

AMERICAN ASSOCIATION OF
STATE HIGHWAY AND
TRANSPORTATION OFFICIALS



Funding Research Through AASHTO

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Planning and Policy

Overview

- Background
- NCHRP Research Program
 - Standing Committee Research
 - Scans
 - ❖ Domestic
 - ❖ International
 - Synthesis Program
- Other
 - Capacity Building
 - Transportation Pooled Fund
- Questions and Answers

Background

- NCHRP Created in 1962
- Administered by TRB
- Sponsored (funded) by AASHTO Member Departments
 - 5.5% of SP&R funds
- Run by the Standing Committee on Research
 - Chair: John Halikowski, Arizona DOT
 - AASHTO Liaison: Jim McDonnell

NCHRP RESEARCH PROGRAM



NCHRP Research Projects

- SCOR solicits research needs statements:
 - CEOs of the AASHTO member highway and transportation departments
 - Chairs of AASHTO's committees and subcommittees
 - Federal Highway Administrator
- Proposals due by Sept. 15 to nchrp@nas.edu
 - Proposals evaluated by NCHRP and FHWA
 - Submitters have opportunity to respond
- SCOR meets in mid-March to select projects for funding
 - RAC and Member States
- AASHTO Board of Directors must approve after SCOR

Standing Committee Research

- Designed to enable standing committees to conduct needed research
 - flexible, ongoing, quick-response
- Size/Duration: ~\$100k/~12 months
- Committees
 - Planning (08-36)
 - Highways (20-07)
 - Environment (25-25)
 - Public Transportation (20-65)
 - AASHTO Executive Committee (20-24)

Planning

(NCHRP 08-36)

- \$600,000
- Problem statements due April 1 each
 - <http://planning.transportation.org/research>
 - Panel meets in May to select projects
 - Consultants: Cambridge Systematics, Parsons Brinckerhoff, Rand Corporation
- Informal problem submission process
- Contact: Matt Hardy (mhardy@aaashto.org)
- <http://144.171.11.40/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=909>

Highways

(NCHRP 20-07)

- \$1.2 M
- Money allocated twice a year at AASHTO Spring and Annual Meeting (May and October)
 - Problem statements due 2 weeks prior
 - <http://www.transportation1.org/nchrp/20-7/>
- Selected projects typically “filter up” through subcommittees
- Contact: Jim McDonnell (jimm@aaashto.org)
- <http://144.171.11.40/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=509>

Environment (NCHRP 25-25)

- \$600,000k Problem statements due September 1
 - TERI Database
 - ❖ http://www.environment.transportation.org/teri_database/suggest_idea.aspx
 - Panel meets in December to select projects
- Problem statements come from TERI database
 - Also submit NCHRP problem statements
- Contact: Shannon Eggleston (seggleston@aaashto.org)
- <http://144.171.11.40/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=761>

Public Transportation (NCHRP 20-65)

- \$450,000
- Problem statements due June 1
 - Submit through the NCHRP liaison Gwen Chisholm Smith (gsmith@nas.edu)
- Contact: Shayne Gill (sgill@aashto.org)
- <http://144.171.11.40/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=650>

AASHTO Executive Committee

(NCHRP 20-24)

- \$1.25 M
- Money allocated twice a year at AASHTO Spring and Annual Meeting (May and October)
 - Problem submissions need to go through State DOT CEO or Standing Committee Chair
 - Filtered through AASHTO committee liaisons
- Contact:
- <http://144.171.11.40/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=560>

Domestic Scans

(NCHRP 20-68A)

- \$500k
- NCHRP 20-68A project panel selects scans
 - 4 scans per year with 8-12 participants
- Proposed scans due November 1 for next FY
 - <http://www.transportation1.org/nchrp/20-68A/Default.aspx>
- Contact: Marty Vitale (mvitale@aaashto.org)
- <http://144.171.11.40/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=1570>

Synthesis Program

(NCHRP 20-05)

- \$1.5 M for FY 2012
- Purpose
 - Reports on current knowledge and practice
 - Compact form
 - Not detailed directions (e.g., handbooks or design manuals)
- Topics due by January 31
 - <http://www.trb.org/SynthesisPrograms/Public/SynthesisProposalForm.aspx>
- Contact Jon Williams (jwilliams@nas.edu)
- <http://www.trb.org/Studies/Synthesis/Syntheses.asp>

OTHER

Capacity Building

- US DOT funding
 - SCOP Subcommittee on Capacity Building works with FHWA Office of Planning to identify projects to fund
 - ~\$200k per FY
- Proposed projects due September 1
 - ❖ http://planning.transportation.org/Pages/CB_Proposal_Submission.aspx
 - ❖ Peer exchange, workshops, conference travel, etc.
- Contact: Matt Hardy (mhardy@aaashto.org)

Transportation Pooled Fund

- Sponsored by FHWA
 - Initiated by federal and state transportation agencies
 - Local, regional, private sector, foundations, education may contribute
- Authorized individuals able to initiate
 - www.pooledfund.org
- Led by states, AASHTO, federal, or TRB