

DESIGNING PEDESTRIAN FACILITIES FOR ACCESSIBILITY – ONE-DAY WORKSHOP WITH FIELD ACTIVITIES

On-site

6.5 Hours – Road Scholar Credits

February 13, 2020 (Thursday)

Bismarck Public Works Department, 601 S 26th St, Bismarck ND

9 a.m. – 4 p.m. CST

\$50.00 Registration Fee

(includes printed training materials, lunch and refreshment breaks)

REGISTRATION DEADLINE: February 6, 2020



Facilities in the public right-of-way (including walkways, ramps, curb ramps and landings, crosswalk, and pedestrian overpasses and underpasses) must be designed, constructed and maintained to serve all users. To meet the users', those involved with designing, building and maintaining infrastructure in the public right-of-way need a clear understanding of the wide range of disabilities that occur and of the challenges faced by persons with disabilities. This course will identify laws, regulations, guidelines and standards pertaining to accessibility in the public right-of-way. Requirements for ensuring accessibility in existing facilities versus work in new construction and alterations will be discussed. Design elements necessary for achieving accessibility will be reviewed. Best practices will be identified. A detailed handout will be provided. The "field portion" of the class will be held inside a shop area and will include activities involving manual wheelchairs, canes/blindfolds and low-vision goggles to allow participants to simulate the challenges faced by disabled persons in moving about in built environments.

Specific Topics to be Covered Include:

- Criteria for accessibility in the public right-of-way
- Legal requirements
- Pedestrian access route (PAR)
- Curb ramps and other transitions
- Detectable warnings
- Pedestrian crossings
- Accessible pedestrian signals (APS)
- Street furniture and on-street parking
- Work zones and maintenance
- Activities with manual wheelchairs, blindfolds/canes and low-vision goggles

Instructor:



Ronald W. Eck, P.E. Ron is a professor emeritus of civil engineering at West Virginia University and senior advisor with the West Virginia Local Technical Assistance Program (WVLTAP). He has been involved in traffic engineering, including pedestrian transportation for more than 40 years.

Target Audience: Local and state agency personnel with responsibility for designing, constructing and maintaining facilities in the public right-of-way; engineers, MPO staff, technicians, public works directors, street supervisors, crew leaders and inspectors; consulting engineers and contractors working for state and local agencies.

If you have questions about this event contact NDLTAP @ 701-328-9855 ndltap@ugpti.org