

ROADWAY FOUNDATION BASICS

6 Hours
Road Scholar Credits



November 16, 2023 (Thursday) 9:00 a.m. – 4:00 p.m.

Walsh Co. Courthouse Building • 600 Cooper Ave., Grafton, ND

FEE \$25 (covers cost of refreshment breaks and printed materials) **REGISTRATION DEADLINE:** November 9, 2023

Lunch sponsored by: 

ENGINEERING, REIMAGINED

Topics covered in this training:

- Roadway structure
- Soil classification
- Subgrade
- Soil related failures
- Testing
- Drainage
- Frost Heaves
- Roadway repair
- Roadway stabilization
- Roadway materials



INSTRUCTORS:



Matt Johnson, PE, has 29 years of experience in the transportation industry. Matt was an assistant city engineer and city engineer from 1994 to 2002. He was then a project engineer from 2002 to 2018, serving as the design and construction engineer of record for numerous

municipal and transportation projects. He oversaw office and engineering staff and was responsible for relations with clients, agencies, NDDOT. Beginning in 2018, he operated his own construction engineering consulting firm, providing coordination between owners, engineers, contractors, subcontractors and the public. Matt has been with UGPTI/NDLTAP since 2020.



Scott Whaley, PE, is a regional sales manager with Tensar and resides in Morton County. His 14 years of experience designing and constructing with geosynthetics includes paved and unpaved roadways, industrial facilities, and MSE walls and reinforced soil slopes. Scott has helped counties, communities, townships, and other agencies resolve foundation issues with innovative and cost-effective solutions.

Gowan Construction, Inc. was founded by brothers Roy and Charles Gowan in 1961 with two pieces of equipment. Now almost six decades later, Gowan Construction, Inc. has over 150 pieces of equipment and employs over 200 people at peak season.

We value our roots as a family-owned company of 3 generations, and are proud of the unmatched expertise we are able to offer from over 55 years' experience working in the Red River Valley and surrounding areas. We employ a competent staff that is able to complete projects of all sizes. We pride ourselves on producing high quality projects. We want our overall appearances above ground to reflect the quality of what you are unable to see below ground. Our staff includes civil engineers, construction managers, accounting professionals and heavy equipment technicians.

Subject Matter Expert: Bryon Fuchs, PE, NDLTAP and Wade Thompson, PE, KLJ

TARGET AUDIENCE: Operators, laborers, road foremen/superintendents and County Commissioners.

Need help? Contact us at ndltap@ugpti.org or 701-328-9855