

NCHRP Project 03-126 Transportation Operations Manual

**Council on Highways & Streets Meeting
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AASHIO

Project Scope



Examine existing guidance/documentation



Identify gaps & logical sources of knowledge to fill them



Determine balance between explanatory material & effective practices



Conduct research & outreach as basis to draft the topic content



Perform an internal quality/completeness check



Develop/consider graphical elements to enhance communication of the concepts

Content

- **Foundational concepts**

- Definitions
- Functions
- Performance potential
- Business case

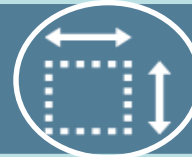
Strategic Concepts



- **Formal program:**

- Business and technical
- Organizational
- Workforce configuration
- Collaboration

Programmatic Processes & Arrangements



- **Relationships to project development process**

- Funding
- Exceptions to standards

Project Development



- **TSMO strategies in response to:**

- congestion
- safety
- environmental impacts

Tactical Elements



- **Address rapid change:**

- new technologies
- evolution of institutions
- new business models

Industry & Technology Trends



Presentation

- How will the potential audiences be **aware** of the Manual?

Visibility



- Media for the Manual:
 - paper document
 - electronic document
 - interactive website
 - combination?

Accessibility / Utility



- How will the Manual be searchable and customizable?
 - easy to find material
 - answer key questions

Customizable



- Easy to navigate
- Support user preferences
- How will the Manual be presented?

User Friendly



- How will the Manual material be updated or augmented?

Sustainability

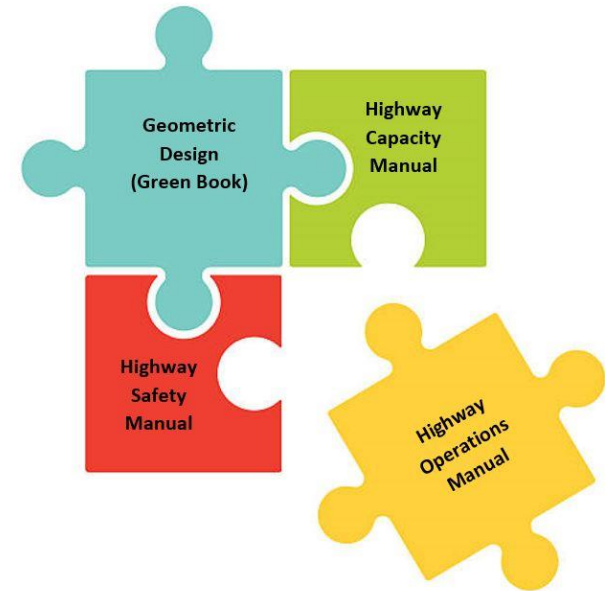


Stakeholder Input

- Executive level
 - Greg Johnson and Paula Hammond support
- CTSO and Panel meeting
 - Joint meetings
 - CTSO included in decisions
- Outreach at industry events
 - TRB, AASHTO, ITE, etc.
- AASHTO Technical Committee on Geometric Design
 - Coordination with Green Book update (version 8)

Coordination, Collaboration, Integration

- Green Book update
- Highway Capacity Manual
- Highway Safety Manual
- Other documents, efforts as identified



Important Cross-Overs with Green Book Update

- Performance-based design
 - Address needs
- Importance of context
- Consideration of all modes
 - Freight
 - Transit
 - Peds, bikes, etc.



Schedule

