





William V. Roth, Jr. Bridge (DE Route 1)

Pennoni

Bridge – owned & maintained by USACE, Philadelphia District

Road – owned by USACE & maintained by DelDOT (approx. 1 mile)

• A.K.A. Korean War Veterans Memorial Highway

Traffic Data:

- 2023 ADT: 77,480 vpd
- Expressway/Freeway
- 6-lane divided highway
- Speed Limit: 65 mph

























St. Georges Bridge (US Route 13)

 Bridge – owned & maintained by USACE, Philadelphia District

- Road owned by USACE & maintained by DelDOT (approx. 1.25 miles)
 - A.K.A. South DuPont Highway

Traffic Data:

- 2023 ADT: 10,827 vpd
- Minor Arterial
- 2-lane divided highway with Bike Lanes
- Speed Limit: 45 mph



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St. Georges Bridge (US Route 13) USACE Solicitation No.: IFB W912BU22B0015 Contract: Deck Replacement and Miscellaneous Repairs Sub to J. D. Eckman Tasks: Drafting Temporary Traffic Control Plans Contractor Quality Control (CQC) Soil Characterization (HAZMAT Testing) Geotechnical Investigation & Testing Cast in Place Concrete Coring & Testing Construction - 18 months Start: April 2023 End: October 2024







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Reedy Point Bridge (DE Route 9)

- Bridge owned & maintained by USACE, Philadelphia District
- Road owned by USACE & maintained by DelDOT (approx. 1.25 miles)
 - A.K.A. Port Penn Road
- Traffic Data:
 - 2023 ADT: 2,216 vpd
 - Major Collector
 - 2-lane undivided highway
 - Speed Limit: 50 mph





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Reedy Point Bridge (DE Route 9)

 Single Lane operation with Temporary Traffic Signal needed at 3 locations along the bridge to facilitate concrete repairs at 4 piers and 1 abutment

- Required traffic analysis to determine appropriate timings
- Timings were adjusted during construction due to weekend summer traffic









Lessons Learned

- ► Communication & Coordination
- Improved Worker Safety requires Innovation
- ► Field Modifications to Temporary Traffic Control
 - Lane Configurations
 - Signal Timings

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