

## PROJECT AGREEMENT

between

THE CITY OF SUNRISE

and

BCC Engineering, LLC

for

Project Agreement No. 20-012-BE

### SUNSET STRIP FORCE MAIN STUDY FROM LS 118 TO LS 101

Pursuant to the provisions contained in the Continuing Services Agreement between the City of Sunrise and BCC Engineering, LLC for Miscellaneous Civil Engineering Services (hereinafter referred to "CONTINUING SERVICES AGREEMENT") dated **November 29, 2017**; and

**WHEREAS**, in 2019, BCC Engineering Inc. filed Articles of Conversion in accordance with Florida Status section 605.1405 and became known as BCC Engineering, LLC, this Project Agreement between the City of Sunrise ("CITY") and BCC Engineering, LLC (Corporation) ("CONSULTANT") authorizes the CONSULTANT to provide the services as set forth below:

The CITY and the CONSULTANT agree as follows:

#### SECTION 1 INCORPORATION OF CONTINUING SERVICES AGREEMENT

1.1 All terms and conditions of the Continuing Services Agreement between the City and the Consultant dated November 29, 2017, not specifically modified by this Agreement shall remain in full force and effect and are incorporated into and made a part of this Agreement by this reference as though set forth in full.

#### SECTION 2 CONSULTANT'S BASIC DUTIES TO CITY

2.1 By executing this Agreement, the Consultant represents to the City that the Consultant is professionally qualified to act as the Consultant for the Project (hereinafter referred to as "the Project") and is licensed to practice engineering by all public entities having jurisdiction over the Consultant and the Project. The Consultant further represents to the City that the Consultant will maintain all necessary licenses, or other authorizations necessary to act as Consultant for the Project until Consultant's duties hereunder have been completed. The Consultant shall be responsible for providing all necessary subconsultants required for the successful completion of the work as outlined in **EXHIBIT "1"** Scope of Services. The Consultant assumes full responsibility to the City for the improper acts, negligence, and omissions of its subconsultants and of all others employed or retained by the Consultant in connection with the Project.

2.2 Execution of this Agreement by the Consultant constitutes a representation that the Consultant has become familiar with the Project site and the local conditions under which the Project is to be implemented.

2.3 SCHEMATIC DESIGN (**NOT USED**)

2.4 DESIGN DEVELOPMENT (**NOT USED**)

2.5 CONSTRUCTION DOCUMENTS (**NOT USED**)

2.6 ADMINISTRATION OF CONSTRUCTION (**NOT USED**)

Authorized City Representative's Initials: \_\_\_\_\_

Authorized Consultant Representative's Initials: \_\_\_\_\_

## 2.7 ADDITIONAL SERVICES

The following services of the Consultant are not included in Sections 2.3 through 2.6, nor in EXHIBIT "1," Scope of Services. Nevertheless, the Consultant shall provide such services as related to the Project if authorized in writing by the City prior to the performance or furnishing of same, and, unless otherwise specified in this Agreement, said services shall be paid for by the City as provided hereinafter.

2.7.1 Providing services to perform an extraordinary examination or investigation of existing conditions or to make measured drawings, or to verify the accuracy or other information provided by the City.

2.7.2 Making revisions in drawings, specifications or other documents when such revisions are inconsistent with written direction by the City previously given, are required by the enactment or revision of codes, laws or regulations subsequent to the preparation of such documents and not reasonably anticipated, or are due to other causes not within the control or responsibility of the Consultant, either in whole or in part.

2.7.3 Preparing drawings, specifications and supporting data in connection with Change Orders, provided that such Change Orders are issued by the City due to causes not within the control or responsibility of the Consultant, either in whole or in part.

2.7.4 Providing services concerning repair or replacement of work damaged by fire or other cause during construction provided that such services are required by causes not the responsibility of the Consultant, either in whole or in part.

2.7.5 Providing services made necessary solely by the default of the Contractor or defects or deficiencies in the work of the Contractor.

## 2.8 SERVICE SCHEDULE

2.8.1 The Consultant shall perform its services expeditiously. The Consultant shall submit for the City's approval a schedule for the performance for the Consultant's services that shall include allowance for time required for the City's review of submissions and for approvals of authorities have jurisdiction over the Project. The City shall review and approve or reject any schedules submitted by the Consultant within five (5) working days of said submittal. If, in the event that construction of the Project is suspended for more than thirty (30) days, the Consultant shall also suspend Construction Administration Services upon request of City. Any time spent on the Project at the request of the City or on the City's behalf during this suspension shall be additional services and shall be paid based on the Standard Hourly Rates attached to the Continuing Services Agreement as EXHIBIT "B" Hourly Rates. The reasonable term of construction upon which the fees for Construction Administration Services in this Agreement are based, shall be extended to include the period of construction suspension. This schedule, when approved by the City, shall not, except for cause, be exceeded by the Consultant. In the event the City rejects any schedules submitted by the Consultant, the Consultant shall submit a revised schedule within forty-eight (48) hours of said rejection. Submission of a schedule acceptable to the City and to which the City makes no objection shall be a condition precedent for any payment to the Consultant.

2.8.2 Upon receipt of the Notification of Commencement and the fully executed Purchase Order, the Consultant shall commence services to the City on the Commencement Date, and shall continuously perform services to the City, without interruption, in accordance with the time frames set forth in the "Project Schedule," a copy of which is attached and incorporated into this Agreement as **EXHIBIT "2"**.

### 2.8.3 Liquidated Damages **(NOT USED)**

2.8.4 No Damages for Delay: The Consultant shall not be entitled to any claim for damages including, but not limited to, loss of profits, loss of use, home office overhead expenses, equipment rental and similar costs on account of delays in the progress of the Project from any cause or national disaster or emergency, unusual delay in deliveries, unusual delay in procuring permits, differing site conditions, unavoidable casualties or other cause beyond the Consultant's control, or by delay authorized by the City, or by other causes which the Consultant determines may justify delay. The Consultant's sole recovery and remedy for any such delay shall be a reasonable extension of time and a revision to the Project Schedule as determined by the City. However, additional costs to the Consultant or delays in the Consultant's performance caused by improperly timed activities shall not be the basis for granting a time extension. If the Consultant wishes to make a claim for an increase in time of performance, written notice of such claim shall be made to the City within three (3) working days after the occurrence of the event, or the first appearance of the condition giving rise to such claim. The City's representative shall determine whether the Consultant is entitled to a time extension for the delay. The failure of the Consultant to give such notice shall constitute a waiver of any claim under this section.

2.8.5 Notwithstanding the provisions of Subparagraph 2.8.4, in the event that the Contractor fails to substantially complete the Project on or before the Substantial Completion date specified in the Construction Contract or the Contractor is granted an extension of the time to complete performance under the Construction Contract and the Consultant's Contract Administration Services are materially extended by the City as a direct result thereof and through no fault of the Consultant, the Consultant shall be entitled to additional compensation at the rates shown in the Continuing Services Agreement EXHIBIT "B." The amount of compensation due by the Consultant under this Subparagraph shall be pursuant to approved written Amendment to this Agreement.

## 2.9 PERSONNEL

2.9.1 The CONSULTANT shall assign only qualified personnel to perform any services concerning this Project Agreement. At the time of execution of this Agreement, the parties anticipate that the following named individuals will perform those supervisory or primary functions indicated:

NAME	FUNCTION
Joanne Prince, PE, ENV SP.	Chief Engineer
Shari J. Ramirez, PE, ENV SP.	Engineer-of-Record/Project Manager
Heidy Amigot, EI	Project Engineer
Liudmila Espinoza	Designer

So long as the individuals named above remain actively employed or retained by the CONSULTANT, they shall perform the functions indicated next to their names. Furthermore, the CITY reserves the right to reject any proposed substitution for any of the above named individuals, and the CITY shall have the further right to require that any individual assigned to the Project by the CONSULTANT be removed from the Project and reassigned for good cause.

### SECTION 3 CITY'S BASIC DUTIES TO CONSULTANT

3.1 The City shall provide the Consultant with adequate information regarding the City's requirements for the Project including any desired or required design or construction schedule, or both, and any budgetary requirements including fixed limit of construction cost, prior to the start of the Construction Documents Phase of design, upon which the Consultant shall be entitled to rely.

3.2 The City shall review any documents submitted by the Consultant requiring the City's decision, and shall render any required decision pertaining thereto in a timely fashion.

3.3 The City shall furnish structural, mechanical, chemical and other laboratory tests, inspections and reports as required by law or the Construction Contract.

3.4 If the City becomes aware of any fault or defect in the Project, nonconformance with the Construction Contract, or of any errors, omissions or inconsistencies in the drawings or specifications, prompt notice thereof shall be given by the City to the Consultant.

3.5 The City shall perform those duties set forth in Sections 3.1 through 3.4 as expeditiously as may reasonably be necessary for the orderly progress of the Consultant's services and of the work.

3.6 The City's review of any documents prepared by the Consultant or its subconsultants shall be solely for the purpose of determining whether such documents are generally consistent with the City's construction program and intent. No review of such documents shall relieve the Consultant of its responsibility for the accuracy, adequacy, fitness, suitability and coordination of its work product.

### SECTION 4 CONSTRUCTION COSTS (NOT USED)

### SECTION 5 BASIS OF COMPENSATION

5.1 The City shall compensate the Consultant for an amount not to exceed **\$78,271.00** based on services rendered pursuant to **EXHIBIT "1,"** Scope of Services, of this Agreement by allocating the estimated percentage of work for each of the phases set forth in Section 5.2. Billings for each phase shall not exceed the amount allocated to each phase.

5.2 Payment to the Consultant of the sum set forth in Section 5.1 shall be allocated based on the estimated percentage of work completed for each of the following phases:

TASK	DESCRIPTION	PERCENT OF TOTAL FEE	FEE
1	Data Collection	17.38	\$13,600.00
2	Flow Monitoring and Data Collection Services	22.07	\$17,271.00
3	Hydraulic Modeling and Basis of Design Report	60.55	\$47,400.00
<b>N/A</b>	<b>TOTAL</b>	<b>100.00</b>	<b>\$78,271.00</b>

5.3 Additional services of the Consultant as described in Section 2.7, if any, shall be compensated as follows: See EXHIBIT "B" Hourly Rates of the Continuing Services Agreement.

5.4 Reimbursable Expenses as defined in Section 6 shall be reimbursed to the Consultant by the City as provided in Section 6.

5.5 If the scope of the Consultant's services are changed materially through no fault of the Consultant, compensation due to the Consultant shall be equitably adjusted, either upward or downward.

## **SECTION 6 BILLING AND PAYMENTS TO THE CONSULTANT**

6.1 Billing and payments to the CONSULTANT shall be in accordance with EXHIBIT "E" of the Continuing Services Agreement.

6.2 REIMBURSABLE EXPENSES (NOT USED)

## **SECTION 7 TERM**

7.1 This Agreement shall commence on the date this instrument is fully executed by all parties and shall continue in full force and effect for a period of **two (2) years** from the date of execution hereof, unless otherwise terminated pursuant to Section 8.1 or 8.2, or other applicable sections of this Agreement. The City's Capital Projects Director may extend the term of this Agreement through written notification to the Consultant. Such **extension shall not exceed two (2) one-year terms**. No further extensions of this Agreement shall be effective unless authorized by City code or City Commission action.

## **SECTION 8 TERMINATION**

8.1 TERMINATION FOR CAUSE

8.1.1 This Agreement may be terminated by either party upon seven (7) days' written notice to the other should such other party fail substantially to perform in accordance with its material terms through no fault of the party initiating the termination. In the event of a termination for cause, the Consultant shall be entitled to receive compensation for any work completed pursuant to the Agreement to the satisfaction of the City through the date of termination, less any amounts which the City reasonably deems necessary to withhold in order to correct any defects or deficiencies in the work performed by the Consultant. In no event shall the City pay for profit or overhead on work not performed.

8.2 TERMINATION FOR CONVENIENCE

8.2.1 This Agreement may be terminated by the City without cause upon ten (10) days' written notice to the Consultant. In the event of such a termination without cause, the Consultant shall be compensated for all services completed pursuant to this Agreement to the satisfaction of the City up to and through the date of termination, together with Reimbursable Expenses incurred. In such event, the Consultant shall promptly submit to the City its invoice for final payment and reimbursement which invoice shall comply with the provisions of Section 2.5 of EXHIBIT "E" of the Continuing Services Agreement.

8.2.2 Under no circumstances shall the City make payment of profit or overhead for work that has not been performed. Additionally, the City shall not make payment for the following items:

8.2.2.1 Anticipated profits or fees to be earned on completed portions of the work;

8.2.2.2 Consequential damages;

8.2.2.3 Costs incurred in respect to materials, equipment or services purchased or work done in excess of reasonable quantitative requirements of this Agreement;

8.2.2.4 Expenses of Consultant due to the failure of Consultant or its subconsultants to discontinue the work with reasonable promptness after notice of termination has been given to the Consultant; and

8.2.2.5 Losses upon other contracts or from sales or exchanges of capital assets or Internal Revenue Code Section 1231 assets.

8.2.2.6 Damage or loss caused by delay.

8.3 ASSIGNMENT UPON TERMINATION. Upon termination of this Agreement, the work product of the Consultant shall become the property of the City and the Consultant shall within ten (10) working days of receipt of written direction from the City, transfer to either the City or its authorized designee, all work product in its possession, including but not limited to, designs, specifications, drawings, studies, reports and all other documents and data in the possession of the Consultant pertaining to this Agreement. Upon the City's request, the Consultant shall additionally assign its rights, title and interest under any subcontractor's agreements to the City. All work product provided under this Section shall be used solely for its intended purpose.

**SECTION 9 SEVERABILITY**

9.1 If any term or provision of this Project Agreement or its application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, the remainder of this Project Agreement or the application of such terms or provisions to persons or circumstances other than those to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Project Agreement shall be deemed valid and enforceable to the extent permitted by law.

[REMAINDER OF PAGE LEFT INTENTIONALLY BLANK]

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement on the respective dates under each signature: The CITY, signing by and through its Mayor, attested to by its City Clerk, duly authorized to execute same and by BCC Engineering, LLC by and through its Executive Vice President, duly authorized to execute same.

**CITY**

CITY OF SUNRISE, FLORIDA

By: \_\_\_\_\_  
Mayor Michael J. Ryan  
\_\_\_\_\_ day of \_\_\_\_\_, 2020

AUTHENTICATION:

\_\_\_\_\_  
Felicia M. Bravo  
City Clerk  
(SEAL) Seal

Approved as to form:  
Kimberly A. Kisslan, City Attorney  
City of Sunrise  
10770 W. Oakland Park Blvd.  
Sunrise, Florida 33351  
Telephone: (954) 746-3300

By: \_\_\_\_\_  
Kimberly A. Kisslan  
City Attorney

**CONSULTANT**

BCC Engineering, LLC

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

Ariel Millan, P.E

Executive Vice President

\_\_\_\_\_ day of \_\_\_\_\_, 2020

AUTHENTICATE:

\_\_\_\_\_

Secretary

\_\_\_\_\_

Please type name of Secretary

(CORPORATE SEAL)

WITNESS 1:

\_\_\_\_\_

WITNESS 2:

\_\_\_\_\_



## **EXHIBIT "1"**

TO

### PROJECT AGREEMENT

SUNSET STRIP FORCE MAIN STUDY FROM LS 118 TO LS 101

### **SCOPE OF SERVICES**

**PROJECT DESCRIPTION** The Project is in the City of Sunrise in Broward County, along Sunset Strip from Lift Station 118 (located at Sunset Strip and NW 94 Way) to Lift Station 101 (located at Sunset Strip and NW 15 Street). The project area is mostly residential with some commercial properties. The project involves hydraulic modeling of the existing 8-inch to 10-inch force main along Sunset Strip for upsizing and flow redirection as necessary. A segment of 10-inch DIP crossing North Pine Island Road remains closed, a field investigation is to be performed to locate and open the plug valves for a full force main system analysis. Exhibit A presents a location map and identifies the proposed study area.

#### **TASK 1 : DATA COLLECTION**

During execution of the data collection task, BCC will review the existing GIS files, as-builts, WaterGEMS Model and Hazen Report dated December 26, 2017. BCC staff will conduct one site visit with Client Operations staff and representatives from Avanti Company to finalize the monitoring equipment installation location. During the same site visit, BCC staff will visit with Client staff the three plug valves that must be located and opened. The Client or a Sub-Contractor hired by the Client will conduct the underground exploration to locate and open the existing plug valves. There are three plug valves located along the closed segment in Sunset Strip Road. They are identified in the City's GIS file at the following locations: 1) N Pine Island Rd, 2) NW 85 Ave, and 3) NW 84 Way.

BCC staff will arrange a design kick-off meeting with Client staff. BCC will prepare the meeting agenda and a detailed project schedule for discussion with Client staff at the kick-off meeting. Following the kick-off meeting, the finalized schedule and meeting minutes will be issued.

Deliverables:

- Kick-Off Meeting Agenda
- Kick-Off Meeting Minutes
- Site Visit Field Report
- Draft Project Schedule
- Final Project Schedule

#### **TASK 2 : FLOW MONITORING AND DATA COLLECTION SERVICES**

BCC will have install flow and pressure monitoring data collection devices at the locations identified during the Task 1 field visit. The proposed locations will be chosen by Avanti, a sub-consultant to BCC, and City Staff to minimize installation difficulty and costs. The flows will be measured at the nearest Pump Stations to analyze the results before and after the opening of the plug valves to allow flows thru the closed force main segment.

Deliverables:

- • Flow Monitoring Reports from Avanti – Two hard copies and one electronic copy

### TASK 3 : HYDRAULIC MODELING AND BASIS OF DESIGN REPORT

The Basis of Design Report (BODR) will summarize and present the hydraulic wastewater model analysis. The model will evaluate the existing force mains pressures, velocities, and design capacity for different system operating scenarios in order to identify pipe sizing and force main improvement requirements along Sunset Strip Road.

- a. Existing Pipe Inventory per City’s Wastewater WaterGEMS Model (Springtree Wastewater Transmission Model 2019-08-24)

PIPE DIAMETER (INCH)	PIPE LENGTH (FEET)	PIPE MATERIAL	FROM	To
8	2,315.00	AC	LS 118	LS 117
10	968.00	AC	LS 117	LS 111
10*	1,758.00	DIP/AC		
10	341.00	AC		
10	1,450.00	AC	LS111	LS110
10	761.00	DIP		
10	3,228.00	DIP	LS 110	LS 109
10	2,216.00	DIP	LS 109	LS 104
8	1,559.00	AC	LS 104	LS 103
8	1,715.00	DIP		
8	2,834.00	AC	LS 103	LS 101
Total	19,145.00	n/a	n/a	n/a

\*Closed segment of force main

- b. The BODR will consist of:
  - Project background
  - Project need
  - Hydraulic Model
  - Provide hydraulic modeling results with improvements implemented (Short Term, Near Term and Long Term)
  - Identify regulatory process for all sanitary sewer improvements
  - Preliminary Opinion of Probable Cost (OPC)
  - Evaluation Criteria
  - Recommendations
  - Scenarios
  - Upsizing existing 8-inch FM to 10-inch
  - Upsizing all existing 8-inch FM and 10-inch FM to 12-inch
  - Open the flows at closed segment
  - Redirect the flows of LS 111 to N Pine Island Road

Deliverables:

- Draft Basis of Design Report – Two hard copies and one electronic copy.
- Final Basis of Design Report – Two hard copies and one electronic copy.

ASSUMPTIONS AND EXCLUSIONS

1. Internal assessments of existing pipes via closed-circuit television (CCTV) is not included in this scope of services.
2. Field Investigation of the plug valves location and underground exploration is not in this scope of services.
3. Design, Permitting, Bidding, Construction support services and construction closeout certifications are not included in this scope.
4. Applicable City of Sunrise design guidelines and requirements to be implemented in the BODR.
5. The City is to provide latest existing WaterGEMS Wastewater Model and Report.
6. The City is to provide future land development and zoning changes.
7. All hard copies of reports will be submitted as bound 8 ½" x 11" documents
8. All electronic copies will be provided in PDF format.
9. Utility permits and associated Maintenance of Traffic plans needed for excavation to locate the plug valves, conduct geotechnical sampling or installation of the flow and pressure monitoring equipment shall be the responsibility of the individual subconsultant or contractor.

**EXHIBIT "2"**

TO

PROJECT AGREEMENT

SUNSET STRIP FORCE MAIN STUDY FROM LS 118 TO LS 101

**PROJECT SCHEDULE**

<b>TASK</b>	<b>DESCRIPTION</b>	<b>APPROXIMATE FINISH DATE</b>
1	Data Collection	07/07/20
2	Flow Monitoring and Data Collection Services	07/07/20
3	Hydraulic Modeling and Basis of Design Report	11/03/20

Authorized City Representative's Initials: \_\_\_\_\_

Authorized Consultant Representative's Initials: \_\_\_\_\_



# Location Map

Sunset Strip Force Main Study from LS 118 to LS 101

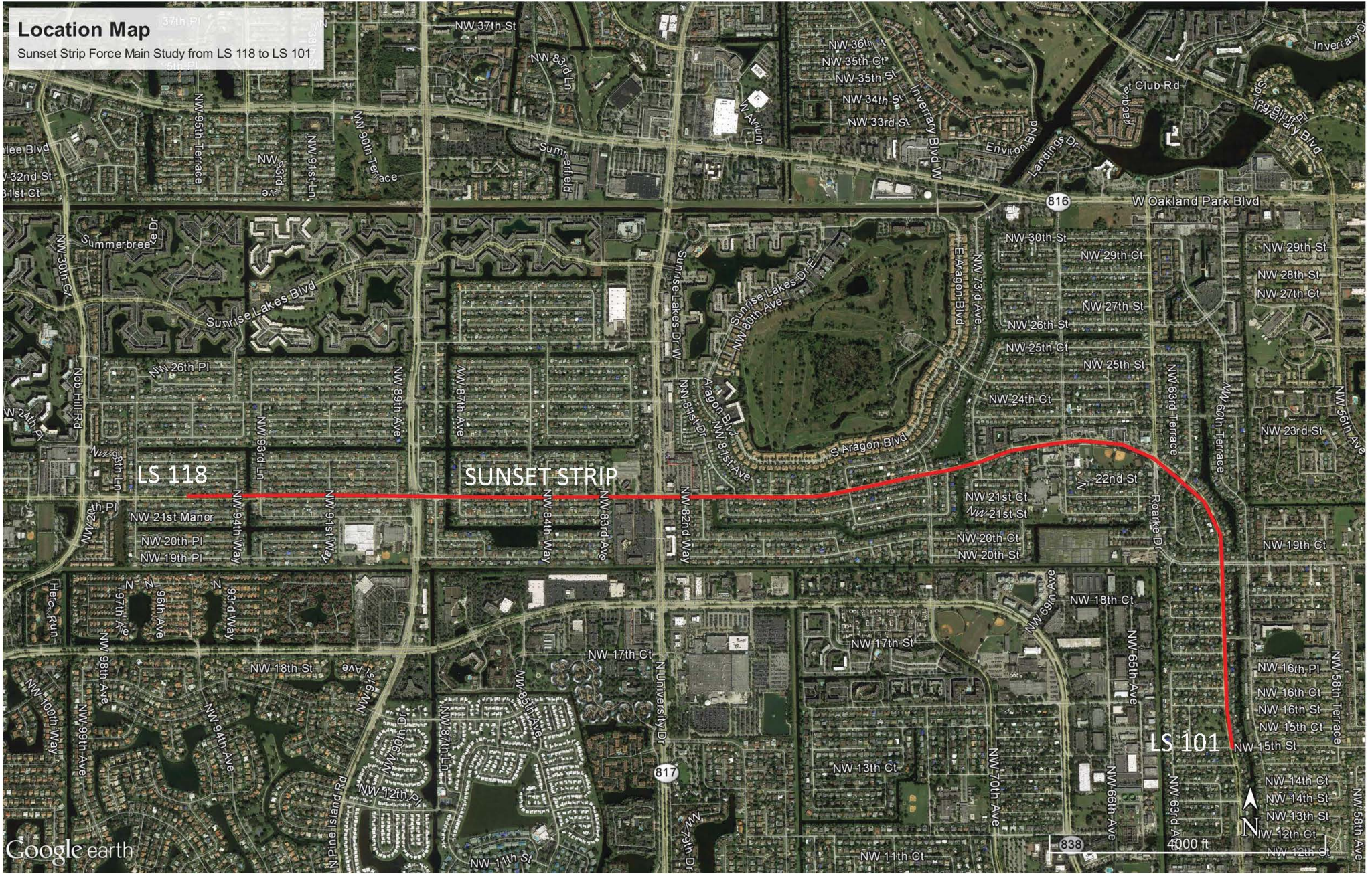


Exhibit A