

AASHTO'S AUTHORIZATION RECOMMENDATIONS FOR RESEARCH FUNDING

Monique Evans. P.E., CPM

SCOR's Approach to Authorization

- Modest increase in size & number of high-priority national R&T programs
- Fix unintended consequences of SAFETEA-LU's oversubscription of Title 23
- Support management practices that ensure high-quality results

State Planning & Research (SPR)

The SPR program allows states to address their critical transportation needs, which are unique and constantly changing.

- Maintain current 2% formula drawdown
- Maintain 25% min. for research

FHWA Core Research & Technology

Ensure sufficient and flexible funding for FHWA to carry out its mission in national highway research and innovation.

\$200 mil/yr for FY 2010

- Provide flexible funding for FHWA R&T Program
 - ▣ Funding should be sufficient, un-earmarked & non-designated
 - ▣ Funding should cover full range of R&T activities
- Fund other Congressionally designated national programs separately
- Support a Robust International Outreach Program
- Make the match for Advanced Research Discretionary

SHRP2 - Research

Continue research funding for two more years to carry out work omitted due to funding reductions in SAFETEA-LU.

\$50 mil/yr

5 - FY 2010

- Provide funding in Title 1 as originally proposed
- Administer the research through the National Academy of Sciences (NAS).

SHRP2 - Implementation

Fund the activities originally proposed to put the SHRP2 research into practice.

- Implementation for Renewal, Reliability and Capacity
 - ▣ \$12.5 mil/yr FY 2010 – 2011
 - ▣ \$50 mil/yr FY 2012 – 2015
- Long-term Stewardship, Analysis and Training
 - ▣ \$12.5 mil/yr FY 2010 – 2011
 - ▣ \$25 mil/yr FY 2012 – 2015
- Administer the implementation through FHWA.

TCRP, NCFRP & HMCRP

Increase support for TCRP, NCFRP and HMCRP.

- TCRP
 - ▣ \$13.5 mil/yr FY 2010 – 2015
- NCFRP
 - ▣ \$12 mil/yr FY 2010 – 2015
 - ▣ Review to ensure sufficient representation from state DOTs and all freight modes.
- HMCRP
 - ▣ \$5 mil/yr FY 2010 – 2015

Environmental & Planning CRP

Initiate an Environment and Planning Cooperative Research Program (EPCRP).

\$15 mil/yr
for FY 2010
- 2015

- Administered by TRB
- Establish a Governing Board
 - ▣ 50% DOT - 50% other stakeholders
- Coordinate with the FHWA STEP

National Pavement Performance Database – LTPP Implementation

Establish the NPPD to implement the results of the Long Term Pavement Performance Program.

\$10 mil/yr
for FY 2010
– 2015

- Establish the National Pavement Performance Database (NPPD)
 - ▣ Complete data collection
 - ▣ Provide database security & maintenance
 - ▣ User support
 - ▣ Monitor test sections
 - ▣ Refine database
 - ▣ Analyze data
 - ▣ Develop products

Research Deployment Program

Initiate a new Research Deployment Program.

\$5 mil/yr for FY 2010 – 2015

- Facilitate the deployment of successful research products
- Guided by stakeholders (ultimate users)

New Data & Information Title

Establish a new title within the legislation that covers “Data and Information,” including funding for the Bureau of Transportation Statistics (BTS).

- Increase funding to ensure sufficient staffing for BTS
- Reinstitute the National Household Transportation Study
- Continue the Commodity Flow Survey
- Fund the National Transportation Library

TKNs + Coordination & Collaboration

Establish programs for Transportation Knowledge Networks (TKNs) and coordination & collaboration within the new “Data and Information”

- Transportation Knowledge Networks
 - ▣ \$18 mil/yr FY 2010 – 2015
 - ▣ Administered by the NTL
 - ▣ Include seed grants to state DOTs to start libraries and enter publications into OCLC
- Coordination and Collaboration
 - ▣ \$5 mil/yr FY 2010 – 2015

University Transportation Centers

Continue
the UTC
program

- Maintain current funding at \$70 mil/yr
- Reduce required match from 50% to 20%
- Allow match from other federal-aid programs in addition to SPR and LTAP, including non-DOT federal funds
- Competitively select all UTCs
- Conduct independent evaluation of UTC program effectiveness

Training and Education

Support
NHI,
LTAP/TTAP
, Garrett
Morgan,
Eisenhower
Fellowships,
and other
capacity
building
programs.

- LTAP/TTAP
 - ▣ Increase funding from \$11 million to \$20 million annually
 - ▣ Reduce required match from 50% to 25%

SCOR's Summary Recommendations

- Maintain SPR program with 25% for R&T
- Provide FHWA with sufficient and flexible funding to deliver its core program
- Fund strategic national R&T programs over and above FHWA's core R&T program
- Support of training, data & knowledge-related activities is important
- Cap UTC funding, decrease required match, increase competition and independently evaluate the program



Monique R. Evans, P.E., CPM

Ohio Department of Transportation Office of Research & Development

1980 West Broad St. Columbus, Ohio 43223 614-728-6048

monique.evans@dot.state.oh.us

www.dot.state.oh.us/divisions/planning/research