Approximate Vertical Datum Conversions

Hillsborough County is part of a nationwide effort to update the method of determining vertical elevations from NGVD 29 to NAVD 88. The following techniques may be used when trying to convert the datums:

- 1. Surveyor provides conversion at site to NGVD 1929 from NAVD 1988 or vice-versa (Best method)
- 2. If you need to convert an elevation from NGVD 29 to NAVD 88, use the County's general conversion of -.89 feet. For example 10.0 feet in NGVD 29 becomes 9.11 feet NAVD 88.
- 3. If you need to convert an elevation from NAVD 88 to NGVD 29, use the County's general conversion of +.89 feet. For example 10.0 feet in NAVD 88 becomes 10.89 feet NGVD 29.
- 4. Because the conversion is not consistent across the County, there could be acceptable deviations within a tenth of a foot and methodologies would need to be explained to the Floodplain Administrator and approved by the Administrator or their designee.

<u>NOTE:</u> This method is an interim approximation to determine the elevation differences between the datums. Upon the new Food Hazard Maps becoming effective (expected 09/01/2008), all elevations will be referenced to the NAVD 1988.



