
Transportation Engineering Fundamentals - Webinar

Oregon State University

November 7– 30, 2023

Transportation Safety Office
Oregon Department of Transportation
Salem, OR 97314

The Kiewit Center
Oregon State University
Corvallis, OR 97331

AGENDA

Module 1, Day 1 November 7, 2023

Introduction and Overview

Human Factors, Sight Distance

Geometric Design

Traffic Flow and Capacity

Module 1, Day 2 November 9, 2023

Travel Time and Delay

Speed Studies and Speed Zones

Bike and Pedestrian Data and Studies

Passing Zone and Curve Studies

Module 2, Day 1 November 14, 2023
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Intersection Sight Distance

Traffic Signs and MUTCD Part 2 Applications

Pavement Markings and MUTCD Part 3 Applications

Intersection Control Evaluation

Module 2, Day 2 November 16, 2023
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Introduction to Traffic Signals

Design and Timing of an Isolated Traffic Signal

Module 3, Day 1 November 28, 2023
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Statistics for Safety Analysis, Crash Studies

Work Zones

School and Pedestrian Zones

Module 3, Day 2 November 30, 2023
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Non-Motorized Modes (Bike, Ped, ADA)

ODOT Specific Q&A
