

# 2020 LOCAL ROAD CORRUGATED METAL PIPE TRAINING

On-site

6 Hours – Road Scholar Credits

**TENTATIVE** June 24, 2020 (Wednesday) Park River County Shop, 510 6<sup>th</sup> St. W.,  
Park River, ND • 9 a.m. – 4 p.m. CST

We are tentatively planning this event as an in-person training. If we cannot do so safely in compliance with state and local guidelines, by limiting the number of participants, and by following social distancing guidelines, we will notify registrants of a cancellation or plans to offer in alternative format by no later than one week before the event.

**REGISTRATION DEADLINE: June 17, 2020 | No Registration Fee | Class Limit: 30**  
(Lunch provided by TrueNorth Steel)



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:



**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.



**Rick Lenarz** is Territory Sales Manager for TrueNorth Steel in eastern North Dakota and the Red River Valley. He has been involved in the civil construction industry for much of his career, working with both the concrete and steel. His current focus is on corrugated steel pipe design, modular bridge installation and bridge rehabilitation.



**Brandon Scherber** is a Sales Engineer in the Drainage and Modular Bridge Division at 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 roll where he supports engineers and customers with design related guidance and specifications in the states of ND, SD, MN, and WI.

**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](mailto: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](mailto:amanda.jean.miller@ndsu.edu) at least two working days prior to the event.