National Cooperative Highway Research Program

AASHTO Highway SCOTE Presentation
State DOTs, AASHTO Committees, & FHWA submit problem statements by September 15

Panel reviews safety & operations problems in November

State DOTs ballot on problems by February

AASHTO Standing Committee on Research selects projects in March
SAFETY AND OPERATIONS REVIEW PANEL

- Drew Boyce (Delaware)
- Rick Collins (Texas)
- Benjamin Cottrell (Virginia)
- Lisa Fontana-Tierney (ITE)
- Leslie Fowler (Kansas)
- Tom Hicks (Maryland)
- Bill Lambert (New Hampshire)
- Dan Magri (Louisiana)
- Jim McGee (Nebraska)
- Larry Orcutt (California)
- Jim Willis (Mississippi)
- Joe Bared (FHWA)
- Ray Krammes (FHWA)
AASHTO Highway Subcommittees submit simple problem statements (<= $100,000) before AASHTO Spring and Summer Meetings.

Chairs of AASHTO Highway Subcommittees select during AASHTO Meeting.

Panel drawn from Subcommittee typically requests a sole-source proposal.
SYNTHESIS PROJECT (20-05) SELECTION PROCESS

- Anyone submits simple problem statements in February
- NCHRP 20-05 Panel selects 10-12 projects
- NCHRP announces program and solicits nominations for panel members
- Prospective consultants submit letter of interest.
Recent Publications

- NCHRP Report 674: Crossing Solutions at Roundabouts and Channelized Turn Lanes for Pedestrians with Vision Disabilities
- NCHRP Report 693: Attracting, Recruiting, and Retaining Skilled Staff for Transportation System Operations and Management
- NCHRP Report 705: Evaluation of Safety Strategies at Signalized Intersections
- NCHRP Report 707: Guidelines on the Use of Auxiliary Through Lanes at Signalized Intersections
Recent Publications (cont.)

- NCHRP Synthesis 412: Speed Reduction Techniques for Rural High-to-Low Speed Transitions
- NCHRP Synthesis 420: Operational and Institutional Agreements That Facilitate Regional Traffic Signal Operations
- NCHRP Synthesis 431: Practices to Manage Traffic Sign Retroreflectivity
- AASHTO Guide for Systems Operations and Management
Recently Selected Projects

- NCHRP 03-109, Update Section 2B.07 of MUTCD—Multi-Way Stop Control (Unsignalized Intersection Control Warrants/Criteria)
- NCHRP 03-110, Life Cycle Cost of Various Intersection Control Strategies
- NCHRP 07-21, Guidance for the Management of Traffic and Safety Assets
- NCHRP 07-23, Access Management in the Vicinity of a Freeway Interchange
- NCHRP 17-62, Improved Prediction Models for Crash Types and Crash Severities
Recently Selected Projects (cont.)

- NCHRP 17-63, Guidance for the Development and Application of Crash Modification Factors
- NCHRP 17-64, Guidance for the Implementation of the Toward Zero Deaths National Highway Safety Strategy
- NCHRP Legal 19-03, Effect of MUTCD on Tort Liability of Government Transportation Agencies
- NCHRP 20-07/336, Emergency Exit Signs Within Highway Tunnels
Recently Selected Projects (cont.)

- NCHRP Synthesis 44-13, Regional Operational Data Sharing Among Agencies
- NCHRP Synthesis 44-14, Permanent Signs Mounted on Median Barriers
UPCOMING PUBLICATIONS

- NCHRP 03-95, Guidelines for Timing Yellow and All-Red Intervals at Signalized Intersections
- NCHRP 03-96, Analysis of Managed Lanes on Freeway Facilities
- AASHTO Guide for the Development of Bicycle Facilities
- NCHRP 15-40, Design Guidance for High-Speed to Low-Speed Transition Zones for Rural Highways
- NCHRP 20-07/310, Determination of Current Levels of Retroreflectance Attained and Maintained by the State DOTs
HTTP://TRB.ORG/NCHRP