

April 13, 2021

Mr. Ricky Engle
Director, Parks and Recreation & Cultural Arts
City of Hollywood
2600 Hollywood Boulevard
Hollywood, Florida 33022

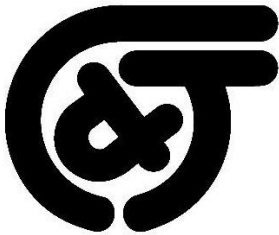
RE: STANLEY GOLDMAN PARK
CTA PROPOSAL NO. 2021-R04.055 (2nd Revision)

Dear Mr. Engle,

We are pleased to submit this proposal for Professional Consulting Services in connection with the proposed improvements to Stanley Goldman Park.

Stanley Goldman Park is located south of Johnson Street, west of the CSX Tracks, north of Hollywood Boulevard and east of the SFWMD C-10 Canal. The proposed improvements consist of upgrading the lighting, widening the existing paths, providing drainage to the dog park area and improving the conflict points with the adjacent property owner at Johnson Street. Specifically, our proposed scope of services and fees are as follows:

CRAIG THOMPSON



& ASSOCIATES INC.

Engineers
Planners
Surveyors
Landscape Architects

I. SURVEYING SERVICES

1.1 Topographic Survey (CTA Task No. 11020)

Prepare a Topographic Survey of the existing Trail between Johnson Street and Hollywood Blvd, just west of Interstate 95 and the CSX Railroad. The Trail lies within a portion of Section 17, Township 51 South, Range 42 East, City of Hollywood, Broward County, Florida, and is part of Blocks C and D, and the Not Included Parcel shown on "Orangebrook Golf Estates", recorded in Plat Book 38, page 1, Broward County Records. The linear Trail meanders along the Lake (Parcel E) of the plat and is under a dense canopy of vegetation.

The Survey will meet current surveying requirements of the Board of Professional Surveyors and Mappers of the State of Florida, as outlined in Chapter 5J-17 of the Florida Administrative Code.

The Survey/Project Limits is based on information provided by Hazen and Sawyer and shown on the attached Exhibit 'A'.

Survey Scope:

- Recovery of sufficient existing boundary and/or right of way monumentation to tie all visible improvements to. This will include running a traverse along Johnson Street, N. 26th Avenue, and Arthur Street to tie down properties outside of the site in order to determine the property boundary for this project.

- A baseline will be established along the existing trail for the purpose of control and to provide benchmarks for future construction.
- Locations of all aboveground and visible improvements, including pavement, within 20 feet of the centerline of the existing paved trail.
- Location of utility improvements at the Southeast corner of the Skate Park
- Location of the existing top of bank and edge of water, when its within 20 feet of the existing trail.
- Existing trees, three (3) inches in diameter and above, at four (4) feet aboveground, shall be located and identified with diameter and common name within 20 feet of the centerline of the Trail.
- Elevations shall be taken at 100-foot cross-section intervals along the existing trail.
- The elevations shall be relative to the North American Vertical Datum of 1988 (NAVD88) and based on National Geodetic Survey (NGS) or Florida Department of Transportation benchmarks.
- The surveys shall be in the horizontal projection: State Plane, Florida East Zone, NAD 83(90), US Survey feet.
- Survey drawings shall be prepared in AutoCAD Civil 3D, Version 2019 or higher.
- Final deliverable shall be provided in hard copy, signed and sealed surveys. Surveys shall be prepared at 22" x 34" size.

Lump Sum.....\$25,260.00

Note: Approximate time of completion: Six-Eight (6-8) weeks, after receipt of Notice to Proceed (weather permitting).

II. ENGINEERING SERVICES

- 2.1 Final Civil Engineering Plans for Expanded Pathway (CTA Task No. 31025)
 Prepare final engineering plans for approximately 5,100 linear of exiting trail replacement. The existing trail is proposed to be replaced by a ten (10') foot wide trail for the entire length of the trail system. Plans will include details, cross sections, grading and pavement sections. Task will include slope stabilization along the C-10 canal including earth stabilization and standard revetment treatment, cost estimates at 60%, 90% and 100% submittal. Structural wall design is not included in this proposal.

Lump Sum.....\$34,860.00

- 2.2 Final Civil Engineering Plans for Dog Park Drainage System (CTA Task No. 31025)
 Prepare final engineering plans for drainage upgrades to the dog park within the park site. Plans will include details, grading, storm drain features, sections on proposed work and cost estimates at 60%, 90% and 100% submittal to alleviate the flooding within the dog park.

Lump Sum.....\$17,080.00

- 2.3 Final Electrical Engineering Plans (CTA Task No. 31052)
Design a pathway lighting system for 1,000ft of pathway utilizing a City selected pole and fixture. Includes design of conduit and conductor systems, design modification to existing lighting control system and design modification to existing electrical service point.
- The electrical system design shall be based on the City / County / NEC Standards.
 - Provide photometric lighting calculations (point-by-point) for new pole locations per City requirements and Illuminating Engineering Society (IES) recommendations.
 - All coordination meetings and site visits with CTA Design Team and City of Hollywood
- Lump Sum..... \$8,770.00*
- 2.4 Prepare and Process On-site Engineering Permit Applications (CTA Task No. 31080)
Prepare and process permit applications and supporting documents through appropriate state and local agencies including:
- Broward County Environmental Protection and Growth Management Department - Surface Water License and ERP
 - City of Hollywood
- City of Hollywood will provide all necessary permit fees required to secure permits from BCEP&GMD and Hollywood.
- Lump Sum..... \$6,800.00*
- 2.5 Contract Document Preparation, Bidding Assistance (CTA Task No. 31100)
Prepare Contract Documents, attend Pre-Bid Meetings, Prepare Addendums, answer RFI's, prepare Bid Analysis, etc.
- Lump Sum..... \$4,580.00*
- 2.6 Construction Administration Phase (CTA Task No. 34070)
Attend pre-construction meeting with City staff and the Contractor. Review and approve shop drawings. Perform periodic site reviews as required to determine if the work is being performed in a manner that conforms to the contract documents. Attend project meetings. Respond to contractor requests for information. It is anticipated that two (2) to three (3) site visits per week for 6 hours per week for a six (6) month time period will be required for a total of one hundred fifty-six (156) hours for a Senior Inspector and sixty (60) hours for a Construction Manager/Senior Engineer.
- Hourly, Not-to-Exceed..... \$27,440.00*

- 2.7 Project Final Certification (CTA Task No. 34071)
Coordinate and attend substantial and final walkthrough with contractor. Prepare and coordinate substantial and final punch list. Review as-built drawings prepared by the contractor. Provide certified record drawings and notice of substantial and final completion.

Lump Sum..... \$2,700.00

- 2.8 Geotechnical Engineering Services (To be performed by Tierra South Florida, Inc.)
(CTA Task No. 31006)
Geotechnical services to perform four (4) pavement cores and provide pavement core data, one (1) soil boring up to twelve (12') feet deep and one (1) usual open hole percolation test.

Lump Sum..... \$7,240.00

III. REIMBURSABLE EXPENSES

- 3.1 Reimbursable Expenses (CTA Task No. XPEN)
Reimbursable expenses shall include printing, mylars, copying, postage, photographic services, Federal Express and courier services.

Budget, Estimate..... \$500.00

IV. CONTINGENCY

- 4.1 Contingency
Contingency allowance shall be as directed by the City for additional services not identified within the Project Scope. Additional services may include but not limited to environmental permitting regarding modifications to the mangroves, structural design of retaining walls along the pathway/canal interface, structural door/gate at south end of skate park, etc. No work shall take place under this Task without authorization from the City.

Allowance\$25,000.00

SUMMARY OF FEES

**SUBTOTAL- SURVEYING, ENGINEERING, AND
CONSTRUCTION OBSERVATION SERVICES \$134,730.00**
SUBTOTAL REIMBURSABLES & CONTINGENCY..... \$25,500.00
TOTAL \$160,230.00

PROJECT SCHEDULE

Authorization to Proceed to Bid Advertisement 9 Months

SERVICES NOT INCLUDED

Additional services will be performed as authorized in writing by the Client.
Additional services include but are not limited to the following:

1. Environmental Permitting or Consulting Services.
2. Structural Engineering design, calculations, etc.
3. Water and Sewer Improvements/Calculations.
4. Site Planning and Processing
5. Landscape Architectural and Tree Removal permitting Services.
6. Utility locates and test holes (shall be provided by client if required).
7. Soil analysis and testing.
8. Material testing.
9. Services required by additional governmental regulations which might be put into effect after the date of this agreement.
10. Any additional services requested by Client.

Acceptance

This proposal and fee schedules are based on acceptance within 30 days of the date of preparation. If not accepted by you within that time period, we reserve the right to re-evaluate the terms and conditions contained herein.

The above will be subject to the terms and conditions as specified in the Contract Documents. If the proposed work and fees contained herein are agreeable with you, please provide a Purchase Order and a Notice to Proceed.

Should you have any questions regarding the above, please do not hesitate to call.

Sincerely,

CRAVEN THOMPSON & ASSOCIATES, INC.



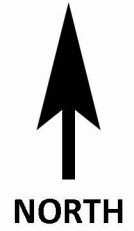
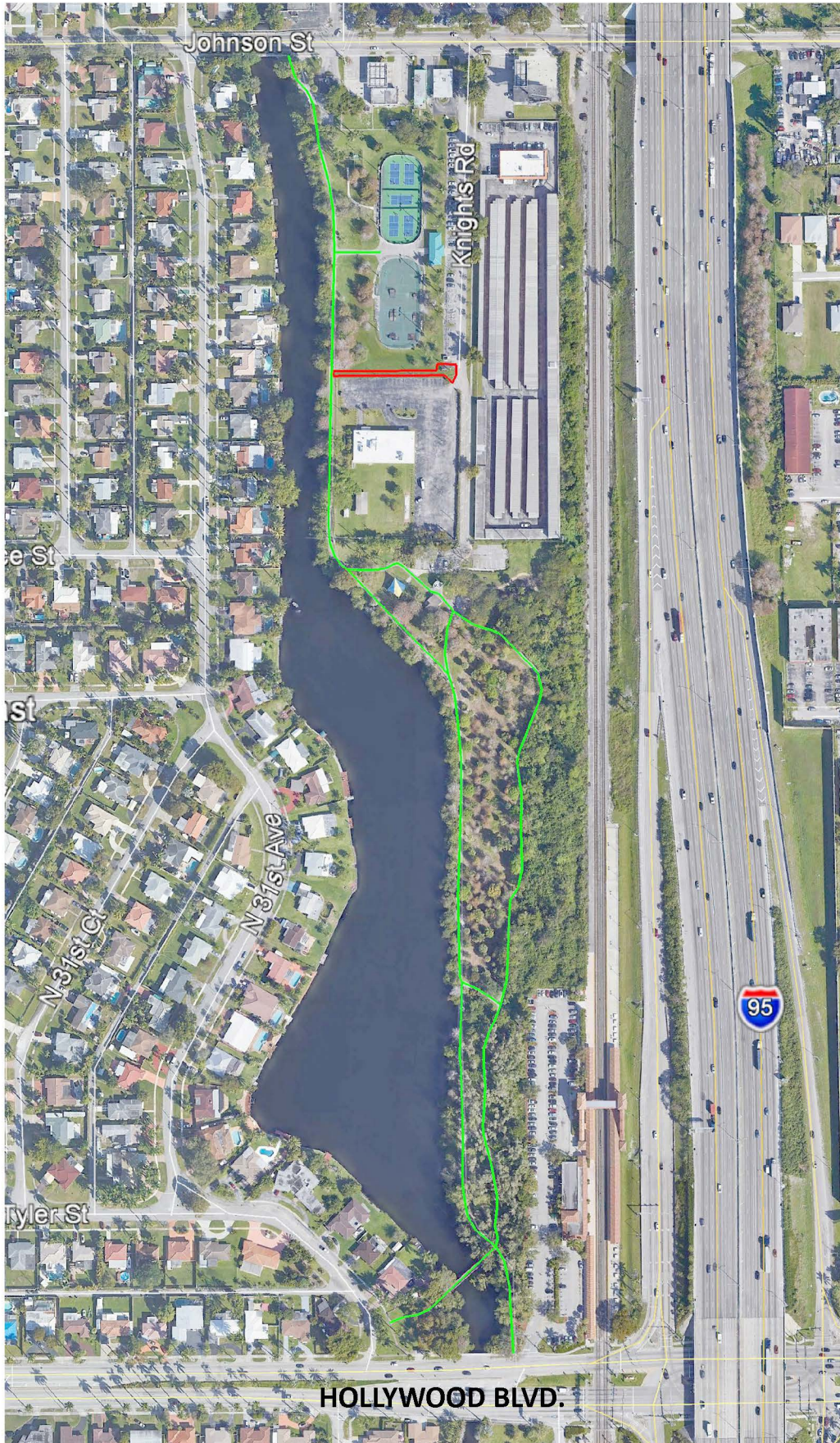
PATRICK J. GIBNEY, P.E.
Vice President, Engineering

PJG/tg

EXHIBIT D
STAFF TIME ESTIMATE

Personnel	Hourly Rate	Hours per Task											Totals	
		Task 1.1	Task 2.1	Task 2.2	Task 2.3	Task 2.4	Task 2.5	Task 2.6	Task 2.7	Task 2.8	Task 3.1	Task 4.1	Hours	Cost
Administration														
Principal	\$200.00												0	\$0.00
Administrative Assistant	\$75.00												0	\$0.00
Sub Total													0	\$0.00
Engineering														
Principal Engineer	\$200.00		4	4		2	2	2	4				18	\$3,600.00
Sr. Supervising Engineer	\$185.00		24	16	4	8	8	8	4	4			76	\$14,060.00
Senior Engineer	\$135.00		60	24		16	20	8					128	\$17,280.00
Project Engineer	\$115.00		88	48		24							160	\$18,400.00
Senior CADD Technician	\$95.00		120	48									168	\$15,960.00
													0	\$0.00
Sub Total													550	\$69,300.00
Construction														
Construction Manager	\$145.00							64	8				72	\$10,440.00
Senior Field Representative	\$95.00							160					160	\$15,200.00
Field Representative	\$85.00												0	\$0.00
Sub Total													232	\$25,640.00
Surveying														
Principal Surveyor	\$165.00	4											4	\$660.00
Professional Land Surveyor	\$125.00	40											40	\$5,000.00
Land Surveyor	\$115.00	80											80	\$9,200.00
Senior CADD Technician	\$85.00												0	\$0.00
Survey Laserscan Crew	\$260.00	0											0	\$0.00
Survey Crew	\$130.00	80											80	\$10,400.00
Sub Total													204	\$25,260.00
Landscape Arch/ Planning														
Principal LA Planner	\$165.00												0	\$0.00
Sr. Project LA Planner	\$135.00												0	\$0.00
Project LA Planner	\$125.00												0	\$0.00
Senior CADD Technician	\$95.00												0	\$0.00
													0	\$0.00
Sub Total													0	\$0
Cost per Task		\$25,260.00	\$34,860.00	\$17,080.00	\$740.00	\$6,800.00	\$4,580.00	\$27,440.00	\$2,700.00	\$740.00	\$0.00	\$0.00		\$120,200.00
Budget per Task		\$25,260.00	\$34,860.00	\$17,080.00	\$740.00	\$6,800.00	\$4,580.00	\$27,440.00	\$2,700.00	\$740.00	\$0.00	\$0.00		\$120,200.00
Subconsultants														
Electrical Engineering - Quantum					\$8,030.00									\$8,030.00
Structural Engineering - MUE														\$0.00
Geotechnical Engineering - Tierra SF										\$6,500.00				\$6,500.00
Subconsultants Sub Total		\$0.00	\$0.00	\$0.00	\$8,030.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,500.00	\$0.00	\$0.00		\$14,530.00
Total		\$25,260.00	\$34,860.00	\$17,080.00	\$8,770.00	\$6,800.00	\$4,580.00	\$27,440.00	\$2,700.00	\$7,240.00	\$0.00	\$0.00		
Direct Expenses											\$500.00	\$0.00		\$500.00
Contingency												\$25,000.00		\$25,000.00
Grand Total		\$25,260.00	\$34,860.00	\$17,080.00	\$8,770.00	\$6,800.00	\$4,580.00	\$27,440.00	\$2,700.00	\$7,240.00	\$500.00	\$25,000.00		\$160,230.00

EXHIBIT 'A'
TRAIL TOPOGRAPHIC SURVEY
CITY OF HOLLYWOOD, PORTION OF SECTION 17-51-42



NORTH

 **TRAIL (5100 Ft)**

 **Additional
Survey Area**

CRAVEN THOMPSON & ASSOC., INC.
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