

NCHRP Project Identification and Submittal

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AASHTO's RESEARCH PROGRAM -SINCE 1962-

- ◎ State DOTs
 - Funds (5.5% of State Planning & Research (SPR) funds)
 - Problem Statements can only be submitted by state DOTs, AASHTO Committees, & FHWA
 - Generally about 50% of the project oversight panel members
- ◎ Applied research
 - National and shared issues
- ◎ Contract research
 - Oversight/guidance by expert panels
 - Research by contractors
 - Facilitation by staff

COOPERATIVE RESEARCH PROGRAMS

Program	Funded Years	Annual Budget	Partners
NCHRP (Highway)	1962-	\$38M	FHWA, AASHTO
TCRP (Transit)	1992-	\$3.5M	FTA, APTA
ACRP (Airports)	2004-	\$15M	FAA, ACI
NCFRP (Freight)	2006-12	\$0	RITA
HMCRP (HazMat)	2006-12	\$0	PHMSA
NCRRP (Rail)	2010	\$0	FRA

APPLIED RESEARCH

- ⊙ Recommended AASHTO Guides and Specifications
- ⊙ Guides for practitioners
- ⊙ Software products
- ⊙ New or improved models/tools
- ⊙ New or improved operations and services
- ⊙ New or improved testing/evaluation techniques
- ⊙ Fact finding (white papers)

NCHRP SPECIAL PROJECTS

- ◎ Synthesis Program (20-05, \$1.75M)
- ◎ NCHRP-IDEA (20-30, \$1.25M)
- ◎ US Domestic Scan Program (20-68, \$600K)
- ◎ Legal Studies (20-06, \$350K)

Quick Response for AASHTO

- ◎ Adm. of State DOTs (20-24, \$1.25M)
- ◎ Highways Cmte. (20-07, \$1.2M)
- ◎ Planning Cmte. (08-36, \$600K)
- ◎ Environmental Cmte. (25-25, \$600K)
- ◎ Public Transportation Cmte. (20-65, \$450K)

NCHRP PROJECT SELECTION PROCESS

- State DOTs, AASHTO Committees, & FHWA submit problem statements by **OCT 15**
- Evaluation panel and FHWA review all safety and operations submittals by December (panel includes Kevin Lacy & Bill Lambert)
- State DOTs ballot on problems by February
- AASHTO Standing Committee on Research selects projects in March

QUICK RESPONSE PROJECT (20-07) SELECTION PROCESS

- AASHTO Highway Subcommittees submit simple problem statements (\leq \$100,000) before AASHTO Spring and Fall 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 on website
- NCHRP 20-05 Panel selects ~12 projects
- NCHRP announces program and solicits nominations for panel members in May
- Prospective contractors submit letters of interest