DESIGN AND MAINTENANCE OF GUARDRAIL / BARRIER SYSTEMS
FOR URBAN AND RURAL ROADWAYS (TS-03)

COURSE OUTLINE

8:00 - 8:30  1.  INTRODUCTION (+ VIDEO)
8:30 - 10:00  2.  CLEAR ZONE CONCEPT (+ VIDEOS)
10:00 - 10:15  BREAK
10:15 - 10:30  3.  NCHRP 350 CRASH TESTING CRITERIA
10:30 - 11:30  4.  METAL BEAM GUARDRAIL
   •  GENERAL CRITERIA
   •  GUARDRAIL NEAR SLOPES
   •  BREAKAWAY CABLE END ANCHOR (+ VIDEO)
11:30 - 12:30  LUNCH
12:30 - 2:00  •  CRASH WORTHY END TERMINAL SYSTEMS (+ VIDEOS)
   •  GUARDRAIL TO CONCRETE BARRIER TRANSITION
   •  INTERSECTION AND TERMINUS GUARDRAIL
   •  THRIEBEAM GUARDRAIL
   •  GUARDRAIL INSTALLATION CRITERIA
2:00 - 2:15  BREAK
2:15 - 3:15  5.  CONCRETE BARRIERS (+ VIDEOS)
3:15 - 3:45  6.  BRIDGE RAIL
3:45 - 4:45  7.  IMPACT ATTENUATORS (+ VIDEOS)
4:45 - 5:00  CLOSING