Transportation Research Funding

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Indiana Department of Transportation
Division of Research and Development
- SAFETEA-LU (Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users)
  - State Planning and Research Part II
    - State research program (80/20 matching)
    - Cooperative Research Programs (managed by Transportation Research Board) – (100% Federal fund)
    - Pooled Fund Studies (100% Federal fund)
Sources of Research Funds

- SAFETEA-LU
  - FHWA Research Programs ($200M/year, 100% federal fund)
    - Earmarked for designated programs
    - Innovative Bridge Research and Development
    - Highway for Life
    - Other programs
Sources of Research Funds

- SAFETEA-LU
  - University Transportation Centers (matching)
  - FHWA Training and Education programs (100% federal fund)
  - Intelligent Transportation System (ITS) Research and Development (100% federal fund)
  - Data and Knowledge-Related Activities (100% federal fund)
Origin of the SPR Funds

- Interstate Management (IM),
- National Highway System (NHS),
- Surface Transportation Program (STP),
- Congestion Mitigation and Air Quality (CMAQ),
- Highway Bridge Replacement and Rehabilitation Program (HBRRP), and
- Highway Safety Improvement Program (HSIP)
### Matching Fund for SPR

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<th>Federal Gas Tax</th>
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80/20 matching
Proposal in Congress

- AASHTO SCOR
  - Modest increase in size and number of high priority national Research and Technology programs
  - Fix unintended consequences of SAFETEA-LU’s oversubscription of Title 23
  - Support management practices that ensure high quality results
Proposal in Congress

- State Planning and Research (SPR) Part II Fund – Research and Technology Portion
  - Maintain current 2% formula drawdown
  - Maintain 25% minimum for research
  - Allows States to address their critical transportation needs which are unique and constantly changing
Proposal in Congress

- FHWA Core Research and Technology
  - 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
Cooperative Programs

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
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
- $10M/year
Proposal in Congress

- Research Deployment Program
  - Administered by FHWA
  - Facilitate the deployment of successful research products
  - Guided by stakeholders (ultimate users)
  - $5M/year
University Transportation Centers

- Maintain current funding at $70 mil/year
- 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 (LTAP/TTAP)

- Increase funding from $11 million to $20 million annually
- Reduce required match from 50% to 25%
SCOR 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