



NDLTAP Hands-On Training Glue for Gravel Roads and Cutting Edge Demo - Making Gravel Roads Great Again.



This is a must attend training for anyone that touches gravel or gravel roads. Motor grader operators, county road superintendents, county commissioners, township officers, contractors, and gravel suppliers.

- **June 13, 2017 (10:00 - 3:00 pm Central Time) - Billings County Shop - 3718 High St, Fryburg ND (Training is 9:00 - 2:00 MT)**
- Jun 14, 2017 (9:00 - 2:00 pm Central Time) - Morton County Shop - 2916 37th St NW, Mandan ND
- Jun 15, 2017 (9:00 - 2:00 pm Central Time) - Ramsey County Shop - 919 5th St SE, Devils Lake ND

**You must register through the [Learning Management System](#) if you need assistance please contact the NDLTAP office 701-328-9855 or email denise.brown.1@ndsu.edu **

"The gravel that clays together stays together." Learn how to add clay 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 around 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 the gravel surfacing together. Not having glue in your gravel results in wash boarding, dust, float, safety hazards and high maintenance costs. You'll find out why clay is nature's glue for gravel surfacing.

Following the class we will head out to the field where 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.



Met the instructor for this training.

Steve worked 30 years for the US Forest Service as a materials and geotechnical engineer on low volume roads in Montana and Idaho and many other western states. Since retirement in year 2000, he has provided consulting services for state LTAP's, 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. He has a PE license in Washington and Idaho.

For technical questions on this training contact dale.heglund@ndsu.edu
701-220-318-6893.

**Need to know the right treatment for
your distressed pavement?**

**Industry EXPERTS provide the tools you
need!**

2017 ARRA In-Place Recycling & Reclaiming Seminar, Dickinson ND June 27-28



NDLTAP Western Energy Technical Support
Representative
curt.glasoe@ndsu.edu
701-425-6384 (M)

Dale Heglund, PE/PLS
NDLTAP Program Director
dale.heglund@ndsu.edu
701-318-6893 (M)



NDLTAP/UGPTI | 701-328-9855 | 515 1/2 E Broadway Suite 101, Bismarck ND
58501 | www.ndltap.org

North Dakota State University does not discriminate on the basis of age, color, disability, gender expression/identity, genetic information, marital status, national origin, public assistance status, race, religion, sex, sexual orientation, or status as a U.S. veteran. Direct inquiries to: Equal Opportunity Specialist, Old Main 201, 701-231-7708 or Title IX/ADA Coordinator, Old Main 102, 701-231-6409.