

RTA Committee Meetings

Tuesday, August 10, 2021

Greater Cleveland Regional Transit Authority



Operational Planning & Infrastructure Committee

Chair: Terence P. Joyce

Award Summary
GCRTA System-Wide Arc Flash Analysis

Operational Planning &
Infrastructure Committee

August 10, 2021



GCRTA System-Wide Arc Flash Analysis

- An arc flash is the light and heat produced as part of an arc fault, a type of electrical explosion or discharge that results from a connection through air to ground or another voltage phase in an electrical system.
- An **arc flash** hazard **analysis** or risk assessment is a **study** conducted by a trained safety expert to evaluate electrical equipment and power systems in order to predict the potential for or incident energy of an **arc flash**.
- OSHA requires repeating this analysis every five years or whenever there are changes made to the electrical equipment.

Arc Flash Incident



- Although rare, an arc flash can cause an explosion, emitting heat and debris.
- This hazard was first identified in 1981.
- In 1995, the National Fire Protection Association addressed it in the National Electrical Code, with updates since.
- The maintenance person needs the information on the arc flash label to ensure they are wearing the correct protective gear.
- Labels required in 2002.

GCRTA System-Wide Arc Flash Analysis

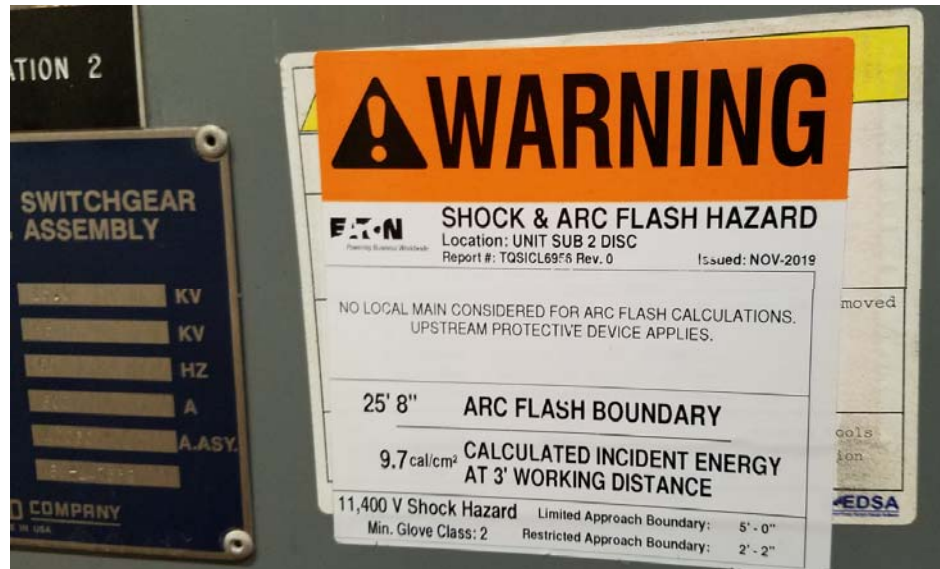
- Within the RTA System, there are:
 - Headquarters building
 - Seven rail / bus maintenance facilities
 - 30 rail passenger stations
 - 17 substations
 - 17 signal bungalows
 - 11 Park N Ride or Transit Centers
- Three new substations have already been updated.

GCRTA System-Wide Arc Flash Analysis

- Contractor's Scope of Work:
 - Visit each facility to ascertain equipment
 - Gather data from the utility
 - Complete short circuit and arc flash analysis
 - Evaluate re-fusing to reduce hazards
 - Update documentation as needed
 - Re-visit each facility and install new labels

GCRTA System-Wide Arc Flash Analysis

Arc Flash Label Example



GCRTA System-Wide Arc Flash Analysis Procurement Overview

- Request for Proposal (RFP) issued April 26, 2021
- Accessed on the GCRTA website by twenty-seven (27) interested parties
- Five (5) firms submitted proposals
- Three (3) firms were interviewed

GCRTA System-Wide Arc Flash Analysis Procurement Overview

Evaluation Panel Members:

- Engineering and Project Development
- Training - Rail Vehicle Maintenance
- Facilities Maintenance – Rail & MOB
- Safety
- Office of Management and Budget
- Office of Business Development
- Procurement

GCRTA System-Wide Arc Flash Analysis Procurement Overview

Evaluation Criteria:

- Project Manager
- Assigned Staff
- Past Performance
- Project Approach
- Location of Majority of Work
- DBE Participation

GCRTA System-Wide Arc Flash Analysis Procurement Overview

Most technically qualified vendor:

- Tec Inc. Engineering & Design, Eastlake, Ohio

A 4% DBE goal was assigned to this project. The goal will be met by utilizing Tucker-Grubbs Construction.

GCRTA System-Wide Arc Flash Analysis Procurement Overview

Firm Experience:

- Tec Inc. Engineering & Design has successfully completed projects for the GCRTA, Laketran, The City of Cleveland, Lubrizol Corporation, University Hospitals, and The Ohio State University, among others.
- Tec Inc.'s personnel are experienced and familiar with the GCRTA system as a consultant and in providing quality deliverables.

GCRTA System-Wide Arc Flash Analysis Procurement Overview

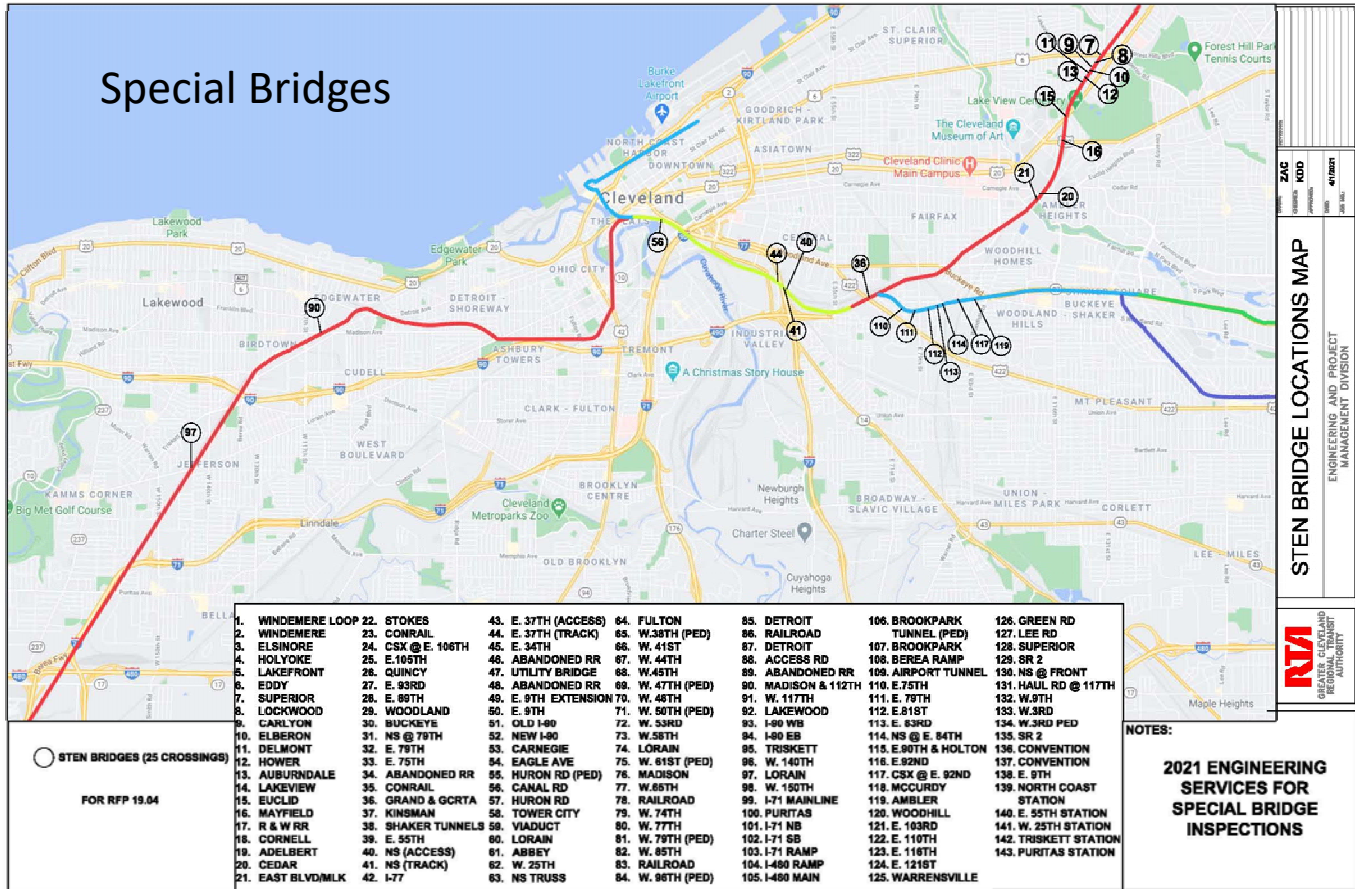
Staff Requests that the Operational Planning and Infrastructure Committee recommend award to Tec Inc. Engineering & Design for Consultant Services for the GCRTA System-Wide Arc Flash Analysis. The contract is not to exceed \$329,203.00.

Summary of Proposed Award Engineering Services for Special Bridge Inspections

Presented to: Operational Planning &
Infrastructure Committee

August 10, 2021

Special Bridges



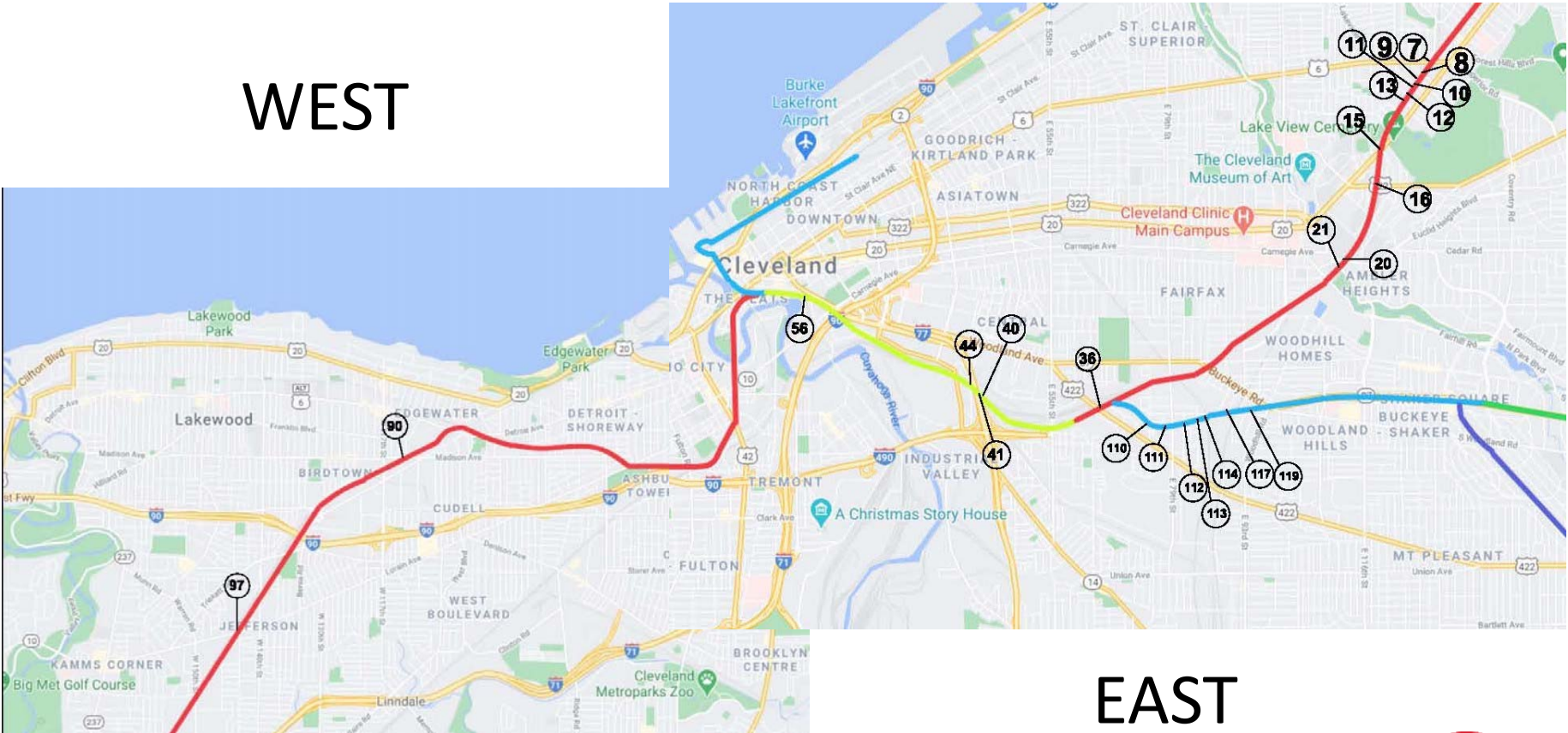
1. WINDEMERE LOOP	22. STOKES	43. E. 37TH (ACCESS)	64. FULTON	85. DETROIT RAILROAD	106. BROOKPARK TUNNEL (PED)	126. GREEN RD
2. WINDEMERE	23. CONRAIL	44. E. 37TH (TRACK)	65. W.38TH (PED)	86. RAILROAD	107. BROOKPARK TUNNEL (PED)	127. LEE RD
3. ELSINORE	24. CSX @ E. 106TH	45. E. 34TH	66. W. 41ST	87. DETROIT	108. BEREA RAMP	128. SUPERIOR
4. HOLYOKE	25. E.105TH	46. ABANDONED RR	67. W. 44TH	88. ACCESS RD	109. AIRPORT TUNNEL	129. SR 2
5. LAKEFRONT	26. QUINCY	47. UTILITY BRIDGE	68. W.45TH	89. ABANDONED RR	110. E.75TH	130. NS @ FRONT
6. EDDY	27. E. 93RD	48. ABANDONED RR	69. W. 47TH (PED)	90. MADISON & 112TH	111. E. 70TH	131. HAUL RD @ 117TH
7. SUPERIOR	28. E. 89TH	49. E. 9TH EXTENSION	70. W. 48TH	91. W. 117TH	112. E. 70TH	132. W.9TH
8. LOCKWOOD	29. WOODLAND	50. E. 9TH	71. W. 50TH (PED)	92. LAKEWOOD	113. E.81ST	133. W.3RD
9. CARLYON	30. BUCKEYE	51. OLD I-90	72. W. 53RD	93. I-90 WB	114. E. 83RD	134. W.3RD PED
10. ELBERON	31. NS @ 79TH	52. NEW I-90	73. W.58TH	94. I-90 EB	115. NS @ E. 84TH	135. SR 2
11. DELMONT	32. E. 79TH	53. CARNEGIE	74. LORAIN	95. TROSKETT	116. E.90TH & HOLTON	136. CONVENTION
12. HOWER	33. E. 75TH	54. EAGLE AVE	75. W. 61ST (PED)	96. W. 140TH	117. CSX @ E. 92ND	137. CONVENTION
13. AUBURNDALE	34. ABANDONED RR	55. HURON RD (PED)	76. MADISON	97. LORAIN	118. MCCURDY	138. E. 9TH
14. LAKEVIEW	35. CONRAIL	56. CANAL RD	77. W.65TH	98. W. 150TH	119. AMBLER	139. NORTH COAST STATION
15. EUCLID	36. GRAND & GCRTA	57. HURON RD	78. RAILROAD	99. I-71 MAINLINE	120. WOODHILL	140. E. 95TH STATION
16. MAYFIELD	37. KINGSMAN	58. TOWER CITY	79. W. 74TH	100. PURITAS	121. E. 103RD	141. W. 25TH STATION
17. R & W RR	38. SHAKER TUNNELS	59. VIADUCT	80. W. 77TH	101. I-71 NB	122. E. 110TH	142. TRISKETT STATION
18. CORNELL	39. E. 55TH	60. LORAIN	81. W. 78TH (PED)	102. I-71 SB	123. E. 116TH	143. PURITAS STATION
19. ADELBERT	40. NS (ACCESS)	61. ABBEY	82. W. 85TH	103. I-71 RAMP	124. E. 121ST	
20. CEDAR	41. NS (TRACK)	62. W. 25TH	83. RAILROAD	104. I-480 RAMP		
21. EAST BLVD/MLK	42. I-77	63. NS TRUSS	84. W. 96TH (PED)	105. I-480 MAIN		

NOTES:

2021 ENGINEERING SERVICES FOR SPECIAL BRIDGE INSPECTIONS



WEST



EAST



Engineering Services for Special Bridge Inspections

Objectives:

- Hands-on inspect Steel Tension Non-redundant (STEN) members within service load paths
- Meet Federal requirements by providing a biennial STEN Inspection Program

Engineering Services for Special Bridge Inspections

Managing the risk:

- Discern if a critical finding exists
- Following procedures for each asset, record findings for subsequent inspection teams

Engineering Services for Special Bridge Inspections

- What is a critical finding?
- How we document if findings?

Engineering Services for Special Bridge Inspections

Procurement Summary

- RFP issued May 3, 2021
- Accessed on the GCRTA web site by thirty-seven (37) interested parties
- Four (4) firms proposed
- Four (4) firms were interviewed

Engineering Services for Special Bridge Inspections

Procurement Summary

Evaluation Panel Members:

- Engineering and Project Development
- Asset Management
- Office of Business Development
- Procurement

Engineering Services for Special Bridge Inspections

Procurement Summary

Recommended Vendor:

- Burgess & Niple, Inc. Columbus, Ohio
- 18% DBE Goal will be met by utilizing:
 - 2LMN, Inc.
 - Denise's Flagging

Engineering Services for Special Bridge Inspections

Procurement Summary

Firm Experience:

- Burgess & Niple has successfully completed projects for Oklahoma DOT, Lake County, and ODOT, among others
- Prior work on Special Inspection projects
- Experienced/qualified staff

Engineering Services for Special Bridge Inspections

Staff requests that the Operational Planning & Infrastructure Committee recommend award to Burgess & Niple, Inc. for Engineering Services for Special Bridge Inspections. The contract is not to exceed \$325,843.02.

Engineering Services for Special Bridge Inspections

Questions?

Organizational, Services & Performance Monitoring Committee

Chair: Mayor Michael P. Byrne

Summary of Proposed Award

Natural Gas Supply

Presented to: Organizational, Services &
Performance Monitoring Committee

August 10, 2021

Natural Gas Supply

Project Overview

- The Authority utilizes natural gas to fuel CNG buses, and to heat facilities and water.
- 31 Accounts
 - 2 CNG fueling stations (Hayden + Triskett)
 - 6 Large facilities (Garage/Maintenance)
 - 23 Other (RTS, Transit Ctr., MOB, Bus Loops etc.)

Natural Gas Supply

Project Overview

- Estimated MCF Usage - 2021
 - CNG Buses 246,000 MCF
 - 29 Facilities 137,000 MCF

Natural Gas Supply

Project Overview

- Supplier Billing Components
 - Basis – Fixed Supplier Charge
 - Interstate Transportation
 - Pooling Fee
 - Risk Premium
 - Natural Gas Commodity

Natural Gas Supply

Project Overview

- Supplier Contract will:
 - Lock in Basis
 - Provide ability to fix Natural Gas commodity prices
 - Lock a portion of the volume at a fixed price
 - Price based on NYMEX prices

Natural Gas Supply

Procurement Summary

- RFP issued May 10, 2021
- Notifications sent to ten (10) potential proposers
- Accessed on the GCRTA website by ten (10) interested parties

Natural Gas Supply Procurement Summary

Evaluation Panel Members:

- Accounting
- Facilities
- Fleet
- Legal
- Procurement
- Energy Consultant (Brakey Energy, Inc)

Natural Gas Supply

Procurement Summary

- Procurement is still in the evaluation process
- Negotiating executable contracts with all shortlisted proposers
- Due to the volatility of the energy market, firms can only hold pricing for a very short time
- Best and final offers for updated pricing will be received August 23, 2021

Natural Gas Supply

Staff plans to bring a recommendation to the Board of Trustees at their August 24, 2021 meeting.

Natural Gas Supply

Questions?

Audit, Safety Compliance & Real Estate Committee

Chair: Karen Gabriel Moss

Greater Cleveland Regional Transit Authority

CASUALTY INSURANCE PROGRAM RENEWAL Effective September 1, 2021

Presented to: Audit, Safety Compliance, and Real Estate Committee
August 10, 2021

Greater Cleveland Regional Transit Authority



Casualty Insurance Program

9-1-21 Renewal

GCRTA maintains a casualty insurance program for protection of assets against catastrophic loss

- Excess Liability (General, Rail, Auto) \$95M limit, \$5M Self-Insured Retention
- Excess Workers' Compensation - \$10M limit, \$750,000 SIR
- Public Officials Liability / EPL - \$5M limit, \$250k SIR/ \$500k SIR

Casualty Insurance Program 9-1-21 Renewal

How GCRTA Procures this Insurance

- Excess liability markets must be accessed via a broker; no direct writers of these coverages
- GCRTA conducts an RFP process to select and retain a casualty insurance broker
 - Broker is selected based on their expertise in the commercial insurance market, including the industry sector being rail, transit and transportation
 - Together GCRTA and broker approach insurance markets, submission describing GCRTA's operations and exposures, loss experience, safety culture to negotiate the best partnerships with markets and best program for GCRTA in terms of coverage and pricing

Casualty Insurance Program 9-1-21 Renewal

Public Officials / Employment Practices Liability Renewal

- Provides liability protection to Directors and Officers as well as GCRTA for alleged wrongful acts by Directors and Officers, or employees
- The policy also provides insurance coverage for employment practices claims.

Casualty Insurance Program 9-1-21 Renewal

Excess WC Policy renewal negotiations complete

- Expiring Premium \$272,165
- Existing carrier, Safety National seeking a 7.3% rate increase
- Payroll increased slightly; renewal premium quoted is \$292,601
- Better than expected result given most recent guidance of 7.5% - 15% expected increase
- Conducted a full marketing effort, and no one could match retention or premium.

Casualty Insurance Program 9-1-21 Renewal

Public Officials / EPL Liability renewal negotiations complete

- Incumbent carrier: AIG (National Union)
- Expiring Premium is \$94,590
- Renewal Premium is \$96,000, a 1.5% increase
- Most other public entity accounts experienced over 30% in increases per broker. Competitive quote from Chubb made a significant difference.

Casualty Insurance Program 9-1-21 Renewal

- Will provide final renewal results for the Casualty Insurance Program in a memo to the GCRTA Board of Trustees accompanied by a resolution containing final recommendations to be brought to the Board at the upcoming August 24, 2021 meeting.

Casualty Insurance Program 9-1-21 Renewal

Questions?

External and Stakeholder Relations & Advocacy Committee

Chair: Chief Valarie J. McCall

NEXT GEN Meetings

Follow up with Municipal Government

External and Stakeholder Relations &
Advocacy Committee

August 10, 2021

City of Parma City Council

- Met on August 2, 2021
- **Concern 1:** City Council felt uninformed
- **Concern 2:** West 54th Street
- **Action:** Inform City Council when considering RTA service changes

City of Cleveland Transportation Committee

- Met with the City Council Transportation Committee on June 10
 - Discussion item: Bus #38, in Wards 9 & 10
 - Actions from the meeting:
 - Meet with Transportation Chair Jones, Ward 1
 - Meet with Councilmen Conwell (Ward 9) & Hairston (Ward 10)

Meeting with Councilmen Conwell and Hairston

- Met with Councilmen Conwell & Hairston on June 24 at RTA Headquarters.
- **Issue:** #38 bus route
- **Action:** Community meeting to occur August 18

Meeting with Councilman Jones

- Met with Councilman Jones and residents of Ward 1 on July 1, 2021 at the Harvard Community Center
- **Issue:** #48A and #15 bus routes
- **Action:** Follow-up calls with Councilman Jones
- **Challenge:** Councilman wants RTA to adopt customer's plan, which does not serve current riders needs as expressed during NEXT GEN process

Community Immunity Bus

- Partnership with the City of Cleveland Health Department
- The goal is to encourage citizens to get vaccinated
- The target is citizens in communities documented by the Ohio Department of Health that have low percentages of vaccinated

Community Immunity Bus



Community Immunity Bus



Community Immunity Bus



Advertising Poster for Hayden District

ATTENTION EMPLOYEES

The **Mobile Vaccine Bus** will be at the Hayden District to offer employees the **COVID-19 Vaccine**.

Friday, August 13th
11:30am - 4:30pm
No appointment needed
FREE

DRIVING TOWARD COMMUNITY IMMUNITY



Greater Cleveland Regional Transit Authority



Questions



Public Comments NextGen System Redesign

Call 440-276-4600

Greater Cleveland Regional Transit Authority

