

# BASIC SURVEYING METHODS FOR LOCAL HIGHWAY AGENCIES

On-site

6 Hours – Road Scholar Credits

**April 24, 2019 (Wednesday)** 8 a.m. – 3:30 p.m. MST (9 a.m. – 4:30 p.m. CST)

**City of Dickinson Public Works Bldg.**, 3411 Public Works Boulevard, Dickinson, ND (invite only)

**Fee: \$25.00** – (fee covers the cost of instructor fee and printed training materials)

**Registration Deadline: April 17, 2019**

This course presents basic principles and practices of surveying for highway construction and maintenance work. A portion of this workshop will be spent on field exercises. Instruction will be provided on:

- basic surveying equipment
- measuring horizontal distances
- checking grade
- construction offset staking & slopes
- culvert elevations & slope
- determination of pipe length
- vertical elevations
- land descriptions



**Instructors:**



Jon Mill graduated from Montana State University in 1970. Mill worked for NDDOT in the Valley City District for 11 years as a construction engineer. He is a professional engineer, and also a professional land surveyor. Mill was the Burleigh County Highway Engineer for 29 years, and was a contractor with NDDOT on the 2009 Emergency Relief Flood Damage Inspection.



After 45 years of serving in various engineering positions with the U.S. Forest Service in North Dakota, Idaho and Montana, Curt Glasoe expanded his horizons by joining NDLTAP. His background and knowledge of transportation combined with his passion for North Dakota make him the perfect technical resource.

**Target Audience:** County and city maintenance and personnel. No survey experience is required.

If you have questions about this event contact NDLTAP @ 701-328-9855 [ndltap@ugpti.org](mailto:ndltap@ugpti.org)