

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2026	2027	2028	2029	2030
Capital Expenditures	\$402,068	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	-0-	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
NET FISCAL IMPACT	\$402,068	-0-	-0-	-0-	-0-
# ADDITIONAL FTE POSITIONS (Cumulative)	-0-	-0-	-0-	-0-	-0-

Is Item Included in Current Budget?
 Is this item using Federal Funds?
 Is this item using State Funds?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

Budget Account No:
 Fund 3501 Dept 361 Unit 2009 Object 6505

Recommended Sources of Funds/Summary of Fiscal Impact:
 Road Impact Fee Zone 1/Donald Ross Road and Heights Blvd Intersection Improvements

Brief Description: Supplement No. 1 to a consultant service authorization No. 1

CSA #1, Supplement No. 1

• Basic Services	\$ 207,498.00
• Reimbursable	\$ 56,273.12
• Optional Services	\$ 60,296.40
Total CSA #1, Supplement No. 1	\$ 324,067.52

Estimated Staff Costs

• Roadway Production	\$ 65,000.00
• Roadway Production: Right-of-Way	\$ 3,250.00
• Survey	\$ 3,250.00
• Traffic	\$ 6,500.00
Total Staff Costs	\$ 78,000.00

Fiscal Impact \$ 402,067.52

Impact Fees:

This project includes adding an eastbound left turn lane at the intersection of Donald Ross Rd and Heights Blvd. This will provide additional roadway capacity needed to serve new developments within the Impact Fee Area 1. The use of Impact Fees is in Accordance with Article 13, Chapter A, Section 9 and Chapter H, Section 4 of the ULDC.

C. Departmental Fiscal Review: Janny Rantala Singh

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Dev. and Control Comments:

[Signature] w/2/2/2/2/2/2
 OFMB [Signature] 4/15 [Signature] 4/15

[Signature] 4/24/26
 Contract Dev. and Control 26 4.25.26

B. Approved as to Form and Legal Sufficiency:

[Signature] 4/27/26
 Assistant County Attorney

C. Other Department Review:

 Department Director

This summary is not to be used as a basis for payment.

Donald Ross Road and Heights Boulevard Intersection Improvements

Palm Beach County Project #2022507



LOCATION MAP

ATTACHMENT 1

SUPPLEMENT NO. 1
TO CONSULTANT SERVICE AUTHORIZATION NO. 1
UNDER THE INTERSECTION IMPROVEMENTS ANNUAL
DESIGN SERVICES CONTRACT

Project Name: **Donald Ross Road and Heights Boulevard Intersection Improvements**

Project No: **2022507**

Commission District No.: **1**

	SBE
Participation for this authorization	96.09%
Participation to date for this Contract	98.18%
Contract Commitment	85%
This authorization is under the EBO Ordinance.	

PALM BEACH COUNTY

BOARD OF COUNTY COMMISSIONERS

Account No.: 3501-361-2009-6505

Supplement No. 1 to a Consultant Service Authorization No. 1 dated January 3, 2024 (CSA) under the Intersection Improvements Annual Design Continuing Contract dated April 18, 2023 (R2023-0477), (CONTRACT), between the COUNTY and the CONSULTANT identified herein is for the Additional Services described in **EXHIBIT A** and **EXHIBIT B** for this Supplement.

1. CONSULTANT: Masse Consulting Services, LLC
2. Address: 1132 Cala Lilly Cv. West Palm Beach, FL 33415
3. CONSULTANT shall begin work promptly on the requested Additional Services, per the schedule attached as part of **EXHIBIT A**.
4. Scope of Services to be provided by CONSULTANT: Provide professional engineering services to Palm Beach County for phase 2 to the Donald Ross Road and Heights Boulevard Intersection Improvements project in accordance with the attached **EXHIBIT A** dated December 1, 2025.
5. The compensation to be paid CONSULTANT for providing the requested services as detailed in **EXHIBIT B** shall be:

<input checked="" type="checkbox"/> Basic Services in a lump sum fee of	\$207,498.00
<input checked="" type="checkbox"/> Reimbursable Expenses capped at	\$ 56,273.12
<input checked="" type="checkbox"/> Optional Services capped at	<u>\$ 60,296.40</u>
Totaling	\$324,067.52

OEBO Schedules 1 & 2 **EXHIBIT C**

Project History **EXHIBIT D**

6. All terms of the CONTRACT shall apply to this Supplement.

This Contract, including all Schedules, Forms, and attachments, is subject to the County Emergency Ordinance 2025-014, approved by the BCC on June 3, 2025. As a result, the M/WBE participation will not be enforced.

IN WITNESS WHEREOF, this Supplement is accepted as of the date signed by the COUNTY

SUPPLEMENT NO. 1
TO CONSULTANT SERVICE AUTHORIZATION NO. 1
UNDER THE INTERSECTION IMPROVEMENTS ANNUAL
DESIGN SERVICES CONTRACT

below, subject to the terms and conditions of the aforementioned CONTRACT.

CONSULTANT:
Masse Consulting Services, LLC
Federal ID: **84-2958439**

COUNTY:
Approved as to Terms and Conditions

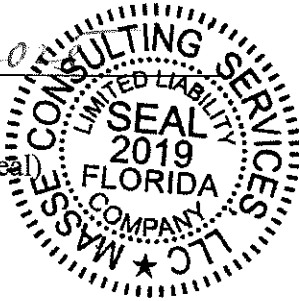
Signed: Basher Khan

Typed Name: Md Abul Basher Khan

Title: Manager

Date: 12/12/20

(Corporate Seal)



ATTEST WITNESS:

Typed Name: William Carey

Title: Senior Project Engineer

Date: 12/12/25

Signed: [Signature]

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SUPPLEMENT NO. 1
TO CONSULTANT SERVICE AUTHORIZATION NO. 1
UNDER THE INTERSECTION IMPROVEMENTS ANNUAL
DESIGN SERVICES CONTRACT

COUNTY: Palm Beach County, a Political
Subdivision of the State of Florida, by and
through its Board of County Commissioners

Signed: _____

Typed Name: Sara Baxter

Title: Mayor

Date: _____

ATTEST:

Michael A. Caruso

Clerk of the Circuit Court & Comptroller

By: _____

Deputy Clerk

Approved as to Form and Legal Sufficiency

By:  _____

Typed Name: Yelizaveta B. Herman

Title: Assistant County Attorney

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205 12/2/25
OKM
12/01/25

SCOPE OF SERVICES

For

**DONALD ROSS ROAD AND HEIGHTS BOULEVARD
INTERSECTION IMPROVEMENTS**

SUPPLEMENT NO. 1

PALM BEACH COUNTY PROJECT NO.: 2022507

PREPARED FOR:

PBC Engineering and Public Works Department
Roadway Production Division
2300 N. Jog Road, 3rd floor W., West Palm Beach, FL 33411



PREPARED BY:

MASSE CONSULTING SERVICES, LLC
2101 Vista Parkway, Suite 237, West Palm Beach, 33411
Mobile Phone: (561) 568-3197
bkhan@masseconsultingfirm.com

October 30, 2024

March 20, 2025 (revised)

August 20, 2025 (revised)

September 16, 2025 (revised)

December 01, 2025 (revised)

SCOPE OF SERVICES
Donald Ross Road And Heights Boulevard Intersection Improvements
Palm Beach County Project No.: 2022507
Supplement No. 1

I. INTRODUCTION

The purpose of this supplemental agreement to the Consultant Service Authorization (CSA) No.1, is to provide Phase 2 of the project, which includes developing construction plans for the addition of an eastbound (EB) left turn lane on Donald Ross Road at this intersection.

Masse Consulting Services, LLC (Masse Consulting), with its sub-consultants, Ritzel-Mason, Inc., Pacifica Engineering Services, LLC, and Simmons & White, Inc., will provide the professional services, under the Intersection Improvements Annual Design Services Contract (R2023-0477), to design and prepare the construction plans for improvements of this intersection.

The addition of the left turn lane will be accomplished with the following modifications:

- **Donald Ross Road:** restripe the pavement on the west leg of Donald Ross Road to add the second eastbound left turn lane.
- **Heights Boulevard:** widen Heights Boulevard to provide enough pavement to receive the dual left turn lanes from Donald Ross Road and transition back to one lane in the northbound direction based on the approved alignment from the Phase 1 Alignment Study using PBC Standards.

The limits of the project will be as follows:

- **Donald Ross Road:** Extending approximately 400 feet west and 200 feet east of the intersection.
- **Heights Boulevard:** Extending approximately 2,142 feet north of the intersection.
- **Pasteur Boulevard:** Extending approximately 200 feet south of the intersection.

The design and construction documents will adhere to the following regulatory standards and guidelines:

- Palm Beach County Thoroughfare Roadway Design Procedures (January 2019)
- Palm Beach County Thoroughfare Roads Typical Sections (April 2018)
- Manual of Uniform Minimum Standards for Design, Construction, and Maintenance for Street and Highways, commonly known as the Florida Greenbook (2018 Edition)
- FDOT Drainage Manual (January 2024) and all other applicable manuals
- FDOT FY 2024-25 Standard Plans for Road Construction
- SFWMD Environmental Resource Permit Information Manual 2020
- AASHTO "Geometrics Design of Highway and Streets", the latest edition
- Manual on Uniform Traffic Control Devices (MUTCD), the latest edition

II. SCOPE OF SERVICES

The scope of services is categorized into three sections: Basic, Reimbursable, and Optional Services.

A. Basic Services

Masse Consulting will provide the following services:

1. General Tasks

- 1.1 Project Manager Progress Meetings: Four plans review meetings with the County (35%, 65%, 96%, and 100% plans). Masterplan submittal will be skipped.
- 1.2 Field Visit: One field visit
- 1.3 Post Design Services (see task description under Section C. Optional Services)

SCOPE OF SERVICES
Donald Ross Road And Heights Boulevard Intersection Improvements
Palm Beach County Project No.: 2022507
Supplement No. 1

2. Roadway Analysis

The specific tasks include:

- 2.1 Typical Section Package
- 2.2 Horizontal/Vertical Master Design Files
- 2.3 Computation Book and Quantities
- 2.4 Cost Estimate

3. Roadway Plans

Roadway construction plans with an aerial background will be prepared on 11" x 17" sheets, using a horizontal scale of 1" = 40' and a vertical scale of 1" = 4'. The set of plans will include:

- 3.1 Key Sheet
- 3.2 Typical Sections
- 3.3 General Notes/Pay Item Notes/Summary of Quantities
- 3.4 Profile Sheets
- 3.5 Plan Sheets
- 3.6 Driveway Profiles
- 3.7 Miscellaneous Details
- 3.8 Roadway Soil Survey Sheets
- 3.9 Cross Sections

4. Drainage Analysis

This analysis involves designing systems for stormwater collection, treatment, and attenuation. The specific tasks include:

- 4.1 Drainage Map Hydrology
- 4.2 Design of Storm Drains
- 4.3 Design of Roadside Ditches
- 4.4 Drainage Design Report: this includes showing computations for water quality and attenuation requirements. The following storm events will be analyzed: 3yr-1day, 10yr-1day, and 25yr-3day.

5. Drainage Plans

The specific tasks under Drainage Plans are:

- 5.1 Drainage Area Map
- 5.2 Drainage Structures
- 5.3 Ditch Profile
- 5.4 Miscellaneous Drainage Detail Sheets
- 5.5 SWPPP Sheets

6. Permits and Environmental

Permits will be obtained from the South Florida Water Management District (SFWMD), the Northern Palm Beach County Improvement District (NPBCID), and the Florida Department of Transportation (FDOT). Additionally, coordination with the Town of Jupiter (TOJ) and the North Palm Beach Heights Water Control District (NPBHWCD) will be required, as Heights Blvd. is maintained by the TOJ and falls within the NPBHWCD's boundary. The following services will be provided

SCOPE OF SERVICES
Donald Ross Road And Heights Boulevard Intersection Improvements
Palm Beach County Project No.: 2022507
Supplement No. 1

- 6.1 Pre-Application Meetings
- 6.2 Complete and submit all required permit applications: this includes SFWMD, NPBCID, and FDOT permit applications and response to requested additional information (RAI) and obtain permits. Coordination with the TOJ and NPBHWCD is also included.

7. Utilities

Masse Consulting Services will assist the County in the utility coordination by providing plans to the County for initial utility contact and all other utility coordination, preparing meeting minutes, and following up on action items. In addition to these general tasks, Masse Consulting will provide the following services:

- 7.1 Develop Initial Utility Contact Plan
- 7.2 Incorporate existing utility facilities.
- 7.3 Prepare conflict matrix.
- 7.4 Identify and incorporate conflict resolutions.
- 7.5 Attend three (3) Meetings.

8. Signing and Pavement Marking Analysis

The tasks include:

- 8.1 Master Design Files
- 8.2 Quantities
- 8.3 Cost Estimate

9. Signing and Pavement Marking Plans

Plans will adhere to the Palm Beach County Typical Details for Pavement Markings, Signing & Geometrics (T-P-24) and include:

- 9.1 Key sheet
- 9.2 General Notes/Pay Item Notes/Summary of Quantities
- 9.3 Plan Sheet

10. Traffic Signal Services by Simmons & White, Inc.

Services include preparing signalization plans for the relocation of signals and permitting. See attached scope of services from Simmons & White, Inc.

B. Reimbursable Services

1. Reimbursable Expenses

a. Masse Consulting

This includes reproduction costs (four sets in 11"x17" color) and permit fees (SFWMD and NPBCID).

b. Simmons & White, Inc.

Reproduction costs for plans and technical special provisions. See attached scope of services from Simmons & White, Inc.

SCOPE OF SERVICES
Donald Ross Road And Heights Boulevard Intersection Improvements
 Palm Beach County Project No.: 2022507
 Supplement No. 1

2. Geotechnical Services by Pacifica Engineering Services, LLC
 See attached scope of services from Pacifica Engineering Services, LLC.

3. Engineering Survey by Ritzel-Mason, Inc.
 See the attached scope of services from Ritzel-Mason, Inc.

C. Optional Services

1. Post-Design Services by Masse Consulting
 Masse Consulting will provide post-design services during the construction phase, including responses to RFI during the bid, shop drawing reviews, and clarifying plans.

2. Subsurface Utility Engineering (SUE) by Ritzel-Mason, Inc.
 See the attached scope of services from Ritzel-Mason, Inc.

3. Optional Signal Services by Simmons & White, Inc.
 See the attached scope of services from Simmons & White, Inc.

4. Lighting Analysis by Scalar Consulting Group Inc.
 See the attached scope of services from Scalar Consulting Group Inc.

III. DELIVERABLES AND SUBMITTALS

Submittals will be provided for the 35%, 65%, 96%, 100%, and final design phases in compliance with the County's Thoroughfare Design Manual. The phase submittals will be provided in PDF format. The final signed and sealed construction plans (4 sets in 11"x17") will be provided in both PDF and hard copy formats.

IV. SCHEDULE

Final construction plans are expected to be completed within 12 months from the Notice to Proceed (NTP). A tentative schedule is enclosed.

V. EXCLUDED SERVICES

- Public Involvement and Outreach Meeting
- Traffic Control Plans (MOT)
- Utility Adjustment Plans
- Right-of-Way Acquisition Services

PROJECT SCHEDULE

For

Donald Ross Road and Heights Boulevard Intersection Improvements

PALM BEACH COUNTY PROJECT NO.: 2022507

Supplement No. 1

Notice to Proceed Date: 1/26/2026

ID	TASK NAME	START	END	DAYS	WORK DAYS
1	Data Collection				
1.1	Survey Data & Geotechnical Collection 1st Submittal	Mon 1/26/26	Mon 3/02/26	36	26
1.2	County review of Survey Data, 1st Review	Tue 3/03/26	Mon 3/23/26	21	15
1.3	Revise and Resubmit Survey Data 2nd Submittal	Tue 3/24/26	Thu 4/02/26	10	8
1.4	County review of Survey Data, 2nd Review	Fri 4/03/26	Thu 4/23/26	21	15
1.5	Survey Data Final Submittal	Fri 4/24/26	Mon 5/04/26	11	7
2	Phase IA - IC				
2.1	Prepare Initial Utility Contact Plans	Fri 1/30/26	Tue 2/03/26	5	3
2.2	Distribution of Utility Plans & Recieve Markups	Thu 2/05/26	Thu 2/26/26	22	16
3	PHASE ID- 35% SUBMITTAL				
3.1	Prepare & Submit 35% Plans	Mon 3/02/26	Thu 4/02/26	32	24
3.2	County Review 35% Plans	Fri 4/03/26	Thu 4/23/26	21	15
4	65% Plans Phase II				
4.1	Prepare & Submit 65% Plans	Fri 4/24/26	Mon 6/08/26	46	32
4.2	County Review 65% Plans	Tue 6/09/26	Wed 7/01/26	23	17
4.3	Utility Coordination Meetings (1st Meeting)	Tue 7/07/26	Tue 7/07/26	1	1
4.4	Utility Pothole information provided by owners	Fri 7/10/26	Thu 8/20/26	42	30
4.5	Utility Coordination Meeting (2nd Meeting)	Tue 8/25/26	Tue 8/25/26	1	1
4.6	Prepare & Submit Permit Applications	Wed 8/26/26	Tue 9/08/26	14	10
5	96% Plans Phase III				
5.1	Prepare & Submit 96% Plans (w utility information)	Wed 9/09/26	Thu 10/22/26	44	32
5.2	County Review 96% Plans	Fri 10/23/26	Thu 11/12/26	21	15
5.3	Utility Coordination Meeting (Final Meeting)	Tue 11/17/26	Tue 11/17/26	1	1
6	100% Plans Phase IV				
6.1	Prepare/Submit 100% Plans	Wed 11/18/26	Thu 12/31/26	44	32
6.2	County Review 100% Plans	Fri 1/01/27	Thu 1/21/27	21	15
7	Final/Construction Plans				
7.1	Prepare & Submit Final/Construction Plans	Fri 1/22/27	Fri 2/19/27	29	21

Project Staff Hour Summary

Name of Project:		DONALD ROSS ROAD AND HEIGHTS BOULEVARD INTERSECTION IMPROVEMENTS (SUPPLEMENT NO. 1)					Consultant Name:		MASSE CONSULTING SERVICES, LLC	
PBC Project Number:		2022507					Consultant Number:		2023-118	
							Date:		8/19/2025	
Task Description	Total Staff Hours	Staff Categories					Staff Hours By Activity	Salary Cost By Activity	Average Rate Per Task	
		Project Manager	Senior Engineer	Project Engineer	Engineering Intern	CADD/Computer Technician				
		\$67.00	\$62.00	\$47.00	\$33.00	\$30.00				
BASIC SERVICES										
1	General Tasks	22 ✓	4	9	9	0	0	22	\$1,249.00	\$56.77
2	Roadway Analysis	216 ✓	42	54	76	22	22	216	\$11,120.00	\$51.48
3	Roadway Plans	303 ✓	61	76	106	30	30	303	\$15,671.00	\$51.72
4	Drainage Analysis	103 ✓	21	26	36	10	10	103	\$5,341.00	\$51.85
5	Drainage Plans	106 ✓	21	27	36	11	11	106	\$5,466.00	\$51.57
6	Permits & Environmental	208 ✓	42	52	72	21	21	208	\$10,745.00	\$51.66
7	Utilities	88 ✓	18	22	30	9	9	88	\$4,547.00	\$51.67
8	Signing and Pavement Marking Analysis	37 ✓	7	10	13	4	3	37	\$1,922.00	\$51.95
9	Signing and Pavement Marking Plans	40 ✓	4	6	14	6	10	40	\$1,796.00	\$44.90
Total Staff Hours (Basic Services)		1123 ✓	220	282	392	113	116	1123		\$51.52
Total Staff Cost (Basic Services)			\$14,740.00	\$17,484.00	\$18,424.00	\$3,729.00	\$3,480.00		\$57,857.00 ✓	
OPTIONAL SERVICES										
1	Post Design	40	16	16	8	0	0	40	\$2,440.00	\$61.00
Total Staff Hours (Optional Services)		40	16	16	8	0	0	40		
Total Staff Cost (Optional Services)			\$1,072.00	\$992.00	\$376.00	\$0.00	\$0.00		\$2,440.00	

EBO SBE Calculation for this Fee Summary		SBE \$	Non-SBE \$
Prime-Masse Consulting Services, LLC		\$184,140.20	
Ritzel-Mason, Inc.		\$44,067.05	
Simmons & White, Inc.		\$69,077.00	
Pacifica Engineering Services, LLC		\$14,123.27	
Scalar Consulting Group Inc.			\$12,660.00
Totals		\$311,407.52	\$12,660.00

SBE % Achieved	96.09%
SBE % Committed	85.00%

Basic Services:	
Salary Related Costs:	\$57,857.00
Contract Multiplier	3.00
Subtotal Basic Services (Masse Consulting Services, LLC):	\$173,571.00 ✓
Simmons & White, Inc.	\$33,927.00 ✓
Basic Services Total:	\$207,498.00 ✓

Reimbursables:	
Masse Consulting Services, LLC (Permits)	\$2,750.00 ✓
Masse Consulting Services, LLC (Reproduction/Prints)	\$499.20 ✓
Simmons & White, Inc.	\$200.00 ✓
Pacifica Engineering Services, LLC	\$14,123.27
Ritzel-Mason, Inc.	\$38,700.65
Reimbursables Total:	\$56,273.12

Optional Services:	
Masse Consulting Services, LLC (Unloaded)	\$2,440.00
Contract Multiplier	3.00
Masse Consulting Services, LLC (Loaded)	\$7,320.00
Ritzel-Mason, Inc.	\$5,366.40 ✓
Simmons & White, Inc.	\$34,950.00 ✓
Scalar Consulting Group Inc.	\$12,660.00
Optional Services Total:	\$60,296.40

GRAND TOTAL ESTIMATED FEES: \$324,067.52 ✓

Project Activity 1: General Tasks						
Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
1.1	Project Manager Progress Meetings	EA	4	4	16	Four meetings; 2 persons including meeting preparation and meeting minutes
1.2	Field Visit	EA	1	6	6	One field visit (6 hrs x 1), includes travel time
1. General Tasks Total					22	
1.3	Post Design Services	LS	1	40	40	Optional services including RFIs during bidding & Construction, Pre-Construction Meetings, Shop drawing reviews

Project Activity 2: Roadway Analysis						
Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
2.1	Typical Section Package	EA	3	2	6	3 typical sections: 1-Donald Ross Road, 2-Heights Blvd.
2.2	Horizontal /Vertical Master Design Files	LS	1	170	170	For horizontal/vertical master design files
2.3	Computation Book and Quantities	EA	4	6	24	65%, 96%, 100% and final submittals
2.4	Cost Estimate	EA	4	4	16	65%, 96%, 100% and final submittals
2. Roadway Analysis Total					216	

Project Activity 3: Roadway Plans						
Task No.	Task	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
3.1	Key Sheet	Sheet	1	2	2	Update key sheet based on Phase I Alignment
3.2	Typical Sections	EA	3	4	12	Update 3 Typical Sections based on survey
3.3	General Notes/Pay Item Notes/Summary of Quantities	Sheet	2	12	24	General Notes, Pay Item Notes, and Summary of Quantities
3.4	Profile Sheet	Sheet	5	15	75	5 roadway profile sheets
3.5	Plan Sheet	Sheet	5	15	75	5 roadway plan sheets
3.6	Driveway Profiles	EA	1	4	4	1 driveway
3.7	Miscellaneous Details	EA	1	16	16	Cover all roadway details
3.8	Roadway Soil Survey Sheets	Sheet	1	2	2	Insert Soil Survey Sheets in Plan Set provided by geotechnical consultant
3.9	Cross Sections	EA	31	3	93	31 cross-sections @ 100' spacing and 50' spacing at curves
3. Roadway Plans Total					303 ✓	

Project Activity 4: Drainage Analysis						
Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.1	Drainage Map Hydrology	LS	1	12	12	Include all tasks related to setting up CADD design files, importing, and cleaning up the survey data
4.2	Design of Storm Drains	EA	9	3	27	Anticipate 9 new/modified drainage structures with pipes
4.3	Design of Roadside Ditches	LS	1	24	24	
4.4	Drainage Design Report	LS	1	40	40	Drainage calculations and report
4. Drainage Analysis Total					103	

Project Activity 5: Drainage Plans						
Task No.	Task	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
5.1	Drainage Area Map	Sheet	2	16	32	2 sheets, 1:200 scale
5.2	Drainage Structures	EA	9	4	36	Drainage structures anticipated for project
5.3	Ditch Profile	Sheet	4	2.5	10	
5.4	Miscellaneous Drainage Detail Sheets	Sheet	1	8	8	control structure, etc.
5.5	SWPPP Sheets	Sheet	5	4	20	
5. Drainage Plans Total					106	

Project Activity 6: Permits and Environmental						
Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
6.1	Pre-Application Meeting	LS	2	4	8	Meeting to discuss LWDD and SFWMD permit requirements including preparing meeting agenda & minutes.
6.2	Complete and Submit All Required Permit Applications	LS	1	200	200	SFWMD ERP (60 hrs), NPBCID (40 hrs), FDOT (80 hrs) including RAIs; Includes coordination with the TOJ (12 hrs) and NPBHWCD (8 hrs)
6. Permits and Environmental Total					208	

Project Activity 7: Utilities						
Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
7.1	Develop Initial Utility Contact Plan	EA	1	4	4	To be used by PBC to facilitate markups by facility owners
7.2	Incorporate existing utility facilities	LS	1	24	24	Utilities identified by PBC in markup request letter + updating plans to show any relocations to be done prior to construction by facility owner. Assume multiple markups per utility Level D and B
7.3	Utility Conflict Matrix	LS	1	24	24	Develop conflict matrix
7.4	Identify and incorporate conflict resolutions	LS	1	12	12	Update conflict matrix with resolutions (for 3 meetings)
7.5	Meetings	EA	3	8	24	3 meetings (65%, 96%, and 100%), 2 persons; includes meeting preparation, conduct meetings, and develop minutes
7. Utilities Total					88 ✓	

Project Activity 8: Signing & Marking Analysis						
Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
8.1	Master Design Files	LS	1	16	16	
8.2	Quantities	EA	3	4	12	65%, 96%, and 100% submittals
8.3	Cost Estimate	EA	3	3	9	65%, 96%, and 100% submittals
8. Signing and Pavement Marking Analysis Total					37	

Project Activity 9: Signing & Pavement Marking Plans						
Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
9.1	Key Sheet	Sheet	1	4	4	
9.2	General Notes/Pay Item Notes/Summary of Quantities	Sheet	1	6	6	
9.3	Plan Sheet	Sheet	5	6	30	
9. Signing and Pavement Marking Plans Total					40	

REIMBURSABLE EXPENSES (REPRODUCTION FEES)

Consultant Masse Consulting Services, LLC

Name of Project: **DONALD ROSS ROAD AND HEIGHTS BOULEVARD INTERSECTION IMPROVEMENTS
(SUPPLEMENT NO. 1)**

PBC Project Number: 2022507

PLANS	No of Sets	Pages Per Set	Cost Per Page	Total Units	Comments
Permit Plans	0	0		\$ -	
35% Plans	0	0		\$ -	
65% Plans	0	0		\$ -	
96% Plans	0	0		\$ -	
100% Plans	0	0		\$ -	
Final Plans	4	42	\$ 1.40	\$ 235.20	Color Copies (11"x17")
Computation Book and Quantities	2	20	\$ 0.60	\$ 24.00	B&W Copies (8.5" x 11")
Drainage Report	2	200	\$ 0.60	\$ 240.00	B&W Copies (8.5" x 11")
TOTAL \$				499.20 ✓	

REIMBURSABLE EXPENSES (PERMIT FEES)

Name of Project: **DONALD ROSS ROAD AND HEIGHTS BOULEVARD
INTERSECTION IMPROVEMENTS (SUPPLEMENT NO. 1)**

PBC Project Number: **2022507**

Agency	Amount	Comments
South Florida Water Management District	\$ 2,000.00	See enclosed SFWMD permit application fee schedule
Northern Palm Beach County Improvement District	\$ 750.00	Drainage Permit (See enclosed NPBCID Permit Fees)
Total Fee =	\$ 2,750.00	

Greater than 300 mgm.	\$3,200
Noticed General Water Use Permit.	
Applications filed electronically at www.sfwmd.gov/ePermitting .	\$100
Application filed by other means.	\$350
Aquifer Storage and Recovery: cost added to the applicable use type listed above.	\$1,000
Permit Transfer to Another Entity Pursuant to Rules 40E-0.107 and 40E-2.351, F.A.C.	\$300
Letter Modification.	no fee
General Permit by Rule.	no fee

(2) Water Well Construction Permit Application processing fees are in the following table:

TABLE 40E-1.607(2)
 PERMIT APPLICATION PROCESSING FEES FOR
 WATER WELL CONSTRUCTION PERMIT APPLICATIONS
 REVIEWED PURSUANT TO CHAPTER 40E-3, F.A.C.

Category	Amount
Water Well Construction.	\$100
Water Well Abandonment.	no fee

(3)(a) Environmental Resource Permit Application processing fees are in the following table:

TABLE 40E-1.607(3)(a)
 PERMIT APPLICATION PROCESSING FEES FOR
 ENVIRONMENTAL RESOURCE PERMIT APPLICATIONS
 REVIEWED PURSUANT TO CHAPTER 62-330, F.A.C.

For the purposes of determining the applicable processing fee, "project area" means the total area wherein works occur as part of an activity requiring a permit under Chapter 373, Part IV, F.S., including all portions of the stormwater management system serving the project area.

1. Use of the reviewing agency's electronic self-certification system.	\$0
2. Verification of exemption under Section 373.406 or 403.813(1), F.S. or under Rules 62-330.050 through 62-33.051, F.A.C.	\$100
3. Verification of qualification to use a General Permit.	\$250
4. Individual or Conceptual Approval Permits, excluding Permits for a Mitigation Bank.	
a. New applications – the processing fee for a new permit application shall be as determined from the categories below:	
(I) Total project area of less than 10 acres and no activities in, on or over wetlands or other surface waters, except where exempt under paragraphs 62-330.051(9)(a) through (c), F.A.C.	\$2,000
(II) Project exceeds any of the thresholds in sub-sub-subparagraphs (3)(a)4.a.(I), above involves a total project area of less than 10 acres, less than 1 acre of works (i.e. dredging, filling, construction, or alteration) in, on or over wetlands and other surface waters, AND less than 10 new boat slips.	\$3,500
(III) Project exceeds any of the thresholds in sub-sub-subparagraph (3)(a)4.a.(II), above, but involves a total project area of less and 40 acres, less than 3 acres of works in, on or over wetlands and other surface waters, AND less than 30 new boat slips.	\$5,500
(IV) Project exceeds any of the thresholds in sub-sub-subparagraph (3)(a)4.a.(III), above, but involves a total project area of less than 100 acres, less than 10 acres of works in, on or over wetlands and other surface waters, AND less than 50 new boats ships.	\$7,500
(V) Project exceeds any of the thresholds in sub-sub-subparagraph (3)(a)4.a.(IV), above, but involves a total project area of less than 640 acres, AND less than 50 acres of works in, on or over wetlands and other surface waters.	\$13,125
(VI) Project exceeds any of the thresholds sub-sub-subparagraph (3)(a)4.a.(V), above.	\$25,000

(VII) Projects that are exclusively for agriculture or silviculture, and that involve a total project area of less than 10 acres AND less than 1 acre of works (i.e. dredging, filling, construction, or alternatiion) in, on or over wetlands and other surface waters.	\$859
(VIII) Projects that are exclusively for agriculture or silviculture, and that exceed any of the thresholds in sub-sub-subparagraph (3)(a)4.a.(VII), above, but involves a total project area of less than 40 acres AND less than 3 acres of works in, on or over wetlands and other surface waters.	\$2,444
(IX) Projects that are exclusively for agriculture or silviculture, and that exceed any of the thresholds in sub-sub- subparagraph (3)(a)4.a.(VIII), above, but involve a total project area of less than 100 acres AND less than 10 acres of works in, on or over wetlands and other surface waters.	\$4,029
(X) Projects that are exclusively for agriculture or silviculture, and that exceed any of the thresholds in sub-sub-subparagraph (3)(a)4.a.(IX), above, but involve a total project area of less than 640 acres AND less than 50 acres of works in, on or over wetlands and other surface waters.	\$5,284
(XI) Projects that are exclusively for agriculture or silviculture, and that exceed any of the thresholds in sub-sub-subparagraph (3)(a)4.a.(X), above.	\$6,605
(XII) Individual or Conceptual Permits solely for environmental restoration or enhancement activities, provided such activities are not associated with a mitigation bank and are not being implemented as mitigation for other activities that require a permit under Chapter 373, Part IV, F.S. For the purposes of this provision, the term "environmental restoration or enhancement" means an action or actions designed and implemented solely to convert degraded or altered uplands, wetlands, or other surface waters to intact communities typical of those historically present, or to improve the quality and condition of currently degraded wetlands or other surface waters to the more healthy, functional, and sustaining condition for fish, wildlife, and listed species.	\$250
(XIII) Individual or Conceptual Permit solely to retrofit an existing stormwater management system or systems to add treatment to and reduce stormwater pollutant loadings from the system or systems.	\$250
(XIV) An Individual Permit for a phase of construction that is consistent with an existing Conceptual Approval Permit.	\$1,500
b. Major Modifications that exceed any of the thresholds in subsection 62-330.315(3), F.A.C.	
(I) Major Modification to an Individual or Conceptual Approval Permit that increase the project area.	60% of fee for new permit for the same activity
(II) All other Major Modification.	60% of fee for new permit for the same activity
c. Minor Modifications that do not exceed any of the thresholds in subsection 62-330.315(2), F.A.C.	
(I) Time Extensions of Permits, where not exempt from fees under Florida Statutes.	\$500
(II) Minor Modifications to correct minor errors that do not involve technical review, to transfer ownership of a permit, or to transfer a permit from the construction to the operation phase.	\$0
(III) All other Minor Modifications.	\$250
5. Individual or Conceptual Permits for a Mitigation Bank.	
a. New applications.	
(I) For a Mitigation Bank with a permit area less than 100 acres.	\$7,500
(II) For a Mitigation Bank with a permit area greater than 100 acres but less than 640 acres.	\$13,125
(III) For a Mitigation Bank with a permit area of 640 acres or more.	
b. Major Modifications involving changes to one or more of the following components: service area; credit assessment; success or release criteria; hydrologic structures or alterations; constructions or mitigation design that does not increase the project area; elimination of lands; or monitoring or management plans:	
(I) Affecting one of the above components.	20% of the fee under 5.a.
(II) Affective to of the above components.	40% of the fee under 5.a.
(III) Affective three of the above components.	60% of the fee under 5.a.

V.FEE SCHEDULE**Submittal Fee:**

Single Family Residential Lot: \$250.00 all others: \$500.00 including POA's, Governmental Agencies, Utility Companies, Developers, etc.

Review Fees:

Permit review fees are based on actual engineering costs associated with the permit review process. If during the review process, the review fees exceed \$2,000.00 prior to permit approval, an interim invoice will be issued to the Permittee. For review fees less than \$2,000.00 an invoice for the actual cost of review will be sent prior to permit issuance.

There will be a \$250.00 administrative fee due for any permit modification requests submitted subsequent to the issuance of the permit plus any applicable review fees.

Legal Fees:

All legal fees incurred by Northern in connection with the project being permitted will be invoiced in conjunction with review fees.

Inspection/Usage Fees:

The invoice referenced above will also include a minimum inspection fee of \$250.00 or 3% of Engineer's Cost Estimate for construction, whichever is greater. The cost estimate is to be based on Northern permitted activities and affected facilities. This fee will cover Northern's cost to inspect permitted activities, attend project meetings and deal with any other miscellaneous items that come up before the permit is closed. Please note that the Permittee is required to submit a signed and sealed cost estimate from their Engineer of Record with the initial submittal. When the permit is complete and has been closed by Northern all remaining inspection fees will be returned to the Permittee. Please allow 4 to 6 weeks from the time of closure for delivery of the check.

If additional inspection fees or other related fees to the permit above the \$250.00 or 3% of the cost of construction are incurred, the Permittee will be invoiced for the remaining balance and that balance must be paid prior to permit close out.

WAIVER OF FEES

The following types of permit submittals are granted an automatic waiver:

- a. All permit submittals to address prospective or remedial erosion control within a Northern property interest shall be exempt from payment of Northern's standard permit fees and charges.

**THE PERMIT WILL NOT BE ISSUED UNTIL FULL PAYMENT IS RECEIVED.
ALL FEES SUBJECT TO CHANGE WITHOUT NOTICE**

Effective March 28, 2012, requests for above ground encroachments within a Northern water management tract, easement, or other real property interest by applicants other than another utility provider will be subject to the criteria indicated on the attached cross section identified as "Maximum Encroachment Criteria". The applicant will be responsible for providing survey data from a Florida licensed Land Surveyor substantiating that the proposed encroachment will be in compliance with said Criteria. If the survey data confirms that compliance with the stated Criteria will be met, the applicant will then be required to apply for a construction permit in accordance with Northern's established permitting program for the proposed improvements. Northern reserves the right to record its permits or a Notice thereof in the public records of Palm Beach County."



Masse Consulting Services, LLC
2101 Vista Parkway, Suite 277
West Palm Beach, Florida 33411

October 16, 2024
Revised 8/19/2025
Revised 09/16/2025
Revised 11/25/2025

Attention: Mr. Basher Khan, P.E.

Reference: Donald Ross Road and Heights Boulevard Intersection Improvements
Palm Beach County Project No. 2022507
Palm Beach County, Florida

Dear Mr. Khan:

We are pleased to submit the following proposal for professional services in connection with signal design for the above referenced intersection in Palm Beach County, Florida. Simmons & White, Inc., hereinafter referred to as the Consultant, proposes to furnish professional services for Masse Consulting Services, LLC, hereinafter referred to as the Client of the scope outlined below for the fees stipulated herein.

Scope of Services

The project consists of adding an eastbound left turn lane on Donald Ross Road and a receiving lane on Heights Boulevard. Impacts include relocation of pedestrian signals on the northwest corner (NWC) and re-alignment of signals facing the north approach. Potential impacts include relocation of the mast arm on the northwest corner and structural analysis of the southwest corner (SWC) mast arm. Existing signal plans show the mast arm in the southeast corner (SEC) was designed for an additional signal head for the second left turn lane. No structural design is expected at this time for the southeast corner mast arm.

Mr. Basher Khan, P.E.
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Scope of Services (Continued)

The Consultant will perform the following:

1. Mast Arm Signalization Plans – Prepare Signalization Plans in the standard plan format 11" x 17", and at a scale of 1" = 40' (1" = 20' scale will be provided only as requested). The traffic signals will be designed in accordance with Florida Department of Transportation (FDOT) and Palm Beach County design criteria in conjunction with criteria established in the Manual of Uniform Traffic Control Devices (MUTCD).

Detailed information will include signal head type and locations, signal phasing/sequencing diagram, preemption timing chart, vehicle detection chart, pedestrian actuation, signal pole locations, stop bars, pedestrian crosswalks, traffic lane lines and other appropriate details.

The following sheets will comprise the Signalization Plan set:

- a. Key Sheet – A key sheet for the project will be prepared indicating the project number, County name, street name, Plan Index and other appropriate general construction data.
- b. Quantities Sheet – The quantities sheet will include a tabulation of items, descriptions and quantities of materials and type of work.
- c. General Notes – General notes referencing pay items or indicating special design information such as but not limited to controller operations or maintenance of traffic will be provided.
- d. Signalization Plans – All items necessary to construct the proposed signal modifications.
- e. Signalization Detail Sheets – Mast Arm and Conduit detail sheets required by maintaining agency for approval.
- f. Pavement Marking Plan – All pavement markings necessary to signal operation.

NOTE: This Item does not include the costs associated with signal timing, utility relocation coordination, preparing or submitting variances, or preparing easements and/or right-of-way takes.

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Scope of Services (Continued)

2. FDOT Permitting – This work is assumed to be permitted as part of the roadway project. This includes work to coordinate the lighting analysis, FDOT structural approval, and Traffic Operations approval. This does not include work to coordinate FPL lighting, if required. This does not include work to coordinate Right-of-Way/easements.
3. Utility Coordination – Utility Coordination is assumed to be led by the County and/or the Client, including providing utilities layers in CADD that reflect underground and overhead facilities horizontally and vertically and performing soft digs where needed. Utility coordination for signal design shall include soft dig attendance, meeting attendance, utility conflict matrix preparation, coordinating power service, and submitting plans to utilities at all phases. Coordination for utility relocation is not included.
4. Structural Analysis for Southwest Corner (SWC) Mast Arm (Optional) – MathCad Analysis and FDOT Structural Excel spreadsheets used in new FDOT Design Standard mast arms. Special designs are not included in this scope. This is for one mast arm in the southwest corner.
5. Foundation Design for Deficient Soils (SWC Mast Arm) (Optional) – In the event Geotechnical Testing reveals soils below the threshold required by the FDOT design criteria for standard mast arm foundations, foundations will be designed using the latest FDOT Mathcad program for mast arm design. The special foundation details will be added to the mast arm detail sheets.
6. Structural Analysis for NWC Mast Arm (Optional) – If required, MathCad Analysis and FDOT Structural Excel spreadsheets used in new FDOT Design Standard mast arms. Special designs are not included in this scope. This is for one mast arm in the northwest corner.
7. Foundation Design for Deficient Soils (NWC Mast Arm) (Optional) – In the event Geotechnical Testing reveals soils below the threshold required by the FDOT design criteria for standard mast arm foundations, foundations will be designed using the latest FDOT Mathcad program for mast arm design. The special foundation details will be added to the mast arm detail sheets.

Mr. Basher Khan, P.E.
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Scope of Services (Continued)

8. Easement/Right-of-Way Coordination (Optional) – All work to prepare easements and/or right-of-way for the signals. Work includes but is not limited to creating easement limits, coordinating for approval, coordination and meeting with Palm Beach County/FDOT Right-of-Way. This Item is Not to Exceed.
9. Technical Special Provisions (Optional) – Prepare special provisions for bid purposes using latest County specifications. This Item is Not to Exceed.
10. As-Builts (Optional) – Prepare as-built plans of the mast arm signalization per Palm Beach County standards and format when construction is completed. Files must be in MicroStation as a deliverable. This Item is Not to Exceed.
11. Provide post design services as required to certify the completed project to the governing agencies, in general accordance with Attachment “A”, including meeting attendance, shop drawing review and miscellaneous coordination. This Item is Not to Exceed.
12. Reimbursable expenses for the cost of reproduction only. This Item is Not to Exceed.
13. Revisions to the above based on Site Plan and/or Roadway, Signing and Pavement Marking Plan changes, governing agencies requests for additional information, or items beyond the Control of the Consultant will be provided on an as-needed basis at our current hourly billing rates, with a maximum specified limit. Anything above the upset limit will be confirmed with the County prior to work being completed by the Consultant.
14. Additional services requested by the County and agreed to by the Consultant such as, but not limited to, preparation of preliminary cost estimates, assistance with bidding, additional meetings, utility relocation plan preparation, special strain pole or foundation designs or details, or traffic control plans.

Mr. Basher Khan, P.E.
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Items to be Furnished by the Client
at No Expense to the Consultant

Assist the Consultant by placing at his disposal all available pertinent information relative to the project.

Furnish at no cost to the Consultant:

1. All permit application and governmental fees.
2. Specialized foundation and/or structural design, other than those listed herein.
3. Soil borings and analysis, other than those listed herein.
4. Construction testing, other than those listed herein.
5. Subsurface utility exploration, other than those listed herein.
6. Traffic counts, if required.
7. Lighting analysis.
8. Utility coordination, other than those listed herein.
9. FDOT permitting, comments and coordination.
10. All surveying including, but not limited to, property, boundary (tied to State Plane Coordinates), easement, right of way, topographic, permanent reference monuments, permanent control points, utility surveys, property descriptions and construction staking, As-built surveys of constructed improvements, and existing utility locations on and adjacent to the property including but not limited to FP&L, AT&T, Cable T.V. & Gas. It is highly recommended that the Client's Surveyor contact "No Cuts" prior to performing survey so that all existing franchise utilities can be shown on the survey to avoid field conflicts during construction. Elevations at new foundation locations and at roadway crowns where they intersection the mast arms.
11. All required right-of-way and/or easements for proposed (and existing if no easements exist) infrastructure (drainage, water, sewer as applicable) will be provided by the County's Surveyor.

Mr. Basher Khan, P.E.
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Items to be Furnished by the Client
at No Expense to the Consultant (Continued)

In addition to the above, other special data, all of which the Consultant will rely upon in performing services.

It is agreed and understood that the accuracy and veracity of said information and data may be relied upon by the Engineer without independent verification of the same.

Time of Performance

The Scope of Services will be completed within a time frame to be mutually agreed upon except for delays beyond the control of the Consultant.

Fees to be Paid

The Consultant shall be paid the following lump sum fees and hourly fee estimates for the Items in the Scope of Services:

Item 1 – Signalization Plans	=	\$22,212.00 ✓
Item 2 – FDOT Permitting	=	\$ 5,940.00 ✓
Item 3 – Utility Coordination	=	\$ 5,775.00 ✓
Item 12 – Reimbursable Expenses	=	\$ 200.00 ✓
Basic Services Subtotal	=	\$ 34,127.00 ✓
Item 4 – Mast Arm Structural Analysis (SW Corner Mast Arm)	=	\$ 2,475.00
Item 5 – Foundation Design for Deficient Soils (SWC Mast Arm)	=	\$ 1,416.00
Item 6 – Structural Analysis (NWC Mast Arm)	=	\$ 2,475.00
Item 7 – Foundation Design for Deficient Soils (NWC Mast Arm)	=	\$ 1,416.00
Item 8 – Easement/Right-of-Way Coordination (Optional) (Not to Exceed)	=	\$ 5,940.00 ✓
Optional Services Subtotal	=	\$ 13,722.00 ✓

Mr. Basher Khan, P.E.
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Fees to be Paid (Continued)

Item 9 – Technical Special Provisions (Optional) (Not to Exceed)	=	\$ 3,960.00
Item 10 – As-Builts (Optional) (Not to Exceed)	=	\$ 2,088.00
Item 11 – Post Design Shop Drawings, Meetings, Misc. Coordination (Optional) (Not to Exceed)	=	\$ 15,180.00
Post Design Services Subtotal	=	\$21,228.00 ✓
Total	=	\$69,077.00

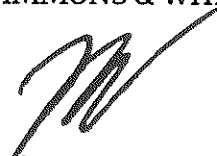
LIMITATION OF INDIVIDUAL LIABILITY: PURSUANT TO SECTION 558.0035 OF FLORIDA STATUTES, NO INDIVIDUAL EMPLOYEE OR AGENT OF SIMMONS & WHITE, INC. MAY BE HELD PERSONALLY LIABLE FOR ANY NEGLIGENCE ARISING FROM THE PERFORMANCE OF SERVICES UNDER THIS AGREEMENT. THIS PROVISION IS A MATERIAL TERM OF THIS AGREEMENT.

Post Design Services

Post design services will endeavor to provide protection for the County against defects and deficiencies in the work of the Contractor. However, the furnishing of services during construction does not guarantee the work of the Contractor, nor assume liability on the part of the Contractor for job safety.

Very truly yours,

SIMMONS & WHITE, INC.



Kyle Duncan
 Vice President

Schedule

Schedule Item	No. of Days	Earliest Anticipated Completion	Latest Anticipated Completion
65% plans	45 days after Roadway Plans/S&PM Plans provided	November 1, 2025	January 1, 2026
Turnaround on comments	45 days	December 16, 2025	February 16, 2026
96% plans	45 days	February 1, 2026	April 1, 2026
Turnaround on comments	45 days	March 16, 2026	May 16, 2026
100% plans	30 days	April 16, 2026	June 16, 2026

Note: The schedule does not take into consideration potential utility relocates, need for easements or right-of-way, special mast arm designs, or delays from FDOT permitting.

ATTACHMENT "A"

DESCRIPTION OF POST DESIGN SERVICES

1. Review shop drawings.
2. Coordinate, prepare and submit pre-construction meeting submittals to applicable governing agencies and attend pre-construction meeting.
3. Conduct semi-final and final inspection with Palm Beach County Construction Coordination/Engineering/Traffic.
4. Review job progress with County.
5. At the County's request, investigate matters which may arise during construction and provide recommendations, observations and other services as required.
6. Provide technical special provisions for bidding and as-builts to Palm Beach County standards.

SIMMONS & WHITE, INC.
ESTIMATE OF WORK EFFORT FOR ENGINEERING
 Donald Ross Road and Heights Boulevard Signalization
 Project 2022507
TRAFFIC SIGNAL DESIGN

Total Contract Cost Computations	\$	11,309.00	
Salary Cost Multiplier		3.00	
Subtotal (Salary Related Cost)	\$	33,927.00	
SUBTOTAL BASIC SERVICES		\$ 33,927.00	✓
REIMBURSABLE SERVICES			
Reproduction			
Expenses 560 8.5" by 11" @ \$0.25	\$	140.00	
Expenses 80 11" by 17" @ \$0.75	\$	60.00	
SUBTOTAL REIMBURSABLE SERVICES		\$ 200.00	✓
OPTIONAL SERVICES			
Structural (SWC Mast Arm)	\$	2,475.00	
Deficient Soils (SWC Mast Arm)	\$	1,416.00	
Structural (NWC Mast Arm)	\$	2,475.00	
Deficient Soils (NWC Mast Arm)	\$	1,416.00	
Easement/ROW Coordination	\$	5,940.00	
Post Design Services			
Technical Special Provisions (Simmons & White, Inc.)	\$	3,960.00	
As-Builts (Simmons & White, Inc.)	\$	2,088.00	
Shop Drawings, Meetings, Miscellaneous Coordination (Simmons & W.)	\$	15,180.00	
SUBTOTAL (COST OF OPTIONAL SERVICES)		\$ 34,950.00	✓
TOTAL=		\$ 69,077.00	✓

SIMMONS & WHITE, INC.
ESTIMATE OF WORK EFFORT FOR ENGINEERING
 Donald Ross Road and Heights Boulevard Signalization
 TRAFFIC SIGNAL DESIGN

	Senior Engineer		Designer		ACTIVITY TOTAL	
	MAN HOURS	HOURLY RATE	MAN HOURS	HOURLY RATE	MAN HOURS	MAN HOURS
SIGNAL PLANS	116.0	\$ 55.00	32.0	\$ 32.00	148.0	
FOOT PERMITTING	36.0	\$ 55.00		\$ 32.00	36.0	
UTILITY COORDINATION	35.0	\$ 55.00		\$ 32.00	35.0	
TOTALS	187.0		32.0		219.0	

SIGNAL PLANS	\$ 6,380.00	\$ 1,024.00
FOOT PERMITTING	\$ 1,980.00	\$ -
UTILITY COORDINATION	\$ 1,925.00	\$ -
TOTALS	\$ 10,285.00	\$ 1,024.00

BY ACTIVITY	COST FOR ACTIVITY	HOURLY RATE
SIGNAL PLANS	148.0	\$ 7,404.00
FOOT PERMITTING	36.0	\$ 1,980.00
UTILITY COORDINATION	35.0	\$ 1,925.00
TOTALS	219.0	\$ 11,309.00

Average per hour

HIGHWAY PAGE 1 OF 4

Donald Ross Road and Heights Boulevard Signalization

HIGHWAY TASK LIST

ACTIVITY: A ROADWAY PLANS PACKAGE

SUBACTIVITY: 1-SIGNAL PLANS

TASK NO.	TASK	UNITS	NO. OF UNITS	HOURS/ UNITS	TOTAL HOURS	COMMENTS
1	Conceptual Plans	LS	1	0	0	
2	Intersection Field Data Collection	PI	1	8	8	
3	Utilities Coordination	LS	1	23	23	Per instructions during negotiations, Roadway will take lead. Hours are to assist
4	FPL Coordination	LS	1	12	12	Includes work to coordinate power location, meter, connectivity, power-on
5	Reference and Master Signalization Design File	PI	1	40	40	
6	Reference and Master Interconnect Communication Design File	LS	1	4	4	
7	Overhead Street Name Design	EA	4	4	16	
8	Pole Elevation/Structural Analysis	EA	1	0	0	See optional services
9	Traffic Signal Structural Report	LS	1	0	0	See optional services
10	Quantities	LS	3	3	9	3 submittals
11	Cost Estimate	LS	2	3	6	2 submittals (1 FDOT/1 PBC)
12	Special Details	LS	0	0	0	
Signalization Analysis Technical Subtotal					118	

HIGHWAY PAGE 2 OF 4

HIGHWAY TASK LIST

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 1 - SIGNAL PLANS

TASK NO.	TASK	UNITS	NO. OF UNITS	HOURS/ UNITS	TOTAL HOURS	COMMENTS
13	Field Reviews	LS	2	4	8	
14	Technical Meetings	LS	2	2	4	FDOT meetings
15	Quality Assurance/Quality Control	LS	0	0	0	
16	Palm Beach County Approval	LS	1	0	0	
17	Easement/ROW Coordination	LS	1	0	0	
Signalization Analysis Nontechnical Subtotal					12	
18	Permitting	LS	1	36	36	
Signalization Analysis Total					166	

HIGHWAY PAGE 3 OF 4

HIGHWAY TASK LIST

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 2 - SIGNAL PLANS

TASK NO.	TASK	UNITS	NO. OF UNITS	HOURS/ UNITS	NO. OF SHEETS	TOTAL HOURS	COMMENTS
1.	Key Sheet	Sheet	1	4	1	4	
2.	Summary of Pay Items	Sheet	0	0	0	0	
3.	Tabulation of Quantities	Sheet	1	8	1	8	
4.	General Notes/Pay Item Notes	Sheet	1	8	1	8	
5.	Plan Sheet	Sheet	2	8	1	16	
6.	Interconnect Plans	Sheet	1	0	0	0	
7.	Traffic Monitoring Site	EA	0	0	0	0	
8.	Guide Sign Work Sheet	EA	1	0	0	0	
9.	Special Details	Sheet	1	1	1	1	Conduit/pull box sheet
10.	Pavement Marking Sheet	EA	0	0	0	0	
11.	Mast Arm Details Sheet	EA	2	8	2	16	section detail required by FDOT
12.	Strain Pole Schedule	PI	1	0	0	0	
TOTAL THIS SHEET						53	

HIGHWAY PAGE 4 OF 4

HIGHWAY TASK LIST

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 2 - SIGNAL PLANS

TASK NO.	TASK	UNITS	NO. OF UNITS	HOURS/ UNITS	NO. OF SHEETS	TOTAL HOURS	COMMENTS
13	TCP Signal (Temporary)	EA	0	0	0	0	
14	Temporary Detection Sheet	PI	0	0	0	0	
15	Utility Conflict Sheets	Sheets	0	0	0	0	No conflicts included
16	Interim Standards	LS	0	0	0	0	
Signalization Plans Technical Subtotal						53	
17	Quality Assurance/Quality Control		1	0	0	0	
18	Supervision		0	0	0	0	
Signalization Plans Total						53	

SIMMONS & WHITE, INC.
ESTIMATE OF WORK EFFORT FOR ENGINEERING
Donald Ross Road and Heights Boulevard
Project 2022507
TRAFFIC SIGNAL DESIGN
OPTIONAL SERVICES

Total Contract Cost Computations	\$	4,574.00
Salary Cost Multiplier		3.00
Subtotal (Salary Related Cost)	\$	<u>13,722.00</u>
SUBTOTAL OPTIONAL SERVICES	\$	13,722.00
TOTAL=	\$	13,722.00



SIMMONS & WHITE, INC.
 ESTIMATE OF WORK EFFORT FOR ENGINEERING
 Donald Ross Road and Heights Boulevard (Project 2022507)
 TRAFFIC SIGNAL DESIGN
 OPTIONAL SERVICES

	Senior Engineer		Designer		ACTIVITY TOTAL MAN HOURS
	MAN HOURS	HOURLY RATE	MAN HOURS	HOURLY RATE	
STRUCTURAL (SWC MAST ARM)	15.0	\$ 55.00	-	\$ 32.00	15.0
DEFICIENT SOILS (SWC MAST ARM)	9.0	\$ 55.00	1.0	\$ 32.00	9.0
STRUCTURAL (NWC MAST ARM)	15.0	\$ 55.00	-	\$ 32.00	15.0
DEFICIENT SOILS (NWC MAST ARM)	9.0	\$ 55.00	1.0	\$ 32.00	9.0
EASEMENT/ROW COORDINATION	36.0	\$ 55.00	-	\$ 32.00	36.0
TOTALS	82.0		2.0		84.0

STRUCTURAL (SWC MAST ARM)	\$ 825.00	\$ -
DEFICIENT SOILS (SWC MAST ARM)	\$ 440.00	\$ 32.00
STRUCTURAL (NWC MAST ARM)	\$ 825.00	\$ -
DEFICIENT SOILS (NWC MAST ARM)	\$ 440.00	\$ 32.00
EASEMENT/ROW COORDINATION	\$ 1,980.00	\$ -
TOTALS	\$ 4,574.00	\$ 64.00

	BY ACTIVITY	COST FOR ACTIVITY	HOURLY RATE
STRUCTURAL (SWC MAST ARM)	15.0	\$ 825.00	55.00
DEFICIENT SOILS (SWC MAST ARM)	9.0	\$ 472.00	52.44
STRUCTURAL (NWC MAST ARM)	15.0	\$ 825.00	55.00
DEFICIENT SOILS (NWC MAST ARM)	9.0	\$ 472.00	52.44
EASEMENT/ROW COORDINATION	36.0	\$ 1,980.00	55.00
TOTALS	84.0	\$ 4,574.00	\$54.45 <i>Average per hour</i>

SIMMONS & WHITE, INC.
ESTIMATE OF WORK EFFORT FOR ENGINEERING
 Donald Ross Road and Heights Boulevard (Project 2022507)
TRAFFIC SIGNAL POST DESIGN SERVICES
OPTIONAL SERVICES

Total Contract Cost Computations	\$	7,076.00
Salary Cost Multiplier		<u>3.00</u>
Subtotal (Salary Related Cost)	\$	<u>21,228.00</u>
Subtotal (Cost Elements of Optional Activities)	\$	21,228.00
TOTAL OPTIONAL SERVICES	\$	21,228.00
<hr style="border: 1px solid black;"/>		
TOTAL=	\$	21,228.00

SIMMONS & WHITE, INC.
ESTIMATE OF WORK EFFORT FOR ENGINEERING
 Donald Ross Road and Heights Boulevard (Project 242507)
 TRAFFIC SIGNAL POST DESIGN SERVICES

	Symbol		Description		ACTIVITY TOTAL	
	MAN HOURS	HOURLY RATE	MAN HOURS	HOURLY RATE	MAN HOURS	MAN HOURS
SHOP DRAWINGS	36.0	\$ 55.00	-	\$ 32.00	-	36.0
MEETINGS/COORDINAT ION	40.0	\$ 55.00	-	\$ 32.00	-	40.0
MISC COORDINATION	16.0	\$ 55.00	-	\$ 32.00	-	16.0
AS-BUILTS	8.0	\$ 55.00	8.0	\$ 32.00	-	16.0
TECH SPECIAL PROV	24.0	\$ 55.00	-	\$ 32.00	-	24.0
TOTALS	124.0		8.0			132.0

SHOP DRAWINGS	\$ 1,980.00	\$ -
MEETINGS/COORDINAT ION	\$ 2,200.00	\$ -
MISC COORDINATION	\$ 880.00	\$ -
AS-BUILTS	\$ 440.00	\$ 256.00
TECH SPECIAL PROV	\$ 1,320.00	\$ -
TOTALS	\$ 6,820.00	\$ 256.00

	BY ACTIVITY	COST FOR ACTIVITY	HOURLY RATE
SHOP DRAWINGS	36.0	\$ 1,980.00	\$ 55.00
MEETINGS/COORDINAT ION	40.0	\$ 2,200.00	\$ 55.00
MISC COORDINATION	16.0	\$ 880.00	\$ 55.00
AS-BUILTS	16.0	\$ 880.00	\$ 43.50
TECH SPECIAL PROV	24.0	\$ 1,320.00	\$ 55.00
TOTALS	132.0	\$ 7,876.00	\$59.67

Average per hour



REVISED July 3, 2025
October 15, 2024

Masse Consulting Services, LLC
2101 Vista Parkway, Suite 277
West Palm Beach, FL 33411

Attention: Mr. Basher Khan, P.E.

Re: Scope of Services for Geotechnical Engineering Services
Donald Ross Road and Heights Boulevard Intersection Improvements
Heights Boulevard between Donald Ross Road and Loree Street
Palm Beach Gardens, Florida 33418
PBC Project No.: 2022507
PACIFICA Proposal No.: 610-12019703

Dear Mr. Khan:

In accordance with your email and the survey provided, **Pacifica Engineering Services, LLC (PACIFICA)**, is pleased to submit this scope of services to perform a subsurface exploration program for the above-referenced project. Included herein is our understanding of the proposed development along with a scope of services, cost estimates, and anticipated schedules.

It is understood that plans for this project consist of a pavement widening along Heights Boulevard and intersection improvements at the Heights Boulevard and Donald Ross Road intersection in Palm Beach Gardens, Florida.

GEOTECHNICAL SCOPE OF SERVICES

Based on the requested scope, PACIFICA proposes to perform the following geotechnical field services:

Basic Services

- eleven (11) Standard Penetration Test (SPT) borings to a depth of 10 feet below existing grades;
- one (1) Standard Penetration Test (SPT) boring to a depth of 30 feet below existing grades at the NW corner of the Heights Boulevard and Donald Ross Road intersection; and
- two (2) percolation tests in accordance with SFWMD procedures at depths of 10 feet below grade at the requested locations.

The SPT borings will be performed with truck-mounted machinery using rotary drilling procedures. Samples of the in-place materials will be recovered with a standard split barrel driven with a 140-pound hammer falling 30 inches (the Standard Penetration Test in accordance with ASTM D1586). After completion of drilling, all boreholes will be grouted and the site generally cleaned, as required.

Underground utility clearance will be required prior to the commencement of the geotechnical field exploration. Therefore, PACIFICA will contact "Sunshine One-Call" Service to obtain underground public utility clearance. PACIFICA understands that private utilities will be marked by others prior to each mobilization.

Due to the boring locations being in or in close proximity to the roadway, Maintenance of Traffic (MOT) may be needed to perform the geotechnical scope of work. If required, PACIFICA will submit MOT plans with an estimated schedule in accordance with FDOT standards for PBC approval prior to the start of fieldwork. PACIFICA will use FDOT Maintenance of Traffic (MOT) Plans Design Standards Index Series 600 when developing MOT plans.

GEOTECHNICAL REPORT DELIVERABLES

After the geotechnical field exploration is completed, a geotechnical engineer will review the soil samples and select samples will be tested for physical properties such as gradation, moisture content and organic content, if deemed necessary. The results of the geotechnical exploration will be transmitted in a report which will specifically contain the information listed below:

1. a location plan of the site showing the location of the soil borings and percolation tests;
2. logs of the exploratory borings, which furnish the results of the borings and SPT sampling;
3. results of the percolation tests, including hydraulic conductivity "k" values;
4. the existence of organic soils or any other soil conditions;
5. groundwater readings during the time of the field exploration;
6. soil/rock recommendations for mast arm foundation design; and
7. on-site soil suitability.

GEOTECHNICAL SCHEDULE

Our study can begin one day after we receive authorization to proceed. We will start drilling after public underground utilities have been located and identified, which may take 2-4 business days. The geotechnical field exploration should be completed within 3 business days. Laboratory testing should be completed within one week following final field demobilization. The written report of the subsurface exploration will be available within two weeks following the completion of final laboratory testing. We estimate that our study will be completed within 4 weeks of your notice to proceed.



COST BREAKDOWN				
03-Jul-25				
DESCRIPTION	UNIT	# OF UNITS	UNIT RATE	TOTAL
I. FIELD EXPLORATIONS				
Mobilization of Drill Equipment (50-mile travel)	each	1.0	\$420.00	\$420.00
Senior Engineering Technician (Site Reconnaissance, Boring Layout and Underground Utility Clearance) (Raw Rate: \$31.00*3)	hour	5.0	\$93.00	\$465.00
Standard Penetration Tests - Truck Rig (0' - 50')	feet	140.0	\$16.00	\$2,240.00
Grout Bore Hole (0 to 50 Feet)	feet	140.0	\$6.40	\$896.00
Casing (0 to 50 Feet)	feet	30.0	\$10.00	\$300.00
Percolation Test	each	2.0	\$390.00	\$780.00
II. SOIL & AGGREGATE TESTING				
Organic Content Test	each	3.0	\$55.00	\$165.00
Natural Sample Moisture Content	each	3.0	\$20.00	\$60.00
Grain size determination: Full grain size (8 sieves)	each	3.0	\$78.00	\$234.00
Grain size determination: Wash through (#200)	each	3.0	\$60.00	\$180.00
III. ENGINEERING SERVICES (MULTIPLIER: 2.63)				
Principal Engineer, P.E. (Raw Rate: \$84.10*3)	hour	1.0	\$252.30	\$252.30
Senior Geotechnical Engineer (Raw Rate: \$69.3*3)	hour	13.0	\$207.90	\$2,702.70
Drafter / CADD (Raw Rate: \$31.35*3)	hour	7.0	\$94.05	\$658.35
IV. REIMBERSABLES				
Ground Penetration Radar (GPR)	day	1.0	\$1,800.00	\$1,800.00
Maintenance of Traffic (MOT) including MOT Plan	day	1.0	\$1,450.00	\$1,450.00
MOT Plan and MOT Permitting	hour	4.0	\$180.00	\$720.00
Advance MOT Technician	hour	8.0	\$99.99	\$799.92
ESTIMATED GEOTECHNICAL BASIC FEE FOR THE INTERSECTION IMPROVEMENT				\$14,123.27

Donald Ross and Heights Boulevard Intersection Improvements

Proposed Boring Location Map

Legend

EXHIBIT B-Page 39 of 58

- Proposed SPT Boring @ 10 FT
- Proposed SPT Boring @ 10 FT and Percolation Test
- Proposed SPT Boring @ 30 FT





November 20, 2025

Basher Khan, PE
Masse Consulting Services, LLC
2101 Vista Parkway, Suite 277
West Palm Beach, Florida 33411

Ritzel-Mason, Inc.

5330 Van Buren Road
Delray Beach, FL 33484

Phone: 786.472.0358

www.ritzel-mason.com

Subject: Fee Proposal for Surveying Services

Project: 2022507 – Donald Ross Road & Height Blvd. Intersection Improvements

Dear Mr. Khan:

Ritzel-Mason appreciates the opportunity to prepare this fee proposal for providing specific purpose / topographic services on the above referenced project. Ritzel-Mason is registered and licensed in the state of Florida. This letter will serve as our official scope of services and is accompanied by the included fee estimate. Ritzel-Mason has been requested by the Client to provide above ground topographic and right-of-way mapping services.

This proposal is based on a field visit by Ritzel-Mason on October 3, 2024

Project Limits: The limits of our investigation will include the intersection of Donald Ross Road and Heights Blvd, full right-of-way width, plus 25 feet of:

- 2,300 feet north along Heights Blvd.
- 190 feet east along Donald Ross Road
- 240 feet south along Pasteur Blvd.
- 730 feet west along Donald Ross Road

from the center of the intersection in Jupiter, Florida as shown in the attached exhibit as emailed to Ritzel-Mason on September 30, 2024.

Scope of Basic Services: Ritzel-Mason proposed **Specific Purpose Survey / Topographic Survey** as described below:

Existing horizontal and vertical control will be recovered and/or set as needed. Control will be referenced to the Palm Beach County Control Network which is the NAD83/90 and NAVD88 datums. A closed level run will be performed through set control points.

Above ground data will be obtained to create a surface of the existing conditions. Topography will include visible fixed improvements such as bank lines, natural ground, curbing, asphalt, sidewalks, mast arms, overhead utility line directions, above ground utilities, etc. Sufficient data will be obtained to create a DTM surface. Grade breaks will be

2022507 Donald Ross Road & Height Blvd. Intersection Improvements

November 20, 2025



included. The maximum interval between points on a straight line will be 50 feet and 25 feet on a curve.

Trees 4-inch DBH and greater will be located. Finish Floor Elevations within the above project limits. Maintained water elevation and edge of water for ponds are ditches are included.

Horizontal control points associated with the baseline will be set at the beginning and end of each baseline and at PCs, PTs, PIs where applicable no more than 1000 feet apart. Alternate monumentation may be used for horizontal control in areas where the baseline is not feasible to occupy due to traffic conditions. Vertical control points will be set no more than 600 feet apart outside of the construction limits with stationing, offsets, elevations with state plane coordinates at each location relative to the baseline.

A Specific Purpose / Topographic Survey will be prepared and will meet and be certified to the applicable portions of the Standards of Practice as set forth in the Florida Board of Professional Surveyors and Mappers in rule 5J-17.050-0.52, Florida Administrative Code, pursuant to Chapter 472.027, Florida Statutes and this Appendix C and D of the Palm Beach County Roadway Design Procedures (January 2019), codes, rules and Statues governing Surveying and Mapping. 11"x17" sheets at 1"=40' scale will be prepared.

Ritzel-Mason proposes **Cross Sections** as described below:

- 50-foot interval cross sections will be shown on the survey. Minimum text size for cross section elevations will be reduced in order to fit the data on 1"=40' sheets.

Ritzel-Mason proposes **drainage services** as described below:

Ritzel-Mason will locate drainage features and pipes including invert elevations, top of structure elevations, bottom of structure elevations, pipe directions, pipe connectivity, pipe sizes and pipe materials. Upstream and downstream structures will be located.

Ritzel-Mason proposes **right-of-way and baseline services** as described below:

Ritzel-Mason will provide right-of-way and baseline on the project limits. If a historic baseline does not exist, one will be created (established from south to north and west to east). Information will be based on readily available data such as plats, deeds, and property appraiser website. Property lines will be shown. Field monumentation will be searched and located. Title search reports will be included, if provided by Palm Beach County. The baselines will be staked in the field. The County will be advised of any apparent missing right-of-way documentation or of any apparent gaps or overlaps in the right-of-way per the documents provided. State plane coordinates and ties to section corners or geodetic control points will be added at the beginning and ending of the baseline.

Scope of Optional Services:

Ritzel-Mason will complete a **SUE investigation** in general accordance with ASCE Standard 38-02: Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data. Ritzel-Mason will search for the existence and approximate location of subsurface utilities within the project limits except those listed under Exclusions below. The specific work includes:

- A. Vacuum Excavation – Test holes

2022507 Donald Ross Road & Height Blvd. Intersection Improvements

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- a. Ritzel-Mason proposes to use vacuum excavation equipment to perform up to **10 test holes** at locations as directed by the client. Vacuum excavation methods will enable Ritzel-Mason to visualize the utility in question for a high degree of certainty. Ritzel-Mason will make every effort to vacuum excavate to a depth of eight (8) feet using high pressure air methods. However, vacuum excavation will cease when these methods are unable to progress below refusal, such as bedrock or flowable fill. Ritzel-Mason will not employ destructive methods, such as jackhammers or chipping hammers, to break up bedrock or other refusal within a test hole due the high risk of damage to buried utilities and safety risk to employees. Utilities deeper than 8 feet may not be found.
- b. At the completion of each excavation Ritzel-Mason will place an iron rod and cap or a nail and disk at the test hole location and further identify the test hole location with paint marks on the ground surface. We will backfill with native material and compact the soil in 6"-12" lifts as well as provide a permanent restoration of the pavement or ground surface within the limits of the original excavation. We will record maximum depth of the test hole as well as vertical depth of any utility encountered. If a utility is encountered, we will also provide utility type, size, shape, material and orientation to the extent we are able to ascertain this information
- c. Ritzel-Mason will notify Sunshine 811 2 full business days in advance of excavation. Ritzel-Mason will mark the conductive utilities by inductive methods utilizing electromagnetic geophysical prospecting equipment. Known non-conductive utilities will be marked utilizing 2-D Radar (GPR).
- d. Due to mobilization costs a minimum of 4 test holes can be requested or mobilization costs will be charged.
- e. Ritzel-Mason cannot provide vacuum excavation in areas where obstructions, such as unmovable vehicles or storage exist.
- f. Test holes completed by Ritzel-Mason will be surveyed and added to the survey

Client Responsibilities:

- Provide or facilitate access to project area for field investigations.

Deliverables (Basic Services):

- DGN (SURVRD01.dgn) and PDF (digitally signed) of Specific Purpose/Topographic Survey, 11x17" sheets at 1"=40' scale
- Project Network Control Sheet and reference point sheets
- Digitally signed Specific Purpose/Topographic Survey
- DTM DGN and XML
- An ASCII file of points (x,y,z)
-

Deliverables (Optional Services):

- 10 test hole data sheets
- Test hole locations added to Specific Purpose/Topographic Survey

2022507 Donald Ross Road & Height Blvd. Intersection Improvements

November 20, 2025



Schedule for Basic Services:

We propose to mobilize for this work 7 business days from receipt of this proposal duly signed and barring weather and any unforeseen condition. The work will be submitted 26 business days from receipt of this proposal duly signed and barring weather and any unforeseen condition.

Fees: See attached spreadsheet.

Basis: The fees listed above are based on Ritzel-Mason's crews being able to work during the hours of 7:00am to 6:00pm and being granted access to the site. Ritzel-Mason is equipped to supply minor MOT services. Ritzel-Mason's field crews and equipment are not equipped or prepared to work in any area that possibly are, or may have been, contaminated with hazardous materials at any time. Any fee or permit requested in order to perform the work will be submitted to the client at cost.

Again, we appreciate the opportunity to provide our surveying services for Masse Consulting. Please call me directly at 786.472.0358, if you have any questions or comments. We look forward to beginning work on this project upon receiving your authorization to proceed.

Sincerely,

A handwritten signature in black ink, appearing to read "Dennis Ritzel". The signature is stylized and includes a large, sweeping flourish at the end.

Dennis Ritzel, PSM
Director of Business Operations
786.472.0358
Email: dennis@ritzel-mason.com

2022507 Donald Ross Road & Height Blvd. Intersection Improvements

November 20, 2025



Exhibit



Estimate of Work Effort and Cost

Name of Project:		Donald Ross Road & Height Blvd.		Consultant Name: Ritzel-Mason, Inc.						
PBC Project Number:		2022507		Consultant Number: N/A						
				Date: 3/16/2025						
Task Description	Total Staff Hours	Basic Services					Staff Hours By Activity	Salary Cost By Activity	Average Rate Per Task	
		Project Surveyor	Survey-CADD Technician	3 Man Crew SUE	3 Man Crew Survey	2 Man Crew Survey				
		\$50.00	\$33.00	\$73.50	\$66.75	\$55.00				
BASIC SERVICES (Ritzel-Mason, Inc.)										
14.00	Survey - Field	145.00	6.00	0.00	0.00	139.00	0.00	145.00	\$ 9,578.25	\$ 66.06
15.00	Survey - Plans	154.00	20.00	134.00	0.00	0.00	0.00	154.00	\$ 5,422.00	\$ 35.21
Total Staff Hours (Basic Services)		299.00	26.00	134.00	0.00	139.00	0.00	299.00		\$50.17
Total Staff Cost (Basic Services)			\$1,300.00	\$4,422.00	\$0.00	\$9,278.25	\$0.00		\$15,000.25	
Basic Services:										
								Basic Services (Ritzel-Mason, Inc.)		\$15,000.25
								Raw Rate Basic Services Total:		\$ 15,000.25
Loaded Fees:										
								Raw Rate Basic Services Total:		15000.25
								Multiplier Rate:		2.58
								Loaded Total:		\$ 38,700.65
								Grand Total Estimated Fees (Ritzel-Mason, Inc.):		\$ 38,700.65

Project Activity 14: Survey - Field						
Task No.	Task	Units	No of Units	Hours/Unit	Total Hours	Comments
14.1	Horizontal Project Control (HPC)					
	2-Lane Roadway	LM	0.66	8.00	5	Establish horizontal control. Establish secondary control points. Redundant RTK VRS GPS. Datum will be NAD 83/90.
	Multi-lane Roadway	LM	0.00	0.00	0	
14.2	Vertical PC / Bench Line					
	2-Lane Roadway	LM	2.00	8.00	16	Verify vertical on PNC sheet control. Established vertical data on control. NAVD88.
	Multi-lane Roadway	LM	0.00	0.00	0	
14.3	Reference Points					
	2-Lane Roadway	EA	12.00	0.50	6	Set baseline reference points
	Multi-lane Roadway	EA	0.00	0.00	0	
14.4	Baseline Layout	LM	0.66	15.00	10	Establish baseline and rights-of-way on street and lands. The baselines will be staked in the field.
14.5	Section, Subdivision & Property Ties	EA	6.00	2.00	12	Locate centerlines and property corners
14.6	Topography/DTM (3D)	LM	0.66	62.00	41	full right-of-way width, plus 25 feet of: 2300' north, 190' east, 240' south, 730' west
14.7	Cross Sections	EA	70.00	0.15	11	Perform 50 foot sections. 70 cross sections, RAW to RAW + 25 feet.
14.8	Side Street Surveys	LM	0.00	0.00	0	
14.9	SUE	EA	0.00	0.00	0	
14.10	Locates - Pothole	EA	0.00	2.00	0	
14.11	Outfall Survey	LM	0.00	0.00	0	
14.12	Drainage Survey	EA	19.00	0.75	14	Drainage structures
14.13	Bridge Survey	EA	0.00	0.00	0	
14.14	Canal Survey	LM	0.00	0.00	0	
14.15	Channel Survey and Soundings	LS	0.00	0.00	0	
14.16	Pond Site Survey	EA	0.00	0.00	0	
14.17	Jurisdictional Line Survey	LS	0.00	0.00	0	

Task No.	Task	Units	No of Units	Hours/Unit	Total Hours	Comments
14.18	Tree Survey	EA	350.00	0.08	28	Locate 4-inch and greater trees R/W to R/W + 25 feet
14.19	Route/Corridor Survey	LM	0.00	0.00	0	
14.20	Boundary Survey	LS	0.00	0.00	0	
14.21	Topographic Survey	LS	0.00	0.00	0	
14.22	Specific Purpose Survey	LS	0.00	0.00	0	
14.23	Hydrographic Survey	LS	0.00	0.00	0	
14.24	Quantity Survey	LS	0.00	0.00	0	
14.25	Record/As-Built Survey	LS	0.00	0.00	0	
14.26	R/W Staking					
	Parcel	EA	0.00	0.00	0	
	R/W Line	LM	0.00	0.00	0	
14.27	Meetings	EA	1.00	2.00	2	Kick off meeting
14. Survey - Field Total					145	

Project Activity 15: Survey Plans						
Task No.	Task	Units	No. of Units	Hours/ Unit or Sheet	Total Hours	Comments
15.1	Alignment	EA	1.00	14.00	14	<i>Establish baseline and rights-of-way on street and lands.</i>
15.2	Section and 1/4 Section Lines	EA	1.00	8.00	8	<i>Search and process section corners.</i>
15.3	Subdivisions / Property Lines	EA	1.00	8.00	8	<i>Search and process property corners.</i>
15.4	Existing R/W	EA	1.00	12.00	12	<i>Establish existing right-of-way on street and lands</i>
15.5	Topography	LM	0.66	26.00	17	<i>Process topography of intersection</i>
15.6	Parent Tract Properties/Existing Easements	EA	0.00	0.00	0	
15.7	Title Review	LS	1.00	12.00	12	<i>Review road right-of-way reports</i>
15.8	Jurisdictional/Agency Lines	LM	1.00	0.00	0	
15.9	Survey Key Sheet	Sheet	1.00	10.00	10	
15.10	Survey Detail & Legend Sheet	Sheet	1.00	13.00	13	
15.11	Reference Point Sheet	Sheet	0.00	0.00	0	
15.12	Project Control Sheet	Sheet	1.00	10.00	10	<i>Prepare PNC Sheets</i>
15.13	Specific Purpose & Topographic Survey	Sheet	5.00	10.00	50	<i>Prepare Specific Purpose & Topographic Survey</i>
15.14	Boundary Survey	EA	0.00	0.00	0	
15.15	Technical Meetings	EA	0.00	4.00	0	
15. Survey Plans Total					154	

Project Activity 14: Survey - Field (Optional Services - Underground Utility Locates - SUE)						
Task No.	Task	Units	No of Units	Hours/Unit	Total Hours	Comments
14.1	Horizontal Project Control (HPC)					
	2-Lane Roadway	LM	0.00	0.00	0	
	Multi-lane Roadway	LM	0.00	0.00	0	
14.2	Vertical PC / Bench Line					
	2-Lane Roadway	LM	0.00	0.00	0	
	Multi-lane Roadway	LM	0.00	0.00	0	
14.3	Reference Points					
	2-Lane Roadway	EA	0.00	0.00	0	
	Multi-lane Roadway	EA	0.00	0.00	0	
14.4	Baseline Layout	LM	0.00	0.00	0	
14.5	Section, Subdivision & Property Ties	EA	0.00	0.00	0	
14.6	Topography/DTM (3D)	LM	0.00	0.00	0	
14.7	Cross Sections	EA	0.00	0.00	0	
14.8	Side Street Surveys	LM	0.00	0.00	0	
14.9	SUE	EA	0.00	0.00	0	
14.10	Locates - Pothole	EA	10.00	2.50	25	Perform 10 test holes for mast arm at the NW corner and mast arm at the NE corner. Survey 10 test holes.
14.11	Outfall Survey	LM	0.00	0.00	0	
14.12	Drainage Survey	EA	0.00	0.00	0	
14.13	Bridge Survey	EA	0.00	0.00	0	
14.14	Canal Survey	LM	0.00	0.00	0	
14.15	Channel Survey and Soundings	LS	0.00	0.00	0	
14.16	Pond Site Survey	EA	0.00	0.00	0	
14.17	Jurisdictional Line Survey	LS	0.00	0.00	0	

Task No.	Task	Units	No of Units	Hours/Unit	Total Hours	Comments
14.18	Tree Survey	EA	0.00	0.00	0	
14.19	Route/Corridor Survey	LM	0.00	0.00	0	
14.20	Boundary Survey	LS	0.00	0.00	0	
14.21	Topographic Survey	LS	0.00	0.00	0	
14.22	Specific Purpose Survey	LS	0.00	0.00	0	
14.23	Hydrographic Survey	LS	0.00	0.00	0	
14.24	Quantity Survey	LS	0.00	0.00	0	
14.25	Record/As-Built Survey	LS	0.00	0.00	0	
14.26	R/W Staking					
	Parcel	EA	0.00	0.00	0	
	R/W Line	LM	0.00	0.00	0	
14.27	Meetings	EA	0.00	0.00	0	
14. Survey - Field Total					25	✓

Project Activity 15: Survey Plans (Optional Services - Underground Utility Locates - SUE)						
Task No.	Task	Units	No. of Units	Hours/ Unit or Sheet	Total Hours	Comments
15.1	Alignment	EA	1.00	0.00	0	
15.2	Section and 1/4 Section Lines	EA	1.00	0.00	0	
15.3	Subdivisions / Property Lines	EA	1.00	0.00	0	
15.4	Existing R/W	EA	1.00	0.00	0	
15.5	Topography	LM	0.66	0.00	0	
15.6	Parent Tract Properties/Existing Easements	EA	0.00	0.00	0	
15.7	Title Review	LS	0.00	0.00	0	
15.8	Jurisdictional/Agency Lines	LM	1.00	0.00	0	
15.9	Survey Key Sheet	Sheet	1.00	0.00	0	
15.10	Survey Detail & Legend Sheet	Sheet	1.00	0.00	0	
15.11	Reference Point Sheet	Sheet	10.00	0.50	5	Prepare 10 test hole data sheets
15.12	Project Control Sheet	Sheet	1.00	0.00	0	
15.13	Specific Purpose & Topographic Survey	Sheet	5.00	0.50	3	Update Specific Purpose & Topographic Survey
15.14	Boundary Survey	EA	0.00	0.00	0	
15.15	Technical Meetings	EA	0.00	4.00	0	
15. Survey Plans Total					8 ✓	



5713 Corporate Way, Suite 200
West Palm Beach, FL 33407
(561) 429-5065

October 23, 2024

Masse Consulting Services, LLC
2101 Vista Parkway, Suite 277
West Palm Beach, FL 33411

Attention: Mr. Basher Khan, P.E.

Reference: Donald Ross Road at Heights Boulevard Intersection
Lighting Analysis Services
Palm Beach County, Florida

We are pleased to submit the following proposal for optional professional services in connection of performing lighting analysis at the intersection of Donald Ross Road and Heights Boulevard. Scalar Consulting Group Inc., hereinafter referred to as the Consultant, proposes to furnish professional services for Masse Consulting Services, LLC hereinafter referred to as the Client, of the scope outlined below for the fees stipulated herein.

SCOPE OF SERVICES

1. Lighting Analysis

Scalar shall analyze and document the Lighting Photometric Analysis for the intersection in accordance with Florida Department of Transportation (FDOT) standards. All light poles will be modeled with LED luminaires for photometric analysis and supplemental lighting will be included as needed based on coordination with the Client and the Palm Beach County Traffic Engineering Division (PBCTED). Maintaining agency coordination will occur on any specific luminaire requirements, prior to photometric evaluation. The lighting agreement for installation and maintenance of the lighting by FPL will be done by Palm Beach County. A Lighting Analysis Report (LAR) will be submitted to FDOT District Four and PBCTED for their review and approval. It is anticipated that there will be two submittals: Draft and Final.

The following tasks are not included:

- a. Voltage drop calculations
- b. Service point calculations
- c. Load center and breaker sizing
- d. Lighting Design Plans or post design services
- e. Light pole or foundation design
- f. Coordination with FPL, maintaining agency and light pole manufacturer.
- g. Utility coordination
- h. Survey, Geotech and Sub Surface Utility Exploration (SUE)
- i. Traffic Control Plans
- j. Aeronautical Evaluation/Airspace Analysis Report
- k. Cost estimates
- l. Lighting design permitting assistance.

2. Field Review

One field review will be conducted for this project.

3. Deliverables

The LAR will be delivered to the Client in digital/electronic format. The final submittal will be signed-sealed by the Consultant. The draft LAR will be submitted two (2) weeks upon receipt of the proposed design improvements at the intersection from the Prime. The final LAR, signed and sealed by the Consultant, will be submitted by two (2) weeks after receipt of all comments from the review of the draft LAR.

4. Responsibilities of the Client

The Client is to provide the Consultant all the CAD files for this project.

5. Labor Rates and Fee

Scalar	Project Manager	Optional Services - LS	\$80.00
Scalar	Engineer	Optional Services - LS	\$60.00

The fee for services on this contract is **\$12,660.00**

Sincerely,

SCALAR CONSULTING GROUP INC.



Scott Edgar, P.E.
Associate Vice-President

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Donald Ross Road at Heights Boulevard Intersection Improvements
 County: Palm Beach County
 FPN: N/A
 FAP No.: N/A

Consultant: Scalar Consulting Group Inc.
 Consultant No.:
 Date: 10/23/2024
 Estimator: Maria Missena, PE

Task Description	Total Staff Hours From "SH Summary Firm"	Project Manager	Engineer II	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$80.00	\$60.00			
23. Lighting Analysis	66	13	53	66	\$4,220.00	\$63.94
Total Staff Hours	66	13	53	66		
Total Staff Cost		\$1,040.00	\$3,180.00		\$4,220.00	\$63.94

Check = \$4,220.00

SALARY RELATED COSTS: \$4,220.00
 DIRECT SALARY MULTIPLIER: 3
GRAND TOTAL ESTIMATED FEE \$12,660.00

Project Activity 1: Lighting Analysis

Estimator: Scalar Consulting Group Inc.

Donald Ross Road at Heights Boulevard Intersection Improvements

N/A

Representing	Print Name	Signature / Date
Scalar Consulting Group Inc.	Maria Missena, PE	

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
1.1	Lighting Justification Report	LS	0	0	0	
1.2	Lighting Design Analysis Report	LS	1	24	24	Intersection lighting photometrics (AGI), executive summary, recommendations, criteria, cut sheets, LED photometric sheets using FDOT FDM signalized intersection lighting criteria for (1) signalized ints (1 signalized intersection x 16 hrs for new signalized intersection criteria) + 8hrs for updates to the LDAR
1.3	Aeronautical Evaluation	LS	0	0	0	
1.4	Voltage Drop Calculations	LS	0	0	0	
1.5	FDEP Coordination and Report	LS	0	0	0	
1.6	Reference and Master Design Files	LS	1	27	27	(15) hours for set up + 12hrs per signalized intersection x (1) signalized ints.
1.7	Temporary Lighting	LS	0	0	0	
1.8	Design Documentation	LS	0	0	0	
1.9	Quantities	LS	0	0	0	
1.10	Cost Estimate	LS	0	0	0	
1.11	Technical Special Provisions	LS	0	0	0	
1.12	Other Lighting Analysis	LS	0	0	0	
Lighting Analysis Technical Subtotal					51	

Project Activity 1: Lighting Analysis

1.13	Field Reviews	LS	1	6	6	Includes travel time to obtain data necessary for design. (2 people per trip x 3 hours per trip x 1 trip)
1.14	Technical Meetings	LS	1	9	9	
Lighting Analysis Nontechnical Subtotal					15	
23. Lighting Analysis Total					66	

Project Activity 1: Lighting Analysis

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number
FDOT Lighting Design	EA	0	0	0		0
FDOT Traffic Design	EA	0	0	0		0
Power Company	EA	2	2	4		0
Maintaining Agency (coordination)	EA	2	2	4		0
Airport authority	EA	0	0	0		0
FDEP Lighting (coast areas)	EA	0	0	0		0
Other Coord (Maint agency, Mfr, etc.)	EA	1	1	1		0
Subtotal Technical Meetings				9	Subtotal Project Manager Meetings	0
Progress Meetings (if required by FDOT)	EA	0	0	0	<i>PM attendance at Progress Meetings is manually entered on General Task 3</i>	--
Phase Review Meetings	EA	0	0	0	<i>PM attendance at Phase Review Meetings is manually entered on General Task 3</i>	--
Total Meetings				9	Total Project Manager Meetings (carries to Tab 3)	0

Carries to 23.14

Carries to Tab 3

OSBD SCHEDULE 1*

SOLICITATION/PROJECT/BID NAME: Donald Ross Road and Height Boulevard Intersection Improvements SOLICITATION/PROJECT/BID NO.: 2022507
 SOLICITATION OPENING/SUBMITTAL DATE: July 26, 2022 COUNTY DEPARTMENT: Engineering & Public Works Department

Section A PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT* ON THE PROJECT:

NAME OF PRIME RESPONDENT/BIDDER: Masse Consulting Services, LLC ADDRESS: 1132 Cala Lily Cv., West Palm Beach, FL 33415
 CONTACT PERSON: Md Abul Basher Khan PHONE NO.: 561-568-3197 E-MAIL: bkhan@masseconsultingfirm.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$184,140.20 Non-SBE SBE
 SBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.


Section B PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT BELOW:

Subcontractor/Sub consultant Name	(Check all Applicable Categories)		<u>DOLLAR AMOUNT OR PERCENTAGE OF WORK</u>
	<u>Non-SBE</u>	<u>SBE</u>	
1. Simmons & White, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>\$69,077.00</u>
2. Ritzel-Mason, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>\$44,067.05</u>
3. Pacifica Engineering Services, LLC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>\$14,123.27</u>
4. Scalar Consulting Group, LLC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>\$12,660.00</u>
5.	<input type="checkbox"/>	<input type="checkbox"/>	<u> </u>

(Please use additional sheets if necessary)

Total \$139,927.32

Total Bid/Offer Price \$ \$324,067.52 Total Certified SBE Participation \$ \$311,407.52/96.09%

I hereby certify that the above information is accurate to the best of my knowledge: Md Abul Basher Khan  Manager
 Name & Authorized Signature Title

- Note:
- The amount listed on this form for a Subcontractor/sub consultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
 - Only those firms certified by Palm Beach County at the time of solicitation due date are eligible to meet the established OSBD Affirmative Procurement Initiative (API). Please
 - Modification of this form is not permitted and will be rejected upon submittal.
 - If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation.

*Revised 6.5.2025 pursuant to Emergency Ordinance 2025-014, approved on June 3, 2025

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 2022507

SOLICITATION/PROJECT NAME: Donald Ross Road and Height Boulevard Intersection Improvements

Prime Contractor: Masse Consulting Services, LLC Subcontractor: N/A

(Check box(s) that apply)

SBE Non-SBE Supplier

Date of Palm Beach County Certification (if applicable): 3/11/24 to 3/10/27

SBE PARTICIPATION – SBE Primes must document all work to be performed by their own work force on this form. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. SBE credit will only be given for the areas in which the SBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/Units	Contingencies/Allowances	Total Price/Percentage
	General Highway Design w/Curb & Gutter, Access & Drainage				\$184,140.20

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$184,140.20

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A Price or Percentage: N/A
 Name of 2nd/3rd tier Subcontractor/subconsultant

Masse Consulting Services, LLC
 Print Name of Prime
 By: Basher Khan
 Authorized Signature

Md Abul Basher Khan
 Print Name
Manager
 Title
 Date: 12/12/2025

N/A
 Print Name of Subcontractor/subconsultant
 By: _____
 Authorized Signature

 Print Name

 Title
 Date: _____

*Revised 6.5.2025 pursuant to Emergency Ordinance 2025-014, approved on June 3, 2025

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SOLICITATION/PROJECT NUMBER: 2022507

SOLICITATION/PROJECT NAME: Donald Ross Road and Height Boulevard Intersection Improvements

Prime Contractor: Masse Consulting Services, LLC Subcontractor: Simmons & White, Inc.

(Check box(s) that apply)

SBE Non-SBE Supplier

Date of Palm Beach County Certification (if applicable): 8/20/24 to 8/19/27

SBE PARTICIPATION – SBE Primes must document all work to be performed by their own work force on this form. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. SBE credit will only be given for the areas in which the SBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Traffic Operation Signal Design				\$69,077.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$69,077.00

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A Price or Percentage: N/A
 Name of 2nd/3rd tier Subcontractor/subconsultant

Masse Consulting Services, LLC

Print Name of Prime

By: Basher Khan
 Authorized Signature

Md Abul Basher Khan

Print Name

Manager

Title

Date: 12/11/2025

Simmons & White, Inc.

Print Name of Subcontractor/subconsultant

By: Bryan Kelley
 Authorized Signature

Bryan Kelley PE

Print Name

Vice President

Title

Date: 12/10/25

*Revised 6.5.2025 pursuant to Emergency Ordinance 2025-014, approved on June 3, 2025

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SOLICITATION/PROJECT NUMBER: 2022507

SOLICITATION/PROJECT NAME: Donald Ross Road and Height Boulevard Intersection Improvements

Prime Contractor: Masse Consulting Services, LLC Subcontractor: Ritzel-Mason, Inc.

(Check box(s) that apply)

SBE Non-SBE Supplier

Date of Palm Beach County Certification (if applicable): 4/10/25 to 4/9/28

SBE PARTICIPATION – SBE Primes must document all work to be performed by their own work force on this form. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. SBE credit will only be given for the areas in which the SBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Surveying				\$44,067.05

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$44,067.05

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A

Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: N/A

Masse Consulting Services, LLC

Print Name of Prime

By: *Basher Khan*
Authorized Signature

Md Abul Basher Khan

Print Name

Manager

Title

Date: 12/11/2025

Ritzel-Mason, Inc.

Print Name of Subcontractor/subconsultant

By: *Dennis Ritzel*
Authorized Signature

DENNIS RITZEL

Print Name

VICE PRESIDENT

Title

Date: 12/10/2025

*Revised 6.5.2025 pursuant to Emergency Ordinance 2025-014, approved on June 3, 2025

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 2022507

SOLICITATION/PROJECT NAME: Donald Ross Road and Height Boulevard Intersection Improvements

Prime Contractor: Masse Consulting Services, LLC Subcontractor: Pacifica Engineering Services, LLC
 (Check box(s) that apply)

SBE Non-SBE Supplier

Date of Palm Beach County Certification (if applicable): 10/25/24 to 10/24/27

SBE PARTICIPATION – SBE Primes must document all work to be performed by their own work force on this form. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. SBE credit will only be given for the areas in which the SBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Geotechnical Exploration				\$14,123.27

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$14,123.27

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A Price or Percentage: N/A
 Name of 2nd/3rd tier Subcontractor/subconsultant

Masse Consulting Services, LLC

Print Name of Prime

By: *Md Abul Basher Khan*
 Authorized Signature

Md Abul Basher Khan

Print Name

Manager

Title

Date: 12/11/2025

Pacifica Engineering Services, LLC

Print Name of Subcontractor/subconsultant

By: *Wesley Foster*
 Authorized Signature

Wesley Foster

Print Name

President

Title

Date: December 10, 2025

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 2022507

SOLICITATION/PROJECT NAME: Donald Ross Road and Height Boulevard Intersection Improvements

Prime Contractor: Masse Consulting Services, LLC Subcontractor: Scalar Consulting Group, LLC

(Check box(s) that apply)

SBE Non-SBE Supplier

Date of Palm Beach County Certification (if applicable): _____

SBE PARTICIPATION – SBE Primes must document all work to be performed by their own work force on this form. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. SBE credit will only be given for the areas in which the SBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Lighting Analysis and Plans				\$12,660.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$12,660.00

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A
Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: N/A

Masse Consulting Services, LLC

Print Name of Prime

By: 
Authorized Signature

Md Abul Basher Khan

Print Name

Manager

Title

Date: 12/11/2025

Scalar Consulting Group, LLC

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

Aniruddha Gotmare

Print Name

Managing Member

Title

Date: 12/10/2025

*Revised 6.5.2025 pursuant to Emergency Ordinance 2025-014, approved on June 3, 2025



**Palm Beach County
Compliance Summary Report**

Vendor Number	Vendor Name	AM Best Rating	Insurance Carrier	Policy #	Eff. Date	Exp. Date	Coverage	Contract Number	Contract Name
DX00002024	Masse Consulting Services, LLC		Compliant					2022058	Intersection Improvements Annual Design Services (R2023-0477)
		A+p , XV	Hartford Casualty Insurance Company	21SBBZ1G6Y	2/10/2026	2/10/2027	General Liability		
		Ag , XV	Beazley Insurance Company, Inc.	C36A7E260301	2/17/2026	2/17/2027	Professional Liability		
		A+p , XV	Hartford Casualty Insurance Company	21WECBZ1GDB	2/10/2026	2/10/2027	Workers Comp		

Risk Profile : Standard - Professional Services
Required Additional Insured : Palm Beach County Board of County Commissioners
Ownership Entity :