

# FOREST LAKES

ROADWAY AND DRAINAGE M.S.T.U.  
ADVISORY COMMITTEE  
8300 Radio Road  
Naples, FL 34104

## AGENDA

**August 29, 2023**

**I. CALL TO ORDER**

**II. ATTENDANCE**

**Advisory Committee:**

**Marianne Fanning – Chair (4/21/2026)**

**George E. Fogg (4/21/2024)**

**Greg Pollock – Vice Chair (4/21/2026)**

**Kathy Thomson (4/21/2027)**

**Patrick Bernal (4/21/2027)**

**County Staff:**

**Brian Wells – Director, PTNE**

**Dan Schumacher – MSTU Project Manager**

**Contractor(s):**

**Aaron Gross – Ground Zero Landscaping**

**III. APPROVAL OF AGENDA**

**IV. APPROVAL OF MINUTES – [AUGUST 1, 2023](#)**

**V. CONTRACTOR REPORTS**

**A. Ground Zero Landscaping – Aaron Gross**

**VI. PROJECT MANAGERS REPORT – Dan Schumacher**

**A. [BUDGET REPORT](#)**

**VII. ONGOING BUSINESS**

**A. Traffic Signs**

**B. Lighting – RFQ, Hart’s Electrical (Light Pole 106 Replacement)**

**C. Stormwater – RFQ, Shenandoah (Woodshire Pipe Scope & Clean)**

**D. Drainage Swales – RFQ, Agnoli, Barber & Brundage (Rip-Rap Swales Data)**

**E. Fountain Repairs**

**VIII. NEW BUSINESS**

**A. Lake 15 Wall Breach**

**IX. PUBLIC COMMENTS**

**X. ADJOURNMENT**

**NEXT MEETING**

**OCTOBER 3<sup>RD</sup>, 2023 - 10:00 AM**

**FOREST LAKES CONDO ASSOCIATION CLUBHOUSE**

**1058 FOREST LAKES DRIVE, NAPLES, FL 34112**

**(239) 261-5497**

# FOREST LAKES

## ROADWAY AND DRAINAGE M.S.T.U. ADVISORY COMMITTEE 8300 Radio Road - Naples, FL 34104

### MINUTES AUGUST 1, 2023

#### I. CALL TO ORDER

Chair Fanning called the meeting to order at 10:00 A.M. A quorum of four was present.

#### II. ATTENDANCE

<b>Advisory Committee</b>	Marianne Fanning – Chair Greg Pollock – Vice Chair Patrick Bernal (Excused) George Fogg Kathy Thomson
<b>Staff</b>	Dan Schumacher – Project Manager Rosio Garcia – Operations Coordinator (Excused)
<b>Contractors</b>	Scott Hane - Ground Zero Landscaping Wendy Warren - Premier Staffing (Transcription)
<b>Public Attendees</b>	Doug Burnham – Manager, Quail Run Golf Club Jerry Norsic - Resident Stacie Young – Resident

#### III. APPROVAL OF AGENDA

*Ms. Thomson moved to approve the August 7, 2023, Agenda of the Forest Lakes Roadway and Drainage MSTU as amended:*

*Add: VII. Ongoing Business - E. Light Poles.*

*Second by Mr. Fogg. Carried unanimously 4 - 0.*

#### IV. APPROVAL OF MINUTES – May 2, 2023

*Ms. Thomson moved to approve the minutes of the June 6, 2023, meeting as presented.*

*Second by Mr. Pollock. Carried unanimously 4 - 0.*

#### V. CONTRACTOR REPORTS

##### A. Ground Zero Landscaping – Scott Hane

Mr. Hane reported:

- The community landscape is well trimmed and in good condition.
- Perimeter tree canopies were lifted to enhance sidewalk clearance.
- Tree limbs encroaching the light pole lamps were pruned.
- The entryway sign area was cleared.
- Debris was removed from the sidewalks.
- Irrigation is functioning as intended.

*Mr. Gross, Ground Zero Landscaping, submitted a list of lamp outages to Mr. Schumacher.*

**Mr. Fogg** noted:

- Invasive potato vines on the fence bordering Naples Bath & Tennis Club should be sprayed with herbicide.
- The shrubs installed by residents of Emerald Greens Condominiums along the fence on Woodshire Boulevard are blooming.

**Mr. Burnham** reported the golf course swales are in good condition.

## VI. PROJECT MANAGERS REPORT

### A. Budget Report

Forest Lakes MSTU Fund 1626 Budget for August 7, 2023, prepared 7/24/23

- Purchase Orders
  1. Agnoli, Barber & Brundage – engineering, swales survey & data analysis.
  2. Carter Fence – fence repairs.
  3. Ground Zero Landscaping – grounds maintenance.
    - a. Incidentals – landscape materials and refurbishment.
    - b. Maintenance – regular landscape, swales & irrigation maintenance.
  4. Hart’s Electrical – lighting & general electrical services.
  5. Mettauer Environmental – lakes weed control.
  6. Premier Staffing – transcription services.
  7. Shenandoah General Construction – stormwater pipe scoping & cleaning.
  8. SiteOne Landscape Supply – irrigation parts and pumps.
- Budget Summary
  - a. Line 1, Ad Valorem Tax – Of the \$1,031,200 budgeted, \$983,255 has been collected and a balance of \$47,945 remains to collect.
  - b. Line 30, Operating Expense – Of \$230,956 budgeted, \$48,902 is committed on existing Purchase Orders and \$110,724 has been spent, leaving a remainder of \$76,032 available within budget for additional operating expenses as needed.
  - c. Line 33, Transfers Const – Of the \$32,000 budgeted, \$29,609 has been transferred and a balance of \$2,391 remains for transfer. (Property Appraiser & Tax Collector fees).
  - d. Line 35, Transfers – Of the \$63,300 budgeted, \$63,300 has been transferred and a balance of \$0 remains for transfer. (PTNE Staff & Overhead).
  - e. Line 38, Reserves – Of the \$1,658,600 budgeted, \$0 has been spent and a balance of \$1,658,600 remains. (Capital Expenditures).
  - f. Line 39, Total Expenditures – Of \$1,984,856 budgeted, \$44,201 is committed on existing Purchase Orders, with \$203,633 in total expenditures, leaving a remainder of \$1,737,023 available within budget as needed.
- General
  - a. MSTU Tax Rate: 4.00 Mills (0.4%) to maintain MSTU Roadways and Stormwater Drainage within the taxing district.
  - b. Funds not spent in FY-23 (fiscal year 2023) will be carried forward into FY-24.
  - c. Funds collected by the Forest Lakes MSTU cannot be utilized outside of the MSTU.

**Mr. Schumacher** noted:

Sufficient funds remain in both Operating and Capital budget line items going into August and September, the last two months of FY-23.

*\*The Forest Lakes MSTU Advisory Committee will review the millage of 4.0000 per \$1,000.00 of Ad Valorem taxable value during the FY-25 budget planning cycle.*

Asset Management Plan

- The *Asset Management Plan* report to identify life expectancies of community assets and corresponding expenditure projections to fund this maintenance was prepared on April 4, 2022.
- A review of roadway assets for which the MSTU is responsible, and the estimated cost of paving these assets, will be identified and the results reported to the Committee at a future meeting.

**B. September 5<sup>th</sup> Meeting**

*Mr. Fogg motioned to move the September 5, 2023 meeting to August 29, 2023. Second by Mr. Pollock. Carried unanimously 4 – 0.*

**VII. ONGOING BUSINESS**

**A. Traffic Signs**

Crosswalks

STATE LAW Yield (Symbol) TO Pedestrian (Symbol) WITHIN CROSSWALK sign, R1-6.

- Three (3) diamond grade reflective “Pedestrian Yield” signs, twelve (12) by thirty-six (36) inch each, have been received.
- Two “Pedestrian Yield” signs will be installed at the crosswalk at the eastern end of the Forest Lakes Boulevard and Woodshire Lane intersection.
- One (1) “Pedestrian Yield” sign will be installed at the intersection of Forest Lakes Boulevard at the entrance to Quail Forest Boulevard.

**B. Drainage Swales**

Quail Run Golf Club Survey

- The County surveyed the riprap infall and outfall locations of lakes on Quail Run Golf Club on May 25, 2025.
- The data was submitted to Agnoli, Barber & Brundage (ABB) for incorporation into the elevation survey maps prepared in 2022.
- Ab ABB quotation is expected for the August 29<sup>th</sup> committee meeting.

Drainage Pipe Maintenance

Drainage pipe infrastructure configuration records will be provided to Shenandoah General Construction to enable them to submit a cost proposal to inspect and clean the pipes on the north side of the community.

Committee discussion:

- Collier County has a drain cleaning operation but utilizes Shenandoah for large scale work.
- Consideration should be given to a five (5) year drainage pipe cleaning schedule.

- The Director for Stormwater previously recommended drainage pipes be cleaned on an “as needed” basis.
- Inspection of MSTU-maintained pipes on Quail Run GC will follow.

### **C. Stormwater**

#### Pump Station

- Harts Electrical serviced the pump station between Boxwood and Camelia Lanes.
- Water intrusion in the control box required replacement and reworking of internal components.
- The box housing the unit was secured to the post.
- Harts confirmed the pump is operating as intended.

#### Culvert Pipes Maintenance

- The Road Maintenance Division cleaned out the culvert pipes in the immediate vicinity of the pump station to alleviate water overflow in the catch basin.
- Stormwater flows into the catch basin and exits via the pump and piping underground along Forest Lakes Blvd.
- The pipe then passes to another catch basin which empties into an open swale between Daisy and Camelia Lanes and dumps into the Gordon River canal.
- Agnoli, Barber & Brundage, Inc. (ABB), surveyed and designed improvements to the existing outfall swale in the northeast quadrant at the end of Camelia Lane in spring 2021.

### **D. Perimeter Sidewalk Inspection**

- Seven (7) sidewalk slabs in the community walkways pose a potential trip hazard (a variance of one-half (1/2) of an inch or more between two slabs).
- The Road Maintenance Division will grind the slabs down to conform to Florida Department of Transportation (FDOT) code specifications.

### **E. Light poles**

- A Request for Quote (RFQ) was issued to Hart’s Electrical for replacement of eleven (11) lamp outages.
- Condition of light pole #106 which has fallen to the ground will be ascertained and a request for a cost quote to repair or replace it submitted to Hart’s.
- The lighting repair quote proposal will be presented to the Committee at the August 29<sup>th</sup> meeting.

## **VIII. NEW BUSINESS**

### **A. Lake 15 Wall Breach**

A Scope of Work (SOW) for bid solicitation for repair of the Lake #15 bulkhead is in progress.

- The wall will be a replacement in-kind vertical structure.
- Stormwater staff suggested the Scope of Work and Request for Quote (RFQ) be treated as a design build project.

- The project schedule will be coordinated with Mr. Burnham, Manager, Quail Run Golf Club.

**IX. PUBLIC COMMENTS**

Lake 9 Fountains

- A Scope of Work (SOW) for bid solicitation was distributed to repair the Lake 9 fountain aerators.
- Three (3) proposals from contractors were received.
- A Purchase Order is being prepared for award to the lowest qualified bidder.
- Estimated period to activate the fountains is three (3) to four (4) weeks.

Automobile Parking

**Mr. Schumacher** suggested Code Enforcement be contacted to report vehicles parking on sidewalks in street gutters, and on the grass necessitating traffic to cross over the center divider to transgress.

**X. ADJOURNMENT**

*There being no further business to come before the Committee, the meeting was adjourned by the Chair at 10:40 A.M.*

**NEXT MEETING:**

**AUGUST 29, 2023 - 10:50 A.M.  
FOREST LAKES CONDO ASSOCIATION CLUBHOUSE  
1058 FOREST LAKES DRIVE, NAPLES, FL 34105  
(239) 261-5497**

**FOREST LAKES ROADWAY AND DRAINAGE MSTU ADVISORY COMMITTEE**

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**Marianne Fanning, Chair**

The Minutes were approved by the Committee on \_\_\_\_\_, 2023 as presented \_\_\_\_\_, or as amended \_\_\_\_\_.

**FOREST LAKES M.S.T.U.**

Fund 1626

August 29, 2023

	FY-23	Vendor	Item	PO#	Budget	Commitments	Expenditures	Budget Remainder
1	CUR AD VALOREM TAX				\$ (1,031,200.00)	\$ -	\$ (983,255.00)	\$ (47,945.00)
2	OVERNIGHT INTEREST				\$ -	\$ -	\$ (15,791.40)	\$ 15,791.40
3	INVESTMENT INTEREST				\$ (3,000.00)	\$ -	\$ (3,736.18)	\$ 736.18
4	INTEREST TAX COLL.				\$ -	\$ -	\$ (701.90)	\$ 701.90
5	<b>REVENUE STRUCTURE</b>				<b>\$ (1,034,200.00)</b>	<b>\$ -</b>	<b>\$ (1,003,484.48)</b>	<b>\$ (30,715.52)</b>
6	TRANS FROM 259				\$ (38,500.00)	\$ -	\$ -	\$ (38,500.00)
7	TRANSFER FROM PROPERTY APPR.				\$ -	\$ -	\$ -	\$ -
8	CARRY FORWARD GENERAL				\$ (912,800.00)	\$ -	\$ -	\$ (912,800.00)
9	CARRY FORWARD OF ENCUMB AMT				\$ (51,256.25)	\$ -	\$ -	\$ (51,256.25)
10	NEG 5% EST REV				\$ 51,900.00	\$ -	\$ -	\$ 51,900.00
11	<b>TRANSFERS &amp; CONTRIB</b>				<b>\$ (950,656.25)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (950,656.25)</b>
12	<b>TOTAL REVENUE</b>				<b>\$ (1,984,856.25)</b>	<b>\$ -</b>	<b>\$ (1,003,484.48)</b>	<b>\$ (981,371.77)</b>
		Agnoli Barber & Brundage	Swales Data Analysis	4500217841		\$ 203.50	\$ 2,393.00	
13	<b>ENGINEERING FEES</b>				<b>\$ 27,596.50</b>	<b>\$ 203.50</b>	<b>\$ 2,393.00</b>	<b>\$ 25,000.00</b>
14	INDIRECT COST REIMBURS	Collier County		Direct Pay	\$ 4,200.00	\$ 2,100.00	\$ 2,100.00	\$ -
15	LANDSCAPE INCIDENTALS	Ground Zero	Landscape Incidentals	4500220483	\$ 10,000.00	\$ 6,000.00	\$ -	\$ 4,000.00
		Ground Zero	Grounds Maintenance	4500220483	\$ 75,000.00	\$ 12,450.00	\$ 47,550.00	\$ 15,000.00
		Harts Electrical	Electrical Work	4500220484	\$ -	\$ -	\$ 388.41	\$ -
		Amazon		Pcard	\$ -	\$ -	\$ 25.98	\$ -
16	<b>OTHER CONTRACTUAL</b>				<b>\$ 83,659.75</b>	<b>\$ 75,000.00</b>	<b>\$ 12,450.00</b>	<b>\$ 47,964.39</b>
		Amazon	Padlocks	PCARD 5514-86	\$ -	\$ -	\$ 30.99	\$ -
		Mettauer Environmental	Routine Lakes Maintenance	4500221198	\$ 375.00	\$ -	\$ 2,625.00	\$ -
		Shenandoah General Construction	Stormwater Pipe Scope & Clean	4500219256	\$ 45.55	\$ -	\$ 38,959.20	\$ -
		Mettauer Environmental	Aerators Maintenance	4500222918	\$ -	\$ -	\$ 475.55	\$ -
		Carter Fence	Chain Link Fence Repairs	4500223043	\$ -	\$ -	\$ 2,100.00	\$ -
		Mettauer Environmental	ATF	4500223590	\$ -	\$ -	\$ 8,245.86	\$ -
		Mettauer Environmental	Returned for ATF	4500213930	\$ 475.55	\$ -	\$ (8,767.03)	\$ -
		Mettauer Environmental	Monthly Maintenance	4500223616	\$ 7,475.00	\$ -	\$ 3,450.00	\$ -
		NATIONAL TRAFFIC SIGNS IN	Traffic Signage	Pcard 5703-3	\$ -	\$ -	\$ 112.21	\$ -
		Lowe's	Safety Markings	Pcard 5703-54	\$ -	\$ -	\$ 9.98	\$ -
		NATIONAL TRAFFIC SIGNS IN			\$ -	\$ -	\$ 242.50	\$ -
		Solitude Lake		REQ. 10317593	\$ -	\$ 525.00	\$ -	\$ -
17	<b>OTHER CONTRACTUAL</b>				<b>\$ 83,659.75</b>	<b>\$ 8,896.10</b>	<b>\$ 47,484.26</b>	<b>\$ 27,279.39</b>
18	ELECTRICITY	FPL	Electricity	4700004741	\$ 15,000.00	\$ 3,102.83	\$ 12,097.17	\$ (200.00)
19	WATER AND SEWER	City of Naples	Reclaimed Water	4700004742	\$ 1,500.00	\$ 526.15	\$ 973.85	\$ -
20	INSURANCE GENERAL	Collier County	Insurance	Direct Pay	\$ 400.00	\$ -	\$ 400.00	\$ -
		SiteOne Landscape Supply	Irrigation Parts	4500220460	\$ -	\$ 263.78	\$ 236.22	\$ -
21	<b>SPRINKLER SYSTEM MAINT.</b>				<b>\$ 1,500.00</b>	<b>\$ 263.78</b>	<b>\$ 236.22</b>	<b>\$ 1,000.00</b>
22	MULCH				\$ 1,000.00	\$ -	\$ -	\$ 1,000.00
	LIGHTING MAINTENANCE Cont.	Amazon	Lighting Photo Cells	PCARD 5515-22	\$ -	\$ -	\$ 76.67	\$ (76.67)
		Hart's Electrical Inc.	Electrical Repairs	4500220484	\$ -	\$ 4,631.55	\$ 3,383.45	\$ -
		Harts Electrical		REQ.10318371	\$ -	\$ 9,710.00	\$ -	\$ -
23	<b>LIGHTING MAINTENANCE</b>				<b>\$ 5,000.00</b>	<b>\$ 14,341.55</b>	<b>\$ 3,383.45</b>	<b>\$ (12,725.00)</b>
24	LICENSE & PERMITS				\$ 2,000.00	\$ -	\$ -	\$ 2,000.00

**FOREST LAKES M.S.T.U.**

Fund 1626

August 29, 2023

	FY-23	Vendor	Item	PO#	Budget	Commitments	Expenditures	Budget Remainder
		Premier Staffing	Transcriptionist	4500220496		\$ 960.35	\$ 1,827.65	
25	<b>OTHER MISCELLANEOUS</b>				\$ 3,000.00	\$ 960.35	\$ 1,827.65	\$ 212.00
26	OFFICE SUPPLIES				\$ 100.00	\$ -	\$ -	\$ 100.00
27	COPYING CHARGES	JM Todd	Monthly CPC (shared)	4500221236	\$ 200.00	\$ 57.28	\$ 142.72	\$ -
28	FERT HERB CHEM			PCARD 5515-25	\$ 500.00	\$ -	\$ 236.22	\$ 263.78
29	OTHER OPERATING SUPPLIES				\$ 300.00	\$ -	\$ -	\$ 300.00
30	<b>OPERATING EXPENSE</b>				\$ 230,956.25	\$ 48,901.54	\$ 119,315.60	\$ 62,739.11
31	TRANS FROM FUND 159 TO PROPERTY APPRAISER				\$ 8,500.00	\$ -	\$ 7,943.53	\$ 556.47
32	TRANS FROM FUND 159 TO TAX COLLECTOR				\$ 23,500.00	\$ -	\$ 21,665.10	\$ 1,834.90
33	<b>TANSFERS CONST</b>				\$ 32,000.00	\$ -	\$ 29,608.63	\$ 2,391.37
34	TRANS FROM FUND 159 TO FUND 111		Reimbursement for Staff Support		\$ 63,300.00	\$ -	\$ 63,300.00	\$ -
35	<b>TRANSFERS</b>				\$ 63,300.00	\$ -	\$ 63,300.00	\$ -
36	RESERVES FOR CAPITAL				\$ 1,658,600.00	\$ -	\$ -	\$ 1,658,600.00
37						\$ -	\$ -	\$ -
38	<b>RESERVES</b>				\$ 1,658,600.00	\$ -	\$ -	\$ 1,658,600.00
39	<b>TOTAL EXPENDITURES</b>				\$ 1,984,856.25	\$ 48,901.54	\$ 212,224.23	\$ 1,723,730.48

132,933,552	FY-12 Final Taxable Value
129,715,669	FY-13 Oct Taxable Value
129,977,881	FY-14 Oct Taxable Value
140,171,072	FY-15 Oct Taxable Value
152,711,783	FY-16 Oct Taxable Value
165,722,702	FY-17 Oct Taxable Value
190,428,196	FY-18 Oct Taxable Value
202,132,375	FY-19 Oct Taxable Value
210,299,015	FY-20 Oct Taxable Value
219,999,549	FY-21 Oct Taxable Value
227,701,198	FY-22 Oct Taxable Value
<b>\$257,799,765</b>	<b>FY-23 Adopted Taxable Value</b>
<b>13.22%</b>	<b>Adj. FY-22 to FY-23</b>

Prepared on: 8/22/2023

FY-23 Adopted Millage & Tax Dollars		
	FY-23	FY-22
Millage:	4.0000	4.0000
Tax Dollars:	\$1,031,199	\$910,805

4.0 mill cap  
+ \$120,394 13.22%



# HART'S ELECTRICAL INC

John W. Hart  
281 27th St NW  
Naples, FL 34120

(239) 353-7187  
(239) 564-0003 Cell

## PROPOSAL

Customer Name **CC PUBLIC SERVICES DEPARTMENT**  
**PT&NED** Estimate Date: 08/16/23  
Address: 3299 Tamiami Trail E STE 103 Bid # 18-7311  
City, State Zip Naples FL 34112  
Contact: Dan Schumacher  
Phone# 252-5775 Cell (239) 227-4011  
Fax #  
email:

Job Description: **FOREST LAKES STERNBERG POLE #106 REPLACEMENT**  
Supply and Install New Sternberg Black LED Fixture and Pole  
Straigten Bolts and supply new Wirng Fuses and 240 TVSS Unit  
Supply New Pole Arm and Fixture with LED Head.  
Install Pole and Test.  
Pole was Knocked down by Car accident.

Materials	Pole, Head and Arm. Shipping and Tax	TVSS and Fuses	\$	8,910.00
Labor J- Man	8 hours @ \$55.00 per hour		\$	440.00
Labor Appernt	8 hours @ 45.00 per hour			\$360.00
Permitting				
<b>Total:</b>			<b>\$</b>	<b>9,710.00</b>

**This is a not to exceed estimate for budget consideration.**  
**Job shall be charged by the hour.**

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from the above specifications involving extra costs, will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements are contingent upon strikes, accident or delays beyond our control. This proposal is subject to acceptance within thirty (30) days and is void thereafter at the option of the undersigned.



*Gator Done!*

1888 NW 22nd Street  
(239) 337-9385



Pompano Beach, FL, 33069  
shenandoahus.com

DATE: August 22, 2023  
SUBMITTED TO: Collier County-Transportation  
Management Services Department  
Public Transit & Neighborhood  
Enhancement (PTNE) Division  
STREET: 8300 Radio Rd  
CITY, STATE & ZIP: Naples, FL 34104  
PHONE: (239) 252-5775  
FAX:  
EMAIL: dan.schumacher@colliercountyfl.gov  
JOB NAME: Forest Lakes MSTU: 2023 Pipe Scope  
& Clean  
ATTENTION: Dan Schumacher

PROPOSAL #P31247

We propose to furnish a crew and all necessary equipment to desilt and video inspect storm drainage as listed below. Pipe lengths are estimated as no lengths were provided by customer at the above mentioned job location. This work will be performed at our following hourly and/or unit prices:

57 Med Clean 15"	(at \$1.00 Per L.F.)	1200 L.F.	\$1,200.00
58 Med Clean 18"	(at \$1.25 Per L.F.)	300 L.F.	\$375.00
60 Med Clean 30"	(at \$2.00 Per L.F.)	750 L.F.	\$1,500.00
73 Heavy Clean 30"	(at \$10.25 Per L.F.)	2250 L.F.	\$23,062.50
1 Storm video 0-48"	(at \$6.00 Per L.F.)	4500 L.F.	\$27,000.00
5 15 to 30" Plug Each	(at \$5.00 Per. Week)	6 Per. Week	\$30.00
9 4" Pump	(at \$25.00 Per Hour)	60 hour(s)	\$1,500.00
10 6" pump	(at \$35.00 Per Hour)	60 hour(s)	\$2,100.00
125 Mobilization	(at \$300.00 Each)	1 Each	\$300.00
Disposal Pass Thru per Parg 3.33	(at \$500.00 Estimated)	1 Estimated	\$500.00
101 Dive Crew if needed	(at \$450.00 Per Hour)	20 hour(s)	\$9,000.00

**Estimated Total: \$66,567.50**

The pricing in this Proposal is piggyback of Shenandoah's Broward College RFP-2018-167-EH Storm Drain Cleaning, Repairs and Maintenance Contract. Proposals are estimations and are subject to change based on actual conditions; changes may include the scope of work and project costs

SIGNATURE:

SHENANDOAH GENERAL CONSTRUCTION CO.  
Bridgette Sabio

TITLE  
Estimator

DATE  
08/22/2023

ACCEPTANCE OF PROPOSAL / SIGN & RETURN

The above prices, specification and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

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

COMPANY NAME:  
REPRESENTATIVE:

DATE:  
TITLE:

August 22, 2023

*Via email to Dan.Schumacher@colliercountyfl.gov*

Dan Schumacher, MSTU Project Manager  
Transportation Management Services Department  
Public Transit & Neighborhood Enhancement (PTNE) Division  
8300 Radio Road  
Naples, FL 34104

**Re: Forest Lakes MSTU – Quail Run GC Swales – Survey Data Analysis & Easements  
Contract No. 18-7432-CE “Professional Services Library Civil Engineering Category”  
ABB PN 21-0066**

Dear Mr. Schumacher:

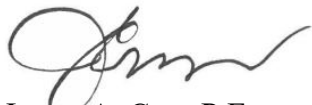
At your request, Agnoli, Barber & Brundage, Inc. is pleased to submit this proposal to render professional services for engineering consulting services on the above-referenced project.

Agnoli, Barber & Brundage, Inc., hereinafter referred to as ABB, proposes to provide Collier County with the professional services outlined in **Exhibit A** attached. Since the basis of the contract is time and materials, a copy of our current Schedule B – Attachment 1, Rate Schedule, is also included. This proposal is under the Terms and Conditions of the County Contract 18-7432-CE. Work shall be complete within one hundred eighty (180) days from the date of the Notice to Proceed.

We hope that this proposal satisfactorily responds to your request.

Sincerely,

AGNOLI, BARBER & BRUNDAGE, INC.



James A. Carr, P.E.  
Senior Vice President

JAC/kg  
Attachments

**EXHIBIT A**  
**Estimated Project Budget**  
**Forest Lakes MSTU – Quail Run GC Swales**  
**August 22, 2023**

**SCOPE OF SERVICES**

Agnoli, Barber & Brundage, Inc. has been requested to provide a proposal to review and incorporate recent survey data of the Forest Lakes MSTU Quail Run Golf Club swales into the plans prepared in 2022. Services include the following:

**1. Swales Plans \$3,828 T/M**

- Use the 2023 survey data provided by the County to prepare a plan showing the topography of existing golf course swales. Add lake riprap infall and outfall elevations as provided by the County Excel file dated 05-25-23, into the swale plans prepared by ABB in August 2022.
- Plot the centerline of swale grades (planform and x-y axis) to identify where survey topography indicates high or low points in swales at lake riprap infalls and outfalls. Show swale profile and indicate on plans where improvements should be made. Conduct site visits and attend meetings, if needed, during the analysis phase of the project.
- Prepare an engineering drawing showing proposed limits of improvement areas and changes to swale depth or width within existing easements.

**Manhour Breakdown**

<b><u>Category</u></b>	<b><u>Hours</u></b>	<b><u>Rate</u></b>	<b><u>Total</u></b>	
Principal	6	\$238	\$ 1,428	T/M
Engineer	2	\$136	\$ 272	T/M
Senior Designer	10	\$128	\$ 1,280	T/M
CADD Technician	4	\$ 95	\$ 380	T/M
Senior Inspector	<u>4</u>	\$117	<u>\$ 468</u>	T/M
<b>Subtotal</b>	<b>26</b>		<b>\$ 3,828</b>	<b>T/M</b>
<b>Total Estimated Budget</b>			<b><u>\$ 3,828</u></b>	<b>T/M</b>

**2. Easements and Plats \$4,430 T/M**

Review the easements, condominium plats and subdivision plats provided by the MSTU to determine where each of the easements are located within Forest Lakes MSTU. Create easement boundaries in CAD format based on the drawings or sketch and descriptions provided. Some easements are written descriptions without a sketch, or some may be illegible. Transcribe bearings and distances into lines to add to the engineering drawings being prepared for the swales and for the master drainage plan. Below is a list of easements provided:

- A. Quail Run Easements:
- Three (3) easements and one (1) donation Agreement
- B. Condo Plat Maps & Easements:
- Plat maps for three (3) parcels under Forest Lakes Golf & Tennis

- Turtle Lake 1 - 10 ft utilities and drainage easement
- Plat maps for Emerald Greens and Fairways at Emerald Greens on Woodshire Lane
- 10 ft easement for all condominium properties sharing a boundary with Quail Run Golf Club

C. Plat maps abutting the golf course 15 ft drainage easements

**Manhour Breakdown**

<b><u>Category</u></b>	<b><u>Hours</u></b>	<b><u>Rate</u></b>	<b><u>Total</u></b>	
Principal	3	\$238	\$ 714	T/M
Senior Designer	8	\$128	\$ 1,024	T/M
Senior Technician	12	\$102	\$ 1,224	T/M
Technician	4	\$ 83	\$ 332	T/M
Surveyor & Mapper	<u>8</u>	\$142	<u>\$ 1,136</u>	T/M
<b>Total Manhours</b>	<b>35</b>			
		<b>Total Estimated Budget</b>	<b><u>\$ 4,430</u></b>	T/M

3. **Reimbursables (Per Contract)** **\$ 200**

**TOTAL** **\$8,458 T/M**

T/M = Time and Materials. Billings will be based on actual time and materials expended in accordance with our rate schedule. Budgets given are an approximate amount and will not exceed without prior authorization. Billings will be made on a percent of budget basis.

**Estimating Note: The hours and rates given above are provided for estimating purposes only. Actual time and materials may vary based on conditions encountered and the qualified personnel available at the time services need to be rendered.**

**SCHEDULE B - ATTACHMENT 1**

**RATE SCHEDULE**

Title	Hourly Rate
Principal	\$238
Senior Project Manager	\$201
Project Manager	\$165
Senior Engineer	\$175
Engineer	\$136
Senior Inspector	\$117
Inspector	\$96
Senior Planner	\$164
Planner	\$130
Senior Designer	\$128
Designer	\$109
Environmental Specialist	\$120
Senior Environmental Specialist	\$156
Scientist/Geologist	\$115
Senior Scientist/Geologist	\$156
Marine Biologist/Hydrogeologist	\$133
Senior Marine Biologist/Hydrogeologist	\$169
Senior GIS Specialist	\$149
GIS Specialist	\$114
Clerical/Administrative	\$73
Senior Technician	\$102
Technician	\$83
Surveyor and Mapper	\$142
CADD Technician	\$95
Survey Crew - 2 man	\$152
Survey Crew - 3 man	\$185
Survey Crew - 4 man	\$218
Senior Architect	\$177
Architect	\$148

The above hourly rates are applicable to Time and Materials task(s) only. The above list may not be all inclusive. Hourly rates for additional categories required to provide particular project services shall be mutually agreed upon by the County and firm, in writing, on a project by project basis, as needed, and will be set forth in the Work Order agreed upon by the parties.

**Grant Funded:** The above hourly rates are for purposes of providing estimate(s), as required by the grantor agency.