



Heath & Lineback Engineers, Inc.

2400 Maitland Center Parkway, Suite 120
Maitland, FL 32751
770-424-1668
info@heath-lineback.com

May 27, 2021

**Statement of Qualification
Engineering and Design Services of
Hartwood Marsh Road – Phase 1
21-0921
Lake County, FL**

1. Vendor Profile

1. VENDOR PROFILE

STATEMENT OF INTEREST AND UNDERSTANDING OF PROJECT

We understand that the scope of this project is to update previously completed design documents and permits for Hartwood Marsh Road to accommodate recent widening along SR 25 (US 27). The Hartwood Marsh Road corridor has seen extensive growth over recent years, and these plan updates are vital to continued growth in the future. We are a highly competent design firm specializing in roadway widening and intersection work. We are excited at the opportunity to work with you to meet your needs and the needs of the County residents.

The existing intersection of SR 25 (US 27) and Hartwood Marsh Road is currently signal controlled with left and right turn lanes. The project location is within the City of Clermont.

Within the limits of this project, SR 25 (US 27) is a six-lane principal urban arterial roadway, running generally north-south through Lake County. US 27 transitions to a four-lane rural principal arterial approximately 1-mile south of the project, near Lake Louisa. Hartwood Marsh Road is classified as an urban collector and serves many neighborhoods and businesses. Currently, Hartwood Marsh Road varies between a 3-lane section and a 2-lane undivided roadway, both with rural shoulders. Across US 27, there is a local no-outlet roadway named Vista Del Lago Boulevard which serves commercial development and a condominium community called Vistas of Lake Louisa.

The alignments of US 27 and Hartwood Marsh Road within the anticipated project limits are generally straight and provide good sight distance to the intersection area; however, the two roadways intersect at approximately 70 degrees. This requires the design team to draft and submit a design variation, as the existing intersection angle is less than 75-degrees, the minimum set forth in the AASHTO *Geometric Design of Highways and Streets*. The posted speeds of the legs at the intersection are: US 27 - 55 mph, Hartwood Marsh Road - 40 mph.

Due to the mixed commercial and residential nature of the area, there are several access points close to the intersection. Between US 27 and Hancock Road, there is the City of Clermont Fire House Number 2, which operates with an emergency signal to access Hartwood Marsh Road. Just east of Hancock Road is Imagine South Lake Charter school and First Baptist Church of Clermont.

According to Florida Traffic Online, US 27 has an average annual daily traffic (AADT) of 36,500 vehicles per day (vpd), with approximately 6% trucks north of the intersection and an AADT of 24,500 vpd south of the intersection, with approximately 9% trucks. Hartwood Marsh Road sees an AADT of 15,700 vpd with approximately 7% trucks.

FIRM PROFILE / FIRM HISTORY

Profile

Since 1994, Heath & Lineback Engineers, Inc. has designed transportation infrastructure and civil site projects for federal, state, county, municipal, and private clients. Our services include bridge and other structural design, inspection, and maintenance; roadway design; pedestrian facilities; hydraulic studies; site design; and water/wastewater/sewer design. We have offices in Maitland, Florida, Marietta, Georgia, Easley, South Carolina, and Carrollton, Georgia. Our strength is having the ability to meet engineering challenges with innovative, cost-effective, and constructible solutions. Design problems are addressed using logical value planning techniques that enable us to identify the needs and desires of our client, pinpoint any project constraints, and develop viable solutions. We are pre-qualified with the Florida Department of Transportation, the Georgia Department of Transportation, and various cities and counties in the southeast.

History

H&L was founded in 1994 with seven employees providing engineering design services. We have grown steadily since then and now have a staff of 56. Our revenues have steadily increased, and we have a healthy

backlog. We continue to focus on transportation infrastructure projects – roadway, bridge, and trail design – as well as design-build efforts.

Our staff of 56 includes 24 Professional Engineers, all with a background of transportation design, as available resources for this work. Our principals and officers of the firm - John Heath, Gary Lineback, Allen Krivsky, and Masood Shabazaz - remain fully active in project management and design, and their skills have been supplemented by a mix of experienced staff and new graduates. Retention of staff has always been high, ensuring that the staff we propose will be the ones delivering any assigned task order. The ability to retain our workforce and the consistent backlog of good work has allowed us to grow while maintaining a quality product and providing a philosophy of service to our clients.

Certified Minority Business Enterprise or Disadvantage Business Enterprise if applicable

Not Applicable

Required Licenses

See attached.



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STATE OF FLORIDA

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THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

KRIVSKY, WILLIAM ALLEN

362 ST. MARYS LN
MARIETTA GA 30064

LICENSE NUMBER: PE53180

EXPIRATION DATE: FEBRUARY 28, 2023

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CALAK, MATTHEW ALLEN

134 NORTHLAKE TRL
CANTON GA 30114

LICENSE NUMBER: PE78760

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BARWICK, THOMAS NORMAN

4167 HIDDEN ENCLAVE LN NW
KENNESAW GA 30152

LICENSE NUMBER: PE79241

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RAHBAR, PEDRAM A.

1812 YORKSHIRE DRIVE
WOODSTOCK GA 30189

LICENSE NUMBER: PE80794

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MOSS, WILLIAM E.

826 LAKE HIGHLAND DRIVE
ORLANDO FL 32803

LICENSE NUMBER: PE74611

EXPIRATION DATE: FEBRUARY 28, 2023

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Society of Wetland Scientists
Professional Certification Program, Inc

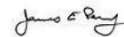
renews the designation

Professional Wetland Scientist

For

George McLatchey

In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification Renewal Program, and verified by the Society's Certification Renewal Review Panel. Professional Wetland Scientist Number 1259 issued on 5/22/2000 and recertified on 12/10/2015. Due to recertify again by 5/22/2020.



James E. Perry, PhD, PWS
President



Pat Frost, PWS
Certification Renewal Chair





Authorized Gopher Tortoise Agent

FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION
Division of Habitat and Species Conservation
Species Conservation Planning Section
620 South Meridian Street, Mail Station 2A
Tallahassee, Florida 32399-1600
(850) 921-1031

Permittee Name: George McLatchey
Permittee Address: 5825 Satel Drive
ORLANDO, FLORIDA 32810
UNITED STATES

Permit Number: GTA-15-00058C
Effective Date: **July 23, 2019**
Expiration Date: **August 27, 2021**

IS AUTHORIZED TO:

1. Conduct gopher tortoise surveys
2. Capture gopher tortoises using bucket traps
3. Capture gopher tortoises using live traps
4. Capture gopher tortoises using hand shovel excavation of gopher tortoise burrows
5. Mark, transport, and release captured gopher tortoises at recipient sites

Permittee Signature: _____ Date: _____

Not valid unless signed. By signature, confirms that all information provided to issue the permit is accurate and complete, and indicates acceptance and understanding of the provisions and conditions listed below. **Any false statements or misrepresentations when applying for this permit may result in felony charges and will result in revocation of this permit.**

Authorized By: Eric Seckinger Authorized for: Eric Sutton, Executive Director

Authorizing Signature: _____ Date: 07/23/2019
Species Conservation Planning Section

Is Authorized To (Continued)

This permit is in effect an amendment and supersedes all previous versions. All amended conditions and provisions of the previous permit (changed or new items) are indicated in bold text.

PERMIT CONDITIONS AND PROVISIONS:

- 1 Authorization to conduct the specified activities in association with the relocation of gopher tortoises in Florida is subject to Rules 68A-9.002 and 68A-27, Florida Administrative Code (F.A.C.), the Gopher Tortoise Permitting Guidelines (April 2008 – revised January 2017) [hereafter, the "Permitting Guidelines"], and subsequent revisions of these guidelines that are in effect at the time the authorized activities are conducted, and subject to the following provisions/conditions.
- 2 Authorized activities are also predicated and conditioned on the information and assurances provided in the **Permittee's 07/22/2019 application**, the assurances of which are herein incorporated by reference.
- 3 The Permittee shall only take, attempt to take, pursue, hunt, harass, capture, possess, or transport gopher tortoises, or molest, damage or destroy any gopher tortoise burrows when such activity is authorized by a separate permit (e.g., Conservation, 10 or Fewer Burrows, Temporary Exclusion, Recipient Site, Scientific Collecting) issued by the FWC for a specified property that authorizes the Permittee to capture and possess gopher tortoises from or within that property.
- 4 Gopher tortoise burrow surveys must be conducted in accordance with the Permitting Guidelines, or as amended. Surveys must be conducted no more than 90 days prior to submitting a relocation application.
- 5 Tortoises shall only be relocated when the low temperature at the recipient site is forecasted by the National Weather Service to be above 50° Fahrenheit for three consecutive days after release (including the day of relocation). This three-day window of milder overnight temperatures is required to allow the relocated tortoises to settle into the recipient site and to reduce the chance of cold-related stress or mortality.
- 6 Captured gopher tortoises that show signs of disease (i.e., nasal and ocular discharge, emaciation, etc.) shall not be relocated off-site to the authorized recipient site. At the Permittee's discretion, symptomatic tortoises may be: relocated on-site; transported to and quarantined at a FWC-licensed wildlife rehabilitation center (list available

upon request) or licensed veterinary facility for treatment and subsequent relocation of recovered, non-symptomatic gopher tortoises along with others from the population; transported and donated to a FWC-permitted disease research program; or humanely euthanized by a licensed veterinarian when disease is advanced.

- 7 Gopher tortoises released at a recipient site shall be released into an enclosure in conformance with the FWC enclosure requirements specified in the Permitting Guidelines, or as amended. Gopher tortoises should be released near existing abandoned burrows or excavated starter burrows at the recipient site.
- 8 Marking of gopher tortoises must be done for all permits except for 10 or Fewer Burrows permits with on-site relocation. All tortoises must be marked with marginal scutes of tortoises \geq 130 mm carapace length (CL) drilled or notched, and marginal scutes of juveniles $<$ 130 mm CL notched. Passive Integrated Transponder (PIT) tags may be used as an alternative to drilling or notching the marginal scutes.
- 9 During transport, gopher tortoises must be held in shaded conditions and in individual containers large enough to allow the tortoise to turn around. Tortoises must not be held more than 72 hours after capture unless otherwise authorized by FWC permit.
- 10 This permit does not authorize Permittee access to any public or private properties. Permission to access the property must be secured from the appropriate landholders prior to undertaking any work on such properties.
- 11 This permit is non-transferable and must be readily available for inspection at all times while engaging in the permitted activities. This permit can be suspended, revoked or not renewed for just cause pursuant to 68-1.010, Florida Administrative Code and Chapter 120, Florida Statutes. Criteria for suspension, revocation, or non-renewal of authorized agent permits and registered agents can be found in the Permitting Guidelines, or as amended.
- 12 The activities authorized under this Permit must be carried out by the Permittee or the Assistant(s) that are designated by the Permittee. The Permittee shall revise its list of designated Assistants utilizing the FWC online permitting system prior to that Assistant conducting any gopher tortoise activities authorized under this permit. **The FWC reserves the right to deny a Permittee's designation of an individual as its Assistant if rights of the individual to obtain gopher tortoise permits have been suspended or revoked.** All activities conducted by Assistants must be under the supervision and responsibility of the Permittee. Assistants must be directly supervised on-site by the Permittee when the Assistant(s) are collecting gopher tortoise blood samples or during backhoe excavation of gopher tortoise burrows. The Permittee shall be as fully responsible for activities conducted by Assistants and contracted backhoe operators to the same extent as if they had themselves carried out those activities under this Permit.
- 13 The Permittee and its Assistant(s) must carry with them either this original permit, or a complete copy, while engaged in the permitted gopher tortoise activities. The Assistant(s) must also be in possession of a copy of the letter of designation from the Permittee.
- 14 The Permittee, by signing this permit, specifically agrees to allow authorized Commission personnel, upon presentation of credentials as may be required by law, access to sites to inspect the activities authorized under this permit.
- 15 A request for permit renewal or extension should be submitted at least 45 days prior to the expiration date of this permit.

A person whose substantial interests are affected by FWC's action may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. A person seeking a hearing on FWC's action shall file a petition for hearing with the agency within 21 days of receipt of written notice of the decision. The petition must contain the information and otherwise comply with section 120.569, Florida Statutes, and the uniform rules of the Florida Division of Administration, chapter 28-106, Florida Administrative Code. If the FWC receives a petition, FWC will notify the Permittee. Upon such notification, the Permittee shall cease all work authorized by this permit until the petition is resolved. The enclosed Explanation of Rights statement provides additional information as to the rights of parties whose substantial interests are or may be affected by this action.



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS7288**
Expiration Date February 28, 2023

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

EDWIN MUNOZ, JR.
5682 WESTERN SUN DR
SAINT CLOUD, FL 34771-7492

Nicole Fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



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PRIDGEN, THOMAS MEREDITH

2437 MARSH ROAD
DELAND FL 32724-8529

LICENSE NUMBER: PE18495

EXPIRATION DATE: FEBRUARY 28, 2023

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DIVISION OF CONSUMER SERVICES

RALPH THOMAS SNOW

2624 BENT HICKORY CIR, LONGWOOD, FL 32779-3627

License Type

Surveyor and Mapper
Surveyor of Record For

License#

LS5561
LB7848

Issued

01/11/96
07/06/10

Expires

02/28/23
02/28/15

Status

Active
Null and Void

[Complaints](#) 0

[Print](#)

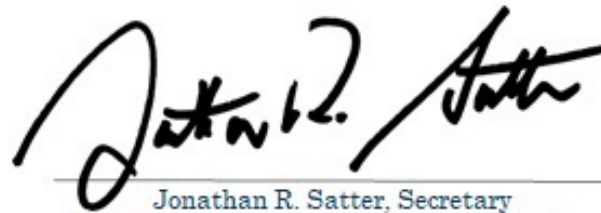
State of Florida

Woman Business Certification

The Valerin Group, Inc.

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:

10/19/2019 to 10/19/2021



Jonathan R. Satter, Secretary
Florida Department of Management Services



Office of Supplier Diversity
4050 Esplanade Way, Suite 380
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