

TO: ALL COUNTY PERSONNEL

**FROM: VERDENIA C. BAKER
COUNTY ADMINISTRATOR**

PREPARED BY: ENGINEERING & PUBLIC WORKS

**SUBJECT: STATE PLANE COORDINATE REQUIREMENTS FOR SURVEYS/
LEGAL DESCRIPTIONS AND SKETCHES FOR PALM BEACH
COUNTY**

PPM #: CW-O-058

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<u>ISSUE DATE</u>	<u>EFFECTIVE DATE</u>
March 1, 2018	March 1, 2018

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PURPOSE:

To build an accurate, uniform foundation for the Countywide G.I.S. and to implement standards for geographic positional information generated by user agencies.

UPDATES:

Future updates to this PPM are the responsibility of the Director of Engineering/Roadway Production Division.

AUTHORITY:

- Florida Administrative Code Rule 5J-17.050-.052, as may be amended.
- Florida Statutes 177.151, as may be amended.

POLICY:


All legal descriptions, sketches and surveys, as defined by Florida Administrative Code Rule 5J-17.050-.052, which are horizontal in nature, that are provided to, requested by or conducted by any County Department, shall conform to the Florida State Plane Coordinate System, as defined in Chapter 177.151 Florida Statutes. Geographic positional information generated by all user Agencies will be in a format prescribed by the manager of the County Survey Section.

PROCEDURES:

All surveys and legal descriptions and sketches, as defined by Florida's Administrative Code Rule 5J-17.050-.052, which are horizontal in nature, shall conform to the Florida State Plane

Coordinate System, as defined in Chapter 177.151, Florida Statutes in the following manner or in a manner as directed by the manager of the County Survey Section:

- 1) State plane coordinates shall be shown on two different survey control points located on opposite sides or opposite ends of the survey. Sketch shall show coordinates on a pair of network coordinated control points and be used as the bearing basis;
- 2) The orientation of the legal description, sketch and survey shall be on the grid bearing system, being derived from the state plane coordinates shown thereon;
- 3) All points shown on the survey, which comprise the overall geometry of the survey shall maintain a minimum positional reliability of 1:10,000 feet relative to the nearest geodetic control station (which would include the state plane coordinated section and quarter section corners);
- 4) A single direct line tie from the survey to the network control stations that were used to locate the survey shall be shown. Sketch shall also show sufficient ties to the network control;
- 5) Distances shall be shown and noted as being ground distances; and
- 6) The appropriate notes and scale factor(s) that were used shall be shown clearly on one sheet of the legal description, sketch and survey.


VERDENIA C. BAKER
COUNTY ADMINISTRATOR

Supersession History:

PPM# CW-O-058, dated 12/1/94

PPM# CW-O-058, dated 06/1/07

PPM# CW-O-058, dated 04/27/12