


FPRN Datasheet

Site Name:	Cross City	 <p>FDOT Florida Permanent Reference Network</p>
Site Code:	XCTY	
RTCM Code:	0213	
Receiver Type:	LEICA GR30	
Serial Number:	1702526	
Firmware:	4.30	
Antenna Type:	LEIAR20 NONE	
Serial Number:	16157006	
Satellite Systems:	G/R/E/-/-	

NAVD 88 Orthometric Height

Leveled	Geoid 18*	FPRN18**
13.949 M	13.949 M	13.962 M

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

After 1/6/2020

Geodetic Position*	
Latitude	29°37'51.61289" N
E Longitude	276°53'30.66293" E
W Longitude	83°06'29.33707" W
Ellipsoid Height	-13.793 M
Cartesian Coordinates*	
X =	665805.629 M
Y =	-5508490.221 M
Z =	3134878.260 M

State Plane Coordinates*	
Zone: FL N	
N: 70768.176 M	
E: 734784.114 M	
UTM Coordinates*	
Zone: 17	
N: 3279755.656 M	
E: 295902.185 M	

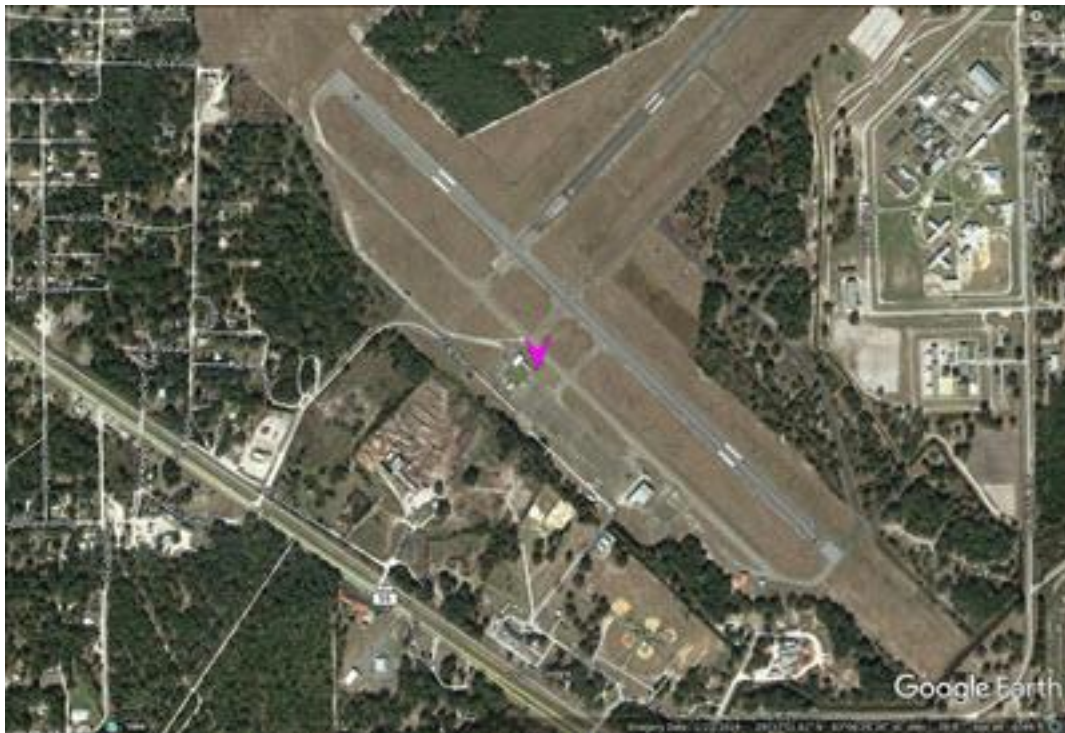
ITRF 2014 epoch 2019.838

After 1/6/2020

Geodetic Position*	
Latitude	29° 37' 51.63456" N
E Longitude	276° 53' 30.63883" E
W Longitude	83° 06' 29.36117" W
Ellipsoid Height	-15.295 M
Cartesian Coordinates*	
X =	665804.789 M
Y =	-5508488.675 M
Z =	3134878.097 M

State Plane Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: -	
N: - M	
E: - M	
UTM Coordinates*	
Zone: 17	
N: 3279756.335 M	
E: 295901.549 M	

FPRN Datasheet
For
Cross City (XCTY)



* 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	29° 37' 51.61276" N
W Longitude	83° 06' 29.33653" W
Ellipsoid Height	-13.808 M
Cartesian Coordinates*	
X = 665805.642 M	
Y = -5508490.208 M	
Z = 3134878.249 M	

State Plane Coordinates*									
Zone: FL N									
N: 70768.172 M									
E: 734784.128 M		UTM Coordinates*		Zone: 17		N: 3279755.652 M		E: 295902.199 M	
UTM Coordinates*									
Zone: 17									
N: 3279755.652 M									
E: 295902.199 M									

ITRF 2014 epoch 2019.078

After 9/6/2019

Geodetic Position*	
Latitude	29° 37' 51.63450" N
E Longitude	276° 53' 30.63917" E
W Longitude	83° 06' 29.36083" W
Ellipsoid Height	-15.292 M
Cartesian Coordinates*	
X = 665804.799 M	
Y = -5508488.677 M	
Z = 3134878.097 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: 3279756.333 M		E: 295901.558 M	
UTM Coordinates*																									
Zone: -																									
N: - M																									
E: - M		UTM Coordinates*		Zone: -		N: - M		E: - M		UTM Coordinates*		Zone: 17		N: 3279756.333 M		E: 295901.558 M									
UTM Coordinates*																									
Zone: -																									
N: - M																									
E: - M		UTM Coordinates*		Zone: 17		N: 3279756.333 M		E: 295901.558 M																	
UTM Coordinates*																									
Zone: 17																									
N: 3279756.333 M																									
E: 295901.558 M																									

NAD 83 (2011) epoch 2010.000

After 8/16/2018

Geodetic Position*	
Latitude	29° 37' 51.61280" N
W. Longitude	83° 06' 29.33703" W
Ellipsoid Height	-13.817 M
Cartesian Coordinates*	
X = 665805.628 M	
Y = -5508490.201 M	
Z = 3134878.246 M	

State Plane Coordinates*									
Zone: FL N									
N: 70768.173 M									
E: 734784.115 M		UTM Coordinates*		Zone: 17		N: 3279755.653 M		E: 295902.186 M	
UTM Coordinates*									
Zone: 17									
N: 3279755.653 M									
E: 295902.186 M									



NAD 83 (2011) epoch 2010.000

After 8/25/2015

Geodetic Position*	
Latitude	29° 37' 51.61280" N
W. Longitude	83° 06' 29.33703" W
Ellipsoid Height	-13.817 M
Cartesian Coordinates*	
X = 665805.628 M	
Y = -5508490.201 M	
Z = 3134878.246 M	

State Plane Coordinates*											
Zone: FL N											
N: 70768.173 M											
E: 734784.115 M				UTM Coordinates*		Zone: 17		N: 3279755.653 M		E: 295902.186 M	
UTM Coordinates*											
Zone: 17											
N: 3279755.653 M											
E: 295902.186 M											

NAD 83 (2011) epoch 2010.000

After 8/2/2014

Geodetic Position*	
Latitude	29° 37' 51.61280" N
W. Longitude	83° 06' 29.33703" W
Ellipsoid Height	-13.817 M
Cartesian Coordinates*	
X = 665805.628 M	
Y = -5508490.201 M	
Z = 3134878.246 M	

State Plane Coordinates*											
Zone: FL N											
N: 70768.173 M											
E: 734784.115 M				UTM Coordinates*		Zone: 17		N: 3279755.653 M		E: 295902.186 M	
UTM Coordinates*											
Zone: 17											
N: 3279755.653 M											
E: 295902.186 M											

NAD 83 (CORS96)

Prior to 8/2/2014

Geodetic Position*	
Latitude	29° 37' 51.61310" N
W. Longitude	83° 06' 29.33781" W
Ellipsoid Height	-13.817 M
Cartesian Coordinates*	
X = 665805.606 M	
Y = -5508490.199 M	
Z = 3134878.254 M	

State Plane Coordinates*											
Zone: FL N											
N: 70768.182 M											
E: 734784.094 M				UTM Coordinates*		Zone: 17		N: 3279755.663 M		E: 295902.165 M	
UTM Coordinates*											
Zone: 17											
N: 3279755.663 M											
E: 295902.165 M											