



IDM-01: Principles of Geometric Design for California
COURSE OUTLINE

Day 1

Introduction	8:00 am
Course Objectives	
Defining Roadway Types	8:15 am
Traffic Operation Basics.....	8:30 am
<i>Group Exercise</i>	9:00 am
Break	9:45 – 10:00 am

Geometric Design

Sight Distance	10:05 am
Superelevation	10:35 am
<i>Individual Exercise</i>	11:30 am

Lunch..... 12:00 – 1:00 pm

Horizontal.....	1:00 pm
Grades	1:15 pm
<i>Individual Exercise</i>	1:45 pm

Break

Pavement Transition	2:30 pm
Airway Highway Clearances.....	2:45 pm
Structures.....	3:00 pm
<i>Group Exercise</i>	3:30 pm

Day 2

Geometric Cross Sections	8:00 am
<i>Individual Exercise</i>	9:00 am
Break	9:30 – 9:45 am

Intersections at Grade..... 9:45 am

Bike Lanes & Paths	10:15 am
Truck Turning.....	10:30 am
<i>Group Exercise</i>	11:00 am

Lunch..... 12:00 – 1:00 pm

Tee Intersections.....	1:00 pm
Turn Pockets	1:45 pm
Curb Ramps	2:15 pm
Driveways.....	3:00 pm

Break

<i>Individual Exercise</i>	3:30 pm
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Day 3

Interchanges	8:00 am
Break	9:00 – 9:15 am
Ramp Design	9:15 am
Ramp Metering.....	10:00 am
<i>Individual Exercise</i>	10:15 am
Lunch	12:00 – 1:00 pm
Stage Construction	1:00 pm
Traffic Handling.....	1:30 pm
<i>Group Exercise</i>	2:00 pm
Break	3:00 pm – 3:15 pm
Overview of Related Items.....	3:15 pm
<i>Group Discussion</i>	
Course Evaluation.....	4:00 pm