Introduction and ABC Program
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Why ABC?

- Respond to public needs
- Pursue bridge construction strategies that limit impact to users
- Establish goals to define the vision

Implementation Process

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

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 Process

- Conduct workshops
- Develop common details
- Provide training
- Obtain feedback
- Share lessons learned

Implementation Process

- Communicate, communicate, communicate
- Implement marketing and messaging plan
- Prepare visual animations
Implementation Process

ABC Policy

- Department focus and project driven
- ABC decision making procedure
- ABC manuals and specifications
  - Structures Design and Detailing Manual (SDDM)
  - Project Delivery Network (PDN)
  - Standard specifications and special provisions
INTRODUCTION AND ABC PROGRAM 2017 UTAH DOT’S ACCELERATED BRIDGE PROGRAM

ABC Policy

Program

- Establish goals
- Understand the risks
- Recognize benefits
Program

- Integrate innovation
- Perform projects

Standardization

- Establish expectations
  - Develop common details
  - Provide training and technical support
  - Obtain feedback
Cost Impacts

- Costs
- Costs
- Costs

Lessons Learned

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

- Project specific
- Global perspective

Lessons Learned

- Public Support
- Political Capital
- ABC
- Design-Build
- CMOC at Risk
- RFP
- Total Project Cost
- Social Costs
- Total Closure
- Land Theft
- Limitations of Operations
- Incentives, Disincentives
Lessons Learned

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

- What does the public think UDOT does?

Source: 2011 UDOT Annual Survey
Thank You!

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