Moving Innovation Into Practice

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Presentation Outline

- Program direction
- Implementation
- Practice
- Public outreach
- Evaluation
Program Direction

- Establish goals
- Understand the risks
- Recognize benefits
Implementation

- Research
- Get involved nationally
- Market internally and externally
- Perform scanning tours
- Conduct pilot project
- Identify program of projects
Implementation

PBES; Hoytsville Road over I-80 (Wanship); Design-Bid-Build
Program of projects

- Prescriptive projects – gain experience
  - Design-Bid-Build
  - Construction Manager General Contractor (CMGC)

- Performance projects – innovations led by contractor
  - Design-Build
Implementation

- Conduct workshops
- Establish common applications
- Provide training
- Obtain feedback
- Share lessons learned
Practice

- Integrate innovation
- Perform projects
Integrate innovation

- Develop common details
- Establish policies, procedures and specifications
- Provide training and technical support
Public Outreach

- Continue industry communication
- Implement marketing and messaging plan
- Prepare visual animations
Lessons learned

- Perform program review
- Find program deficiencies
- Repair deficiencies
- Review design decisions
- Measure design assumptions vs. reality
Evaluation

- Public support
  - Value added to the public
  - Societal costs minimized
  - Public support for innovation
  - Political capital
Evaluation

Have you seen or heard of this new ABC method of constructing bridges?

- 93% Yes
- 6% No
- 1% Don’t know

Source: 2011 UDOT Annual Survey
Knowing that ABC reduces traffic congestion and road closures, but increases costs, do you favor or oppose UDOT continuing to use ABC to build bridges on its major highways?

- **59%** Strongly favor
- **32%** Somewhat favor
- **4%** Somewhat oppose
- **2%** Strongly oppose
- **3%** Don't know

Source: 2011 UDOT Annual Survey
Thank You!

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