

January 23, 2019

Via e-mail: dschryver@ircgov.com

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County Surveyor, Engineering Division
Indian River County
1801 27th Street (Building A)
Vero Beach, FL. 32960
(772) 226-1386

EXHIBIT A

RE: 101st Avenue, Vero Lakes Estates

Thank you very much for your request.

In accordance with your request CivilSurv Design Group, Inc. is pleased to provide a proposal for a Topographic Survey for the Right-of-Way of 101st Avenue and the intersecting streets from C.R. 512, south to 87th Street.

The Topographic Survey shall adhere to the Standards of Practice as set forth by the Board of Surveyors and Mappers pursuant to Rule 5J-17 of the Florida Administrative Code.

The Topographic Survey shall depict the following:

Horizontal datum shall be based on the East Zone of the Florida State Plane Coordinate System.

- 1) Have 2 vertical control points per block for future construction. Vertical datum will be dependent on nearest vertical control to project.
- 2) Spot elevations at 50' intervals including intermediate highs and lows, ditches, Etc.
- 3) Spot elevations utilizing a 50' grid.
- 4) All above ground improvements and Underground Utilities as marked by a Utility Locating Service.
- 5) Prepare the Survey in AutoCAD Civil 3D Version 2013 or newer with 1' contours.
- 6) Cross Section the ditches at 93rd Street and 89th Street with 50' Sections, 200' East and West of 101st Avenue Right-of-Way.
- 7) Obtain centerline of ditch elevations along the rear of the lots adjacent to 101st Avenue at 100' intervals more or less.
- 8) Total linear feet of the project consist of 5,200'+- along 101st Ave., 8 intersections extending 200' East and 200' West, 2,400'+- and 10,400' of adjacent ditches.

The Topographic Survey will include the entire Right-of-Way plus 10' beyond of 101st Avenue from the North Right-of-Way line of C.R. 512 South to 50' south of 87th Street. The survey of the eight (8) intersections shall extend outwards approximately 200' East and West of the Right-of-way of 101st Avenue.

I anticipate the following man hour utilization;

60 Hours 3 Person Survey crew (\$150.00) \$9,000.00

44 Hours 2 Person Survey Crew (\$120.00) \$5,280.00

40 Hours Survey Tech. (\$115.00) \$4,600.00

20 Hours P.S.M. (\$175.00) \$3,500.00

3 Hours Director (\$190.00) \$570.00

The Lump sum fee for Topographic Survey is \$22,950.00

Deliverables will include four (4) original signed and sealed drawings of the Topographic Survey as well as a PDF file and AutoCAD digital file.

Please feel free to contact me anytime if you have any questions. I anticipate this project to take six weeks to complete.

Sincerely,
CivilSurv Design Group, Inc.

Accepted:


Scott Worack
Director of Surveying and Mapping
E-mail: sworack@civilsurv.com

Name:
Date:

