Bridge Research, Technology, and Education (RT&E) Provisions Under MAP-21

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RT&E Before SAFETEA-LU

- Bridge RT&E funding allocated in 2 pots:
  - Surface Transportation Research (STR) = ~$14.5 million for bridge R&D (~$2.5 million earmarked)
  - Technology Deployment Program (TDP) = $21 million for IBRC
RT&E Funding Under SAFETEA-LU

- SAFETEA-LU authorized $196 million for RD&T (Title V)
- Earmarks and Designations required ~$234 million
- Net effect = ~70% funding available for authorized programs
- FY 2006 Bridge & Structures:
  - authorized funding ~$30 million
  - actual funding ~$21 million (~$9 million IBRD, ~$5.5 million LTBP)
RT&E Funding Under SAFETEA-LU

Following the 2008 SAFETEA-LU Technical Corrections Bill:

- FY 2010 Bridge & Structures
  - authorized funding ~$29.3 million
  - actual funding ~$25.5 million (~$11.4 million IBRD, ~$6.75 million LTBP)
- Also included ~$4 million for TFHRC facility and research capability investments
MAP-21 RT&E Philosophy and Principles

- Continue principles of Competition and Peer Review
- Emphasis in Technology Deployment
- Funding level reduced by about 17% overall
- Flexible program – no earmarks
- Training and Education program continues
- Adds Centers for Excellence to Title 23
- RITA programs continue
## Authorized Funding for RT&E Programs

<table>
<thead>
<tr>
<th>Program</th>
<th>FY-2013</th>
<th>FY-2014</th>
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<tbody>
<tr>
<td><strong>FHWA-Administered Programs:</strong></td>
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<tr>
<td>Highway Research and Development (HRD)</td>
<td>$115.0M</td>
<td>$115.0M</td>
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<tr>
<td>Technology and Innovation Deployment Program (TIDP)</td>
<td>$62.5M</td>
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<tr>
<td>Training and Education (T&amp;E)</td>
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<td><strong>RITA-Administered Programs:</strong></td>
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<td>Bureau of Transportation Statistics</td>
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<td>University Transportation Centers</td>
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<td>Intelligent Transportation Systems Research</td>
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<td><strong>Total:</strong></td>
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<td><strong>$400.0 M</strong></td>
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<td><strong>State-Administered Funds:</strong></td>
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<tr>
<td>State Planning &amp; Research (SPR Research) – Title I Funds</td>
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<td>$184.0 M</td>
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Highway Research and Development

- $115 M per FY (2013-14)
- Program areas:
  - Infrastructure
  - Safety
  - Planning and Environment
  - Operations
  - Policy
  - Exploratory Advanced Research
Technology & Innovation Deployment Program

- $62.5 M per FY (2013-14)
  - SHRP2 Implementation
  - Every Day Counts initiatives
  - Demonstrations
  - Pilots and Testing
  - Accelerated Innovation Deployment
  - $12 M for Pavement Technology Deployment
RT&E Funding Summary Under MAP-21

- Only one designation (pavement deployment = $12 million)
- Therefore, RD&T funds can be invested strategically to address agency and stakeholder needs and priorities
RD&T Investments In FY 11 & FY 12

- IRT-EB (Infrastructure Research & Technology – Executive Board) selected 14 high priority initiatives, and >100 projects for funding from the agency-wide multi-year (thru 2017) Infrastructure Strategic Plan
RD&T Investments In FY 13 & FY 14

- IRT-EB will therefore program funds to continue support for ongoing infrastructure projects, other projects on the multi-year roadmap, and MAP-21 priority needs including:
  - Bridge Safety Inspection
  - Tunnel Inspection Database & Implementation
  - Bridge Safety Training
  - Long-Term Bridge Performance Program
Questions?

Comments?