

Port Newark – Port Street Corridor Improvements – Project Re-Authorization and Award of Contracts

Committee on Capital Planning, Execution and Asset Management
October 20, 2016

Project Area / Benefits



- Improve roadway safety
- Maintain State-of-Good Repair (SGR)
- Reduce vehicle travel and idling times
- Reduce fuel consumption and associated air emissions
- Generate 260 direct job-years, \$25 million in direct wages and \$171 million in regional economic activity over the life of the project

Project Scope



Key Drivers for Project Increase

- **Site conditions and external stakeholder operational requirements unknown at preliminary design**
 - Increased bridge structural and foundation work
 - Additional construction staging and increased contaminated soil
 - Further restricted hours of work
- **Cost escalation due to increased construction duration**
 - Added 21 months for external stakeholder requirements and increased construction work
- **Increased utility relocation work**
 - Additional utilities required relocation based on final design

Lessons Learned

- **Obtain site access in preliminary design to perform underground utility survey in close coordination with utility owners**
- **When appropriate, perform additional subsurface investigations**
- **During preliminary design incorporate appropriate contingency for unknown costs of identified risks**
- **Address stakeholder requirements earlier in the design process**

Project Cost and Construction Schedule

Project Cost:

	<u>Authorized:</u>	<u>Re-Authorization:</u>
Construction (TCC)	\$ 69.6M	\$ 94.2M
Planning & Engineering Support	16.7M	18.2M
Project Contingency	9.1M	5.7M
Site Acquisition	0.8M	0.1M
Agency Allocations	<u>8.8M</u>	<u>14.4M</u>
TOTAL PROJECT COST:	\$105.0M	\$132.6M

Construction Schedule: May 2017 - November 2022