

RICHMOND METROPOLITAN TRANSPORTATION AUTHORITY



We provide safe, convenient, efficient facilities and excellent customer service while maintaining the lowest feasible costs.

RMTA Contract MR-2022 Miscellaneous Repairs

**Pre-Bid Meeting & Site Visit
July 19th, 2022
10:00 AM**



MR-2022



- Agenda:
 - Complete sign in sheet (meeting Attendee list)
 - Introductions
 - A copy of this presentation will be posted on the RMTA website. <https://www.rmtaonline.org/news-events/rfps-public-notice/?rfp=55>
 - Bidding requirements
 - Liquidated Damages
 - Work Items / Site Photos
 - Staging Areas
 - Contract Timeline
 - Addendum
 - Mandatory Site Visit (immediately after this meeting)

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- Bid Delivery and Bid Opening:
 - Bid Packages are due as indicated in the Invitation to Bid.
 - RMTA staff will receive bids and log all packages at the RMTA Main Office.
 - Immediately Afterwards, the Sealed Bid Packages will be transferred to the Powhite South Operations Building for the Bid Opening.
 - The bid opening will begin at 11:00 AM at Powhite South and is open to the public.

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- Contract Book
 - Broken down into (3) sections:
 - Contract documents & Bid forms
 - Supplemental Specifications to the 2020 VDOT Specifications
 - Special Provisions and Repair Details
- Appendix
 - System Map, I-95 Pier Map
 - “Selected” As-Built Drawings from Original Construction

Download from RMTA website www.rmtaonline.org

Or directly at : <https://www.rmtaonline.org/news-events/rfps-public-notice/?rfp=55>

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- Bidding Requirements (1 of 4):
 - Attend Pre-Bid Meeting
 - Attend the in-person Site Visit and be responsible for verifying scope of work, field conditions and examining work locations
 - Prequalified by VDOT for bidding on State Projects
 - The following categories are preferred:
 - **Major Structures and/or Bridge Repair.**
 - The Authority reserves the right to request additional experience information for any bidder that has not been assigned the “Major Structures” and/or “Bridge Repair” work classes by VDOT.

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- Bidding Requirements (2 of 4):
 - Jacking and Blocking of Beams and Structural Steel Repairs Experience
 - 3 bridge superstructure repair projects (minimum)
 - 1 or more beams jacked off the bearing with portion of beam replaced by welding for **each** repair project
 - Complete bidder forms BSS-1, BSS-2

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- Bidding Requirements (3 of 4):
 - Shotcrete experience on bridge superstructures
 - 3 projects (minimum)
 - 10,000 S.F. minimum total from 3 projects
 - Complete bidder forms BS-1, BS-2

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- Bidding Requirements (4 of 4)

Submit All Required Forms, properly executed:

- Bid
- Non-Collusion Affidavit
- Statement of Contracts Underway
- Joint Venture Statement (if applicable)
- Shotcrete Experience
- Steel Repair Experience
- Bid Bond
- Receipt of Addenda (if applicable)
- Railroad Agreement
(CSX “draft” Schedule I - signed)

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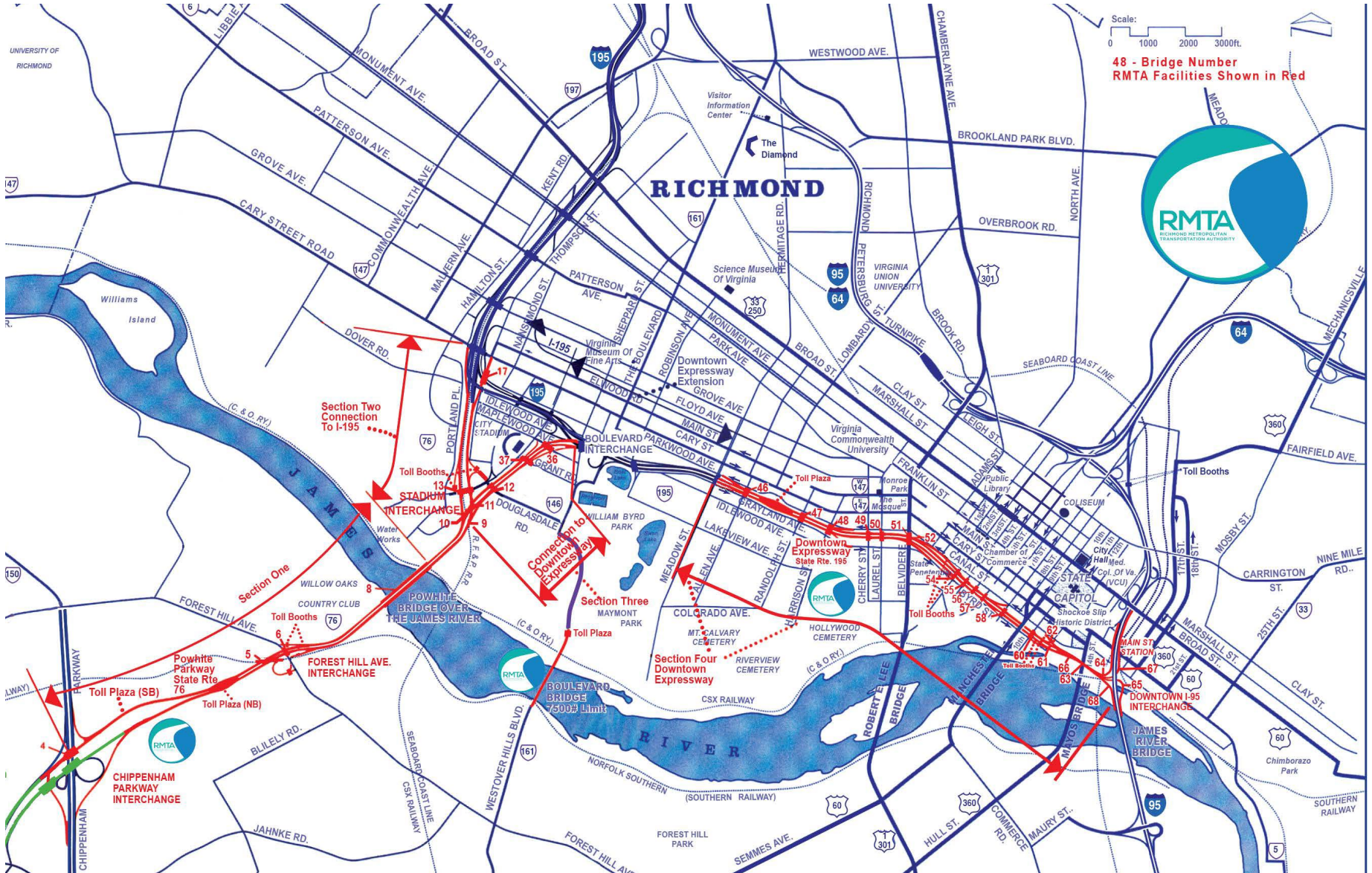
- Liquidated Damages (1 of 2):
 - MOT:
 - RMTA reserves the right to charge damages of \$1,000 per every 15 minutes a lane / ramp closure is in place beyond prescribed time or lane closure is in place for more than 1 hour before or after active work is on-going.
 - It will be the Contractor's sole responsibility to enter the work zone in LCAMS and VA Traffic. Contractor shall notify VDOT Traffic Operations Center (Smart Traffic) at 804-796-4520 to advise of the lane closure status when the first sign is placed, and last sign is picked up. The Contractor shall communicate any changes in these times/dates immediately with the Engineer.
 - Certified Personnel
 - Contractor's foreman (or another on-site employee) must be properly trained. The training requirement is the "Basic WZTCT" course approved by VDOT.
 - If a trained employee is not on site, RMTA reserves the right to charge damages of \$1,000 per day.

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- Liquidated Damages (2 of 2):
 - Completion Dates
 - All Shotcrete Repairs – November 22, 2022
 - Project Completion – June 30, 2023
 - Railway Coordination Services
 - See Railway-Highway Provisions in the Supplemental Specifications 107.19 for Specific Instructions for working with NS and CSX and Timeline for Submittals
 - Special Provision SP-W for CSX Transportation Construction Agreement

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- Significant Work Items:

- Steel Repairs:

- Bridge 6 (Powwhite) 1 location
 - Bridge 13 (Powwhite) 3 locations
 - Bridge 48 (DTE) 2 locations

Note that Bridge 13 requires CSX Coordination

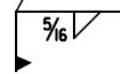
MR-2022 Bridge 6



Forest Hill Avenue over Powhite Pkwy VA-76 and
Powhite Creek
Southbound Direction Shown

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Bridge 6



REPAIR LOCATION

UNIT 1, BEAM 10, WEST ABUTMENT
 BROKEN WELD REPAIR @ BEARING
 SOUTH FACE

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Bridge 13



**Douglasdale road over NB Powhite Pkwy VA-76
and CSX Railroad**

North Bound Direction Shown

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Bridge 13



**Douglasdale road over I-195
Connector/Powwhite Pkwy and CSX Railroad**

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Bridge 13

UNIT 1



BRIDGE 13, WEST ABUTMENT
UNIT 1, STRINGER 6
BEARING MISALIGNED

UNIT 3 | UNIT 4



BRIDGE 13, PIER 3
UNIT 3, STRINGER 1-6
UNIT 4, STRINGER 5-6
BEARING MISALIGNED

**Douglasdale road over I-195
Connector/Powwhite Pkwy and CSX Railroad**

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Bridge 48



BRIDGE 48
UNIT 1, GIRDER 8
LAMINAR DEFECT

REPAIR LOCATION



UNIT 1, GIRDER 1, SOUTH ABUTMENT
BROKEN WELD REPAIR @ BEARING
WEST FACE

REPAIR LOCATION



Bridge 48, S. Harrison Street over Downtown Expressway
East Bound Direction Shown

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- Minor / Remaining Work Items (1 of 2):
 - Pavement Line Marking (Type A and B)
 - Shotcrete (Standard, Over-Water)
 - Self Consolidating Concrete (Standard)
 - Hydraulic Cement Concrete Repairs
 - Patching Asphalt Pavement
 - Repairing Asphalt Concrete Pavement Cracks

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- Minor / Remaining Work Items (2 of 2): :
 - Overhead Sign Structure Lighting Retrofit
 - 20 LED Units to be provided by the Authority
 - Drainage Structure Repairs
 - Stream Stabilization at RCBC
 - Slope Stabilization
 - Rock or Soil Stabilization
 - Miscellaneous Bridge Coatings

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- Railroad Coordination (1 of 2):
 - Depending on the contractors means and methods Railroad Approval and Railroad Flagger may be required
 - Liquidated damages
 - RMTA reserves the right to charge liquidated damages if the contractor fails to meet the submittal schedule
 - Railway Coordination Service
 - Submittal of means and methods, drawings to the satisfaction of RMTA and CSX/NS Corporation.
 - All submittals are made to RMTA and the Engineer
 - RMTA will submit directly to CSX.
 - RMTA will pay for CSX flagger fees.
 - Contractor Responsible for NS Corporation flagger fees.

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- Railroad Coordination Continued (2 of 2):
 - CSX Transportation
 - Bridge 13 Steel
 - NS Corporation
 - n/a n/a

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- Point of Contact or Responsible Forman:
 - Must always be on-site during construction.
 - Shall be there, day and night during construction or lane closures
 - Stay in close contact with Engineer/Inspector
 - Any changes in personnel, must be clearly communicated to RMTA and the Engineer

MR-2022 Staging Areas





MR-2022

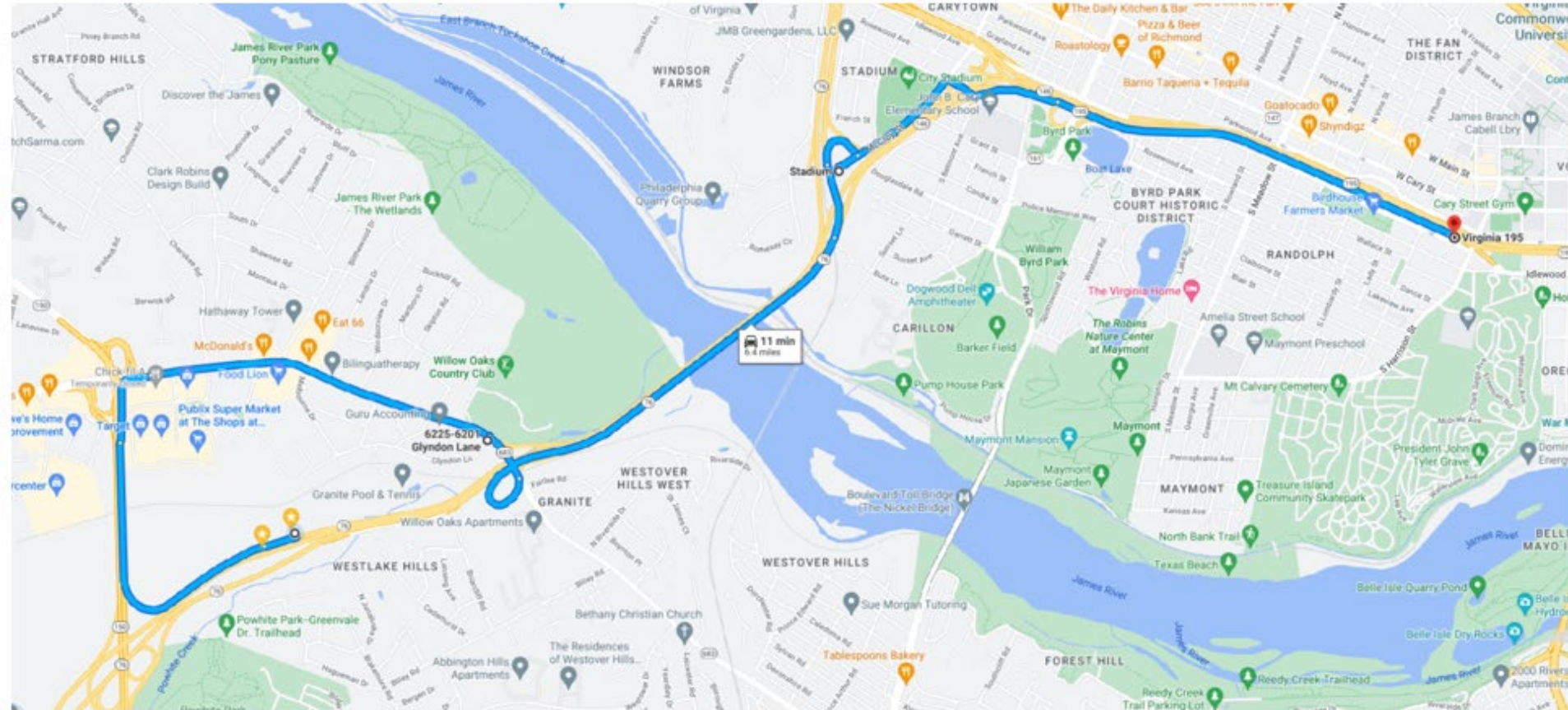
- Questions due by July 26th, 1:00 PM
- **Bid's Due – 10:00 AM on August 9, 2022**
- Contract Dates:
 - Begin: September 2022±
 - End: June 30, 2023
 - Shotcrete: November 22, 2022
- Submit Questions to:
 - Matt Foster, P.E. at: mfooster@hntb.com
 - Theresa Simmons, P.E. at:
Theresa.Simmons@rmtaonline.org
(RMTA Director of Operations)

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Questions?

MR-2022 Site Visit



Powhite South to "Glyndon Lane" off Forest Hill Ave.

Forest Hill Ave. to NB Powhite to Douglasdale Road

Douglasdale Road to McCloy St to Maplewood On-Ramp to VA-146 to EB Downtown Expressway

Field Review of Bridge 6

Field Review of Bridge 13

Field Review of Bridge 48