
Traffic Engineering Fundamentals

LaSells Stewart Conference Center
Oregon State University

Nov 29 – Dec 1, 2016

Transportation Safety Division
Oregon Department of Transportation
Salem, OR 97310

The Kiewit Center
Oregon State University
Corvallis, OR 97331

Tentative Agenda

Tuesday – 11/29		
8:30 AM	Welcome	R. Layton
9:00 AM	Traffic Engineering Introduction	R. Layton
10:00 AM	<i>BREAK</i>	
10:20 AM	Intro to Traffic Control Devices	R. Layton
11:10 AM	Traffic Engineering Admin & Legal Responsibilities	E. Fischer
12:00 PM	<i>LUNCH</i>	
12:45 PM	Access Management	D. Huntington
1:30 PM	Medians	D. Huntington
2:00 PM	<i>BREAK</i>	
2:15 PM	Speed Studies and Speed Zoning	E. Fischer
3:15 PM	Human Factors	K. Hunter-Zaworski
4:00 PM	Statistical Analysis	R. Layton
4:45 PM	<i>ADJOURN</i>	
Wednesday – 11/30		
8:00 AM	Volume Studies	E. Fischer
8:45 AM	Intersection Design and Control	E. Fischer
10:00 AM	<i>BREAK</i>	
10:20 AM	Roundabouts	E. Fischer
11:05 AM	Traffic Stream & Capacity Analysis	R. Layton
11:45 AM	<i>LUNCH</i>	
12:15 PM	Capacity Analysis (cont.)	R. Layton
1:15 PM	Curve Studies	E. Fischer
1:45 PM	<i>BREAK</i>	
2:00 PM	School and Pedestrian Zones	R. Layton
2:45 PM	Skid Resistance	R. Layton
3:30 PM	Intersection Sight Distance	R. Layton
4:00 PM	Retroreflectivity	K. Hunter-Zaworski
5:00 PM	<i>ADJOURN</i>	
Thursday – 12/1		
8:00 AM	Intro to Traffic Signals	P. Coffey
10:00 AM	<i>BREAK</i>	
10:15 AM	Parking Studies	M. Takallou
11:00 AM	Passing Zone Studies	M. Takallou
11:30 AM	Travel Time and Delay Studies	M. Takallou
12:00 PM	<i>LUNCH</i>	
12:45 PM	Bicycle and Pedestrian Program	S. Lyons
2:45 PM	<i>BREAK</i>	
3:00 PM	Crash Analysis	R. Layton
3:45 PM	Geometric Design	R. Layton
4:45 PM	<i>ADJOURN</i>	

