

2021 LOCAL ROAD CORRUGATED METAL PIPE TRAINING

On-site
6 Hours – Road Scholar Credits

AUGUST 25, 2021 (Wednesday) • 9 a.m. – 4 p.m. CST

McLean County Highway Dept. • 880 Highway 83 • Washburn, ND

NO Registration Fee | Class Limit: 30 Lunch sponsored by  TrueNorth Steel

Registration Deadline: AUGUST 18, 2021



NDLTAP has partnered with TrueNorth Steel to develop a workshop to help county, township and small community personnel learn how to properly design, install and maintain culverts. Workshop focus areas include:

- Pipe sizing – state rules and design methods that engineers use to select properly sized culverts
- Pipe coating selection – options available and how to choose
- Pipe length – how to calculate and order
- Pipe performance – review of slope, interior, flared ends, outlets, velocity, etc.
- Pipe strength – how soil and pipe strength combine
- Pipe installation – pipe survey, bedding, placement, backfill, compaction, and collars. **These topics will be covered during a hands-on installation of a corrugated metal pipe (CMP) on a county road.**
- Pipe slip lining – extending pipe life

Instructors:



Brandon Scherber is a Sales Engineer in the Drainage and Modular Bridge Division of TrueNorth Steel. He joined TrueNorth in 2009 after graduating from NDSU with a B.S. degree in industrial engineering and management. Brandon worked in quality assurance/quality control until 2016 when he transitioned into his current role where he supports engineers and customers with design-related guidance and specifications in the states of ND, SD, MN, and WI.

Subject Matter Experts:

Roger Arenz, TrueNorth Territory Sales Manager
Rick Lenarz, TrueNorth Territory Sales Manager



Kelly Bengston began working at UGPTI/NDLTAP in February 2020 after retiring from his previous position of 23 years as Kittson County Engineer in Hallock, Minn. Kelly worked on many culvert projects whether it was new construction or maintenance work. He determined drainage areas, studied road overtopping frequency from targeted design stream flows, and worked with various agencies on permits for new culverts.



Dale Heglund, NDLTAP Program Director, 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 with others, leadership skills, and new technology implementation processes.

Target Audience: The course is recommended for county, township, and small community personnel.

If you have questions about this event, contact NDLTAP @ 701-328-9855 ndltap@ugpti.org. If you have a request for an accommodation related to a disability or have special dietary needs, please contact Amanda Miller at (701) 328-9855 or amanda.jean.miller@ndsu.edu at least two working days prior to the event.