

New Online Training Courses Now Available

Registration is now open for two online training courses sponsored by LRRB: Sign Maintenance and Management and Culvert Installation and Maintenance.

The **Sign Maintenance** course, which stems from the new *Minnesota Manual on Uniform Traffic Control Devices (MN MUTCD)* requirements, provides a concise, cohesive set of sign maintenance and management materials to employees of cities, counties and municipalities. This class is designed to help agencies develop and maintain plans and processes to meet MN MUTCD standards in their respective jurisdictions. Participants can complete the course, which takes about 10 hours, at their own pace.



Course Lessons:

- General overview
- Minnesota Manual on Uniform Traffic Control Devices
- Sign policy
- Sign materials
- Safety
- Sign placement
- Sign installation
- Sign retroreflectivity
- Sign maintenance and management
- Addressing and street name signs

The **Culvert Installation and Maintenance** course was developed for engineers, supervisors, and technicians, particularly those who install and maintain culverts and who perform simple designs. The course will provide students with a basic understanding of the principles of culvert theory, design, location, planning, scheduling, permitting and typical installations. It also outlines culvert inventory, inspection, repair, and rehabilitation methods. The online curriculum is similar to our traditional classroom training but perfect for students who are unable to travel or prefer a “work at your own pace” environment. Students are free to access the course anytime and anywhere within a five-month time frame.

Registration and More Information

To register, please visit the course websites:

Sign Maintenance: <http://www.mnltap.umn.edu/training/topic/drainage/onlineculvert/>

Culvert Repair: <http://www.mnltap.umn.edu/training/topic/drainage/onlineculvert/>

The cost each course is \$65 (or \$75 to register for a Continuing Education Credit). Both courses qualify for the 1.0 Roads Scholar Program required credit.

For more information or with questions about the courses, please contact Mindy Carlson at carlson@umn.edu or 612-625-1813.