IDM-23 Course: “LOAD-and-RESISTANCE FACTOR DESIGN (LRFD) METHODOLOGY FOR CALIFORNIA BRIDGES”

COURSE OUTLINE

Day 1: (8:00 AM – 5:00 PM)

8:00 AM  Session 1: Introduction & Loads
9:40 AM   Morning Break
10:00 AM  Session 2: Analysis
12:00 PM  Lunch
1:00 PM   Session 2: Analysis (Continued)
3:20 PM   Afternoon Break
3:30 PM   Session 3: Introduction to Prestress Concrete Design

Day 2: (8:00 AM – 5:00 PM)

8:00 AM  Session 4: Concrete Design
9:40 AM   Morning Break
10:00 AM  Session 5: Design Examples

1. Precast I-Girder Bridge
2. CIP Box Girder Bridge

12:00 PM  Lunch
1:00 PM   Session 5: Design Examples (Continued)

2. CIP Box Girder Bridge (Continued)

3:20 PM   Afternoon Break
3:30 PM   Session 5: Design Examples (Continued)

3. Slab Bridge