


## FPRN Datasheet

Site Name:	Arcadia	 <p><b>FDOT</b> Florida Permanent Reference Network</p>
Site Code:	RCDA	
RTCM Code:	0111	
Receiver Type:	LEICA GR30	
Serial Number:	1702558	
Firmware:	4.30	
Antenna Type:	LEIAR20      NONE	
Serial Number:	16330018	
Satellite Systems:	G/R/E/-/-	

### NAVD 88 Orthometric Height

<b>Leveled</b>	<b>Geoid 18*</b>	<b>FPRN18**</b>
12.480 M	12.460 M	12.457 M

### NAD 83 (2011) epoch 2010.000 Current Broadcast Datum of FPRN

After 1/6/2020

Geodetic Position*	
Latitude	27°13'13.77967" N
E Longitude	278°07'33.10204" E
W Longitude	81°52'26.89796" W
Ellipsoid Height	-12.049 M
Cartesian Coordinates*	
X = 802255.249 M	
Y = -5618757.179 M	
Z = 2899957.681 M	

State Plane Coordinates*	
Zone: FL W	
N: 319840.812 M	
E: 212467.202 M	
UTM Coordinates*	
Zone: 17	
N: 3011159.453 M	
E: 413440.030 M	

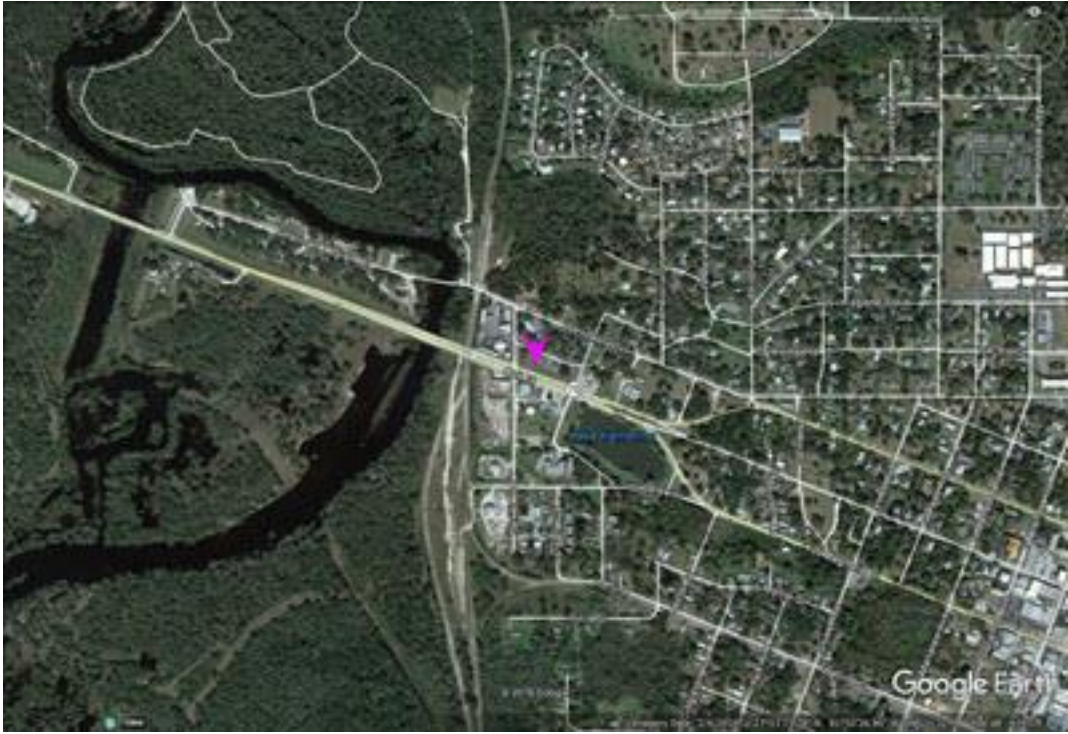
### ITRF 2014 epoch 2019.837

After 1/6/2020

Geodetic Position*	
Latitude	27° 13' 13.79958" N
E Longitude	278° 07' 33.08039" E
W Longitude	81° 52' 26.91961" W
Ellipsoid Height	-13.617 M
Cartesian Coordinates*	
X = 802254.423 M	
Y = -5618755.605 M	
Z = 2899957.508 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 3011160.070 M	
E: 413439.438 M	

FPRN Datasheet  
For  
Arcadia (RCDA)



\* Positions and Coordinates were calculated using OPUS Projects software published by National Geodetic Survey (NGS).  
\*\* FPRN18 Orthometric Heights were calculated using Infinity software published by Leica Geosystems.



### NAD 83 (2011) epoch 2010.000

After 9/6/2019

Geodetic Position*	
Latitude	27° 13' 13.77935" N
W Longitude	81° 52' 26.89757" W
Ellipsoid Height	-12.060 M
Cartesian Coordinates*	
X = 802255.259 M	
Y = -5618757.172 M	
Z = 2899957.667 M	

State Plane Coordinates*									
Zone: FL W									
N: 319840.802 M									
E: 212467.213 M		UTM Coordinates*		Zone: 17		N: 3011159.443 M		E: 413440.040 M	
UTM Coordinates*									
Zone: 17									
N: 3011159.443 M									
E: 413440.040 M									

### ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	27° 13' 13.79950" N
E Longitude	278° 7' 33.08064" E
W Longitude	81° 52' 26.91936" W
Ellipsoid Height	-13.620 M
Cartesian Coordinates*	
X = 802254.429 M	
Y = -5618755.603 M	
Z = 2899957.505 M	

State Plane Coordinates*																									
Zone: -																									
N: - M																									
E: - M		UTM Coordinates*		Zone: -		N: - M		E: - M		UTM Coordinates*		Zone: -		N: - M		E: - M		UTM Coordinates*		Zone: 17		N: 3011160.067 M		E: 413439.445 M	
UTM Coordinates*																									
Zone: -																									
N: - M																									
E: - M		UTM Coordinates*		Zone: -		N: - M		E: - M		UTM Coordinates*		Zone: 17		N: 3011160.067 M		E: 413439.445 M									
UTM Coordinates*																									
Zone: -																									
N: - M																									
E: - M		UTM Coordinates*		Zone: 17		N: 3011160.067 M		E: 413439.445 M																	
UTM Coordinates*																									
Zone: 17																									
N: 3011160.067 M																									
E: 413439.445 M																									

### NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	27° 13' 13.77946" N
W. Longitude	81° 52' 26.89795" W
Ellipsoid Height	-12.043 M
Cartesian Coordinates*	
X = 802255.251 M	
Y = -5618757.187 M	
Z = 2899957.678 M	

State Plane Coordinates*									
Zone: FL W									
N: 319840.805 M									
E: 212467.202 M		UTM Coordinates*		Zone: 17		N: 3011159.446 M		E: 413440.030 M	
UTM Coordinates*									
Zone: 17									
N: 3011159.446 M									
E: 413440.030 M									



### NAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	27° 13' 13.77946" N
W. Longitude	81° 52' 26.89795" W
Ellipsoid Height	-12.043 M
Cartesian Coordinates*	
X = 802255.251 M	
Y = -5618757.187 M	
Z = 2899957.678 M	

State Plane Coordinates*	
Zone: FL W	
N: 319840.805 M	
E: 212467.202 M	
UTM Coordinates*	
Zone: 17	
N: 3011159.446 M	
E: 413440.030 M	

### NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	27° 13' 13.77928" N
W. Longitude	81° 52' 26.89818" W
Ellipsoid Height	-12.043 M
Cartesian Coordinates*	
X = 802255.245 M	
Y = -5618757.190 M	
Z = 2899957.673 M	

State Plane Coordinates*	
Zone: FL W	
N: 319840.800 M	
E: 212467.196 M	
UTM Coordinates*	
Zone: 17	
N: 3011159.441 M	
E: 413440.023 M	

### NAD 83 (CORS96)

Prior to 8/2/2014

Geodetic Position*	
Latitude	27° 13' 13.77962" N
W. Longitude	81° 52' 26.89860" W
Ellipsoid Height	-12.050 M
Cartesian Coordinates*	
X = 802255.232 M	
Y = -5618757.181 M	
Z = 2899957.679 M	

State Plane Coordinates*	
Zone: FL W	
N: 319840.810 M	
E: 212467.184 M	
UTM Coordinates*	
Zone: 17	
N: 3011159.451 M	
E: 413440.012 M	