



April 14, 2026

City of Doral  
8401 NW 53 Terrace  
Doral, Florida 33166

**Attention: Darlin Perez, Chief of Engineering**

**Reference: Proposed Roundabout at NW 112<sup>th</sup> Ave and NW 82<sup>nd</sup> Street**

Dear Ms. Perez,

We are pleased to present this proposal for professional engineering services for your consideration.

**Scope of Project:**

The City of Doral would like to install a new roundabout at the location of NW 112<sup>th</sup> Ave and NW 82<sup>nd</sup> Street. A traffic study was carried out by Stantec Consulting and recommendations were made to provide a new roundabout at the intersection. Per Miami-Dade's recommendation, a roundabout is proposed as a long-term improvement.

**Design Phase**

Our scope of services is to use the recommendations given in the Traffic Study report prepared by Stantec Consulting and provide plans for permitting them to Miami-Dade County.

Scope of Engineering Services will be as follows:

**1 Survey & Data Collection**

- Topographic and boundary survey from our sub-consultant (See attached proposal)
- Send letter to utilities for as built
- No new drainage is expected, Stantec will provide grading elevation drainage runoff to the system.

**2 Queue Analysis (synchro)**

- Traffic Data Collection (Quality Counts/Subconsultant): AM and PM peak period turning movement counts (4 hours total; 2 hours per period) at the intersection of NW 114<sup>th</sup> Avenue and NW 82<sup>nd</sup> Street



- Intersection Traffic Analysis (Stantec):
  - Summarize traffic data collection at the study intersection of NW 114th Avenue and NW 82nd Street and repurpose recent data from NW 112th Avenue and NW 82nd Street (based on previously completed traffic engineering study)
  - Review existing conditions of the intersection of NW 114th Avenue and NW 82nd Street
  - Download and assess traffic signal timing data
  - Perform traffic operational analysis of the study intersections with two scenarios: existing and existing with improvements
  - Identify potential operational and queuing concerns between intersections

Prepare memorandum documenting analysis and submit to Miami Dade County as part of review.

### **3 Preliminary Design**

- Conceptual geometric layout
- Vehicle turning path modeling (including trucks and emergency vehicles)
- Preliminary grading plans.
- Preliminary Signing and pavement marking plans
- City review and coordination.

### **4 Final Design**

- Final roadway geometry and grading plans
- Signing and pavement marking plans
- Opinion of probable construction cost

### **5 Permitting Assistance Phase**

Our services include assistance and coordination to have the plans reviewed and approved by Miami-Dade Public Works Department and Miami Dade Traffic and signals and signs division. Comments will be addressed and re-submitted if necessary. Permit and review fees are not included in this proposal.

Permit/review fees will be paid by the City of Doral.

#### **Bid Phase**

Not included in this proposal.

#### **Construction Assistance Phase**

Not included in this proposal.



**Exclusions and Assumptions:**

- Geotechnical services
- Drainage design
- Irrigation
- Permit/review fees
- Lighting
- Geotechnical services
- Landscaping.
- Tree permit.
- MOT plans
- Town will be responsible for coordinating and including any funding requirements including bid advertisements.
- Structural engineering or analysis.

**Terms and Conditions:**

All terms and conditions shall be per our “Professional Engineering Services” contract dated June 3, 2024, in accordance with RFQ #2023-08. Fees for the defined scope in this proposal will be based on Time and Material calculation methodology and will be invoiced to the full value of the work order fee. If required, any additional services may be billed as a time and material effort based on contract rates in effect at the time of the change. See attached manhour breakdown.

<b>Survey.....</b>	<b>\$12,601.26</b>
<b>Traffic Counts.....</b>	<b>\$520.00</b>
<b>Data Collection and Queue Analysis.....</b>	<b>\$9,477.00</b>
<b>Preliminary Design.....</b>	<b>\$29,079.65</b>
<b>Final Design.....</b>	<b>\$15,810.35</b>
<b>Permitting Assistance Phase.....</b>	<b>\$9,281.10</b>

**TOTAL: \$76,769.36**

We are ready to begin working on this assignment upon your authorization to proceed. If acceptable to you, we will accept a signed copy of this form as your written authorization to proceed.

Thank you,

**Stantec Consulting Services Inc.**

Carlos M Herdocia, P.E., LEED AP  
Senior Associate  
Tel: 305-445-2900  
carlos.herdocia@stantec.com



April 14, 2026  
Darlin Perez, Chief of Engineering  
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City of Doral

Approved by:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Date



# FEE ESTIMATE - NW 112 Ave & NW 82 St Roundabout

	Project Manager	Project Engineer	Engineering Technician	Longitude Survey	Quality Counts
<b>Project Billing Rate (T&amp;M)</b>	\$257.80	\$199.85	\$142.40	\$1.00	\$1.00
<b>Total Units (T&amp;M)</b>	50	130	174	12,601.26	520
<b>Fee (T&amp;M)</b>	\$12,890.00	\$25,980.50	\$24,777.60	\$12,601.26	\$520.00

Project Summary	Hours	Labour	Expense	Subs	Total
<b>Fixed Fee</b>	0	\$0.00	\$0.00	\$0.00	\$0.00
<b>Time &amp; Material</b>	354	\$63,648.10	\$0.00	\$13,121.26	\$76,769.36
<b>Total</b>	354	\$63,648.10	\$0.00	\$13,121.26	\$76,769.36

Task Code	Task Name					
<b>200</b>	<b>Data Collection</b>					
200.01	Queue Analysis (synchro)	8	12	20		
200.03	As-buits coordination		8	4		
<b>300</b>	<b>Preliminary Design</b>					
300.01	Conceptual geometry layout	5	20	40		
300.02	Vehicle turning path modeling	2	8	15		
300.03	Preliminary grading plans	8	8	15		
300.04	Preliminary signing and pavement markings plans	5	15	20		
300.05	City Review and comments	2	2			
<b>400</b>	<b>Final Design</b>					
400.01	Final roadway geomety and grading plans	4	12	20		
400.02	Final signing and Pavement marking plans	4	15	20		
400.03	Opinion of probable construction cost	1	12			
<b>500</b>	<b>Permitting</b>					
500.01	Permit submittal to Miami Dade PW	1	2			
500.02	Address Agency comments, Plans review (2 Revisions)	8	12	20		
500.03	Resubmittal to PW	2	4			
<b>600</b>	<b>Survey</b>					
600.01	Survey			12,601.26		
<b>700</b>	<b>Traffic counts</b>					
700.01	Traffic counts				520	

Task Type	Hours	Labour	Expense	Subs	Total
<b>Time &amp; Material</b>	<b>52</b>	<b>\$9,477.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$9,477.00</b>
Time & Material	40	\$7,308.60	\$0.00	\$0.00	\$7,308.60
Time & Material	12	\$2,168.40	\$0.00	\$0.00	\$2,168.40
<b>Time &amp; Material</b>	<b>165</b>	<b>\$29,079.65</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$29,079.65</b>
Time & Material	65	\$10,982.00	\$0.00	\$0.00	\$10,982.00
Time & Material	25	\$4,250.40	\$0.00	\$0.00	\$4,250.40
Time & Material	31	\$5,797.20	\$0.00	\$0.00	\$5,797.20
Time & Material	40	\$7,134.75	\$0.00	\$0.00	\$7,134.75
Time & Material	4	\$915.30	\$0.00	\$0.00	\$915.30
<b>Time &amp; Material</b>	<b>88</b>	<b>\$15,810.35</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$15,810.35</b>
Time & Material	36	\$6,277.40	\$0.00	\$0.00	\$6,277.40
Time & Material	39	\$6,876.95	\$0.00	\$0.00	\$6,876.95
Time & Material	13	\$2,656.00	\$0.00	\$0.00	\$2,656.00
<b>Time &amp; Material</b>	<b>49</b>	<b>\$9,281.10</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$9,281.10</b>
Time & Material	3	\$657.50	\$0.00	\$0.00	\$657.50
Time & Material	40	\$7,308.60	\$0.00	\$0.00	\$7,308.60
Time & Material	6	\$1,315.00	\$0.00	\$0.00	\$1,315.00
<b>Time &amp; Material</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$12,601.26</b>	<b>\$12,601.26</b>
Time & Material	0	\$0.00	\$0.00	\$12,601.26	\$12,601.26
<b>Time &amp; Material</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$520.00</b>	<b>\$520.00</b>
Time & Material	0	\$0.00	\$0.00	\$520.00	\$520.00

# NW 112th Ave & NW 82nd St.

Proposed Roundabout

Legend



Google Earth



300 ft



901 Ponce de Leon Boulevard, Suite 900  
Coral Gables, Florida 33134

**PROJECTED SCHEDULE OF WORK**

**NNW 112 Ave and NW 82 Roundabout**

**City of Doral, Florida**

<b>SCHEDULE OF WORK</b>				
<b>Task or Activity ID#</b>	<b>Task Name and/or Activity Description</b>	<b>Duration (specify weeks, calendar or working days)</b>	<b>Projected Start Date</b>	<b>Projected Finish Date*</b>
1.0	NTP		5/1/2026	5/1/2026
2.0	Survey & Data Collection	4 Week	5/1/2026	5/29/2026
2.0	Queue Analysis (synchro)	4 Weeks	6/1/2026	6/29/2026
3.0	Preliminary Design	6 Weeks	6/26/2026	8/10/2026
4.0	City submittal	1 Weeks	8/10/2026	8/17/2026
5.0	Final Design	6 Weeks	8/17/2026	9/28/2026
6.0	City submittal	1 Weeks	9/28/2026	10/02/2026
7.0	MDCTD Permitting	8 Weeks	10/02/2026	11/27/2026

Revision History



Monday, April 13, 2026

Mr. Carlos M. Herdocia, P.E. LEED AP

Senior Associate | Project Manager

[carlos.herdocia@stantec.com](mailto:carlos.herdocia@stantec.com)

**Stantec**

901 Ponce De Leon Boulevard, Suite 900

Coral Gables

786.502.0701

**RE:** Surveying and Mapping services for the intersection of Northwest 82 Street and Northwest 112 Avenue located within the City of Doral, FL 33178.

Dear Mr. Herdocia,

According to your request regarding a fee estimate for Surveying and Mapping services for the above-referenced project, LONGITUDE SURVEYORS, LLC (LS) is pleased to submit the following proposal for your consideration.

**A. SCOPE OF WORK – TOPOGRAPHIC SURVEY:**

1. LS will present rights-of-way computing field evidence, plats, deeds, and other relevant documentation related to the project. Lot lines and ownership lines, including locations, bearings, and dimensions, within the survey limits will be shown graphically.
2. LS will display any easements, covenants, restrictions, and other relevant information found on plats, deeds, and other public records related to the project. However, without a Title Commitment or Title Search, there is no guarantee that easements, covenants, restrictions, etc., will be shown on the survey.
3. LS will establish horizontal and vertical control within the limits of the survey.
4. The survey will be geo-referenced to the Florida State Plane Coordinate System based on the North American Datum of 1983 (NAD83), 2011 adjustment. Elevations will be referenced to the National Geodetic Vertical Datum of 1929 (NGVD29).
5. LS will collect significant aboveground improvements, including, but not limited to, pavement, edge of pavement lines, driveways, curb and gutters, sidewalks, medians, fences and gates, walls, buildings, concrete slabs, ramps, signs, manholes, catch basins, utility boxes, utility poles, and any other significant aboveground improvements and utilities within the survey limits.
6. LS will locate trees and palms that have a three (3) inch diameter or greater at breast height (DBH) or are twelve (12) feet in height or more significant, to include the following for each: scientific name, common name, diameter at breast height (DBH), height of tree, and canopy. A Tree Table will be provided.
7. Elevations equivalent to a twenty-five (25) foot grid will be collected throughout the survey limits. Additional elevations will be collected to identify grade changes and features of interest within the survey limits.
8. LS will collect existing drainage and sanitary structures, including rim elevation, structure bottom elevation, pipe size, pipe material, pipe direction, direction of water flow, and invert elevations. *Please Note: LS requests that the Client contact the corresponding city/department where the survey will be performed to ensure the structures are cleaned correctly. Alternatively, the Client may provide a contact for the city/department so that LS can reach out directly to arrange for the cleaning before the commencement of any work.*
9. A Digital Terrain Model (DTM) of the resulting survey **will** be provided.

**B. SURVEY LIMITS:**

Limits to span the entire width of the public right-of-way, as per the attached Exhibit.

**C. DELIVERABLES:**

LS will provide a digitally signed and sealed PDF and a Civil 3D CAD file of the resulting survey. Signed and sealed hard copies can be provided upon request.

**D. TIME & COST:**

The total professional fee to complete the **Scope of Work** described herein shall be a lump sum of **\$12,601.26**. LS has an estimated sixteen (16) business days from the date of the Notice to Proceed (NTP) to complete these tasks. Notice to Proceed (NTP) is considered effective twenty-four (24) hours after this proposal agreement has been executed and returned to the undersigned.

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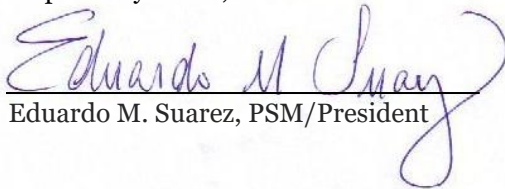
I agree that by signing below, "I APPROVE AND ACCEPT," this proposal is a legally binding contract.

By: \_\_\_\_\_ Date: \_\_\_\_\_  
(Authorized Signature)

\_\_\_\_\_  
(Typed or printed name) Title: \_\_\_\_\_

On behalf of the firm, I thank you for the opportunity to present this proposal. We look forward to utilizing our best professional efforts on your behalf on this very important project.

Respectfully Yours,

  
Eduardo M. Suarez, PSM/President


**LONGITUDE SURVEYORS**


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**Client Information:** City of Doral  
Stantec

**Estimate Prepared By:** Giovanni Cueto

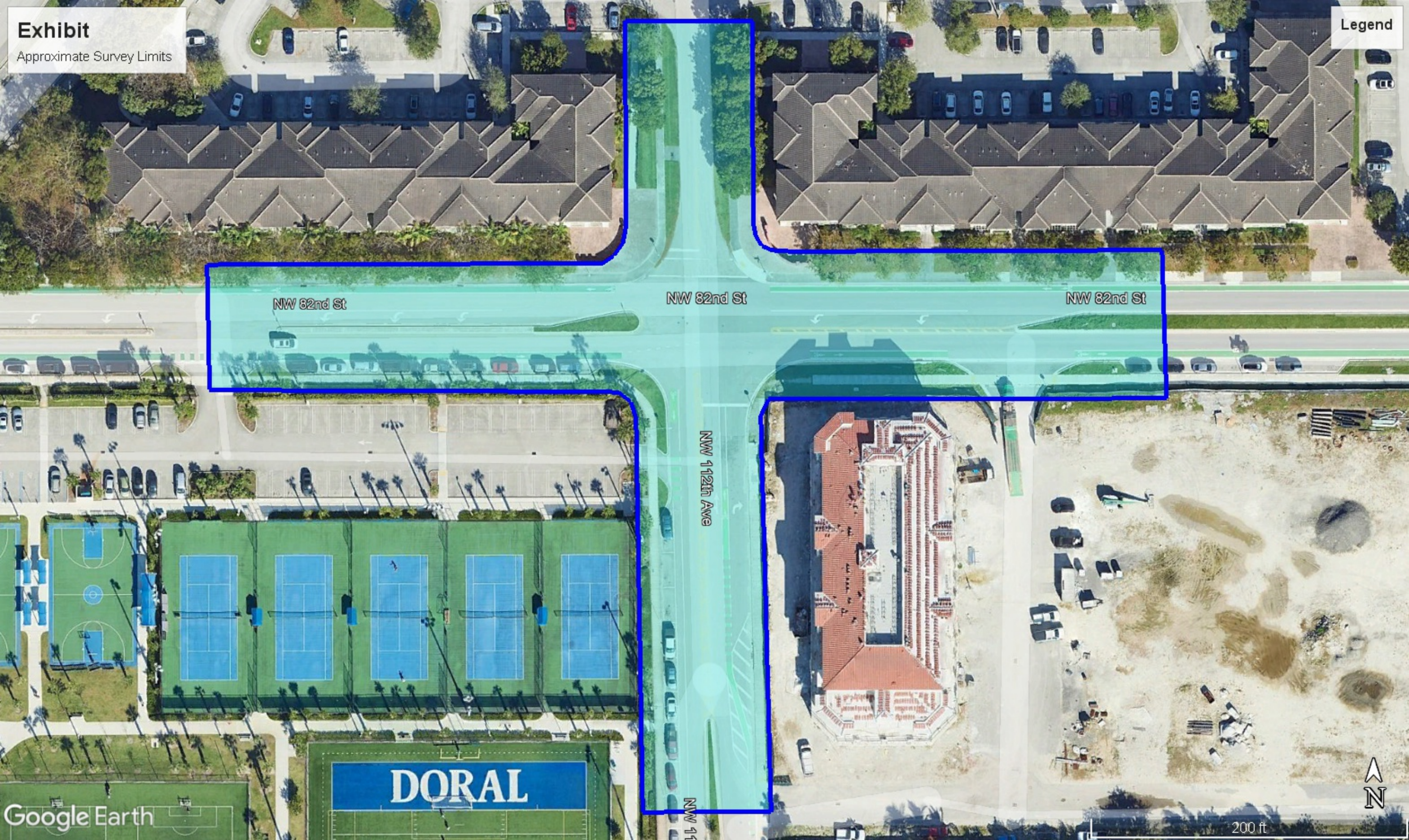
**Project:** NW 112th Avenue & NW 82nd Street - Survey Request

Job Description	Position	Rate/Hour	Hours	Total Cost
<b>Overall Management</b>	Senior Surveyor & Mapper	\$202.62	3	\$607.86
<b>Prepare Job</b>	Survey and Mapper	\$165.92	6	\$995.52
<b>Horizontal and Vertical Control</b>	Survey Field Crew (8HR Day)	\$1,697.22	1.5	\$2,545.83
<b>Horizontal and Vertical Control Process</b>	Survey Technician	\$116.24	4	\$464.96
<b>Topographic Survey</b>	Survey Field Crew (8HR Day)	\$1,697.22	2.5	\$4,243.05
<b>Topographic Survey Process</b>	Survey Technician	\$116.24	2.5	\$290.60
<b>Topographic Survey Drafting</b>	Survey Technician	\$116.24	16	\$1,859.84
<b>QA/QC</b>	Survey and Mapper	\$165.92	4	\$663.68
<b>QA/QC Edits/Drafting</b>	Survey Technician	\$116.24	8	\$929.92
			Total	\$12,601.26

**Exhibit**

Approximate Survey Limits

**Legend**



NW 82nd St

NW 82nd St

NW 82nd St

NW 112th Ave

**DORAL**



# ESTIMATE



FLA:FL

BILL TO : Stantec  
901 Ponce de Leon Blvd, Ste 900  
Coral Gables, FL 33134  
(615) 829-5455

CLIENT PROJECT # : TBD

ESTIMATE DATE : 2/11/2026

ORDER DATE : 2/10/2026

ORDER No	PROJECT NAME	PAYMENT TERMS	ORDER BY
174570	Doral - NW 114th Ave and NW 82nd St	PWP	Christopher Benitez

QTY	DESCRIPTION	RATE	TOTAL
<b>2</b>	<b>Large-Turn Count</b>	\$260.00	\$520.00
	1 Location(s) for time period(s): 7:00 AM -- 9:00 AM-(Midweek) - 2 Hrs.		
	-NW 82nd St--NW 112th Ct, Doral, FL		
	1 Location(s) for time period(s): 4:00 PM -- 6:00 PM-(Midweek) - 2 Hrs.		
	-NW 82nd St--NW 112th Ct, Doral, FL		
		<b>TOTAL</b>	<b>\$520.00</b>

Balances unpaid by end of Payment term (listed above) will be charged 1.5% interest per month

Quality Counts  
P.O. Box 104675  
Pasadena, CA 91189-4675