

# GLUE FOR GRAVEL ROADS

## Making Gravel Roads Great Again

Bentonite Clay, Mag Chloride and  
Cutting Edge Live Field Demos

**May 1, 2018** (Tuesday) 9:00 – 4:00 PM CST

**LISBON, ND** – Ransom County, Veteran’s Home – 1600 Veteran’s Ave

**May 2, 2018** (Wednesday) 9:00 – 4:00 PM CST

**HARVEY, ND** - Wells County – Harvey Shop

**May 3, 2018** (Thursday) 9:00 – 4:00 PM MST (10:00 – 5:00 PM CST)

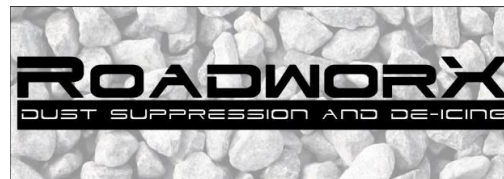
**WATFORD CITY, ND** – McKenzie County Courthouse, 201 5<sup>th</sup> St. NW



Registration Deadline: 1 week prior to workshop | **Class limit: 30 attendees – \$50 Registration Fee**  
(Lunch provided by DMC Wear Parts)

Learn how to add nature’s glue to existing gravel surfacing and “Make Gravel Roads Great Again!” Specifying good gravel is tough enough, but how can we make poor and tired gravel perform better? While even the best of gravels can’t match the year-round qualities of asphalt, we can sweeten the mix and make them better with a small percentage of clay. Join gravel expert Steve Monlux, PE and LVR consultant, as he shares the secrets of adding a very small percentage of clay to hold gravel surfacing together. **You’ll find out why clay is nature’s glue for gravel surfacing.**

Following the class, we will head out to the field to apply our classroom learning, building a 3-part gravel road test section. We will add bentonite clay to existing gravel, demonstrating proper blending and laydown operations. **Kelly McCollam, DMC Wear Parts**, will demonstrate new quick-change cutting edge technologies that makes easy work of cutting road surfaces and blending clay into the mix. **Todd Pendleton, Roadworx**, will show us how to apply Mag Chloride and explain how clay binder in gravel surfacing enhances dust treatments.



No glue/clay results in washboarding, dust, float, safety hazards and high maintenance costs. What’s holding your gravel together? This is a must attend training for anyone that touches gravel or gravel roads. Motor grader operators, county road superintendents, county and township officers, contractors, and gravel suppliers. **Plan to attend and learn how to “Make Gravel Roads Great Again!”**



**STEVE MONLUX** worked 30 years for the U.S. Forest Service as a materials and geotechnical engineer on low-volume roads in Montana and Idaho and many other western states. Since retirement in 2000, he has provided consulting services for counties, state LTAPs, Tribal Governments, the FHWA and the Forest Service. His specialties include gravel surfacing, dust abatement, road stabilization, construction fabrics, pavement management, quality assurance, and contract administration.

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