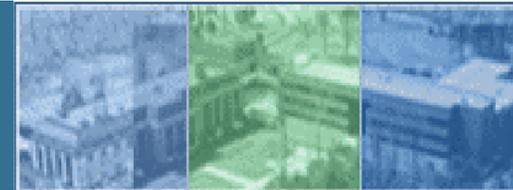


Bridge Research, Technology, and Education (RT&E) Provisions Under MAP-21

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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

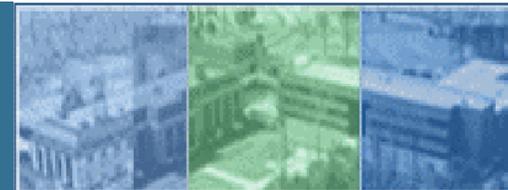




MAP-21 RT&E Philosophy and Principles

- 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

Program	FY-2013	FY-2014
FHWA-Administered Programs:		
Highway Research and Development (HRD)	\$115.0M	\$115.0M
Technology and Innovation Deployment Program (TIDP)	\$62.5M	\$62.5M
Training and Education (T&E)	\$24.0M	\$24.0M
RITA-Administered Programs:		
Bureau of Transportation Statistics	\$26.0M	\$26.0M
University Transportation Centers	\$72.5M	\$72.5M
Intelligent Transportation Systems Research	\$100.0M	\$100.0M
Total:	\$400.0 M	\$400.0 M
State-Administered Funds:		
State Planning & Research (SPR Research) – Title I Funds	\$183.0 M	\$184.0 M





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

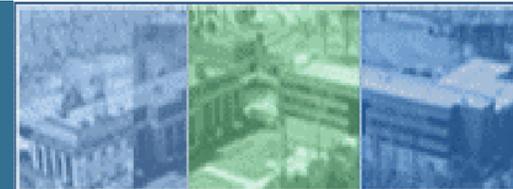




RT&E Funding Summary Under MAP-21

- 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?

