


FPRN Datasheet

Site Name:	Grand Ridge	 <p>FDOT Florida Permanent Reference Network</p>
Site Code:	SNED	
RTCM Code:	0311	
Receiver Type:	LEICA GR30	
Serial Number:	1702036	
Firmware:	4.30	
Antenna Type:	LEIAR20 NONE	
Serial Number:	16268019	
Satellite Systems:	G/R/E/-/-	

NAVD 88 Orthometric Height

Leveled	Geoid 18*	FPRN18**
- M	54.166 M	54.126 M

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

After 1/6/2020

Geodetic Position*	
Latitude	30°38'17.97799" N
E Longitude	275°00'50.42870" E
W Longitude	84°59'09.57130" W
Ellipsoid Height	25.832 M
Cartesian Coordinates*	
X = 480045.560 M	
Y = -5471538.395 M	
Z = 3231471.596 M	

State Plane Coordinates*	
Zone: FL N	
N: 181707.043 M	
E: 553412.415 M	
UTM Coordinates*	
Zone: 16	
N: 3391249.828 M	
E: 693010.473 M	

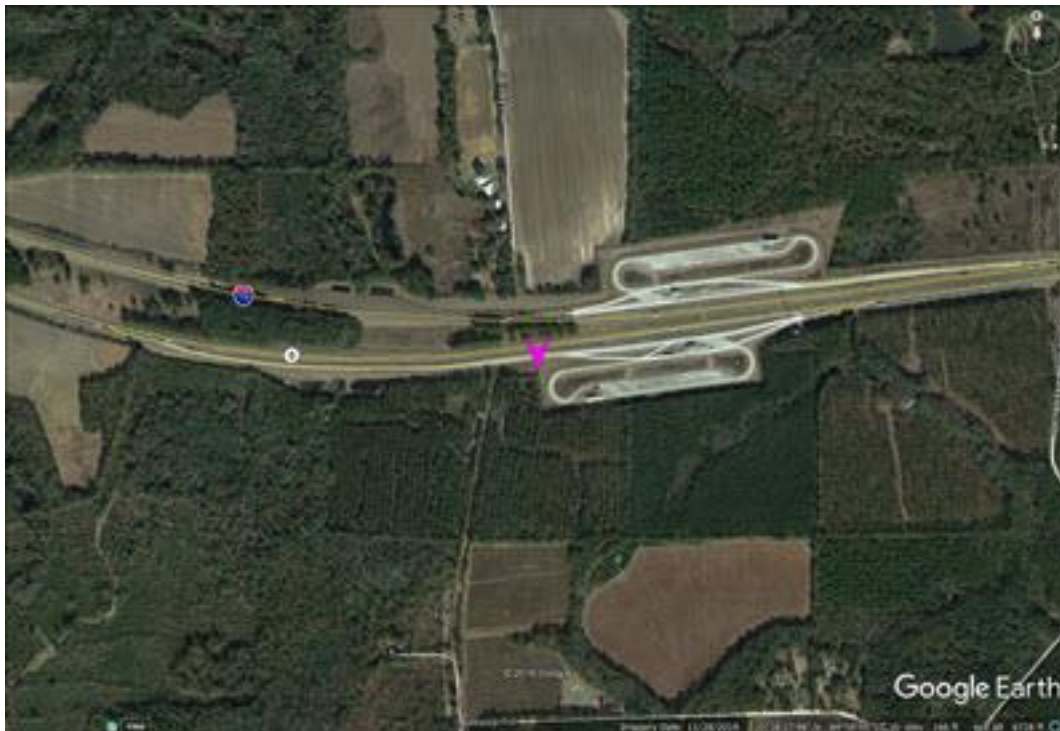
ITRF 2014 epoch 2019.837

After 1/6/2020

Geodetic Position*	
Latitude	30° 38' 17.99974" N
E Longitude	275° 00' 50.40215" E
W Longitude	84° 59' 09.59785" W
Ellipsoid Height	24.395 M
Cartesian Coordinates*	
X = 480044.718 M	
Y = -5471536.885 M	
Z = 3231471.440 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 16	
N: 3391250.485 M	
E: 693009.755 M	

FPRN Datasheet
For
Grand Ridge (SNED)



* 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	30° 38' 17.97782" N
W Longitude	84° 59' 09.57103" W
Ellipsoid Height	25.865 M
Cartesian Coordinates*	
X = 480045.570 M	
Y = -5471538.425 M	
Z = 3231471.608 M	

State Plane Coordinates*									
Zone: FL N									
N: 181707.038 M									
E: 553412.422 M		UTM Coordinates*		Zone: 16		N: 3391249.823 M		E: 693010.481 M	
UTM Coordinates*									
Zone: 16									
N: 3391249.823 M									
E: 693010.481 M									

ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	30° 38' 17.99961" N
E Longitude	275° 0' 50.40215" E
W Longitude	84° 59' 09.59785" W
Ellipsoid Height	24.430 M
Cartesian Coordinates*	
X = 480044.721 M	
Y = -5471536.917 M	
Z = 3231471.454 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: 16		N: 3391250.481 M		E: 693009.755 M	
UTM Coordinates*																									
Zone: -																									
N: - M																									
E: - M		UTM Coordinates*		Zone: -		N: - M		E: - M		UTM Coordinates*		Zone: 16		N: 3391250.481 M		E: 693009.755 M									
UTM Coordinates*																									
Zone: -																									
N: - M																									
E: - M																									
UTM Coordinates*																									
Zone: 16																									
N: 3391250.481 M																									
E: 693009.755 M																									

NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	30° 38' 17.97830" N
W. Longitude	84° 59' 09.57150" W
Ellipsoid Height	25.851 M
Cartesian Coordinates*	
X = 480045.556 M	
Y = -5471538.407 M	
Z = 3231471.614 M	

State Plane Coordinates*									
Zone: FL N									
N: 181707.053 M									
E: 553412.409 M		UTM Coordinates*		Zone: 16		N: 3391249.837 M		E: 693010.468 M	
UTM Coordinates*									
Zone: 16									
N: 3391249.837 M									
E: 693010.468 M									



fNAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	30° 38' 17.97830" N
W. Longitude	84° 59' 09.57150" W
Ellipsoid Height	25.851 M
Cartesian Coordinates*	
X = 480045.556 M	
Y = -5471538.407 M	
Z = 3231471.614 M	

State Plane Coordinates*	
Zone: FL N	
N: 181707.053 M	
E: 553412.409 M	
UTM Coordinates*	
Zone: 16	
N: 3391249.837 M	
E: 693010.468 M	

NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	30° 38' 17.97802" N
W. Longitude	84° 59' 09.57154" W
Ellipsoid Height	25.772 M
Cartesian Coordinates*	
X = 480045.549 M	
Y = -5471538.343 M	
Z = 3231471.566 M	

State Plane Coordinates*	
Zone: FL N	
N: 181707.044 M	
E: 553412.408 M	
UTM Coordinates*	
Zone: 16	
N: 3391249.829 M	
E: 693010.467 M	

NAD 83 (CORS96)

Prior to 8/2/2014

Geodetic Position*	
Latitude	30° 38' 17.97878" N
W. Longitude	84° 59' 09.57301" W
Ellipsoid Height	25.938 M
Cartesian Coordinates*	
X = 480045.522 M	
Y = -5471538.477 M	
Z = 3231471.671 M	

State Plane Coordinates*	
Zone: FL N	
N: 181707.068 M	
E: 553412.369 M	
UTM Coordinates*	
Zone: 16	
N: 3391249.851 M	
E: 693010.427 M	