Rapid Replacement Bridge Project

Presentation to the Public Private Transportation Partnership Board

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Why P3

• Replace Structurally Deficient Bridges More Quickly
  – Standardization of Design and Construction

• Better Value to Taxpayers
  – Economy of Scale Savings
  – Lower Life Cycle Costs

• Frees up dollars for other projects
Project Goals & Objectives

• Accelerate Construction of SD Bridges
• Reduce negative impacts statewide
• Continue to ensure the public safety
• Minimize impact on traveling public
• Improve system connectivity and mobility for commerce
Eligible Bridges

- Structurally Deficient
- Full Replacements
- Single and Multi-Spans
- Representative of PennDOT Portfolio
- County / Local Bridges that meet the criteria
Project Structure

- Availability Payments / Not Tolls: State will make performance based payments.
- Selected bidder will be responsible for:
  - Design
  - Construction
  - Financing
  - Operation (Lifecycle Maintenance)
Procurement Process

- Industry Forum(s) prior to RFQ

- Two Step Process
  - RFQ with shortlist
  - RFP issued to shortlisted firms

- Best Value Selection: Combination of price and technical approach
Opportunity for Pennsylvania Contractors

- Much of the construction will be done by local contractors. All contractors performing construction must be prequalified.
- Brings future funding and projects forward at lower project delivery costs.
- Frees up dollars, now and in the future, for additional traditional projects.
Opportunity for Pennsylvania Engineers

• Bridges with existing design contracts excluded

• Existing non-design consultant contracts are expected to continue

• Increase in total projects requiring consultants
  – Environmental Clearances
  – Right of Way Acquisition
  – Utility / Railroad Coordination

• New design opportunities from PennDOT and private bidders
Next Steps

• Identify and prioritize specific bridges
• Decision on project split
• Industry Forum(s)
• RFQ
• RFP
Some Key Issues to Address

• Project split / Bid Packages

• Specific and transparent criteria for Pre-Qualification and Award

• Project Administration
  – Sequencing / District Coordination – Project detours, commercial/industrial access, etc.

• Length of Maintenance Requirement and Handback Condition Requirements

• Contingencies – Bridge Substitution / Claims
Guidance, Direction and Feedback

- Transparent Process
- Public Input
- Industry & Stakeholder Outreach
Contact Information

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