

**FIRST AMENDMENT TO AGREEMENT FOR  
BREAKERS AVENUE STREETScape PROJECT**

THIS FIRST AMENDMENT to Agreement for Breakers Avenue Streetscape Project made this \_\_\_\_\_ day of \_\_\_\_\_ 2024, is by and between the City of Fort Lauderdale, a Florida municipality, (“CITY”), whose address is 101 NE 3<sup>rd</sup> Avenue, Suite 2100, Fort Lauderdale, FL 33301, and Kimley-Horn and Associates, Inc., (“CONSULTANT”) a North Carolina Corporation authorized to conduct business in the State of Florida, with a principal address at: 421 Fayetteville Street, Suite 600, Raleigh, NC, 27601 (collectively, “Parties” or “parties”).

WHEREAS, at its meeting on June 16, 2020, the City Commission of the City of Fort Lauderdale approved an agreement with CONSULTANT for the performance of Consultant Services for the Breakers Avenue Streetscape and Infrastructure Improvement Project (re-bid), RFQ No. 12357-206 (“Agreement”); and

WHEREAS, pursuant to the Agreement, the time for the performance of services was negotiated by the CITY and CONSULTANT; and

WHEREAS, the term of the Agreement was limited to the time duration required to complete the basic services of the project and any additional project related Task Orders for additional services; and

WHEREAS, the estimate performance schedule was fifty (50) weeks following the Purchase Order/Notice to Proceed; and

WHEREAS, CONSULTANT advanced the project to ninety percent (90%) design completion before utility conflicts were encountered, adjustment to the design plans were necessitated and there became a need for additional funding resources; and

WHEREAS, the CITY has been awarded additional grant funding to complete the project design and pursue construction for one phase of the project; and

WHEREAS, pursuant to the Agreement, the Parties may amend the Agreement, if approved by the City, in writing; and

WHEREAS, the parties wish to amend the Agreement to include an additional 1,057 days to advance the design to one hundred percent (100%) completion and any associated revisions of the existing plans required to account for utility hardening on Breakers Avenue; and

WHEREAS, the parties wish to increase the Not to Exceed Compensation Amount by One Hundred Sixty-One Thousand, Five Hundred and Sixty-Two Dollars (\$161,562), as compensation for the performance of CONSULTANT’S services, subject to the same terms, conditions and specifications contained in the Agreement.

NOW THEREFORE, for and in consideration of the mutual promises and covenants set forth herein and other good and valuable consideration, the Parties covenant and agree as follows:

1. **RECITALS**

The foregoing recitals are true and correct in all respects and are incorporated by reference herein.

2. **AMENDMENT**

The composite exhibit attached to the Agreement, is hereby updated and is hereby attached and incorporated as Exhibit "A" (composite).

The Not To Exceed Amount Compensation of Eight Hundred Ninety-Three Thousand, Five Hundred and Eighty Nine Dollars (\$893,589), pursuant to Article 7, Section 7.1.1, of the Agreement, titled, Not To Exceed Amount Compensation, is hereby amended to reflect an increased amount of One Hundred Sixty-One Thousand, Five Hundred and Sixty-Two Dollars (\$161,562), for a combined not to exceed total of One Million Fifty-Five Thousand, One Hundred and Fifty One Dollars (\$1,055,151).

3. **HEADINGS**

Headings herein are for the convenience of reference only and shall not be considered on any interpretation of this First Amendment or the Agreement.

4. **NO OTHER CHANGES**

Except as modified by this First Amendment, all terms, covenants, obligations and provisions of the Agreement shall remain unaltered, shall continue in full force and effect, and are hereby ratified, approved and confirmed by the parties in every respect. If the terms and conditions set forth in this First Amendment directly conflict with any provision contained in the Agreement, then this First Amendment shall control.

**[REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK]**

IN WITNESS WHEREOF, the CITY and the CONSULTANT execute this FIRST AMENDMENT as follows:

**CITY**

ATTEST:

CITY OF FORT LAUDERDALE, a Florida municipality

\_\_\_\_\_  
David R. Soloman, City Clerk

By: \_\_\_\_\_  
Dean J. Trantalis  
Mayor

Date: \_\_\_\_\_

By: \_\_\_\_\_  
Susan Grant  
Acting City Manager

Date: \_\_\_\_\_

Approved as to form and correctness:  
Thomas J. Ansbro, City Attorney

By: \_\_\_\_\_  
Kimberly Cunningham Mosley  
Assistant City Attorney

CONSULTANT

WITNESSES:

KIMLEY-HORN AND ASSOCIATES, INC., a North Carolina corporation authorized to transact business in the State of Florida.

\_\_\_\_\_

By: \_\_\_\_\_

Michael F. Schwartz

Print Name

Title: \_\_\_\_\_

\_\_\_\_\_

ATTEST:

Print Name

By: \_\_\_\_\_

Secretary

(CORPORATE SEAL)

STATE OF \_\_\_\_\_:

COUNTY OF \_\_\_\_\_:

The foregoing instrument was acknowledged before me by means of  physical presence or  online notarization, this \_\_\_\_\_ day of \_\_\_\_\_, 2024, by Michael F. Schwartz, as \_\_\_\_\_, for Kimley-Horn and Associates, Inc., a North Carolina corporation authorized to transact business in the State of Florida.

(NOTARY SEAL)

\_\_\_\_\_  
(Signature of Notary Public - State of Florida)

\_\_\_\_\_  
(Print, Type, or Stamp Commissioned Name of Notary Public)

Personally Known \_\_\_\_\_ OR Produced Identification \_\_\_\_\_

Type of Identification Produced: \_\_\_\_\_

**EXHIBIT “A”  
(COMPOSITE)**

Exhibit A – Project Title, Project Description, Specific Scope Services, Project’s Assumptions,  
Performance Schedule and Budget

I. PROJECT TITLE  
DESIGN SERVICES FOR BREAKERS AVENUE STREETScape  
ADDITIONAL SERVICES 01

II. PROJECT DESCRIPTION

The request for additional services entails the modifications to the utility undergrounding and electrical design, bollard design revision and updating the design package to 100% signed and sealed plans.

The following are the two criteria to be revised:

- Revise utility undergrounding designs (including surface feature changes) based on new FPL design and criteria since project was placed on hold in late 2021.
- Revise design to reflect breakaway style bollards per City’s request

Anticipated updates entail revisions to ensure current and adjusted design is reflected in all component drawings. Due to the unique nature of the road and limited right-of-way each street block needs to be analyzed and designed individually. The current roadway and sidewalk profiles are custom designed for each block to be able to match to the adjacent existing properties at the right of way line. It is anticipated that the utility undergrounding changes will impact several landscape planters and valley gutter configurations. The requested effort in this amendment is to cover the additional effort needed to revise and incorporate said changes into the final design documents for Breakers Avenue.

III. SPECIFIC SCOPE OF SERVICES

Kimley-Horn and Associates, Inc. (CONSULTANT) will complete the following additional Scope of Services for the Breakers Avenue Improvement Project Final Design.

Scope of Services

**TASK 1 – REVISE DESIGN AND CONSTRUCTION PLANS**

**Task 1.1 – Civil Engineering Design and Construction Plans**

Kimley-Horn will revise the current design documents (currently completed 90% Design) to reflect the requested changes to for underground utility changes, breakaway bollards, and revised field conditions as follows:

- Revise street improvement base files to reflect new horizontal layout as needed to reflect updated landscape planters and valley gutter changes based on FPL design and equipment requirements.
- ADA and surface drainage slopes will need to be re-evaluated and checked to ensure both are balanced and are maintained with the revised geometric changes.
- Working cross sections will need to be updated to reflect the horizontal and vertical geometry. Cross section analysis will be performed and design will be revised as needed to balance out ADA and drainage requirements with the revised changes to the landscape planters and valley gutter.
- Revise grading and drainage plans to account for the revised geometry noted above. Drainage layout modifications to the current design are not anticipated other than minor final grate elevation changes as needed.

### **Task 1.2 – Urban Design, Planting Plans/ Hardscape Plans**

Kimley-Horn will revise the current design documents (currently completed 90% Design) to reflect the requested changes to breakaway bollards, underground utility changes, and revised field conditions as follows:

- Revise Tree Disposition Plans to reflect revised utility work, above ground equipment, and roadway geometry
- Revise Planting plans to reflect revised roadway geometry and changes to landscape planter areas
- Revise Hardscape Plans and details to reflect the revised roadway geometry. This work entails revising the paver patterns based on changes needed for utility and tie-in conditions. Changes to selected colored pavers are not anticipated.
- Revise suspended pavement layout and details to account for geometric changes for the valley gutter, landscape planters, and parking areas.

## **TASK 2 – REVISE WATER, SEWER, AND STORM DRAIN**

### **Task 2.1 – Water Main Design Services**

Kimley-Horn will revise the current design documents (currently completed 90% Design) to reflect the requested changes to underground utility changes, breakaway bollards, and revised field conditions as follows:

- Review and adjust water mains, fire hydrants, and other water distribution system components design to accommodate roadway geometric changes. Permits revisions are specifically excluded. It is assumed that only fixture locations will be impacted.

### **Task 2.2 – Gravity Sewer Design Services**

Kimley-Horn will revise the current design documents (currently completed 90% Design) to reflect the requested changes to underground utility changes, breakaway bollards, and revised field conditions as follows :

- Review and adjust sewer design to accommodate roadway geometric changes as necessary and finalize lining revisions per City request. Permitting is not required as the scope of work is limited to lining of the existing sewer system.
- Review the updated pricing of the lining provided by the City's Contractor.
- Review and incorporate the City's lining specifications into a project specifications manual.

### **Task 2.3 – Stormwater Design**

Kimley-Horn will revise the current design documents (currently completed 90% Design) to reflect the requested changes to underground utility changes, breakaway bollards, and revised field conditions as follows:

- Review of any changes to utility crossings and clearances as a result of the modifications.
- Revise drainage structure details and adjust drainage calculations to account for revised roadway geometry.
- Modification of the existing Broward County Surface Water permit (previously approved) is anticipated.
- Up to twelve (12) person-hours of meetings with the City, Broward County Surface Water, the City's Contractor, or other such entities for coordination purposes.

### **Task 2.4 – Utility Undergrounding**

Kimley-Horn will revise the current design documents (currently completed 90% Design) for the utility undergrounding system to reflect change requested by FPL, revised above ground equipment, and updates based on current field conditions:

- One site visit with up to three (3) staff
- One property owner coordination meeting with the City and design team.
- One meeting with the utility providers to review any field changes that have occurred since project was placed on hold and talk with them about revising their plans.
- Coordination time with the utility providers to obtain updated designs
- Review provided designs, review any additional service laterals and have changes incorporated into design plans.
- No easement coordination is anticipated or included as it looks like there is room in the landscape islands for FPL equipment.
- Update OPC based on new quantities.



#### IV. PROJECT ASSUMPTIONS

Kimley-Horn assumes the following in the performance of this scope of work:

- No additional horizontal layout changes are anticipated including pavement scoring patten.
- One 90% phase resubmittal and one round of consolidated comments will be provided by the City followed by final plans. Additional rounds of comments can be provided as additional services.
- Kimley-Horn does not guarantee the issuance of permits or approvals. If permits are issued for this project, the conditions and expiration dates are the sole responsibility of the Client. Kimley-Horn is not responsible for extending time limited entitlements or permits. Kimley-Horn can provide services to file for extensions, if applicable, provided the Client issues a direct written request for each requested entitlement, prior to the dates of expiration.
- Kimley-Horn has no control over the actions of jurisdictional agencies or other parties. Opinions as to the status of permits and entitlements or their suitability for any specific purpose and as to the probability and timeframe for approvals are made solely on the basis of available information and limited research conducted.
- We recommend the City provide updated survey to capture current field conditions to provide clear tie-in conditions to the contractor. Current survey was complete 3 years ago and several changes have occurred in that time.
- Revisions needed based on field observations (highly suggest City to update survey to reflect current field conditions to avoid tie in discrepancies)

#### V. ADDITIONAL SERVICES

The following items are not included in this Work Authorization. If desired by the City, these services can be provided under a separate authorization.

- Revisions to Permits and resubmittal to permit agencies beyond what is noted in the scope
- Construction Phase Services (Post Design)
- Record Drawings

#### VI. PERFORMANCE SCHEDULE (EXHIBIT B)

We anticipate that the services described above will be completed as expeditiously as possible upon obtaining authorization and a written notice to proceed. Estimated durations are shown below, beginning upon receipt of a Notice to Proceed. The Consultant contacts for this project is Eric Regueiro.

<b>Activity</b>	<b>Duration in Weeks</b>
Notice to Proceed	0
Revise 90% Design Plans – Not for Construction Set	16
City Review and Comment	3
Permitting (estimated)	12
CMAR GMP development	8
Finalize Plans – For Construction Set	4

## VII. DELIVERABLES (EXHIBIT C)

### **Design Plans**

Drawings will be prepared at full scale (PDF) to allow City to plot in-house.

## VIII. BUDGET

Kimley-Horn will perform the services in Tasks 1 – 2 for the labor fee plus expense (unit) basis with the maximum labor fee shown in the attached fee breakdown (Attachment A). Kimley-Horn will not exceed the total maximum labor fee shown without authorization from the Client. Individual task amounts are provided for budgeting purposes only. Kimley-Horn reserves the right to reallocate amounts among tasks as necessary.

Billing rates are effective for the design phase which is estimated at up to June 2025.

Fort Lauderdale - Breakers Avenue-Add Serv 04

Category	Sr. Principal	Principal	Senior Professional	Project Engineer	Project Planner/Env	Project Landscape Architect	Senior Designer	Engineer / LA	Admin	Total Hours	Total
Contract Rate	\$ 261.00	\$ 250.00	\$ 217.00	\$ 179.00	\$ 165.00	\$ 153.00	\$ 143.00	\$ 138.00	\$ 71.00		
<b>Task 1 Revise Design and Construction Plans</b>											
<b>1.1 Civil Engineering Design and Construction Plans</b>											
Construction Plans										0	\$0
Cover Sheet										0	\$0
General Notes				1						1	\$179
Typical Sections				2						2	\$358
Roadside Profiles (adjustment for Utility Changes and tie ins)			2	4				8		14	\$2,254
Roadside Working Cross Sections (UTL Changes and tie-ins)			4	18				32		54	\$8,506
Paving and Grading Plans and Details			2	4				24		30	\$4,462
Project Specifications (assuming low bid)	1		4					8	4	17	\$2,517
90% Re-submittals and comment response	1		8	12				24		45	\$7,457
QAQC Reviews (final review)	4		12							16	\$3,648
Meetings (assume 2 mtgs, 3 hours/mtg, 2 staff)			6	6						12	\$2,376
										0	\$0
<b>1.2 Urban Design, Planting Plans/ Hardscape Plans</b>											
Site Visit (2 people, 2 hrs travel both ways)						6		6		12	\$1,746
Client material review meeting and prep (confirmation review)			3			3				6	\$1,110
Site Plan (adjustments/coord) (UTL, field, and bollard adjustments)			8			40		48		96	\$14,480
Site Plan Details (UTL, field, and bollard adjustments)						4				4	\$612
Tree Disp (UTL, field, and bollard adjustments)			1			2		12		15	\$2,179
Landscape Plans (UTL, field, and bollard adjustments)			2			12		24		38	\$5,582
Irrigation Plans (to match Landscape changes)			2			3		12		17	\$2,549
Hardscape Plans (UTL, field, and bollard adjustments)			12			40		60		112	\$17,004
90% Re-submittal and comment responses			12			18		28		58	\$9,222
										0	\$0
<b>2.1 Water Main Design</b>											
Minor Modifications to Water Plans, Profiles			2	4			4	4		14	\$2,274
Permitting for watermain (assumed to be as-built change)			0	0			0	0		0	\$0
<b>2.2 Gravity Sewer Design</b>											
Finalize Sewer Change to Lining			8				8	8		24	\$3,984
Review Contractor Revised Pricing			2							2	\$434
Review City's Lining Technical Specifications			2					4		6	\$986
<b>2.3 Stormwater Design</b>											
Modify Drainage Design, Plans, Profiles, and Details			8	16				28		52	\$8,464
Stormwater Meetings (assume 2 mtgs, 3 hours/mtg, 2 staff)			6					6		12	\$2,130
Stormwater Comments/Responses with City Staff			4	8				8		20	\$3,404
BC Stormwater Permit Modification			8					12		20	\$3,392

Fort Lauderdale - Breakers Avenue-Add Serv 04

Category	Sr. Principal	Principal	Senior Professional	Project Engineer	Project Planner/Env	Project Landscape Architect	Senior Designer	Engineer / LA	Admin	Total Hours	Total
Contract Rate	\$ 261.00	\$ 250.00	\$ 217.00	\$ 179.00	\$ 165.00	\$ 153.00	\$ 143.00	\$ 138.00	\$ 71.00		
<b>2.4 Underground Conduit Construction Plans</b>											
Site Visit (one)	5		4				5		4	18	\$3,172
Utility Owner Coordination			4				16			20	\$3,156
Underground Conduit Construction Plans											
Conduit / Equipment Plan, Street Lighting Conduits (4x3 sheets)	2		16				48			66	\$10,858
Equipment Details (2 sheets)	1		4	4			24			33	\$5,277
Commercial Service Sizing Spreadsheet (2 sheets)	2		2	2			4			10	\$1,886
Electrical Engineering QC and FPL Plan review/markup	3		3	3			4			13	\$2,543
Submit Equipment Location Plan, respond to comments	4		4	4			12			24	\$4,344
Submit Conduit Routing plans, respond to comments	2		4	4			8			18	\$3,250
Prepare OPC (Equipment and Conduit Submittals)	4		2	2			8			16	\$2,980
General Coordination meetings (up to 4)	4		8				2			14	\$3,066
Property owner coordination meeting with City (up to 1)	3		4							7	\$1,651
<b>Hours</b>	36	0	173	94	0	128	143	356	8	<b>938</b>	
<b>Fee</b>	\$9,396	\$0	\$37,541	\$16,826	\$0	\$19,584	\$20,449	\$49,128	\$568		
										<b>Sub-Total</b>	\$153,492
										<b>Subconsultant - Waypoint</b>	\$5,000
										<b>Reimbursable Expenses</b>	\$3,070
										<b>Total</b>	<b>\$161,562</b>



# WAYPOINT

ENGINEERING AND EQUIPMENT LLC  
6671 W. INDIANTOWN ROAD, SUITE 50-416  
JUPITER, FLORIDA 33458

August 16, 2024

Ms. Kaitlin Townsend, P.E.  
Kimley-Horn and Associates, Inc.  
1920 Wekiva Way, Suite 200  
West Palm Beach, Florida 33411

Re: Utility Undergrounding Project  
City of Ft. Lauderdale, Breakers Avenue

Dear Katilin,

Thank you for the opportunity to provide professional engineering services in support of the above referenced project in the City of Ft. Lauderdale. Waypoint Engineering and Equipment LLC has performed a cursory on-site review of the area of the proposed utility undergrounding for this project and the following is a proposed scope of work and hourly fee to provide our services.

Scope of Work: Investigate existing customer owned commercial electric services, including removal and replacement of panel covers, meter can covers, gutters, and opening of main disconnects to determine existing customer owned wire sizes and service ratings for design purposes for undergrounding project. Coordination with property owners may be required for access to electrical facilities and some facilities may need to be de-energized prior to investigation for safety reasons.

Our hourly rate for these services will be \$175/hour. Expenses including vehicle mileage, parking, and other travel related items will be charged at standard government rates or at 1.15 x direct expense cost. Our expected budget for this project is \$5000.

Thank you for the opportunity to provide this service to Kimley-Horn and Associates, Inc. Feel free to contact me with any questions regarding the content of this report.

**WAYPOINT ENGINEERING AND EQUIPMENT LLC**

Russell C. Morrison, P.E., Florida license #51567  
Waypoint Engineering and Equipment LLC

EXHIBIT B

RFQ #12357-206, EXHIBIT B - FEE

SCHEDULE AND WAYPOINT PROPOSAL

**EXHIBIT "B"**

**HOURLY BILLING RATES FOR TASK ORDERS**

**City of Fort Lauderdale**

**Breakers Avenue Streetscape Project (RFQ #12357-206)**

**Kimley-Horn and Associates, Inc.**

**Standard Hourly Rate Table**

<b><u>CATEGORY</u></b>	<b><u>HOURLY RATE*</u></b>
SENIOR PRINCIPAL	\$261.00
PRINCIPAL	\$250.00
SENIOR PROFESSIONAL	\$217.00
PROJECT ENGINEER	\$179.00
PROJECT PLANNER / ENVIRONMENTAL	\$165.00
PROJECT LANDSCAPE ARCHITECT	\$153.00
SENIOR DESIGNER	\$143.00
ENGINEER / ANALYST	\$138.00
ADMINISTRATIVE/CLERICAL	\$ 71.00

January 2020,

Revised February 2020

Exhibit B Kimley-Horn Rates 12357-206v4.docx

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### Salary Costs

Project No:  
 Project Title: Breaker Ave. Streetscape Project  
 City of Fort Lauderdale  
 Prime Consultant Name: Kimley-Horn  
 Sub Consultant Name: Dickey Consulting Services, Inc.

TITLE	HOURLY RATE (\$/HR)				
Project Director	\$167.00				
Project Manager	\$101.00				
Document Control	\$85.00				
Senior Project Coordinator	\$88.00				
Project Coordinator	\$78.00				
Administrative Assistant	\$63.00				

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**PROFESSIONAL SERVICE FEE SCHEDULE**

	Hourly Rate
Professional Surveyor & Mapper.....	\$125.00
Senior Project Surveyor .....	\$115.00
Senior Technician .....	\$100.00
Survey Party (2) Person.....	\$120.00
Survey Party (3) Person.....	\$140.00
Survey Laser Scanning .....	\$250.00
Utility Project Manager.....	\$175.00
Subsurface Utility Location Manager.....	\$140.00
Subsurface Utility Field Supervisor.....	\$90.00
Utility Coordination Manager.....	\$120.00
Utility Coordinator .....	\$100.00
Utility Designating/GPR.....	\$200.00
Vacuum Excavation Test Hole (Pervious Surface).....	\$350.00/Each
Vacuum Excavation Test Hole (Impervious Surface).....	\$450.00/Each
Administrative Assistant .....	\$60.00

Corporate Office  
301 E Atlantic Blvd  
Pompano Beach  
FL 33060  
954.788.3400

Miami-Dade County  
2160 NW 82 Ave  
Doral  
FL 33122  
305.667.5474

Broward County  
2312 S Andrews Ave  
Fort Lauderdale  
FL 33316  
954.788.3400

Palm Beach County  
120 N Federal Hwy  
Suite 208  
Lake Worth, FL 33460  
561.469.0992

Orange County  
321 N Crystal Lake Drive  
Suite 208  
Orlando, FL 32803  
954.788.3400

CAM 20-0402

# Tierra South Florida Fee Schedule - Breakers Avenue Streetscape

Discipline	Rate/Hr/Unit
<b>Geotechnical Engineering/Inspections</b>	
Project Manager	\$165.00
Principal Engineer	\$150.00
Senior Engineer	\$125.00
Project Engineer	\$100.00
Threshold Engineer	\$150.00
Special Inspector Representative	\$75.00
Senior Technician	\$75.00
CADD	\$65.00
Asphalt Plant Inspection	\$65.00
Asphalt Field Inspection	\$65.00
Technician - Soil Densities	\$65.00
Technician - Concrete Testing	\$65.00
Technician - Pile Driving Inspection	\$75.00
Technician - Pre-stress Yard Inspection	\$75.00
<b>Field Investigation</b>	
Mobilization of Men and Equipment	
Truck-Mounted Equipment	\$350.00
Specialized ATV/Mudbug	\$720.00
Support Vehicle	\$150.00
Barge-Mounted Equipment	\$5,500.00
Crane Rental	\$250.00
Support Boat	\$500.00
Standard Penetration Test Borings (By Truck-Mounted Equipment)	
Land: 0 - 50 ft depth	\$12.00
50 - 100 ft depth	\$14.00
Grout-Seal Boreholes (By Truck-Mounted Equipment)	
Land: 0 - 50 ft depth	\$5.00
50 - 100 ft depth	\$6.00
Casing Allowance (By Truck-Mounted Equipment)	
Land: 0 - 50 ft depth	\$8.00
50 - 100 ft depth	\$10.00
Standard Penetration Test Borings (By Barge-Mounted Equipment)	
Water: 0 - 50 ft depth	\$20.00
50 - 100 ft depth	\$27.00
Grout-Seal Boreholes (By Barge-Mounted Equipment)	
Water: 0 - 50 ft depth	\$9.00
50 - 100 ft depth	\$11.00
Casing Allowance (By Barge-Mounted Equipment)	
Water: 0 - 50 ft depth	\$14.00
50 - 100 ft depth	\$17.00
Rock Coring (Truck)	\$65.00
Rock Coring (Barge)	\$50.00
Field Permeability Tests	\$300.00
Pavement Cores, Asphalt	\$100.00
Pavement Cores, Concrete	\$100.00
MOT	\$1,200.00
<b>Laboratory Testing</b>	
Natural Moisture Content Tests	\$10.00
Grain-Size Analysis - Full Gradation	\$65.00
Grain-Size Analysis - Single Sieve	\$35.00
Organic Content Tests	\$35.00
Atterberg Limit Tests	\$75.00
Field CBR	\$600.00
Lab CBR	\$300.00
LBR	\$275.00
Rock compression test	\$125.00
Split tension test	\$150.00
Grain-Size with Hydrometer	\$115.00
Proctor Test a) Modified	\$100.00
b) Standard	\$100.00
Bitumen Extraction	\$150.00
Bitumen Gradation	\$150.00



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N24° 42' 12"



W81° 21' 10"

# WAYPOINT

ENGINEERING AND EQUIPMENT LLC  
820 W. INDIANTOWN ROAD, SUITE 105  
JUPITER, FLORIDA 33458

July 19, 2019

Kimley-Horn and Associates, Inc.  
Attn: Kevin Schanen  
1920 Wekiva Way  
West Palm Beach, Florida 33411

Re: City of Ft. Lauderdale-Breakers Avenue streetscaping project between  
Belmar Street and Viramar Street  
Commercial electrical service sizing

Dear Kevin,

Below please find our scope of work and fee proposal for the above referenced project.

Scope of Work:

Commercial electrical service sizing of conductors, voltage drop calculations, and conduit sizing for replacement electrical services. To be performed in accordance with NEC guidelines to meet minimum requirements for customer ampacity ratings. Site review will be required of existing facilities. Up to two (2) commercial services will be sized under this task.

Not included in the scope is residential service sizing. It is assumed that FPL will provide this service.

Total: 2,000.00

Thank you and feel free to contact me at 561-252-1220 with any questions.

**WAYPOINT ENGINEERING AND EQUIPMENT, LLC**

Russell C. Morrison, P.E., #51567  
Waypoint Engineering and Equipment LLC, Florida CA #29673