

City of Poulsbo

Engineering Department



To: Engineering and Development Review Staff
All other interested parties
From: Diane Lenius, City Engineer
Re: Survey Datum Requirements
Date: April 11, 2018

ADMINISTRATIVE INTERPRETATION

As provided in PMC 12.02.010, the City Engineer has the authority to review and resolve questions involving the proper interpretation or application of the provisions of the City's Construction Standards.

Question: What is the City's adopted survey datum standard(s)?

Interpretation:

1. It is of the utmost importance for City infrastructure to have correct continuity between projects for line and grade within the City of Poulsbo. This is particularly important for the City roadway network and gravity sewer system.
2. The City's Construction Standards refer to WSDOT Standards.
3. Per Chapter 400 of the WSDOT Design Manual, Chapter 6 of the WSDOT Highway Surveying Manual, RCW 58.20.180 and WAC 332-130 WSDOT has adopted the North American Datum of 1983 (NAD83) as the horizontal Control Standard, and the North American Vertical Datum of 1988 (NAVD88) as the horizontal control datum.
4. For all federally funded projects, per notice published in the federal register Vol. 58, No. 120 on Thursday, June 24, 1993 use of the North American Vertical Datum of 88 (NAVD88) is required. Many of the City's capital roadway projects are federally funded through various grant programs, and all other City roadways must use the same datum(s) in order that all utility and roadway line and grade are consistent.

Therefore, the City Engineer interprets and declares that the City's adopted horizontal control survey datum is the North American Datum of 1983 (NAD83), and the City's adopted vertical control survey datum is the North American Vertical Datum of 1988 (NAVD88).


Diane Lenius, City Engineer


Date