

# Understanding Bridge Basics, Inspection, Maintenance and Repair

On-site – Classroom  
6 Hours – Road Scholar Credits

**September 1, 2022 (Thursday) 9:00 – 4:00 PM CST**  
Farmers Meeting Room, Walsh County Courthouse • 600 Cooper • Grafton

**\$25 Registration Fee**

(includes printed training material, refreshment breaks and lunch)

**Class limit: 30 attendees per workshop**

**REGISTRATION DEADLINE:** 1 week prior to workshop



Want to learn everything there is to know about bridges in one day? Bridge 201 is for you. While we can't promise that you will learn EVERYTHING about bridges, we will help you understand the key elements, such as:

- Bridge part names
- Why we complete scour surveys
- What is a bridge
- Significant findings
- Loading ratings
- Maintenance best practices
- Inspect
- Load limits
- Signing requirements
- How to inspect a bridge
- Failure modes

**TARGET AUDIENCE:** Blade operators, truck drivers, road superintendents, county, city, and township officials, and those in local governmental road or street departments.

**INSTRUCTORS:**



**Dale Heglund, P.E.** NDLTAP Program Director. Forty years of transportation experience ranging from equipment operator to design engineer. His career focus has been to promote a quality roadway

network by helping others understand roadway engineering principles, the synergies of working cooperatively with others, leadership skills, and new technology implementation processes.



**Matthew Luger.** Engineer, Bridge Management Section. Matthew is a graduate of UND and is a registered professional

engineer. He has 12 years of NDDOT work experience in the Materials and Research and Bridge Divisions. His current focus is on the bridge load rating, bridge inspection, and bridge preservation programs.



**Bryon Fuchs, P.E.** Assistant Local Government Engineer for the NDDOT. Fuchs is a graduate of NDSU and is a registered professional engineer. He previously worked for a consulting company for three years and has worked for NDDOT for 16 years in Materials and Research and Local Government.

**Subject matter experts:** Kelly Bengston, P.E., Bridge & Pavement Engineer | Upper Great Plains Transportation Institute, NDSU  
Wes Dickhut, P.E., M.S., Project Development Engineer for North and South Dakota | GeoStabilization  
Matt Gregg | Sales Engineer – Engineered Products | Wheeler  
Nancy Huether, P.E. | TSP2 Bridge Preservation Engineer

Need help? Contact us at [ndltap@ugpti.org](mailto:ndltap@ugpti.org) or 701.328.9855. If you have a request for an accommodation related to a disability or have special dietary needs, please contact Jody Jones at (701) 328-9855 or [jody.jones@ndsu.edu](mailto:jody.jones@ndsu.edu)