Meeting Agenda:

I. Introductions

II. Presentation and Follow-up Discussion. See meeting notes on next page.
   a. AASHTO Green Book 7th Ed. updates, By: Jim Rosenow, MnDOT Flexibility Design Engineer

III. Brief items regarding Co-Chair opportunity and need for upcoming meeting topics

IV. Next Meeting: TBD
Meeting notes (refer to presentation posted on NCITE GDC webpage):

- Jim is Co-Chair of AASHTO Technical Committee on Geometric Design and begin his work with the committee in 2003
- The 7th Edition of the Green Book has been scheduled for release in 2018 and is on the verge of being published. Previous versions include ‘94, ’01, ’04, and ’11 (6th Ed.)
- Chapter 1 is being significantly re-written to emphasize performance-based, practical design, with much input based on NCHRP Report 839
  - The impetus for this was based on an Administrative Resolution from the Standing Committee on Highways a few years ago, driven by increased concern for urban mobility and safety for non-motorized users, as other publications have pointed out
- Updates take into account the huge amount of road design research happening right now
- Has some influence from awareness of majority of projects these days being 3R, but could be more and will be in future
- There was good discussion on PBPD accommodating primarily the primary user, and defining “design vehicle” versus “control vehicle”
- Other various updates:
  - More emphasis on non-motorized users and related design criteria
  - Update to superelevation transition flexibility
  - Median geometry updates
  - Noise abatement updates
  - More urban street lane width discussion
  - Chapter 8 “Freeways”, authored by Jim, now encourages right-sizing
  - Large reduction in intersection figures and tables
- Any schedule for adoption by FHWA and MnDOT?
  - Unfortunately, in the Code of Federal Regulations, the Green Book is adopted specifically by edition, so adopting this next edition will involve a revision to CFR language, which will likely take years.
    - It would be nice if it were referenced like the MUTCD, which states that the “most current edition” is adopted, therefore no CFR language revision is needed
  - Design exceptions help get around this in a way
- 8th Edition to be released in the somewhat near future, as a “full re-vamp” for implementing performance-based practical design