


FPRN Datasheet

Site Name:	Hilliard	 <p>FDOT Florida Permanent Reference Network</p>
Site Code:	FL23	
RTCM Code:	0215	
Receiver Type:	LEICA GR30	
Serial Number:	1702549	
Firmware:	4.30	
Antenna Type:	LEIAR20 NONE	
Serial Number:	16074022	
Satellite Systems:	G/R/E/-/-	

NAVD 88 Orthometric Height

Leveled	Geoid 18*	FPRN18**
- M	33.322 M	33.325 M

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

After 1/6/2020

Geodetic Position*	
Latitude	30°44'35.97806" N
E Longitude	278°02'44.36453" E
W Longitude	81°57'15.63547" W
Ellipsoid Height	5.024 M
Cartesian Coordinates*	
X = 767915.990 M	
Y = -5432591.646 M	
Z = 3241471.266 M	

State Plane Coordinates*	
Zone: FL E	
N: 710656.142 M	
E: 108616.291 M	
UTM Coordinates*	
Zone: 17	
N: 3401545.650 M	
E: 408647.471 M	

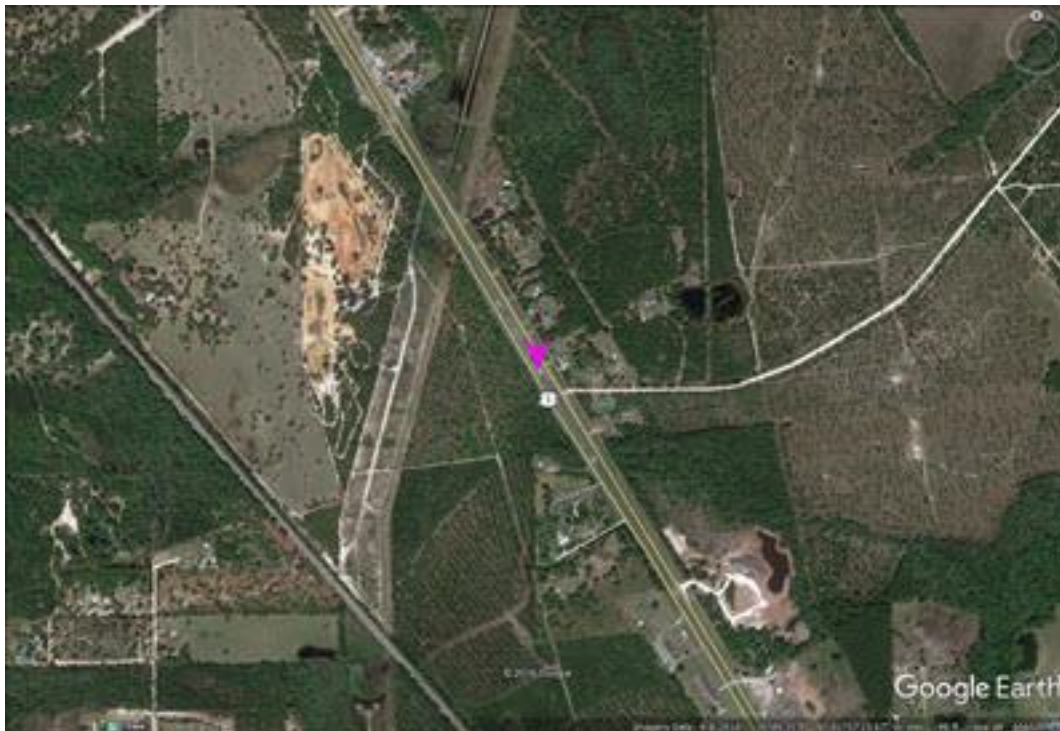
ITRF 2014 epoch 2019.837

After 1/6/2020

Geodetic Position*	
Latitude	30° 44' 36.00110" N
E Longitude	278° 02' 44.34118" E
W Longitude	81° 57' 15.65882" W
Ellipsoid Height	3.552 M
Cartesian Coordinates*	
X = 767915.147 M	
Y = -5432590.121 M	
Z = 3241471.123 M	

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 3401546.365 M	
E: 408646.856 M	

FPRN Datasheet
For
Hilliard (FL23)



* 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° 44' 35.97790" N
W Longitude	81° 57' 15.63482" W
Ellipsoid Height	5.011 M
Cartesian Coordinates*	
X = 767916.006 M	
Y = -5432591.635 M	
Z = 3241471.255 M	

State Plane Coordinates*									
Zone: FL E									
N: 710656.137 M									
E: 108616.309 M		UTM Coordinates*		Zone: 17		N: 3401545.645 M		E: 408647.488 M	
UTM Coordinates*									
Zone: 17									
N: 3401545.645 M									
E: 408647.488 M									

ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	30° 44' 36.00102" N
E Longitude	278° 2' 44.3415" E
W Longitude	81° 57' 15.65850" W
Ellipsoid Height	3.543 M
Cartesian Coordinates*	
X = 767915.154 M	
Y = -5432590.113 M	
Z = 3241471.116 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: 3401546.362 M		E: 408646.865 M	
UTM Coordinates*																									
Zone: -																									
N: - M																									
E: - M		UTM Coordinates*		Zone: -		N: - M		E: - M		UTM Coordinates*		Zone: 17		N: 3401546.362 M		E: 408646.865 M									
UTM Coordinates*																									
Zone: -																									
N: - M																									
E: - M		UTM Coordinates*		Zone: 17		N: 3401546.362 M		E: 408646.865 M																	
UTM Coordinates*																									
Zone: 17																									
N: 3401546.362 M																									
E: 408646.865 M																									

NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	30° 44' 35.97802" N
W. Longitude	81° 57' 15.63525" W
Ellipsoid Height	5.042 M
Cartesian Coordinates*	
X = 767915.998 M	
Y = -5432591.661 M	
Z = 3241471.274 M	

State Plane Coordinates*									
Zone: FL E									
N: 710656.141 M									
E: 108616.297 M		UTM Coordinates*		Zone: 17		N: 3401545.649 M		E: 408647.477 M	
UTM Coordinates*									
Zone: 17									
N: 3401545.649 M									
E: 408647.477 M									



NAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	30° 44' 35.97802" N
W. Longitude	81° 57' 15.63525" W
Ellipsoid Height	5.042 M
Cartesian Coordinates*	
X = 767915.998 M	
Y = -5432591.661 M	
Z = 3241471.274 M	

State Plane Coordinates*									
Zone: FL E									
N: 710656.141 M									
E: 108616.297 M		UTM Coordinates*		Zone: 17		N: 3401545.649 M		E: 408647.477 M	
UTM Coordinates*									
Zone: 17									
N: 3401545.649 M									
E: 408647.477 M									

NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	30° 44' 35.97791" N
W. Longitude	81° 57' 15.63522" W
Ellipsoid Height	5.034 M
Cartesian Coordinates*	
X = 767915.998 M	
Y = -5432591.656 M	
Z = 3241471.267 M	

State Plane Coordinates*									
Zone: FL E									
N: 710656.137 M									
E: 108616.298 M		UTM Coordinates*		Zone: 17		N: 3401545.645 M		E: 408647.478 M	
UTM Coordinates*									
Zone: 17									
N: 3401545.645 M									
E: 408647.478 M									

NAD 83 (CORS96)

Prior to 12:00:00 AM

Geodetic Position*	
Latitude	- N
W. Longitude	- W
Ellipsoid Height	0.000 M
Cartesian Coordinates*	
X = 0.000 M	
Y = 0.000 M	
Z = 0.000 M	

State Plane Coordinates*									
Zone: FL E									
N: 0.000 M									
E: 0.000 M		UTM Coordinates*		Zone: 17		N: 0.000 M		E: 0.000 M	
UTM Coordinates*									
Zone: 17									
N: 0.000 M									
E: 0.000 M									