



## FPRN News

October 16, 2020

### FPRN Migration

We are migrating the FPRN to cloud-based services.

On **November 6 at 2:00 pm**, we will begin testing the new cloud-based system. The network will be back online November 7, 2020. The Real-Time Corrections **will not** be available during the testing phase.

**Please Plan Accordingly**

### Beidou Constellation

In a continuing effort to improve network performance, we are adding the Beidou constellation to the FPRN in the near future. The corrections for this constellation will be accessible through the RTCM 3.2 Multi-Satellite-Messaging (MSM4) broadcast, both on the Singlebaseline and Network solutions.

An additional notice will be given about the actual implementation date.

### Decommissioning Station

We will be decommissioning the Polk City station (POLK) on **November 2, 2020** and replacing it with the station installed at the FDOT SunTrax facility (FLST).

### Network Solution

When using port **10000** to receive corrections you **MUST** turn on your NMEA (GGA) message string, and it must be set to broadcast at a rate of 30 seconds or less (we suggest 15 or 20 seconds).

### ITRF 2014

The NGS's proposed changes to our Datums in 2022 have been pushed back to 2024 or 2025.

We still offer this secondary datum which allows users to start updating the coordinates in their local databases. It may also be useful for projects that will extend past the National Spatial Reference System (NSRS) implementation date.

If you wish to receive this broadcast, please contact Ron Hanson to express your need.