NDSU | UPPER GREAT PLAINS TRANSPORTATION INSTITUTE
NORTH DAKOTA LOCAL TECHNICAL ASSISTANCE PROGRAM

U.S. Department of Transportation
Federal Highway Administration

NORTH Dakota | Transportation
Be Legendary.

Advanced Work Zone Management & Design

NHI-133149 | 2-Day Instructor-Led Training

16 ROAD SCHOLAR CREDITS

FEBRUARY 10 AND 11, 2027 9:00 AM-4:00 PM CT

City of Bismarck Public Works

601 South 26th Street

Bismarck, ND

Limit of 4 people per organization, limited seats available, first come first served

Interested parties email bryon.fuchs@ndsu.edu

INSTRUCTOR
RJ PORTER

nhi national highway institute

This is a 2-day instructor-led training (with practical hands-on exercises or group activities).

Core Goal: Move beyond basic traffic control to tackle complex design, safety, and operational challenges in highway work zones.

Key Learning Objectives

Impact Analysis: Analyze and summarize safety and mobility impacts on road users, pedestrians, bicyclists, and workers.

Plan Design: Design high-level temporary traffic control (TTC) plans, project phasing, and work zone scheduling.

Management Strategies: Develop comprehensive work zone transportation management plans (TMPs) and apply risk mitigation strategies.

Standards & Best Practices: Incorporate guidelines from the Manual on Uniform Traffic Control Devices (MUTCD), worker apparel standards (ANSI), and recent research innovations.



TARGET AUDIENCE: State and local design engineers, traffic/safety engineers, senior work zone traffic personnel, transportation planners, construction engineers, and senior engineering technicians.

Details / Registration 701.612.8632 tracy.wing@ndsu.edu www.ndltap.org

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If you have a request for an accommodation related to a disability or have special dietary needs, please contact Tracy at (701) 612-8632 or tracy.wing@ndsu.edu at least two working days prior to the event.