

International Symposium on Enhancing Highway Performance
7th International Symposium on Highway Capacity and Quality of Service
3rd International Symposium on Freeway and Tollway Operations

June 14 – 16, 2016, Berlin, Germany

Freeway Facilities Workshop Outline

Monday June 13th 9:00 AM–12:00 noon

Alexandra Kondyli (University of Kansas), Bastian Schroeder (Kittelson and Associates), and Kerstin Lemke (BASt)

1. Introduction and Overview (15 minutes) (Alexandra Kondyli)
 - a. Introduction of Participants
 - b. Review of Learning Outcomes
2. Overview of the HCM 6th Edition Chapters on Freeways (60 minutes)
 - a. Basic, Weaving, Merge, and Diverge Freeway Segments (Alexandra Kondyli)
 - b. Freeway Facilities (Bastian Schroeder)
3. Overview of the HCM 6th Edition Freeway Reliability (30 min, Bastian Schroeder)
 - a. Basic reliability concepts
 - b. Reliability method and applications
4. Overview of the HCM 6th Edition Chapters on ATDM (25 min, Alexandra Kondyli)
 - a. Basic ATDM concepts
 - b. ATDM method and applications
5. Overview of the HBS 2015 Chapters on Freeways (30 minutes) (Kerstin Lemke)
 - a. Basic, Weaving, Merge, and Diverge Freeway Segments
 - b. Freeway Facilities (“Netzabschnitte”)
6. Conclusion, Wrap-Up, and Questions (20 minutes) (Alexandra Kondyli)