AGENDA

• Call to Order
• Roll Call
• Adoption of 05.30.19 Meeting Minutes
• Chair’s Remarks
• Approved Project Updates
• New Business
• Other Business
• Public Comments
• Adjournment
APPROVED PROJECT UPDATES
COMPRESSED NATURAL GAS (CNG) FUELING STATIONS FOR TRANSIT AGENCIES
PURPOSE

• Partner with Development Entity to supply Compressed Natural Gas (CNG) to 25 transit facilities and 1,000 buses throughout the Commonwealth

• Require Development Entity (Trillium CNG) to make safety upgrades and design, build, finance, operate and maintain stations

• Provide access to commercial CNG fueling stations for private vehicles and fleets
CHALFONT MITIGATION BANKING
PURPOSE

• Develop 140 acres of PennDOT-owned land in Chalfont, Bucks County

• Chalfont Site is located in Central Delaware Watershed

• Development Entity will design, build, finance, operate, and maintain site

• Provide on-demand wetland mitigation credits for PennDOT projects

• Development Entity may sell excess credits with opportunity for revenue sharing
RAPID BRIDGE REPLACEMENT PROJECT
PROJECT BENEFITS

• Replaced poor condition bridges more quickly
  o Standardization of design techniques and construction methods

• Better value to taxpayers
  o Higher construction quality
  o Economy of scale savings (through standardization)
  o Lower maintenance costs expected

• Allowed for fiscal certainty

• Use of PA-based contractors and designers

• 25 year Maintenance Term
558 poor condition bridges will be replaced

Utilization of SEP-15 allowed the DE to develop the NEPA documents in a streamlined, efficient manner

Implemented processes to ensure all design submissions were automated and set up tracking processes that can be utilized on future projects

Construction innovations
## RBR CURRENT STATUS

### RBR Bridges Constructed by Year

<table>
<thead>
<tr>
<th>Year</th>
<th>RBR Bridges Constructed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>44</td>
</tr>
<tr>
<td>2016</td>
<td>127</td>
</tr>
<tr>
<td>2017</td>
<td>217</td>
</tr>
<tr>
<td>2018</td>
<td>143</td>
</tr>
<tr>
<td>2019</td>
<td>25</td>
</tr>
<tr>
<td>2020</td>
<td>2</td>
</tr>
</tbody>
</table>

### Construction Completed

- **556**

### Under Construction

- **2**

*Over 99.6% of bridges built and open to traffic*
LESSONS LEARNED
PRIMARY LESSONS LEARNED THEMES

• PennDOT Procurement & Asset Selection

• PennDOT and Development Entity Shared Requirements

• Development Entity Performance

• PennDOT Requirements for Project Management
LESSONS LEARNED
OUTREACH

• AASHTO Annual Meeting (St. Louis, MO)
• AASHTO Standing Committee on Bridges and Structures (Montgomery, AL)
• APC Bridge Committee (Harrisburg)
• ARTBA P3 Northeast Regional Meeting (Philadelphia)
• March of Dimes Transportation, Building and Construction Awards (Harrisburg)
• Transportation Asset and Infrastructure Management Conference (State College)
• TRB Annual Workshop on Transportation Law (Cleveland, OH)
SPONSORSHIP AND ADVERTISING
PURPOSE

• Partnered with consultant to utilize PennDOT assets in revenue generation

• Provides free assistance to motorists on Pennsylvania’s busiest interstates

• Offsets operational costs incurred by PennDOT and Pennsylvania Turnpike Commission (PTC)

• Enhances safety of the traveling public, increases efficiency and lessens congestion
FUTURE ACTIVITIES

• Initial contract expired March 2019

• RFP issued in May 2019 to identify partner to develop and execute a marketing and sponsorship program

• Major work tasks include the identification of sponsors for the Freeway Safety Service Patrol and Rest Areas/Welcome Centers

• Anticipated contract execution in early 2020
NORTHAMPTON COUNTY BRIDGE RENEWAL PROGRAM
DISTRICT 4-0
INTERSTATE BRIDGES
DISTRICT 4-0
INTERSTATE BRIDGES

Inset is located north on I-81 in Ashley, PA, a borough in Luzerne County, one mile from Wilkes-Barre.
NEW BUSINESS

Presentation and Consideration of Interstate 81 P3 Corridor Project

Approval of Updates to the P3 Implementation Manual & Guidelines

Unsolicited Proposals Update

Strategic Direction
BACKGROUND

PROJECTS ON THE 12 YEAR PROGRAM

- Interstate 81 Reconstruction Project from Scranton to Moosic
- 15 bridges approved by P3 Board in November 2018
Fifteen (15) interstate bridges in Luzerne County were identified for replacement by PennDOT District 4-0 due to their condition and age.

**Approach**

- **Original Intent** – Complete reconstruction of the 3 groups as Design-Bid-Build and Design-Build projects.
- **Current Concept** – Approval to proceed using Design-Build Best-Value (DB-BV) alternative delivery selection approved by P3 Board in November 2018.
• Design-Build Best-Value concerns received from industry

• Delivery method re-analyzed

• Focused on 8 bridges near Wilkes-Barre
  o Efficiencies
  o Long-term bridge design considerations
  o Long-term corridor vision
    ▪ Safety, Mobility
CONSIDERATIONS

• Bridge design
  o Need to bring bridges to current design standards
  o MPT

• Long-term corridor vision
  o Safety
  o Mobility

• Efficiencies
  o MPT
  o Construction Approach
    ▪ Schedule
    ▪ Means & Methods
Reconstruction/Widening of 4.5 miles of I-81 to 3 lanes in each direction

Reconstruction includes realignment of a 2.5 mile section of I-81 SB

Replacement construction of 8 bridges

Construction of 1 new bridge

Widening of 2 existing interstate mainline bridges

Elimination of 6 bridges – 3 interstate and 3 state highway

Redesign of Blackman Street and Allan Road intersections

Safety & Mobility improvements

Maintenance of structural components for both bridges and pavement

Specify appropriate handback requirements for both bridge and pavement assets at contract term
APPROVAL OF UPDATES TO THE P3 IMPLEMENTATION MANUAL & GUIDELINES
UNSOLICITED PROPOSALS UPDATE
STRATEGIC DIRECTION FOR P3 OFFICE
P3 BOARD MEETING

- Other Business
- Public Comments
- Adjournment

NEXT MEETING:
Spring 2020