

“Fred’s Corner”

By

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Activities of the New Jersey Geodetic Survey) *(2015)*

1. In conjunction with the National Geodetic Survey (NGS) and the National Society of Professional Surveyors (NSPS) GPSONBMS initiative during National Surveyors Week (2014), the New Jersey Geodetic Survey has continued this campaign throughout the past year to add new GPS data on existing bench marks in order to maintain local ties to the NSRS, thereby providing additional data for further development of the next GEOID model. A total of 42 “new” stations have been added to the OPUS database from our office. We are anticipating another successful campaign in 2015 and especially during National Surveyors Week (2015).
2. The New Jersey Geodetic Survey has performed reconnaissance in support of a major 1st Order, Class 2 leveling project to be initiated this summer that will include leveling observations through the communities of Keyport, Matawan, Colts Neck and Wall Township with a spurs leading to New Brunswick and Freehold in order to connect previous level lines from these communities.
3. The New Jersey Geodetic Survey is currently performing reconnaissance in support of another 1st Order, Class 2 leveling project that will include leveling observations through the communities of Pemberton, Browns Mills, Manchester, Whiting, Lakehurst and Toms River. This project will provide critical elevation data in sparse areas and connect previous leveling along the New Jersey coast with inland leveling projects.
4. In support of the Capital Program of the NJ Department of Transportation, the New Jersey Geodetic Survey has been asked to provide survey support for several large in-house aerial mapping projects contemplated for this spring.