

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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