

Virtual Pre-Bid Meeting August 4, 2021

Contract No. CM-590A Northampton Street Toll-Supported Bridge Rehabilitation Construction Management / Construction Inspection Services

AGENDA

- 1. Introductions
- 2. Scope of Construction
- 3. Construction Specifications
- 4. Construction Milestones
- 5. CM/CI Proposal
- 6. Contract Compliance / IBE Participation
- 7. Schedule / Work Hours / Staffing
- 8. Proposal Submission Requirements
- 9. Proposal Schedule
- **10. Attachments**
- 11. Question & Answer

Please hold all questions to the end of the presentation. Use the Chat option in MS Teams to indicate that you have a question.

Verbal responses to consultant questions are not considered official. Only questions submitted in writing to the Commission will be answered and considered official. Responses that change the content of the RFP will be changed through an Addendum.



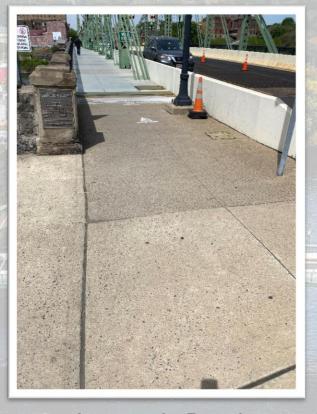
Northampton Street Toll-Supported Bridge

- 3 span, double cantilever truss (125'-300'-125')
- Originally constructed in 1895 1896
- Significant repairs in 1957 after the 1955 flood damage
- Prior rehabilitation in 1990 & 2002
- 3 lanes of traffic
- Current load posting 3 tons



Scope of Construction

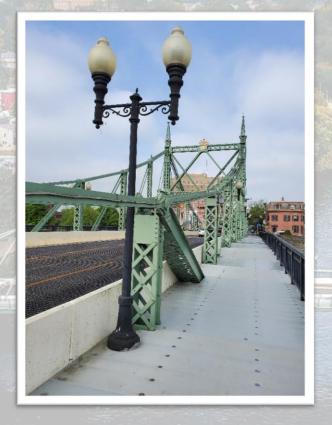






<u>Approach Roadway:</u> Replace isolated existing concrete sidewalk and curb.







Ornamental Highway/Sidewalk Lighting: Replace existing lighting fixtures with LED fixtures, supports, conduit and wiring.





<u>Architectural Lighting</u>: Replace existing light fixtures with LED fixtures and control system.





<u>Electrical</u>: Replacement of existing services (2) with a single three-phase service. Replacement of the existing back-up generator, various electrical panels, junction boxes, conduit, and wiring.





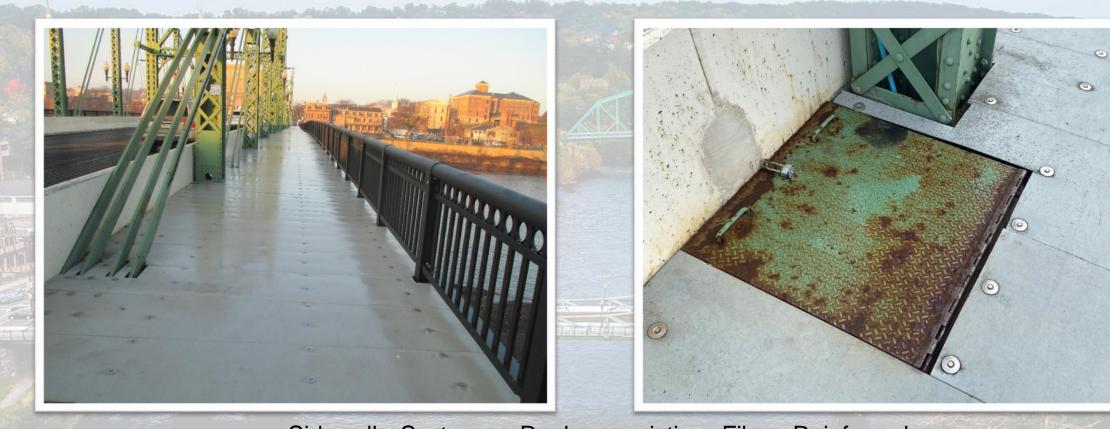


<u>Electronic Surveillance System (ESS)</u>: Protection of existing facilities during construction, temporary removal and reinstallation of select components, and replacement of electrical feed and fiber communication line.



Overhead Lane Use Signals: Protection of existing facilities during construction and replacement of electrical feed.





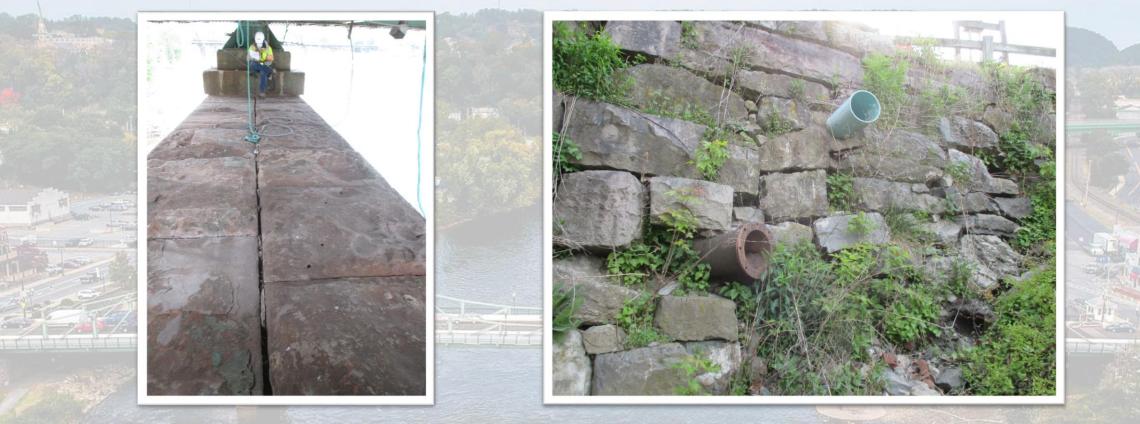
Sidewalk System: Replace existing Fiber Reinforced Polymer (FRP) sidewalk decking with new closed-cell FRP panels spanning from panel point to panel point, including new access hatches with tie-off provisions, and cutouts in panels at truss components and railing posts.





<u>Steel Repairs</u>: Perform various structural steel repairs to supplement existing section loss, replace components in-kind, and restore missing components. Also includes removal of unused or insignificant components or appurtenances and installation of high strength bolts in open holes or in place of existing corroded rivets.





<u>Substructure and Pylon Repair</u>: Repoint missing or loose masonry at the abutment faces, pier caps, and northwest wingwall. Install mortar and stone masonry within the large gaps at the southeast masonry wingwall and repoint wall at sidewalk level at the northwest corner. Also includes reconstruction of the deteriorated concrete pylons at sidewalk level at the east abutment approach.

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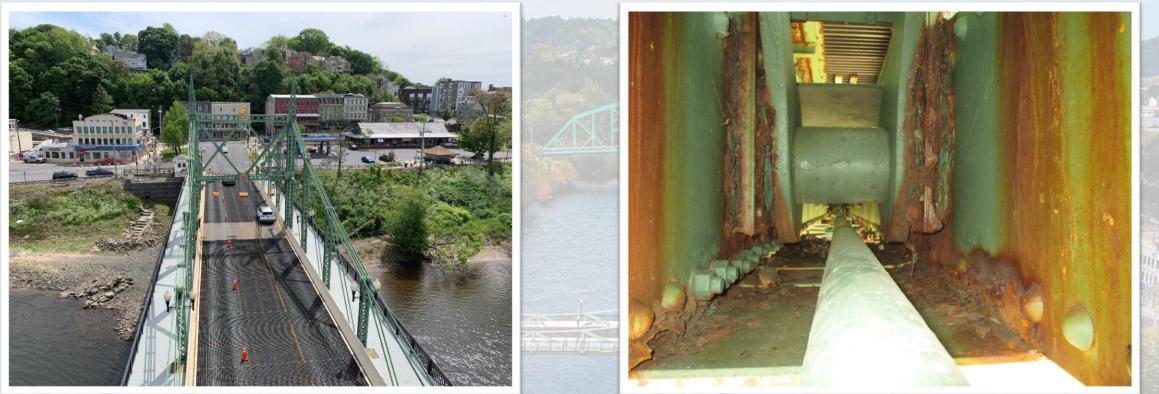
Joint Replacement: Reconstruct the joints at abutments by demolition and replacement of the sidewalk headblock, partial removal of roadway barrier for connection of the upturn to the existing roadway joint extrusion, installing of a continuous neoprene seal across the width of the bridge, rebuilding of the roadway barrier, and replacement of the sidewalk plates.





<u>Railing system</u>: Re-anodize existing railing by removal of railing system within the stage, shipping to an approved anodizing facility, testing of a single panel for approval, re-anodizing of each component, reinstallation of system to match original locations with new hardware.





Painting of superstructure: Replace paint system by installation of working platforms and necessary containment, removal of existing paint system through blasting with additional attention at panel points, and re-painting with 3-coat organic zinc paint system. Includes detailed light color painting within verticals, finials, and cross struts at piers. Also includes waste disposal, worker health and safety, and environmental protection measures.

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Construction Specifications

- Specifications To Be Used PennDOT Publication 408, dated 2016 and as specified or modified in the Contract Documents
- General Provisions PennDOT Publication 408, dated 2016 and as specified or modified in the Contract Documents



Construction Milestones

- Anticipated NOA/LNTP:
- Anticipated Notice to Proceed:
- Substantial Completion:
- Contract Completion:

September 28, 2021 October 26, 2021 March 28, 2023 April 25, 2023



CM / CI Proposal

- Consultants are not required to be prequalified by PENNDOT or NJDOT However, consultants responding to this RFP must have a proven track record in similar construction projects.
- Prime Consultant must submit documentation verifying that the Consultant is registered to do business in the Commonwealth of Pennsylvania and/or the State of New Jersey.



- Prime Consultant's Office (within a 2-hour drive of the Commissions Yardley Office) – PM to be a PE licensed in PA and/or NJ and assigned to this office.
- The Prime Consultant must perform the largest percentage of the services of any team member.



- Independent Safety Review by an approved Subconsultant under the defined PDA
 - Material Testing laboratory included under the defined PDA



Identified Business Enterprises Participation Target is 25%

- 1. Prime Consultants are encouraged to meet or exceed the 25% IBE participation target.
- 2. Prime Consultants must submit an IBE Compliance Plan with their proposal.
 - i. Option 1: "Opt-In" Agree to meet or exceed participation target
 - ii. Option 2: Document and provide a Good Faith Effort attempting to meet the participation goals.



- 3. The Contract Compliance Program's guidelines and forms are more fully explained and available directly from the Commission website (www.drjtbc.org) under Doing Business.
- 4. IBE Payment Verification Elation System.
- 5. The Prime Consultant must register and take online training with the Commission's payment verification, Elation Systems, for Payment to all IBE Sub-consultants. The web address for this registration is http://www.elationsys.com/app/registration.



CM/CI Contract Schedule:

Anticipated Awarded Contract Completion

Estimated duration

September 28, 2021

May 25, 2023 (One (1) month after the final completion of the Construction Contract, TS-590A)

Twenty (20) months.



Project Work Hours

- It is assumed that much of the construction work will be conducted using single shift, daylight working hours between 7 AM to 5 PM, five (5) days per week
- Weekday double shifts from are permitted from 6 AM to 10 PM.
- Weekends and night time operations upon approval and as needed to maintain schedule.
- It is also assumed that the contractor will occasionally work beyond the traditional eight (8) hour shifts per day in order to substantially complete the construction by the milestone dates.
- It is further anticipated the contractor may work intermittently to complete punch list items beyond Contract TS-590A's Substantial Completion.

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<u>Project Staffing</u> experience, certification and duration of service as defined in the RFP:

- 1. Project Manager (1 PT)
- 2. Resident Engineer (1 FT)
- 3. Office Engineer / Inspector (1 FT)
- 4. Inspector (1 PT)
- 5. Paint Inspector (1 PT)
- 6. Scheduler (1 PT)

(Electrical Inspection Experience)



- Three (3) primary stages of construction
- Due to the anticipated linier progression of activities in any given stage of construction, it is anticipated that inspectors providing only specialized services will be phased onto and off the project based on the Contractor's work plan/schedule.
- The consultant shall propose an efficient inspection staffing plan, covering the needs of the rehabilitation project, including but not limited to, structural, civil, electrical and painting inspection.



Proposal Submission Requirements

The Consultant will be required to submit their Proposal electronically (no hardcopy submission) via email to the Project Manager with a copy to the Chief Engineer.

Roy W. Little, P.E., Chief Engineer - rlittle@drjtbc.org

Michael McCandless, P.E., Project Manager mmccandless@drjtbc.org



Technical Proposal Including:

- 1. Letter of Transmittal One (1) single sided page
- 2. Proposal: Max. Eight (8) single sided pages
 - a) Understanding of the Project and Commission Needs
 - **b) Project Management Approach to the Project**
 - c) Experience of Consultant on Similar Projects (with 3 references for all consultants)
 - d) Credentials and Experience of the Consultant Personnel
- **3. Detailed Work Plan (5) page single sided pages**
- 4. IBE Participation Forms
- 5. One (1) single sided Organizational Chart
- 6. One (1) single sided page matrix identifying the qualifications and experience of proposed key personnel



Technical Proposal Including (continued):

- 7. One (1) single sided page resume for each of the proposed staff members
- 8. Completed Schedule A-Hourly Breakdown of Work Program (Attachment VI) (One For the Prime; one for each Sub Consultant; and one of the Team)
- 9. Distribution by month of work hours of each project member
- **10. Sample Certificate of Insurance indicating that the Prime Consultant can meet all the insurance requirements as shown in Attachment II**
- **11. Insurance and Indemnification Certification Form Attachment III**
- 12. Completed Broker Letter by the Prime Consultant only as shown in Attachment II
- 13. Completed Conflict of Interest and Recusal Certification Form Attachment IV

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Fee Proposal

Submitted electronically, as a separate document from the Technical Proposal, to the Chief Engineer and the Project Manager.

- 1. Letter of Transmittal One (1) single sided page
- 2. The Proposed Not-To-Exceed Fee Proposal (Attachment VII) (One For the Prime Consultant; one for each Sub Consultant; and one for the entire Team)



Proposal Schedule

Issue / Post RFP Pre-Proposal Conference Closing Date for Inquiries Response to Inquiries Close Date for Submittals of both Technical and Fee Proposals Presentations / Interviews (If Needed) Anticipated Award / Limited Notice to Proceed

Friday July 30, 2021 Thursday, August 5, 2021 Tuesday August 17, 2021 Friday August 20, 2021 Friday August 27, 2021 (By 2:00 PM Local Time) **TBD September 28, 2021**



ATTACHMENT

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IV

V

VI

VII

VIII

DESCRIPTION

ADMINISTRATIVE AND CONTRACTUAL INFORMATION INSURANCE AND INDEMNIFICATION REQUIREMENTS INSURANCE AND INDEMNIFICATION CERTIFICATION FORM CONFLICT OF INTEREST AND RECUSAL CERTIFICATION FORM SAMPLE STANDARD COMMISSION CONSULTANT AGREEMENT SCHEDULE A - HOURLY BREAKDOWN OF WORK PROGRAM **SCHEDULE B - FEE SUMMARY** QUALITY ASSURANCE FORM



Question and Answer

(NOTE: All questions must be submitted in writing for an official response. Responses at the Pre-Proposal Meeting are NOT to be considered official.)



