bridge while limiting impacts to adjacent properties. The proposed roadway typical section west of the bridge consisted of two 10-foot travel lanes, with 1.5- to 5.5-foot shoulders and a 6-foot sidewalk on the north side of the road. Due to right of way constraints, a sidewalk was not included on the south side of the road. The proposed bridge typical consisted of two 10-foot travel lanes, with 6.5-foot shoulders, a 6.5-foot sidewalk on the north side of the road, and a 6.5-foot maintenance sidewalk on the south side. The roadway typical section on the east side of the bridge consisted of two 10-foot travel lanes, with 4- to 5.5-foot shoulders and a 6-foot sidewalk on both sides of the roadway. Outside of the bridge span limits, Type F curb and gutter is proposed in the typical section.

The proposed drainage system consists of a series of curb inlets and a storm sewer that will capture roadway runoff and discharge to the Whitcomb Bayou. In-line backflow preventers have been added to each outfall to prevent the tide waters from entering the storm sewer system.

# TAB 6: REFERENCES

## Albee Road Bascule Bridge Rehabilitation, Sarasota County, Florida

**Client Name:** Sarasota County  
**Client Address:** 400 S Ft Harrison Ave, Clearwater, FL 33756  
**Client Contact Name:** Teresa Goluch  
**Phone / Fax:** T: 941-404-5352 / F: N/A  
**Email:** tgoluch@scgov.net  
**Performance Period:** 2018 - 2020  
**Contract Amount:** \$3.4M (Construction) / Eng. Est. \$3.24M

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**Description of Work:** The Albee Road Bascule Bridge had its last major structural, mechanical, and electrical rehabilitation in 2001. Since that time, saltwater dripping from trailered boats leaving the boat launch adjacent to the northwest corner has corroded the bridge’s open steel grid deck and supporting framing and the concrete deck in the approach spans in the eastbound lane.

H&H’s scope of work for this major rehabilitation was the preparation of contract documents, including plans, specifications, and cost estimates, for repairs to the concrete approach spans, and bascule span structural steel, machinery and electrical systems. A field assessment was performed in August 2018 which resulted in recommendations for structural, electrical, and mechanical repairs that would keep the bridge operating efficiently and extending its service life an additional 15 years.

The steel open grid deck in the eastbound lanes was replaced as was one entire stringer line below the center of the travel lane. Stringers on either side and both end floorbeams were repaired. The bascule and flanking spans were cleaned and painted in their entirety. During the preparation for painting, the steel deterioration throughout both leaves was discovered to be much more widespread so additional repairs to floorbeam flanges and webs, lateral bracing, vertical stiffeners and connection plates were added to the scope.

The surface of the concrete deck in the approach spans was spalled and delaminated, likely due to chlorides from the salt water penetrating the deck. The top two inches of the deck were removed through hydrodemolition and a new concrete topping was poured. Severe concrete deterioration on the east bulkhead wall was also repaired.

The mechanical scope consisted of the replacement of several missing rack bolts and replacement of reducer seals. The span locks were reconditioned including replacement of the guide and receiver assemblies, hydraulic hoses, fittings, and oil. New live load bearing assemblies were also provided.

The control desk and motor control cabinet were reconditioned, and the control relay panel was relocated and replaced. Navigation lighting was reconditioned, and the position and span lock limit switches were replaced. Because the bridge was closed to vehicular and marine traffic at various times to complete the repairs, close coordination was required between a variety of local and federal agencies, including Sarasota County and the US Coast Guard.



# TAB 6: REFERENCES

## Selmon Expressway Pocket Parks Design Services

**Client Name:** Tampa-Hillsborough Expressway Authority  
**Client Address:** 1104 E Twiggs St #300, Tampa, FL 33602  
**Client Contact Name:** Bob Frey, AICP  
**Phone / Fax:** T: 813.272.6740 / F: N/A  
**Email:** bobf@tampa-xway.com  
**Performance Period:** 2014 - 2017  
**Contract Amount:** \$105,000 (design fees) / **Eng. Est.** N/A



**Description of Work:** Under a Tampa Hillsborough Expressway Authority (THEA) on-call contract for planning services, H&H was tasked with developing preliminary designs and supporting documents for a design-build for enhancements to the Selmon Greenway.

The project is located along the Selmon Greenway under the elevated sections of the Selmon Expressway from Tampa's Central Riverwalk District to the Channelside District and border the City's parking lots. The parks provide safe, aesthetically pleasing rest areas that enhance Tampa's network of pedestrian pathways through downtown and providing a vital east-west connection across downtown. Upgrades to the 15-foot-wide trail included five pocket parks with stormwater improvements, bike racks, landscaping, and other amenities. Lighting additions improved safety and visibility; while benches and public art enhance the experience for bicyclists and pedestrians.



# TAB 6: REFERENCES

## Pinellas Trail from Ponce De Leon Boulevard to Woodlawn Avenue

**Client Name:** Pinellas County  
**Client Address:** 400 S Ft Harrison Ave, Clearwater, FL 33756  
**Client Contact Name:** 727.464.3744  
**Phone / Fax:** T: 941-404-5352 / F: N/A  
**Email:** dterry@pinellascounty.org  
**Performance Period:** 2013 - 2016  
**Contract Amount:** \$10,000 (design fee) / Eng. Est. N/A

**Description of Work:** The Fred Marquis Pinellas Trail is a linear park and recreation trail extending from St. Petersburg to Tarpon Springs for approximately 47 miles. A section of the Trail between Ponce de Leon Boulevard and Woodlawn Avenue (approximately 0.5 miles), runs adjacent to Belleair Creek and storm events created an emergency situation where portions of the trail have eroded and failed into Belleair Creek adversely impacting water quality and quantity. These areas of failure had become progressively worse with each storm event and were posing a threat to the public safety and the possibility of closure of the Trail.

H&H prepared a Preliminary Engineering Report to evaluate erosion along the trail due to concentrated flows over the trail embankments. Study conclusions included removing the concentrated flow over the slope before making repairs to the western bank of Belleair Creek. The study resulted in H&H preparing the final design plans, drainage plans, and the SWFWMD and USACE permit packages.





**ATTACHMENT 3 - REFERENCES/CLIENT LISTING**

Include at least five (5) business related references for which they are currently providing or have provided within the last ten (10) years, services similar to the scope of services required by this RFP. A minimum of three (3) references must be for work performed in Florida.

1. Business/Customer Name: Gasparilla Island Bridge Authority  
Name of Contact Person/Title: Kathy Banson, Executive  
Telephone# 941.697.2271 X2 E-mail kathy@giba.us  
Address P.O. Box 1918, Boca Grande, FL 33921  
Phone Number 941.697.2271 X2  
Duration of Contract or business relationship 7 years Project completion date: Ongoing  
Type of Services Provided Miscellaneous task work order projects.  
Cost of Project: Design \$24K task-to-date Construction: Varies per task
2. Business/Customer Name: Collier County  
Name of Contact Person/Title: Matthew Thomas, PE  
Telephone# 239.348.1328 E-mail Matthew.Thomas@colliercountyfl.gov  
Address 2885 Horseshoe Drive S, Naples, Florida 34104  
Phone Number 239-348-1328  
Duration of Contract or business relationship 5 years Project completion date: 1/2024  
Type of Services Provided CEI services for the Golden Gate Parkway replacement bridge.  
Cost of Project: Design N/A Construction: \$3.5 million
3. Business/Customer Name: Hendry County  
Name of Contact Person/Title: Jorge Hernandez, Project Manager  
Telephone# 863.612.4726 E-mail jorge.Hernandez@hendryfla.net  
Address 99 East Cowboy Way, LaBelle, FL 33975  
Phone Number 863.612.4726  
Duration of Contract or business relationship 2 years Project completion date: 1/2024  
Type of Services Provided CEI services for 1,480 SY of sidewalks, including driveways  
Cost of Project: Design N/A Construction: \$202,237

**THIS PAGE MUST BE SUBMITTED WITH PROPOSAL**

4. Business/Customer Name: Lee County  
Name of Contact Person/Title: Avelino Cancel, Project Manager  
Telephone# 239.533.9416 E-mail acancel@leegov.com  
Address 5560 Zip Drive, Fort Myers, FL 33905  
Phone Number 239.533.9416  
Duration of Contract or business relationship 2 years Project completion date: Ongoing  
Type of Services Provided Sidewalk replacements and ditch cleaning throughout Lee County  
Cost of Project: Design N/A Construction: 185,779.61

5. Business/Customer Name: Lee County  
Name of Contact Person/Title: Mike Padgett, Project Manager  
Telephone# 239.707.9402 E-mail mpadgett@leegov.com  
Address 5650 Enterprise Pkwy, Fort Myers, FL 33905  
Phone Number 239.707.9402  
Duration of Contract or business relationship 2 years Project completion date: 05/05/2023  
Type of Services Provided Assessed damages of 66 County signalized intersections in Cape Coral caused by Hurricane Ian.  
Cost of Project: Design N/A Construction: \$350,000

COMPANY NAME: Hardesty & Hanover, LLC

SIGNATURE:   
Stephan Heimburg, PE, Principal

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

ATTACHMENT 4  
REFERENCE AND PERFORMANCE QUESTIONAIRRE VERIFICATION FORM

RFP 2024-14 Professional Engineering Services – Continuing Services for City of North Port  
It is the intent of the City of North Port to request proposals from experienced and qualified firms for professional engineering services for the City of North Port.

1. Contractor Information (Proposer information)

FIRM NAME: Hardesty & Hanover, LLC

ADDRESS: 950 Tamiami Trail, Unit 104, Port Charlotte, FL 33953

Telephone number#: 941.979.5476

E-mail: snappi@hardestyhanover.com

Point of Contact Steven Nappi, PE Contact Phone Number 239.229.5853

2. Worked Performed as  Prime  Sub Contractor  Joint Venture  Other (Explain)

Percent of project work performed 75 %

If Subcontractor, who was the prime (Name/Phone #) N/A

3. CONTACT INFORMATION

Contract Number: \_\_\_\_\_

Contract Type:  Firm Fixed Price  Cost Reimbursement  Other (please specify): Billable Rates

Contract Title:

Gasparilla Island Swing Span Bridge and Miscellaneous Professional Services Contract

Contract Location:

Charlotte County, FL

Award Date (mm/dd/yy) 05/01/2022

Actual Completion Date: Ongoing

Original Contract Price (Award Amount): No limit

Final Contract Price (to include all modifications, if applicable): Tasks To Date total \$24k

Explain the Difference: \_\_\_\_\_

**4. PROJECT DESCRIPTION: Complexity of Work**  HIGH  MED  ROUTINE  
 How is this project relevant to project submission?  
 Miscellaneous service contract. Some tasks include: on-call assignments for bridge issues, new swing bridge inspections, annual inspection report reviews, auxiliary jacking system design, and coating analysis.

**5. CLIENT INFORMATION**  
 Name: Kathy Banson Title: Executive Director  
 Name of Entity: Gasparilla Island Bridge Authority  
 Phone Number: 941.697.2271 X2 E-Mail: kathy@giba.us

PERFORMANCE EVALUATION	(CHECK) "YES" OR "NO"
1. Was the scope of work performed similar in nature?	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
2. Did this company have the proper resources and personnel by which to get the job done? If no, please describe: _____ _____ _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
3. Were any problems encountered with the company's work performance? If yes, please describe: _____ _____ _____	<input type="checkbox"/> YES OR <input checked="" type="checkbox"/> NO
4. How long did the company/individual work for you?	Years: <u>1</u> Months: <u>9</u>
5. On a scale of 1 to 10, 10 being best, how would you rate the overall work performance, considering professionalism; final product; personnel; resources. Rate from 1 to 10. (10 being highest)	<u>10</u>
6. If the opportunity were to present itself, would you rehire this company? If no, please state why: _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
7. Date Questionnaire completed	(mm/dd/yy) <u>2/23/24</u>

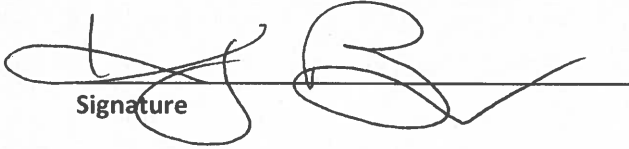
8. Please provide any additional comments pertinent to this company and the work performed for you (you may use additional pages): Professional with tremendous knowledge  
This firm comes with my highest recommendation!  
First Class!!

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Signature

**INSTRUCTIONS:**

**PROPOSER WILL SEND THIS FORM TO EACH REFERENCED CLIENT LISTED ON ATTACHMENT 3. THE CLIENT IS TO COMPLETE THIS FORM AND RETURN DIRECTLY BACK TO THE PROPOSER. THE PROPOSER WILL SUBMIT THE COMPLETED FORM WITH THEIR PROPOSAL. IT IS THE PROPOSER'S RESPONSIBILITY TO OBTAIN AND SUBMIT ALL COMPLETED FORMS WITH THEIR PROPOSAL PACKAGE.**

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ATTACHMENT 4  
**REFERENCE AND PERFORMANCE QUESTIONNAIRE VERIFICATION FORM**

RFP 2024-14 Professional Engineering Services – Continuing Services for City of North Port  
It is the intent of the City of North Port to request proposals from experienced and qualified firms for professional engineering services for the City of North Port.

**1. Contractor Information (Proposer information)**

**FIRM NAME:** Hardesty & Hanover, LLC

**ADDRESS:** 950 Tamiami Trail, Unit 104, Port Charlotte, FL 33953

**Telephone number#:** 941.979.5476

**E-mail:** snappi@hardestyhanover.com

**Point of Contact** Steven Nappi, PE **Contact Phone Number** 239.229.5853

**2. Worked Performed as**  **Prime**  **Sub Contractor**  **Joint Venture**  **Other (Explain)**

**Percent of project work performed** 75 %

**If Subcontractor, who was the prime (Name/Phone #)** N/A

**3. CONTACT INFORMATION**

**Contract Number:** 21-7880

**Contract Type:**  Firm Fixed Price  Cost Reimbursement  Other (please specify): Billable Rates

**Contract Title:**  
Golden Gate Parkway Bridge over Santa Barbara Canal

**Contract Location:**  
Collier County, FL

**Award Date (mm/dd/yy)** 7/2021

**Actual Completion Date:** 1/2024

**Original Contract Price (Award Amount):** \$456,008.52

**Final Contract Price (to include all modifications, if applicable):** Ongoing

**Explain the Difference:** \_\_\_\_\_

**4. PROJECT DESCRIPTION: Complexity of Work** \_\_\_\_\_ HIGH  MED \_\_\_\_\_ ROUTINE  
 How is this project relevant to project submission?  
 Replacement bridge comprised of two 12-foot-wide traffic lanes and one sidewalk in each direction, with a concrete traffic railing installed at the median and between the roadway and sidewalks.

**5. CLIENT INFORMATION**  
**Name:** Matthew Thomas, PE **Title:** Project Manager  
**Name of Entity:** Collier County  
**Phone Number:** 239-348-1328 **E-Mail:** Matthew.Thomas@colliercountyfl.gov

PERFORMANCE EVALUATION	(CHECK) "YES" OR "NO"
1. Was the scope of work performed similar in nature?	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
2. Did this company have the proper resources and personnel by which to get the job done? If no, please describe: _____ _____ _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
3. Were any problems encountered with the company's work performance? If yes, please describe: _____ _____ _____	<input type="checkbox"/> YES OR <input checked="" type="checkbox"/> NO
4. How long did the company/individual work for you?	Years: <u>2</u> Months: _____
5. On a scale of 1 to 10, 10 being best, how would you rate the overall work performance, considering professionalism; final product; personnel; resources. Rate from 1 to 10. (10 being highest)	<u>10</u>
6. If the opportunity were to present itself, would you rehire this company? If no, please state why: _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
7. Date Questionnaire completed	(mm/dd/yy) <u>02/26/24</u>

8. Please provide any additional comments pertinent to this company and the work performed for you (you may use additional pages): H&H was professional and very responsive to requests and in making sure the project stayed on task

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ThomasMatthew

Digitally signed by ThomasMatthew  
DN: cn=Matthew.Thomas@northportfl.gov, c=US, o=ThomasMatthew, ou=Transportation  
Engineering Users, ou=CM Construction Engineering, ou=Construction and  
Maintenance, ou=CMED, ou=CityofNorthPort, DC=NorthPort, DC=FL, DC=us  
Date: 2024.02.28 10:54:07 -0500

Signature

**INSTRUCTIONS:**

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ATTACHMENT 4  
**REFERENCE AND PERFORMANCE QUESTIONAIRRE VERIFICATION FORM**

RFP 2024-14 Professional Engineering Services – Continuing Services for City of North Port  
It is the intent of the City of North Port to request proposals from experienced and qualified firms for professional engineering services for the City of North Port.

<b>1. Contractor Information (Proposer information)</b>
FIRM NAME: Hardesty & Hanover, LLC
ADDRESS: 950 Tamiami Trail, Unit 104, Port Charlotte, FL 33953
Telephone number#: 941.979.5476
E-mail: snappi@hardestyhanover.com
Point of Contact <u>Steven Nappi, PE</u> Contact Phone Number <u>239.229.5853</u>
2. Worked Performed as <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Sub Contractor <input type="checkbox"/> Joint Venture <input type="checkbox"/> Other (Explain) Percent of project work performed <input type="checkbox"/> % If Subcontractor, who was the prime (Name/Phone #) <u>N/A</u>
<b>3. CONTACT INFORMATION</b>
Contract Number: _____
Contract Type: <input type="checkbox"/> Firm Fixed Price <input type="checkbox"/> Cost Reimbursement <input checked="" type="checkbox"/> Other (please specify): <u>Billable Rates</u>
Contract Title: <u>Harlem Community Sidewalks LAP</u>
Contract Location: <u>Hendry County, FL</u>
Award Date (mm/dd/yy) <u>06/13/2023</u>
Actual Completion Date: <u>01/2024</u>
Original Contract Price (Award Amount): <u>\$95,390.40</u>
Final Contract Price (to include all modifications, if applicable): <u>Ongoing</u>
Explain the Difference: _____

**4. PROJECT DESCRIPTION: Complexity of Work**      HIGH   X   MED      ROUTINE  
 How is this project relevant to project submission?  
 1,480 SY of sidewalks with CIP truncated domes, including driveway replacements, mitered end sections and ditch construction installation, sign installations, sodding, and thermoplastic painted pavement markings.

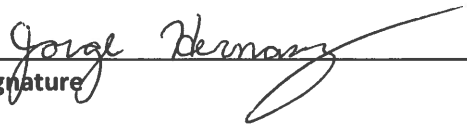
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**5. CLIENT INFORMATION**  
**Name:** Jorge Hernandez **Title:** Project Manager  
**Name of Entity:** Hendry County  
**Phone Number:** 863.612.4726 **E-Mail:** Jorge.Hernandez@hendryfla.net

PERFORMANCE EVALUATION	(CHECK) "YES" OR "NO"
1. Was the scope of work performed similar in nature?	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
2. Did this company have the proper resources and personnel by which to get the job done? If no, please describe: _____ _____ _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
3. Were any problems encountered with the company's work performance? If yes, please describe: _____ _____ _____	<input type="checkbox"/> YES OR <input checked="" type="checkbox"/> NO
4. How long did the company/individual work for you?	Years: _____ Months: <u>  8  </u>
5. On a scale of 1 to 10, 10 being best, how would you rate the overall work performance, considering professionalism; final product; personnel; resources. Rate from 1 to 10. (10 being highest)	<u>  10  </u>
6. If the opportunity were to present itself, would you rehire this company? If no, please state why: _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
7. Date Questionnaire completed	(mm/dd/yy) <u>  2/26/24  </u>

8. Please provide any additional comments pertinent to this company and the work performed for you (you may use additional pages): Hardesty & Hanover, LLC did a great job as a CEI consultant for Hendry County. H&H possesses great leadership, experience, work ethic, and coordination. Hendry County will definitely use H&H again on

future projects. I strongly recommend them for the City of North Port  
Continuing Services Contract.

  
Signature

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**ATTACHMENT 4**  
**REFERENCE AND PERFORMANCE QUESTIONNAIRE VERIFICATION FORM**

**RFP 2024-14 Professional Engineering Services – Continuing Services for City of North Port**  
It is the intent of the City of North Port to request proposals from experienced and qualified firms for professional engineering services for the City of North Port.

<b>1. Contractor Information (Proposer information)</b>	
<b>FIRM NAME:</b> Hardesty & Hanover, LLC	
<b>ADDRESS:</b> 950 Tamiami Trail, Unit 104, Port Charlotte, FL 33953	
<b>Telephone number#:</b> 941.979.5476	
<b>E-mail:</b> snappi@hardestyhanover.com	
<b>Point of Contact</b> Steven Nappi, PE	<b>Contact Phone Number</b> 239.229.5853
<b>2. Worked Performed as</b> <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Sub Contractor <input type="checkbox"/> Joint Venture <input type="checkbox"/> Other (Explain)	
Percent of project work performed <u>100</u> %	
If Subcontractor, who was the prime (Name/Phone #) <u>N/A</u>	
<b>3. CONTACT INFORMATION</b>	
Contract Number: _____	
Contract Type: <input type="checkbox"/> Firm Fixed Price <input type="checkbox"/> Cost Reimbursement <input checked="" type="checkbox"/> Other (please specify):	<b>Billable Rates</b>
Contract Title: <u>Lee County County Wide Signal Damage Assessment</u>	
Contract Location: <u>Lee County, FL</u>	
Award Date (mm/dd/yy) <u>10/10/2022</u>	
Actual Completion Date: <u>05/05/2023</u>	
Original Contract Price (Award Amount): <u>\$350,000.00</u>	
Final Contract Price (to include all modifications, if applicable): <u>\$88,105.80</u>	
Explain the Difference: _____	

**4. PROJECT DESCRIPTION: Complexity of Work** \_\_\_\_\_ HIGH  MED \_\_\_\_\_ ROUTINE  
 How is this project relevant to project submission?  
 Assessed damages of 66 County signalized intersections in Cape Coral caused by Hurricane Ian. With only days notice, our team mobilized and efficiently documented over \$2.5 million in damages.

**5. CLIENT INFORMATION**  
**Name:** Mike Padgett **Title:** Project Manager  
**Name of Entity:** Lee County  
**Phone Number:** 239.707.9402 **E-Mail:** mpadgett@leegov.com

PERFORMANCE EVALUATION	(CHECK) "YES" OR "NO"
1. Was the scope of work performed similar in nature?	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
2. Did this company have the proper resources and personnel by which to get the job done? If no, please describe: _____ _____ _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
3. Were any problems encountered with the company's work performance? If yes, please describe: _____ _____ _____	<input type="checkbox"/> YES OR <input checked="" type="checkbox"/> NO
4. How long did the company/individual work for you?	Years: _____ Months: <u>10</u>
5. On a scale of 1 to 10, 10 being best, how would you rate the overall work performance, considering professionalism; final product; personnel; resources. Rate from 1 to 10. (10 being highest)	<u>10</u>
6. If the opportunity were to present itself, would you rehire this company? If no, please state why: _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
7. Date Questionnaire completed	(mm/dd/yy) <u>02/26/2024</u>

8. Please provide any additional comments pertinent to this company and the work performed for you (you may use additional pages): H & H's work is on point with the customer best interests in mind. They are very thorough and make sure the job is built to the agencies standards.

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Michael Padgett

Digitally signed by Michael Padgett  
DN: C=US, E=mpadgett@leegov.com, O=Lee County  
DOT/Traffic, CN=Michael Padgett  
Reason: I am approving this document  
Date: 2024.02.26.07:03:28-0510

Signature

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ATTACHMENT 4  
REFERENCE AND PERFORMANCE QUESTIONNAIRE VERIFICATION FORM

RFP 2024-14 Professional Engineering Services – Continuing Services for City of North Port  
It is the intent of the City of North Port to request proposals from experienced and qualified firms for professional engineering services for the City of North Port.

1. Contractor Information (Proposer information)

FIRM NAME: Hardesty & Hanover, LLC

ADDRESS: 950 Tamiami Trail, Unit 104, Port Charlotte, FL 33953

Telephone number#: 941.979.5476

E-mail: snappi@hardestyhanover.com

Point of Contact Steven Nappi, PE Contact Phone Number 239.229.5853

2. Worked Performed as  Prime  Sub Contractor  Joint Venture  Other (Explain)  
Percent of project work performed  %  
If Subcontractor, who was the prime (Name/Phone #) N/A

3. CONTACT INFORMATION

Contract Number: 9234

Contract Type:  Firm Fixed Price  Cost Reimbursement  Other (please specify): Billable Rates

Contract Title:  
Sidewalk Replacement in Miscellaneous Communities throughout Lee County

Contract Location:  
Lee County, FL

Award Date (mm/dd/yy) 07/08/2023

Actual Completion Date: Ongoing

Original Contract Price (Award Amount): 185,779.61

Final Contract Price (to include all modifications, if applicable): Ongoing

Explain the Difference: \_\_\_\_\_

**4. PROJECT DESCRIPTION: Complexity of Work** \_\_\_\_\_ HIGH  MED \_\_\_\_\_ ROUTINE  
 How is this project relevant to project submission?  
 Sidewalk replacement and ditch cleaning throughout Lee County

**5. CLIENT INFORMATION**  
**Name:** Avelino Cancel **Title:** Project Manager  
**Name of Entity:** Lee County DOT Operations  
**Phone Number:** 239.533.9416 **E-Mail:** acancel@leegov.com

PERFORMANCE EVALUATION	(CHECK) "YES" OR "NO"
1. Was the scope of work performed similar in nature?	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
2. Did this company have the proper resources and personnel by which to get the job done? If no, please describe: _____ _____ _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
3. Were any problems encountered with the company's work performance? If yes, please describe: _____ _____ _____	<input type="checkbox"/> YES OR <input checked="" type="checkbox"/> NO
4. How long did the company/individual work for you?	Years: <u>1</u> Months: <u>6</u>
5. On a scale of 1 to 10, 10 being best, how would you rate the overall work performance, considering professionalism; final product; personnel; resources. Rate from 1 to 10. (10 being highest)	<u>9</u>
6. If the opportunity were to present itself, would you rehire this company? If no, please state why: _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
7. Date Questionnaire completed	(mm/dd/yy) <u>02/26/2024</u>

8. Please provide any additional comments pertinent to this company and the work performed for you (you may use additional pages): \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



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Avelino Cancel  
Digitally signed by Avelino Cancel  
Date: 2024.02.26 15:00:52 -05'00'

Signature

**INSTRUCTIONS:**

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**Professional Engineering Services**  
**Continuing Services Contracts**  
***RFP No. 2024-14***

7. Litigation and Insurance

**Tab 7**

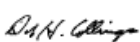
Litigation and Insurance

# TAB 7: LITIGATION AND INSURANCE

## LITIGATION

H&H does not have litigation to show within the last five years.

## INSURANCE

Client#: 239473	HARDHAN	DATE (MM/DD/YYYY) 12/22/2022					
<b>ACORD™ CERTIFICATE OF LIABILITY INSURANCE</b>							
<p>THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.</p> <p>IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).</p>							
<b>PRODUCER</b> Edgewood Partners Ins. Center 3780 Mansell Rd. Suite 370 Alpharetta, GA 30022	<b>CONTACT NAME:</b> Jerry Noyola <b>PHONE (A/C, No, Ext):</b> 770-220-7699 <b>FAX (A/C, No):</b> <b>E-MAIL ADDRESS:</b> jerry.noyola@greyling.com	<b>INSURER(S) AFFORDING COVERAGE</b> INSURER A : Evanston Insurance Company <b>NAIC #</b> 35378 INSURER B : INSURER C : INSURER D : INSURER E : INSURER F :					
<b>INSURED</b> Hardesty & Hanover, LLC 1501 Broadway New York, NY 10036							
<b>COVERAGES</b> <b>CERTIFICATE NUMBER: 223-24</b> <b>REVISION NUMBER:</b>							
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.							
INSR LTR	TYPE OF INSURANCE	ADDITIONAL INSURER	SUBRINR	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJ. <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea Occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED    RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				PER STATUTE    OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional/Pollution Liab.			MKLV7PL0005646	01/01/2023	01/01/2024	Per Claim \$5,000,000 Aggregate \$5,000,000 Deductible \$500,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)							
<b>CERTIFICATE HOLDER</b>				<b>CANCELLATION</b>			
To Whom It May Concern				SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.			
				AUTHORIZED REPRESENTATIVE 			

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 #S5085333/M5075646

JNO02



# TAB 7: LITIGATION AND INSURANCE

Client#: 25393

HARDHANO

**ACORD**

## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/25/2023

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

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

<b>PRODUCER</b> Greyling Ins. Brokerage/EPIC 3780 Mansell Road, Suite 370 Alpharetta, GA 30022	<b>CONTACT NAME:</b> Jerry Noyola	
	<b>PHONE (A/C, No, Ext):</b> 770-220-7699	<b>FAX (A/C, No):</b>
<b>E-MAIL ADDRESS:</b> jerry.noyola@greyling.com		
<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
<b>INSURER A :</b> National Union Fire Ins Co of PA		19445
<b>INSURER B :</b> Aspen American Insurance Company		43460
<b>INSURER C :</b> New Hampshire Ins. Co.		23841
<b>INSURER D :</b> Zurich American Insurance Co		16535
<b>INSURER E :</b>		
<b>INSURER F :</b>		

**INSURED**  
 Hardesty & Hanover, LLC  
 1501 Broadway  
 New York, NY 10036

**COVERAGES**


**CERTIFICATE NUMBER: 23-24**

**REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVR	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab. GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:	X	X	GL9566090	08/01/2023	08/01/2024	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMPIOP AGG \$ 4,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/>	X	X	CA5425480	08/01/2023	08/01/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$0	X	X	CX009N723	08/01/2023	08/01/2024	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input checked="" type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below		X	WC043172130	08/01/2023	08/01/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Valuable Papers			CPP943349014	08/01/2023	08/01/2024	Limit \$1,000,000

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

<b>CERTIFICATE HOLDER</b> To Whom It May Concern	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
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**Professional Engineering Services**  
**Continuing Services Contracts**  
***RFP No. 2024-14***

**Tab 8**

Additional Information

H&H is a full-service infrastructure engineering firm with more than 137 years of experience steeped in solving complex engineering challenges. Numerous DOTs count on us when innovative design and intricate engineering solutions are required. Our specialty lies in the ability to manage the entire life cycle of engineering services and support. We employ teams of superior engineers that bring a forward-thinking approach using the world's latest project management, design, and support innovations. As a result, projects are brought in on time, on budget, and are engineered to the highest standards in design, durability, safety, and aesthetic value.

#### **CONTINUED SUCCESS IN MANAGING TASK-BASED, ON-CALL ENGINEERING:**

- H&H recognizes "on-call" retainer contracts require a heightened state of readiness that is different from typical single project contracts. All our team members and key staff have extensive experience working on miscellaneous-type contract; we are prepared and ready to serve you whenever you need us.
- H&H staff has successfully managed transportation engineering and CEI task order contracts and earned repeat business with many state, regional, and local clients.
- Extensive experience with task order transportation contracts reduces risk and provides confidence.

#### **SUPERIOR TECHNICAL BRIDGE, ROADWAY, AND CONSTRUCTION EXPERTISE:**

- H&H offers comprehensive bridge, highway, and CEI engineering experience.
- In-depth understanding and proven experience with the many complexities and constraints involving safety and inspection and design of bridge and structure rehabilitation, repair, and replacement projects.
- H&H has a history of developing cost-effective and innovative repair concepts and designs for bridges throughout the US. We have extended the service life of hundreds of bridges.

#### **Proven And In-Depth Knowledge of FDOT Policies And Procedures:**

Many team members have spent the majority of their careers working on transportation projects. We have a complete understanding of FDOT's processes and procedures making state acceptance easy.

#### **Exceptional Delivery Of Services:**

- Our responsiveness and efficient approach to completing bridge design, highway design, structural design, inspection and load rating, traffic management and safety, hydraulics and drainage, and geotechnical services is proven by our team's track record in delivery and performance.
- H&H has a full staff of bridge structural, mechanical, and electrical engineers located in our Florida offices. In addition, as a national leader in bridge design services, H&H has several offices that include structural, mechanical, and electrical engineers that will provide support for this on-call project and in-house independent peer reviews as required.

#### **Project Management**

Management is the allocation of resources to complete the project on time, within budget, with the quality expected by the City of North Port. These three elements must be defined to provide the resources to deliver the required services. Our team's management approach for this contract involves assigning a single Project Manager with a multidisciplinary team of technical task leaders responsible for their respective portions of the project. H&H will ensure accountability using an experienced Project Manager, active coordination, and a Quality Management Plan (QMP).

#### **Coordination**

Proper coordination is essential to project success and will result in consistent plans with approved documentation, deadline compliance, and a quality final product. Throughout the duration of the project, internal team meetings will be held to confirm design approaches and schedules.

Upon assignment of a task, coordination with the City will begin by holding a kickoff meeting with the City's Project Manager, Steve, and the respective task leader. To maintain a central point of contact and control all project activities, Steve will be the lead contact for under this contract work.

To communicate this information to our team, Steve will prepare a **Project Execution Plan** (PEP) specifically tailored for the City of North Port.

## Quality Management Plan (QMP)

The objective of the QMP is to provide tools to our project teams so that our professional services are performed and delivered in accordance with applicable industry standards of care and to the satisfaction of project scope requirements while remaining within the allocated schedule and budget.

The Quality Management Plan consists of six elements in addition to this document which has been developed to describe the framework of the QMP for all employees of H&H or our subconsultant partners. Each section of the QMP is intended to be a standalone document describing recommended practices for the key participants in the QMP at the project and administration levels.

A project-specific Quality Management Plan includes the H&H Quality Assurance Plan and the H&H Quality Control Plan. A Project Specific Quality Management Plan front end includes:

- Project Summary (scope, schedule, list of key personnel)
- Project Deliverables
- Witness Points or other project reviews to be performed
- Project Specific Procedures, if applicable (unique contract requirements, specific stamps, check lists, etc.)

Project-specific Quality Management Plans, once approved by the firm and the client, are unique to the project.

### Quality Control Plan

Quality Control is a series of activities, actions and procedures routinely undertaken to ensure that our services and their representative work products are produced to the requisite standard of care and in accordance with the defined technical philosophy of the firm.

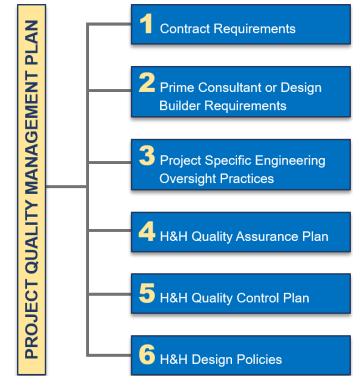
The plan defines procedures for quality control which minimize errors, discrepancies, and omissions in H&H's work products. Furthermore, such procedures are intended to produce concise, delineated records of the in-house quality control process. The intent is for each work product to be thoroughly reviewed in detail by someone in addition to the review by the Originator/Producer who prepared that work product for conformity with generally accepted design and engineering practice.

### Process by Document Type/Class

A detailed quality control process will be used for each submitted document. Prior to initiation of the quality control process the PM/PE shall review and coordinate with the Originator/Producer the appropriate level of detail and information for a given document type or class and level of development. Document types/class may include:

- Design Plans
- Calculations
- Reports
- Specifications

Once the Originator/Producer and PM have agreed that a document contains the appropriate level of detail and information required at the phase submission or is substantially complete and ready for checking, a check print will be prepared, and the PM will assign it to the Checker. Each check print shall bear a red quality control stamp with the originator/producer's initials and date in the "Ready for Checking" boxes. The check print shall be designated as final or for a specific phase submittal.



H&H QC DOCUMENT	PHASE ____ of FINAL ____	
PROCESS	INITIALS	DATE
READY FOR CHECKING		
CHECKED CORRECT (YELLOW) CHANGE (RED)		
BACK CHECKED (GREEN)		
CORRECTED (BLUE HIGHLIGHTER)		
VERIFIED (ORANGE HIGHLIGHTER)		

I, AUTHORIZED REPRESENTATIVE  
The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

March 1, 2024

33. NAME AND TITLE

Stephan Heimburg, PE, Principal



**Professional Engineering Services**  
**Continuing Services Contracts**  
***RFP No. 2024-14***

**Tab 9**

Required Forms



**ATTACHMENT 1  
 PROPOSAL SUBMITTAL SIGNATURE FORM**

The undersigned attests to his/her authority to submit this proposal and to bind the firm herein named to perform as per Agreement if the firm is awarded the Agreement by the City.

The undersigned further certifies that he/she has read the Request for Proposal, Terms and Conditions, Insurance Requirements and any other documentation relating to this request and this proposal is submitted with full knowledge and understanding of the requirements and time constraints noted herein.

As addenda are considered binding as if contained in the original specifications, it is critical that the firm acknowledge receipt of same. The submittal may be considered void if receipt of an addendum is not acknowledged.

Addendum No. <u>  1  </u> Dated <u>  2/1/24  </u>	Addendum No. <u>  4  </u> Dated <u>  2/16/24  </u>
Addendum No. <u>  2  </u> Dated <u>  2/5/24  </u>	Addendum No. <u>  5  </u> Dated <u>  2/26/24  </u>
Addendum No. <u>  3  </u> Dated <u>  2/9/24  </u>	Addendum No. <u>      </u> Dated <u>      </u>

**Company Name** Hardesty & Hanover, LLC

<u>212.944.1150</u>	<u>ny@harestyhanover.com</u>	<u>212.391.0297</u>
<b>Telephone #</b>	<b>E-Mail</b>	<b>Fax #</b>

1501 Broadway, Suite 601  
**Main Office Address**

<u>New York</u>	<u>NY</u>	<u>10036</u>
<b>City</b>	<b>State</b>	<b>Zip Code</b>

**Address of Office Servicing City of North Port, if different than above:**  **SAME AS ABOVE**

5110 Eisenhower Boulevard, Suite 310  
**Office Address**

<u>Tampa</u>	<u>FL</u>	<u>33614</u>
<b>City</b>	<b>State</b>	<b>Zip Code</b>

<u>813.749.0823</u>	<u>snappi@hardestyhanover.com</u>	<u>N/A</u>
<b>Telephone #</b>	<b>E-mail</b>	<b>Fax #</b>

Stephan Heimburg, PE, Principal

**Name & Title of Firm Representative**

<u></u>	<u>3/1/2024</u>
<b>Signature</b>	<b>Date</b>

Do you accept Visa?  YES  NO

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

ATTACHMENT 2  
STATEMENT OF ORGANIZATION  
(Information Sheet for Transactions and Conveyances Corporation Identification)

The following information will be provided to the City of North Port for incorporation in legal documents. It is, therefore, vital all information is accurate and complete. Please be certain all spelling, and capitalization is exactly as registered with the state or federal government.

Name of Respondent: Hardesty & Hanover, LLC

DBA (if any): \_\_\_\_\_

Type of Entity (Sole Proprietor, Corporation, LLC, LLP, Partnership, etc): Limited Liability Company

Business Address: 5110 Eisenhower Boulevard, Suite 310, Tampa, FL 33634

Phone: 813.749.0823 Fax: N/A

E-Mail snappi@hardestyhanover.com

Print Name and Title of person authorized to bind: Stephan Heimbürg, PE, Principal

Federal Identification Number: 45-3031954

Signature: 

Respondent shall submit proof that it is authorized to do business in the State of Florida unless registration is not required by law.

(Please Check One)

Is this a Florida Corporation:  Yes or  No

If not a Florida Corporation,

In what state was it created: Delaware  
Name as spelled in that State: Hardesty & Hanover, LLC

What kind of corporation is it:  "For Profit" or  "Not for Profit"

Is it in good standing:  Yes or  No

Authorized to transact business  
in Florida:  Yes or  No

State of Florida Department of State Certificate of Authority Document No.: M11000005503

Does it use a registered fictitious name:  Yes or  No

**THIS PAGE MUST BE SUBMITTED WITH PROPOSAL**

**Names of Officers:** See attached sheet

**President:** \_\_\_\_\_ **Secretary:** \_\_\_\_\_

**Vice President:** \_\_\_\_\_ **Treasurer:** \_\_\_\_\_

**Director:** \_\_\_\_\_ **Director:** \_\_\_\_\_

**Other:** \_\_\_\_\_ **Other:** \_\_\_\_\_

**Name of Corporation (As used in Florida):**

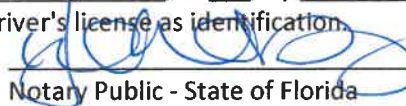
\_\_\_\_\_  
(Spelled exactly as it is registered with the state or federal government)

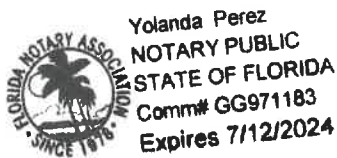
**Corporate Address:**

Post Office Box: \_\_\_\_\_  
City, State Zip: \_\_\_\_\_  
Street Address: 1501 Broadway, Suite 601  
City, State, Zip: New York, NY

STATE OF Florida  
COUNTY OF Hillsborough

Sworn to and subscribed before me this 1st day of March, 2024, by Stephan Heimburg, PE who   
is personally known to me or  has produced his/her driver's license as identification.

  
\_\_\_\_\_  
Notary Public - State of Florida  
Print Name: Yolanda Perez  
Commission No: FF996774



**THIS PAGE MUST BE SUBMITTED WITH PROPOSAL**

## H&H Corporate Officers

Sean A. Bluni, PE  
Chief Executive Officer

Keith S. Griesing, PE  
Chief Technical Officer

Paul M. Skelton, PE  
Chief Development Officer

Anna Volynsky  
Chief Financial Officer

Glen Schetelich  
Principal

Brendan O'Shea, PE  
President Construction Services

## H&H Florida Principals

Michael Sileno, PE  
Principal, South Florida District Manager

Stephan Heimburg, PE  
Principal, Highway Practice Lead

James Phillips, III, PE  
Principal, National Practice Leader for Bridge Design

Henri Sinson, PE  
Fort Lauderdale Office Manager

**ATTACHMENT 5  
DRUG FREE WORKPLACE FORM**

The undersigned Consultant in accordance with Florida Statute 287.087 hereby certifies that Hardesty & Hanover, LLC does:  
(Company Name)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug free workplace through implementation of this section.

**Check one:**

- As the person authorized to sign this statement, I certify that this firm complies fully with above requirements.
- As the person authorized to sign this statement, this firm **does not** comply fully with the above requirements.

  
\_\_\_\_\_  
Offeror's Signature Stephan Heimburg, PE, Principal

3/1/2024  
\_\_\_\_\_  
Date

Date

**THIS PAGE MUST BE SUBMITTED WITH PROPOSAL**

**ATTACHMENT 6  
PUBLIC ENTITY CRIME INFORMATION**

As provided by F.S. §287.133, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a Contractor, Supplier, Subcontractor, or Consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

I, Stephan Heimburg, PE, being an authorized representative of the Respondent, Hardesty & Hanover, LLC, located at 5110 Eisenhower Boulevard, Suite 310 City: Tampa State: FL Zip Code: 33634, have read and understand the contents above. I further certify that Respondent is not disqualified from replying to this solicitation because of F.S. §287.133.

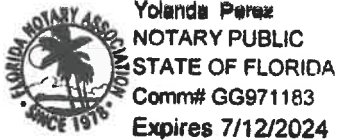
Signature:  Date: 3/1/2024


Telephone #: 813.514.4504 Fax #: N/A

Federal ID #: 45-3031954

STATE OF Florida  
COUNTY OF Hillsborough

Sworn to and subscribed before me this 1st day of March, 2024, by Stephan Heimburg, PE who  is personally known to me or  has produced his/her driver's license as identification.



  
Notary Public - State of Florida

Print Name: Yolanda Perez

Commission No: FF996774

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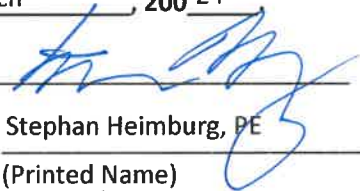
**ATTACHMENT 7  
NON-COLLUSIVE AFFIDAVIT**

State of Florida }  
County of Hillsborough } SS.

Before me, the undersigned authority, personally appeared:  
Stephan Heimburg, PE who, being first duly sworn, deposes and says that:

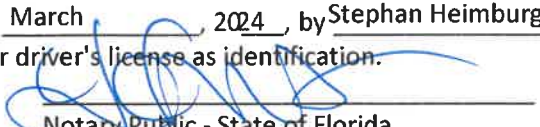
1. He/She is the Principal (Owner, Partner, Officer, Representative or Agent) of Hardesty & Hanover, LLC, the Respondent that has submitted the attached reply;
2. He/She is fully informed respecting the preparation and contents of the attached reply and of all pertinent circumstances respecting such reply;
3. Such reply is genuine and is not a collusive or sham reply;
4. Neither the said Respondent nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other respondent, firm, or person to submit a collusive or sham reply in connection with the work for which the attached reply has been submitted; or have in any manner, directly or indirectly sought by agreement or collusion, or communication or conference with any respondent, firm, or person to fix the price or prices in the attached reply or of any other respondent, or to fix any overhead, profit, or cost elements of the reply price or the reply price of any other respondent, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the reply work.

Signed, sealed and delivered this 1st day of March, 20024

By:   
Stephan Heimburg, PE  
(Printed Name)  
Principal  
(Title)

STATE OF Florida  
COUNTY OF Hillsborough

Sworn to and subscribed before me this 1st day of March, 2024, by Stephan Heimburg, PE who  is personally known to me or  has produced his/her driver's license as identification.

  
Notary Public - State of Florida  
Print Name: Yolanda Perez  
Commission No: FF996774

**ATTACHMENT 8  
LOBBYING CERTIFICATION**

“The undersigned hereby certifies, to the best of his or her knowledge and belief, that”:

STATE OF Florida

COUNTY OF Hillsborough

This 1st day of March of 2022 24


Stephan Heimburg, PE, being first duly sworn, deposes and says that he or she is the authorized representative of Hardesty & Hanover, LLC (Name of the contractor, firm or individual), and that the vendor and any of its agents agree to have no contact or communication with, or discuss any matter related in any way to any active City of North Port solicitation, with any City of North Port elected officials, officers, their appointees or their agents or any other staff or outside individuals working with the city in respect to this request other than the designated Procurement Official Contact and to abide by the restrictions outlined in the General Terms and Conditions of the Solicitation. Technical questions directed to the project manager, is prohibited. These persons shall not be lobbied, either individually or collectively, regarding any questions for bid, proposal, qualification and/or any other solicitations released by the city. To do so is grounds for immediate disqualification from the selection process. The selection process is not considered final until such a time as the Commission has made a final and conclusive determination.

(a) No City appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence either directly or indirectly an officer or employee of the City, City Commission in connection with the awarding of any City Contract.

(b) If any funds other than City appropriated funds have been paid or will be paid to any person for influencing or attempting to influence a member of City Commission or an officer or employee of the City in connection with this contract, the undersigned shall complete and submit Standard Form-L “Disclosure Form to Report Lobbying”, in accordance with its instructions.

Signed, sealed and delivered this 1st day of March, 2022 24

By: [Signature]  
Stephan Heimburg, PE  
(Printed Name)  
Principal  
(Title)

  
Yolanda Perez  
NOTARY PUBLIC  
STATE OF FLORIDA  
Comm# GG971183  
Expires 7/12/2024

STATE OF Florida

COUNTY OF Hillsborough

Sworn to (or affirmed) and subscribed before me by means of X physical presence or    online notarization, this 1st day of March 2022, by Stephan Heimburg, PE.

[Signature]  
Notary Public – State of Florida

Personally Known X OR Produced Identification     
Type of Identification Produced   

Yolanda Perez  
FF996774

**THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL**



**ATTACHMENT 9**  
**CONFLICT OF INTEREST FORM**

F.S. §112.313 places limitations on public officers (including advisory board members) and employees' ability to contract with the City either directly or indirectly. Therefore, please indicate if the following applies:

**PART I.**

- I am an employee, public officer or advisory board member of the City  
\_\_\_\_\_ (List Position Or Board)
- I am the spouse or child of an employee, public officer or advisory board member of the City  
Name: \_\_\_\_\_
- An employee, public officer or advisory board member of the City, or their spouse or child, is an officer, partner, director, or proprietor of Respondent or has a material interest in Respondent. "Material interest" means direct or indirect ownership of more than 5 percent of the total assets or capital stock of any business entity. For the purposes of [§112.313], indirect ownership does not include ownership by a spouse or minor child.  
Name: \_\_\_\_\_
- Respondent employs or contracts with an employee, public officer or advisory board member of the City  
Name: \_\_\_\_\_
- None Of The Above

**PART II:**

Are you going to request an advisory board member waiver?

- I will request an advisory board member waiver under §112.313(12)
- I will NOT request an advisory board member waiver under §112.313(12)
- N/A

The City shall review any relationships which may be prohibited under the Florida Ethics Code and will disqualify any vendors whose conflicts are not waived or exempt.

COMPANY: Hardesty & Hanover, LLC

SIGNATURE: \_\_\_\_\_

Stephan Heimborg, PE, Principal

**THIS PAGE MUST BE SUBMITTED WITH PROPOSAL**

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ATTACHMENT 10  
DISCLOSURE FORM FOR  
CONSULTANT/ENGINEER/ARCHITECT

Please select (only) one of the following three options:

Our firm has no actual, potential, or reasonably perceived, **financial\*** or **other interest\*\*** in the outcome of the project.

Our firm has a potential or reasonably perceived **financial\*** or **other interest\*\*** in the outcome of the project as described here: \_\_\_\_\_.

Our firm proposes to mitigate the potential or perceived conflict according to the following plan:  
\_\_\_\_\_.

Our firm has an actual **financial\*** or **other interest\*\*** in the outcome of the project as described here:  
\_\_\_\_\_.

**\*What does "financial interest" mean?**

If your firm, or employee of your firm working on the project (or a member of the employee's household), will/may be perceived to receive or lose private income depending on the government business choices based on your firm's findings and recommendations, this must be listed as a financial interest. An example would be ownership in physical assets affected by the government business choices related to this project. The possibility of contracting for further consulting services is not included in this definition and is not prohibited.

**\*\*What does "other interest" mean?**

If your firm, or employee of your firm working on the project (or a member of the employee's household), will/may be perceived to have political, legal or any other interests that will affect what goes into your firm's findings and recommendations, or will be/may be perceived to be affected by the government business choices related to this project, this must be listed as another interest.

**BUSINESS NAME:** Hardesty & Hanover, LLC

**NAME (PERSON AUTHORIZED TO BIND THE COMPANY):** Stephan Heimbarg, PE, Principal

**SIGNATURE:** \_\_\_\_\_

**DATE:** 3/1/2024

**THIS PAGE MUST BE SUBMITTED WITH PROPOSAL**

**ATTACHMENT 11**  
**SCRUTINIZED COMPANY CERTIFICATION FORM**

Contractor Name: Hardesty & Hanover, LLC  
Authorized Representative Name and Title: Stephan Heimburg, PE, Principal  
Address: 5110 Eisenhower Blvd, Ste 310 City: Tampa State: FL ZIP: 33634  
Phone Number: 813.514.4504 Email Address: sheimburg@gmail.com

A company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a Contract with the City of North Port for goods or services of any amount if, at the time of bidding on, submitting a proposal for, or entering into or renewing such Contract, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Florida Statutes, section 215.4725, or is engaged in a boycott of Israel.

A company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a Contract with the City of North Port for goods or services of \$1 million or more if, at the time of bidding on, submitting a proposal for, or entering into or renewing such Contract, the company is on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Florida Statutes, section 215.473, or with companies engaged in business operations in Cuba or Syria.

**CHOOSE ONE OF THE FOLLOWING**

This Contract or Contract renewal is for goods or services of less than \$1 million. As the person authorized to sign on behalf of the above-named company, and as required by Florida Statutes Section 287.135(5), I hereby certify that the above-named company is not participating in a boycott of Israel.

This bid, proposal, Contract or Contract renewal is for goods or services of \$1 million or more. As the person authorized to sign on behalf of the above-named company, and as required by Florida Statutes Section 287.135(5), I hereby certify that the above-named company is not participating in a boycott of Israel, is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, and it does not have business operations in Cuba or Syria.

I understand that pursuant to Florida Statutes, section 287.135, the submission of a false certification may result in the termination of the Contract if one is entered into, and may subject the above-named company to civil penalties, attorney's fees and costs.

Certified By:

  
\_\_\_\_\_  
Signature of Contractor's Authorized Representative

Stephan Heimburg, PE, Principal  
\_\_\_\_\_  
Name

Principal  
\_\_\_\_\_  
Title

3/1/2024  
\_\_\_\_\_  
Date

**THIS PAGE MUST BE SUBMITTED WITH PROPOSAL**

**ATTACHMENT 12  
VENDOR'S CERTIFICATION FOR E-VERIFY SYSTEM**

The undersigned Vendor/Consultant/Contractor (Vendor), after being duly sworn, states the following:

1. Vendor is a person or entity that has entered into or is attempting to enter into a contract with the City of North Port (City) to provide labor, supplies, or services to the City in exchange for salary, wages or other remuneration.
2. Vendor has registered with and will use the E-Verify System of the United States Department of Homeland Security to verify the employment eligibility of:
  - a. All persons newly hired by the Vendor to perform employment duties within Florida during the term of the contract; and
  - b. All persons, including sub-contractors, sub-vendors or sub-consultants, assigned by the Vendor to perform work pursuant to the contract with the City.
3. If the Vendor becomes the successful Contractor who enters into a contract with the City, then the Vendor will comply with the requirements of Section 448.095, Fla. Stat. "Employment Eligibility", as amended from time to time.
4. Vendor will obtain an affidavit from all subcontractors attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien as defined in 8 United States Code, Section 1324A(H)(3).
5. Vendor will maintain the original affidavit of all subcontractors for the duration of the contract.
6. Vendor affirms that failure to comply with the state law requirements can result in the City's termination of the contract and other penalties as provided by law.
7. Vendor understands that pursuant to Florida Statutes, section 448.095, the submission of a false certification may result in the termination of the contract if one is entered into, and may subject the Vendor named in this certification to civil penalties, attorney's fees and costs.

VENDOR: Hardesty & Hanover, LLC (Vendor's Company Name)

Certified By:   
AUTHORIZED REPRESENTATIVE SIGNATURE

Print Name and Title: Stephan Heimburg, PE, Principal

Date Certified: 3/1/2024

**THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL**

**ATTACHMENT 13**  
**CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS**  
**PRIMARY COVERED TRANSACTIONS**

This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000.

The Contractor certifies that, neither the firm nor any person associated therewith in the capacity of owner, partner, director, officer, principal, investigator, project director, manager, auditor, and/or position involving the administration of federal funds:

(a) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions, as defined in 49 CFR s29.110(a), by any federal department or agency;

(b) has within a three-year period preceding this certification been convicted of or had a civil judgment rendered against it for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a federal, state, or local government transaction or public contract; violation of federal or state antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) is presently indicted for or otherwise criminally or civilly charged by a federal, state, or local governmental entity with commission of any of the offenses enumerated in paragraph (b) of this certification; and

(d) has within a three-year period preceding this certification had one or more federal, state, or local government public transactions terminated for cause or default.


The Contractor certifies that it shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this project by any federal agency unless authorized by the City of North Port.

The Contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.

This certification is a material representation of fact relied upon by the City of North Port. If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the City of North Port, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer.

The Contractor further agrees to include a provision requiring such compliance in its lower tier covered transactions.

Hardesty & Hanover, LLC	45-3031954	05-455-2252
Company Name (Contractor)	Tax ID Number	DUNS Number
Stephan Heimburg, PE, Principal		
Authorized Representative Name	Authorized Representative Signature	
45-3031954	05-455-2252	1MD51
Federal Issued Tax Identification Number	DUNS Number	CAGE Code issued through www.sam.gov
(If Social Security number DO NOT enter)	DATE: <u>3/1/2024</u>	

**THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL**

**ATTACHMENT 14**

**- CERTIFICATION REGARDING LOBBYING-FEDERAL**

The undersigned certifies, to the best of his or her knowledge, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. § 3801 et seq., apply to this certification and disclosure, if any.

  
\_\_\_\_\_  
Signature of Contractor's Authorized Representative

Stephan Heimburg, PE  
\_\_\_\_\_  
Name

Principal  
\_\_\_\_\_  
Title

3/1/2024  
\_\_\_\_\_  
Date

**THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL**

**END OF PART IV**



5110 Eisenhower Boulevard, Suite 310, Tampa, FL 33634  
T: 813.514.4505 • [fl@hardestyhanover.com](mailto:fl@hardestyhanover.com)  
[www.hardestyhanover.com](http://www.hardestyhanover.com)