

NOTICE

Based on recent findings, (land subsidence, NGS adjustments, and GEOID updates.) the Ascension Parish Benchmark Network Elevations, as was posted on our website, were found to be outdated. In the near future, the Parish Ordinance requiring the use of the Parish network in establishing elevations will be revised. In the interim, the Parish is recommending the use of the RINEX (raw data) from the three Parish CORS Stations, or a subscription based RTK service, in arriving at an accurate elevation. Below are instructions for accessing that raw data and for the subscription based services. For questions, please contact the following Parish personnel:

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To access data from the CORS sites inside of Ascension Parish, please visit the SmartNet North America website to register for access. There are 2 forms of access currently available, one is for post processed RINEX data which is freely provided to all users in Ascension Parish and the second is an RTK correction service available as a subscription from SmartNet.

There are currently two services available for providing Real Time Corrected (RTK) data; Leica's SmartNet North America and LSU's Center for Geoinformatics (C4G). The Parish recommends that one of these systems (or its equivalent) be used for establishing elevations. This change is necessary to assure high accuracy, high availability data is available, as well as having a structured integrity monitoring process in place to continual check for subsidence and other changes in the Parish. These data services will replace the existing passive control monumentation in the Parish due to recently discovered subsidence issues.

It is recommended that anyone doing business in Ascension Parish use these services to assure an accurate tie to all work being done in the Parish, as well as having the ability to tie to the wider National Spatial Reference System. The two systems currently available to access RTK data are available at <https://register.smartnetna.com> and <https://store.c4g.lsu.edu/>.