

# BRIDGE 101

On-site – Classroom

7 Hours – Road Scholar Credits

**October 29, 2019** (Tuesday) 8:00 – 4:00 PM CST  
**Ward County Highway Department** – 900 13<sup>th</sup> St SE, Minot, ND

Registration Deadline: 1 week prior to workshop  
**Class limit: 30 attendees per workshop**

**\$25 Registration Fee** (includes printed training material, refreshment breaks and lunch)

Want to learn everything there is to know about bridges in one day? Bridge 101 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
- How to read an SIA sheet
- What alert codes mean
- Loading factors
- Maintenance best practices
- Load limits
- Signing requirements
- How to inspect a bridge
- Failure modes



Along with classroom training, we will go to the field and walk through a bridge inspection. Bridge 101 will help blade operators, truck drivers, road superintendents, county, city and township officials, and those in local governmental road or street departments, learn about bridges.



**Bryon Fuchs.** Assistant Local Government Engineer for the NDDOT. He graduated from NDSU and is a registered professional engineer. Fuchs previously worked for a consultant for three years and has worked for NDDOT for 16 years in Materials and Research and Local Government.



**Dale Heglund.** NDLTAP Program Director. Forty years of transportation experience ranging from equipment operator to design engineer. 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.



**John Sauber Jr.** Consulting engineer in North Dakota. He has more than 25 years of bridge engineering experience, including 10 years with NDDOT and 16 years with North Dakota consulting firms. He was also the county engineer in Mountrail County. Sauber graduated from NDSU with a B.S. in civil engineering and is a professional engineer and professional land surveyor.

Need help? Contact us at [ndltap@ugpti.org](mailto:ndltap@ugpti.org) or 701-328-9855