

# BRIDGE 201

On-site – Classroom

7 Hours – Road Scholar Credits

**October 27, 2020** (Tuesday) 8 – 4 PM CST

**Richland County Law Enforcement Center**

413 3<sup>rd</sup> Ave N, Wahpeton, ND

**\$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 101 is for you. We can't promise that you will learn EVERYTHING about bridges, but 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.

## INSTRUCTORS:



**Kelly Bengtson.** UGPTI Bridge and Pavement Engineer. Bengtson is a graduate of NDSU and a registered professional engineer. He was previously the Kittson County, MN, engineer, drainage engineer for the County Drainage Authority, and district manager and engineering technician for the Kittson Soil and Water Conservation District.



**Dale Heglund.** NDLTAP Program Director. Heglund has 40 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, leadership skills, and new technology implementation processes.



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



**Reed Oiens.** Steele County Highway Road Superintendent. Oiens began working for Steele County in 2014 as an equipment operator and was promoted to highway road superintendent in 2016. He has worked in wide array of county, construction, agricultural, trucking and business ventures. As superintendent, Oien's goals are to learn and grow with the county, to provide and enhance the local roadway network, and to provide a safe transportation system for the traveling public.



**Matt Gregg.** Sales Engineer, Wheeler. Gregg holds a B.S. in civil engineering from UND and has five years of combined design and consulting experience with timber and steel bridges and precast concrete buildings and worked three years with the Polk County (MN) Highway Department. As sales engineer, Gregg educates counties on bridge repair and replacement techniques with focus helping those agencies self-perform the work.



**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.

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

Need help? Contact us at [ndltap@ugpti.org](mailto:ndltap@ugpti.org) or 701.328.9855



U.S. Department of Transportation  
**Federal Highway Administration**

*This program is offered with sponsorship from FHWA, ND Department of Transportation, Western Dakota Energy Association, ND Insurance Reserve Fund, ND Township Officers Association, the Northland Chapter of the American Traffic Safety Services Association, and ND chapter of the American Public Works Association.*