

RTA Committee Meetings

Tuesday, July 18, 2023

Organizational, Services & Performance Monitoring Committee

Chair: Mayor Anthony D. Biasiotta



Micro Transit Program (RTA ConnectWorks)

Presented to:

Organizational, Services & Performance
Monitoring Committee

July 18, 2023

GCRTA Micro Transit

- GCRTA budgeted \$600,000 towards the program
- GCRTA awarded 2 contracts in April 2022
 - SHARE Mobility for Solon service
 - Mayfield Heights/Highland Hts-withdrew their proposal
- This proposed contract replaces the Mayfield/ Highland Proposal with remaining funds



GCRTA Micro Transit

- A short-term program to connect work sites with RTA service
- Helpful where the first/last mile of a commute trip is not easily navigated
- Must pick-up/drop off at an RTA Facility
- Work Site needs to be within Cuyahoga County
- Route/schedule is flexible
- Memorandum of Understanding with Union
 - Cannot replace RTA existing service
 - Term cannot extend beyond 18 months
 - December 14, 2022 – June 14, 2023



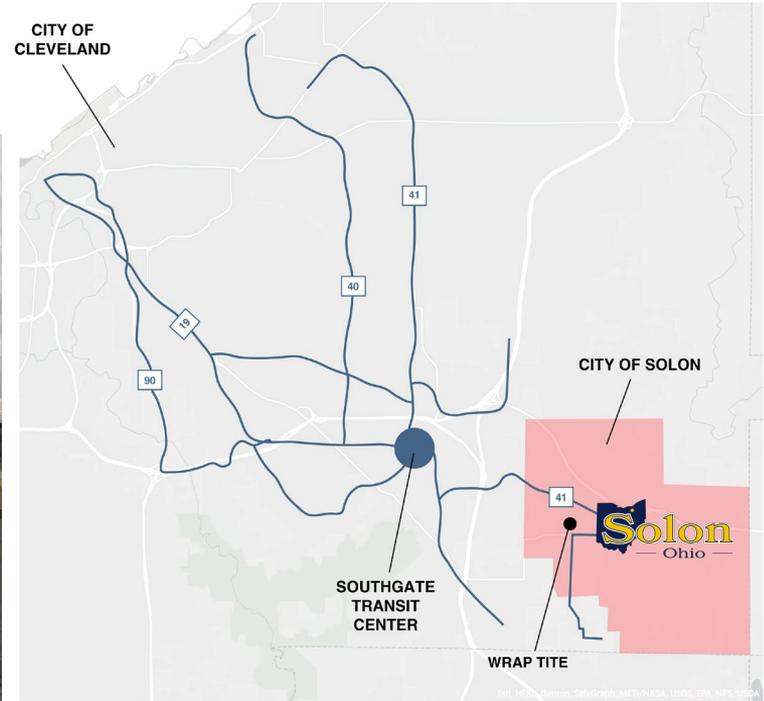
RTA Solon Connection Program

Service Began December 14, 2022

- Participating employers include:
 - Wrap Tite
 - PrimRose
 - Pyle Dynamics
 - Bridgerton

Results:

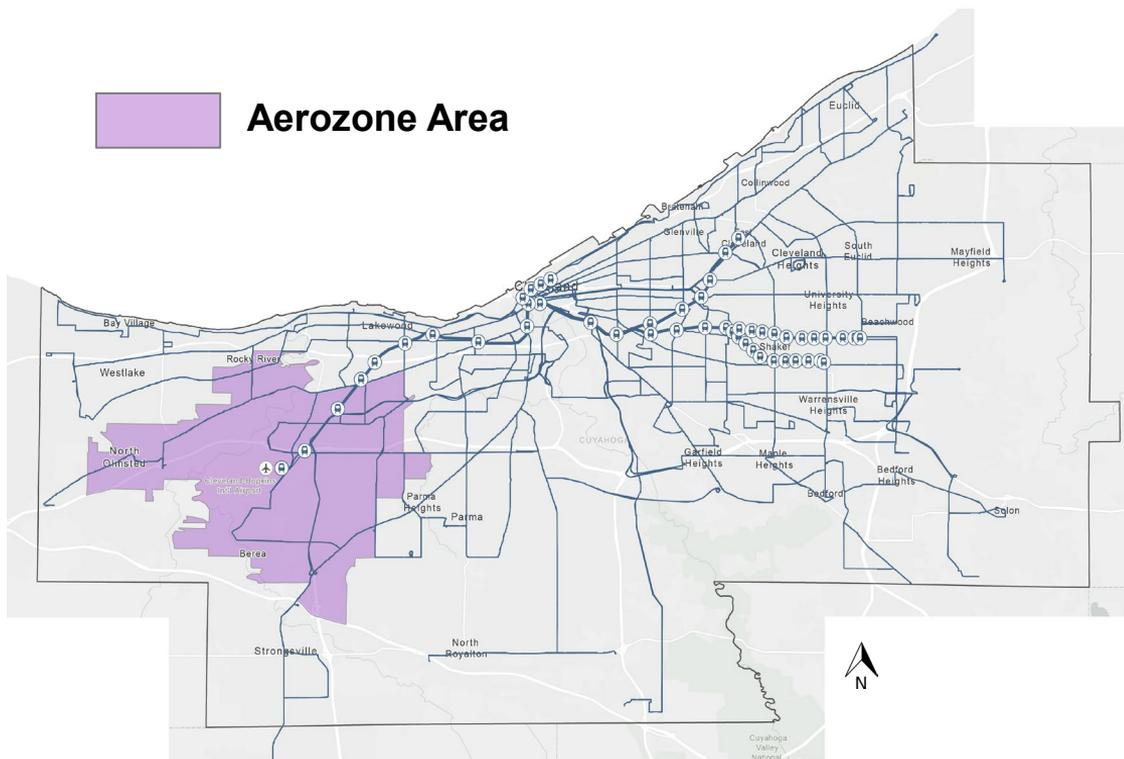
- 70 days of service
- 1,000 rides provided
- Avoided 250 car trips

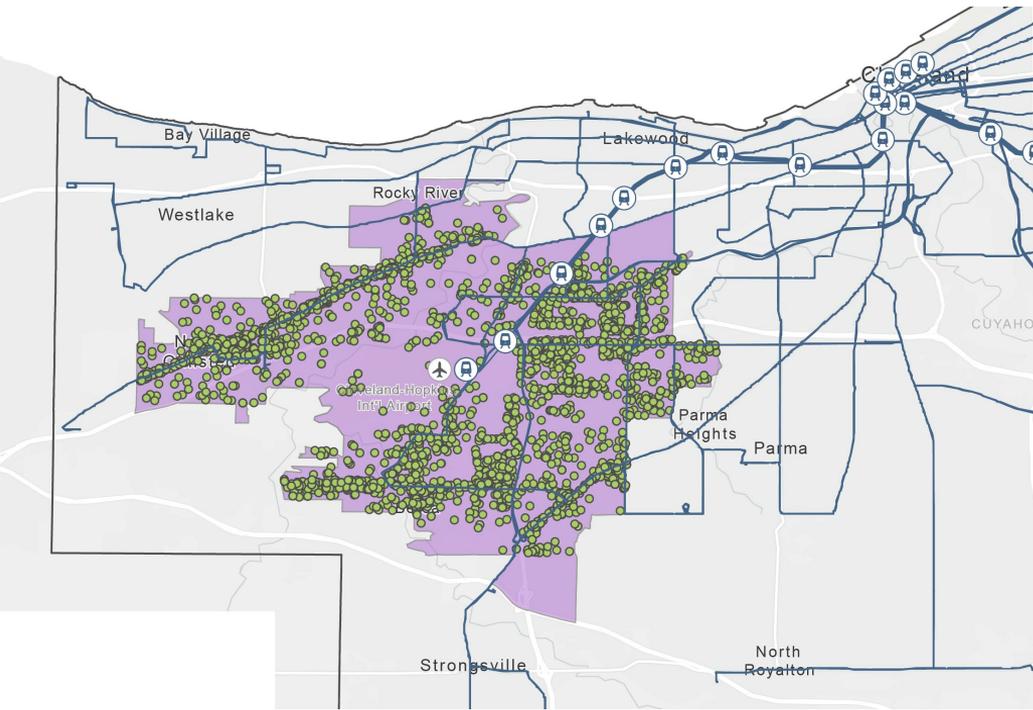


Proposed New Pilot



- \$300,000 (50-50 match)
- 50-50% match
- Employers pay \$3.00 per month/per employee
- Uber trips for emergencies
- Brookpark Rapid Transit Station

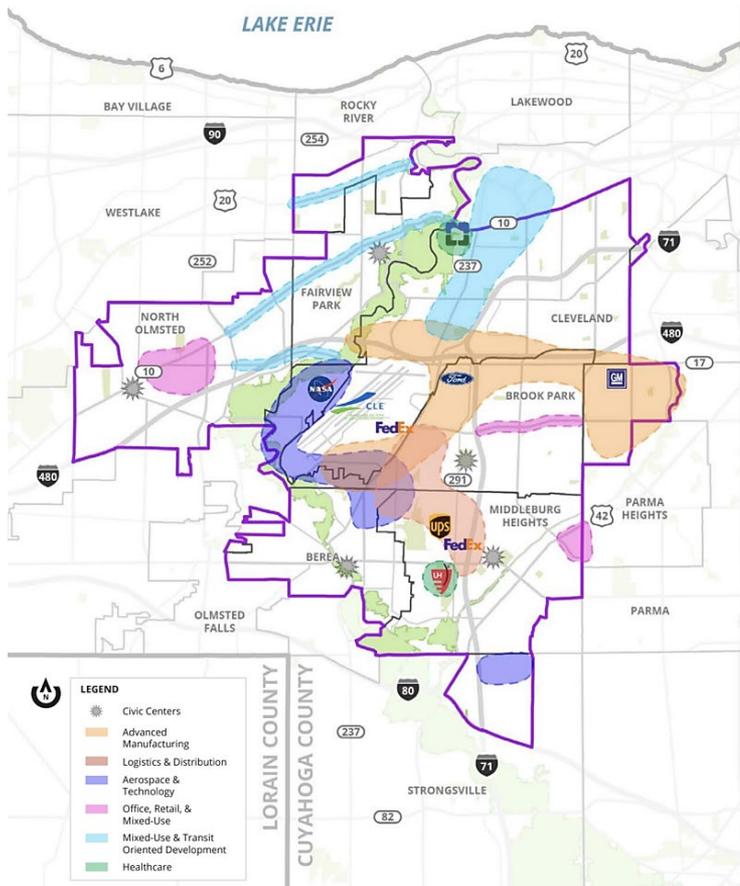




Facts:

- 100,684 total jobs
- 11% job growth (10,275)
- 1,135 acres
- \$4.5B economic output





Stakeholders:

- 7 cities
- Cleveland Airport
- NASA Glenn
- Moen
- Sysco



Procurement Overview

- RFP issued on February 15, 2023
- Accessed on the GCRTA website by fifty interested parties
- Proposals due April 20, 2023
- Two firms proposed

Procurement Overview

Evaluation Panel Members:

- OEO – ADA & DEI
- External Affairs
- Paratransit
- Service Management
- Programming & Planning
- Legal
- Procurement

Procurement Overview

Evaluation Criteria:

- Partnership
- General Plan & Project Approach
- Operating Plan
- Budget

Procurement Overview

Recommended Firm:

SHARE Mobility

- Based in Columbus, OH
- Aerozone and Brook Park
 - Currently operating pilot out of Southgate Transit Center
- Leading Provider of mobility-as-a-service (MaaS) solutions
- Track record working with private employers to create commuter programs for employees
- Experience working with local transit authorities and governments
 - Chillicothe Transit
 - COTA
 - City of Dublin
 - Cuyahoga Community College
 - GCRTA

Procurement Overview

Recommendation:

Staff requests that the Organizational, Services and Performance Monitoring Committee recommend to the Board of Trustees the award for Micro Transit Program services to Ave Automedia, Inc., dba SHARE Mobility in a total contract amount NTE \$300,000.00.

Questions



Magnetic Fare Media

Presented to:

Organizational, Services & Performance
Monitoring Committee

July 18, 2023

Background

- Began using magnetic fare media in 1995.
- Despite magnetics being an aging technology, RTA still needs the magnetic fare media to be available for issuance from fareboxes and for pre-sales through retail outlets, the Customer Service Center, and the RTA web-store.

Justification

- Necessary to provide various magnetic strip fare media
- Bidders can bid on one or both sections:
 - Bid Section 1 - Blank paper thermal magnetic strip cards to be issued from the on-board fareboxes
 - Bid Section 2 - Paper and plastic thermal and non-thermal cards to be pre-printed and encoded for distribution to retail sales agents such as Giant Eagle, Dave's Supermarkets and the RTA Customer Service Center

Fare Media Types

- Bus/Rapid (1 Trip, 2 Trip, 5 Trip, 7-Day Pass, Monthly Pass)
- Sr/Disabled (1 Trip, 2 Trip, 5 Trip, 7-Day Pass, Monthly Pass)
- Park-n-Ride (1 Trip, 5 Trip, 7-Day Pass, Monthly Pass)
- Student K-12 (1 Trip, 2 Trip, 5 Trip)
- Paratransit (1 Trip, 5 Trip, 7-Day Pass, Monthly Pass)
- All Day Pass Preprinted and Farebox issued (Individual, Sr/Disabled/Child, Student K-12 and Paratransit)

Challenges

Suppliers

- Number of magnetic strip card providers has significantly decreased over the last few years
 - Many have gone out of business or have been purchased by other similar companies
- Reduced sales and/or supply chain issues as a result of Covid
- Due to aging technology, fewer providers in industry.

Challenges

Reduction in quantities needed over time

- Reduction in ridership due to Covid
- Riders transitioning from magnetic strip cards to other methods of fare payment
 - Mobile App (EZFare)
 - Off board ticket vending machines (TVMs) and customer service kiosks (CSKs)
 - ID based Flash Passes (Upass Stickers)
- Overall quantity reduced by half from previous contract
- Lower quantity orders results in higher unit costs per order

Procurement Overview

- Invitation for Bid (IFB) issued May 1, 2023
- Accessed on the GCRTA website by seven (7) interested parties
- Bids were due June 14, 2023
- Two (2) firms submitted bids
- A 0% DBE goal was assigned to this project

Procurement Overview

Lowest responsive and responsible vendor

– EDM Technology, Inc.

- High Point, NC

Procurement Overview

Firm Experience:

- Established in 1983 as a family-owned business with close to 100 employees
- Leading supplier of fare media to the transit industry
- Specialize in manufacturing magnetic stripe and RFID (Smart Cards) products
- Serve nearly two-thirds of the U.S transit operators and authorities, including Boston, Chicago, GCRTA, New York, Philadelphia, Portland, among others
- Paragon ID became parent company, as of September 2021
 - Over 700 employees
 - Leader in electronic identification solutions, transport, smart cities and traceability

Procurement Overview

Recommendation

- Staff requests that the Organizational, Services and Performance Monitoring Committee recommend award to EDM Technology, Inc. for magnetic fare media in an amount not to exceed \$650,865.00 for the three-year base term, with two one-year options not to exceed \$226,573.50, per year, for a total contract not to exceed \$1,104,012.00

QUESTIONS?

Operational Planning & Infrastructure Committee

Chair: Ms. Lauren R. Welch



Architectural/Engineering Services for E. 79th Street Light Rail Station

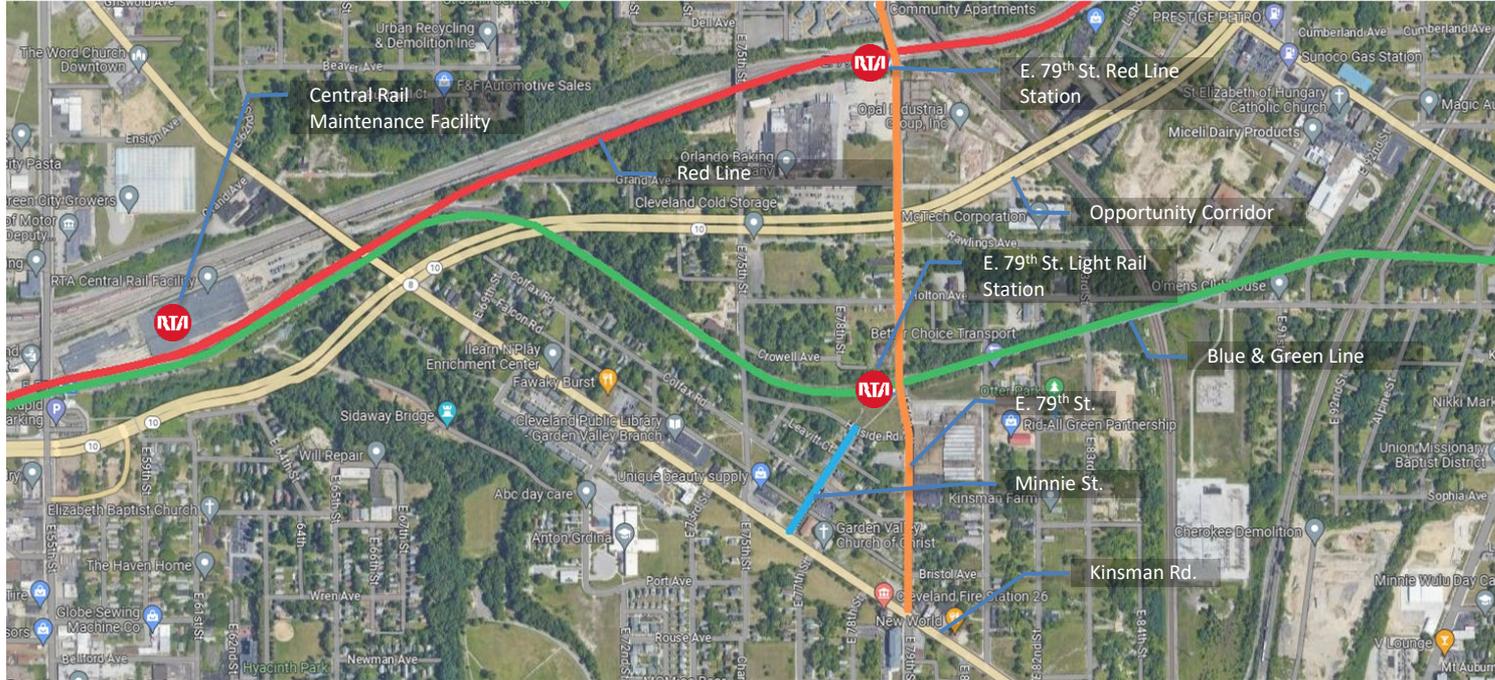
Operational Planning & Infrastructure
Committee

July 18, 2023

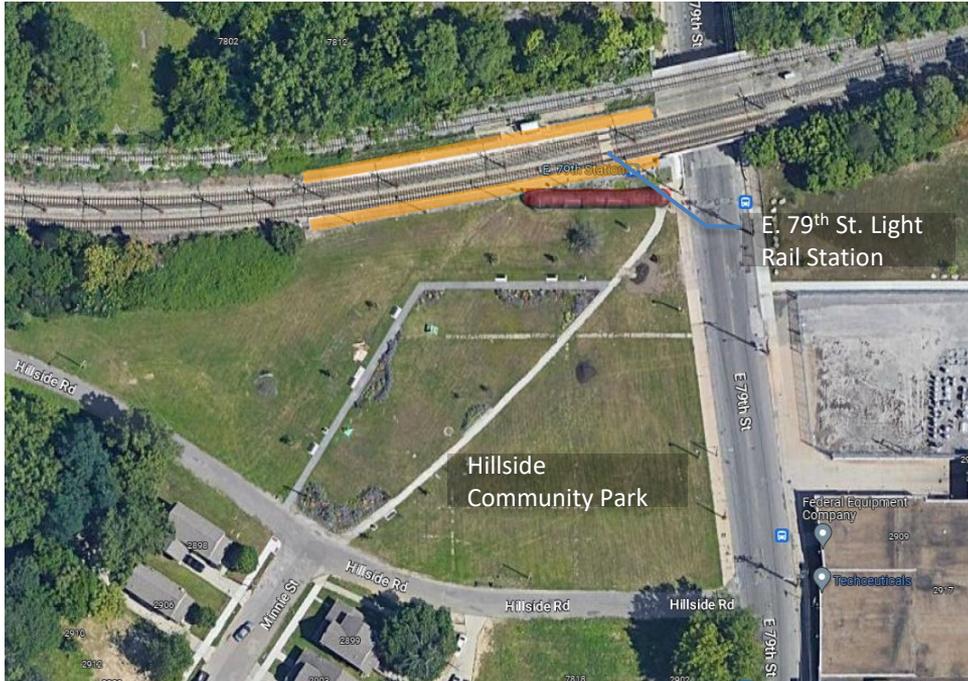
Project Overview

- East 79th Street Light Rail Station was rebuilt in the early 1980's and serves GCRTA's Blue and Green light rail lines and has reached the end of its useful life
- Primary purpose of this project:
 - Rehabilitate the station and bring it into ADA compliance.
 - Improve connections into the neighborhood and provide Transit Oriented Development opportunities

Vicinity Map



Site Map



- The station is elevated above the street level, accessed by a single stairway off E. 79th St.
- South of the station is Hillside Community Park with access off E. 79th St. and Hillside Rd.

Design Elements/Existing Conditions



Design Elements/Existing Conditions

- The entrance is to serve as waiting environment for the GCRTA No. 2 bus route
- Provide ADA compliant crosswalk
- Provide provisions for the installation of a bus shelter on the east side of E. 79th Street



Design Elements/Existing Conditions

- Provided covered access, via stair/ramp, from E. 79th Street to the station's platform
- Provide access between Hillside Community Park and the Station



Design Elements/Existing Conditions

- Provide two new light rail platforms for the eastbound and westbound tracks
- Provide ADA compliant pedestrian grade crossing for access between platforms
 - Trackwork was replaced as part of the Light Rail Track Rehabilitation Program in 2021



Design Elements/Existing Conditions

- Design impact attenuation devices between E. 79th Street traffic and the bridge piers to meet current code requirements
- Make any necessary repairs to the bridge, abutment, and wingwalls



Design Elements/Existing Conditions

- Aesthetic character similar to E. 79th Street Red Line Station:
 1. Site Furnishings
 2. Wayfinding and Signage
 3. Security and Communications Equipment
 4. LED Lighting
 5. Cast-in-place or pre-cast concrete or fiberglass reinforced plastic (FRP) walking surfaces
 6. Steel framed canopy systems



Sustainability

- SITES Certification:
 - Meet or exceed SITES Silver Certification
 - Tri-C Campus District Station
 - E. 79th Street Red Line Station
 - Provide solar panels to provide a portion of the Station’s electrical consumption

AREAS	POINTS
1: SITE CONTEXT	13
2: PRE-DESIGN ASSESSMENT + PLANNING	3
3: SITE DESIGN – WATER	23
4: SITE DESIGN – SOIL + VEGETATION	40
5: SITE DESIGN – MATERIALS SELECTION	41
6: SITE DESIGN – HUMAN HEALTH AND WELL-BEING	30
7: CONSTRUCTION	17
8: OPERATIONS + MAINTENANCE	22
9: EDUCATION + PERFORMANCE MONITORING	11
10: INNOVATION OR EXEMPLARY PERFORMANCE	9

CERTIFICATION LEVEL	POINTS
CERTIFIED	70-84
SILVER	85-99
GOLD	100-134
PLATINUM	135+

Community and Stakeholder

- Stakeholders will be involved the project at the various design stages
- Stakeholders Include, but aren't limited to:
 - GCRTA's User Department, Community Advisory Committee and Board of Trustees
 - City of Cleveland
 - Burten Bell Carr Development Inc.
 - Residents & Other Local Community Organizations

Project Budget/Schedule

- Construction Budget: \$7,500,000
 - GCRTA Awarded \$8 million from the All Stations Accessibility Program (ASAP)
- Anticipated Project Schedule:
 - Design: August 2023 to October 2024
 - 420 days from NTP
 - Bidding: November 2024 to February 2025
 - Construction: March 2025 to September 2026
 - Approximately 18 Months

Procurement Overview

- Request for Proposal (RFP) issued March 27, 2023
- Accessed on the GCRTA web site by forty-four (44) interested parties
- Two (2) firms proposed
- Two (2) firms were interviewed

Procurement Overview

Evaluation Panel Members:

- Engineering and Project Development
- Safety
- Procurement
- Office of Management and Budget
- Burten Bell Carr Development Inc. (stakeholder)

Procurement Overview

Evaluation Criteria:

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

Procurement Overview

Most technically qualified

- Richard L. Bowen & Associates, Inc.

A 14% DBE goal was assigned to this project and will be met by utilizing:

- Advance Engineering Consultants
- Resource International
- Knight & Stolar

Procurement Overview

Firm Experience:

- Richard L. Bowen & Associates, Inc. has successfully completed projects for Lorain County, COTA (Central Ohio Transit Authority), GCRTA, and Norfolk Southern, among others.
- Richard L. Bowen & Associates, Inc. has prior experience with architectural and engineering projects and has experienced and qualified staff.

Procurement Overview

Staff requests that the Operational Planning & Infrastructure Committee recommend award to Richard L. Bowen & Associates, Inc. for A/E Services for E. 79th Street Light Rail Reconstruction. The base contract is not to exceed \$859,825.01.

Procurement Overview

Questions?



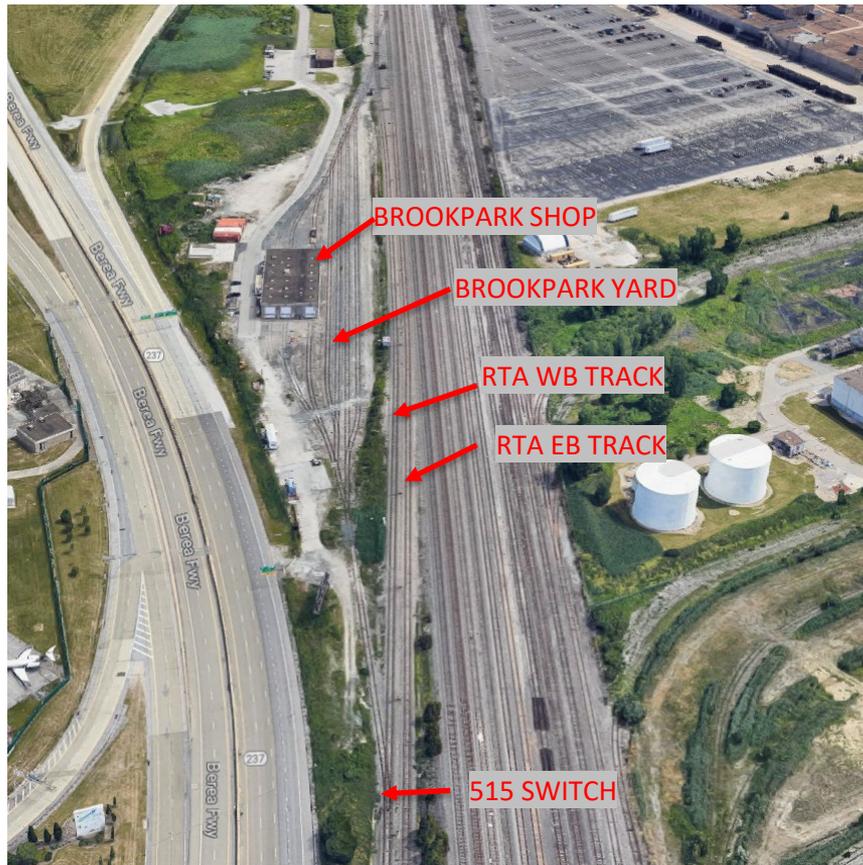
Addition of 515 Turnout at the West End of Brookpark Yard

Presented to:

Operational Planning & Infrastructure Committee

July 18, 2023

Addition of 515 Turnout at the West End of Brookpark Yard



Addition of 515 Turnout at the West End of Brookpark Yard

- Project Limits from Airport Station to Brookpark Interlocking
- Work includes necessary changes at Brookpark Tower
- Service Impacts: 9-day single track
- The Engineer's Estimate was \$2,999,500.00

Addition of 515 Turnout at the West End of Brookpark Yard

- Alstom Model 5E Switch Machines and switch layouts
- Snow melters / controls with snowmelter cases
- Signals and signal foundations
- Local control panel tiles, lights, and controllers
- Software revisions to the VPI programs at Airport and Brookpark
- Cable and cable installation

Addition of 515 Turnout at the West End of Brookpark Yard

Procurement Overview

- Invitation For Bid (IFB) issued May 24, 2023
- Accessed on the GCRTA website by twenty-eight (28) interested parties
- Three (3) firms submitted a bid

Addition of 515 Turnout at the West End of Brookpark Yard

Lowest responsive and responsible vendor:

- Hatzel & Buehler, Inc. of Cleveland, Ohio
- A 12% DBE participation goal was assigned to this procurement by the Office of Business Development. Hatzel & Buehler, Inc. DBE goal will be achieved by utilizing:
 - Safeguard Associates, Inc.
 - Cook Paving & Construction Co., Inc.

Addition of 515 Turnout at the West End of Brookpark Yard

Firm Experience:

- Hatzel & Buehler, Inc. has successfully completed projects for GCRTA, Cuyahoga Community College, Cleveland Metropolitan School District, MetroHealth, PNC Bank, and United Way of Cleveland, among others.
- Hatzel & Buehler, Inc. has current projects with GCRTA, City of Cleveland, Kent State University, University Hospitals, Cleveland Clinic, Cleveland State University, and Cleveland Metroparks, among others.

Addition of 515 Turnout at the West End of Brookpark Yard

Recommendation:

Staff requests that the Operational Planning and Infrastructure Committee recommend award to Hatzel & Buehler, Inc. for the Addition of 515 Turnout at the West End of Brookpark Yard. The contract is not to exceed \$2,715,000.00.

Addition of 515 Turnout at the West End of Brookpark Yard

Questions?



On Call Testing and Reporting 2023

Presented to:

Operational Planning & Infrastructure Committee

July 18, 2023

On Call Testing and Reporting 2023

Project Overview:

- Provide laboratory testing, special inspections, field testing, other testing as needed, and report results.
- Work is by Task Order Assignment.
- Total Task Orders not to exceed \$200,000.00 over a 24-month term.
- Both Bus and Rail project assignments.

On Call Testing and Reporting 2023

- Anticipated Assignments:
 - Special Inspections as per Ohio Building Code 1704
 - Geotechnical Investigations
 - Environmental Testing
 - Environmental Phase I and Phase II reports
 - Other Testing as required

On Call Testing and Reporting 2023

Procurement Overview:

- Request for Proposal (RFP) issued May 1, 2023
- Accessed on the GCRTA website by eighteen (18) interested parties
- Two (2) firms proposed
- Two (2) firms were interviewed

On Call Testing and Reporting 2023

- Evaluation Panel Members:
 - Engineering and Project Management
 - Office of Business Development
 - Office of Management and Budget
 - Management Information Services
 - Procurement

On Call Testing and Reporting 2023

Evaluation Criteria:

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

On Call Testing and Reporting 2023

Recommended vendor:

- ECS Midwest, LLC
Brooklyn Heights, Ohio
- 5% DBE Goal will be met by utilizing:
 - Denise's Flagging & Construction Services

On Call Testing and Reporting 2023

Firm Experience:

- ECS Midwest, LLC has successfully completed projects for Cuyahoga County Public Works, the Northeast Ohio Regional Sewer district, and the City of Shaker Heights, among others.
- Firm established in 1988
- Experienced and qualified staff
- Local certified testing laboratory

On Call Testing and Reporting 2023

Staff Requests that the Operational Planning and Infrastructure Committee recommend award to ECS Midwest, LLC for On Call Testing and Reporting 2023. The contract is in an amount not to exceed \$200,000.00 for 24 months.

On Call Testing and Reporting 2023

Questions?



Intergovernmental Student Transportation Agreement Cleveland Metropolitan School District (CMSD)

Presented to: Operational Planning &
Infrastructure Committee

July 18, 2023

Overview

- CMSD wants to make public transportation available to its enrolled students in Grades 7-12.
- Agreement Term: 2023 - 2024 school year.
- The estimated value of this contract is \$1,270,000.

Overview

- GCRTA provides magnetic stripe farebox compatible picture ID cards.



Highlighted Terms

- 13,000 student ID cards/passes will be issued for student use on GCRTA vehicle as proof of payment.
- CMSD will make 10 monthly installment payments.
- GCRTA will provide CMSD a reconciliation of actual student rides and bill/credit CMSD on a quarterly basis at \$1.70 per ride.
- Any student tickets provided for services over and above this agreement will be at \$1.75/ride.

Recommendation

Staff requests that the Operational Planning & Infrastructure Committee recommend to the Board of Trustees the approval of the Intergovernmental Student Transportation Agreement with CMSD for the 2023-24 school year.

Questions



2024 Tax Budget

Operational Planning & Infrastructure Committee

July 18, 2023

Office of Management & Budget

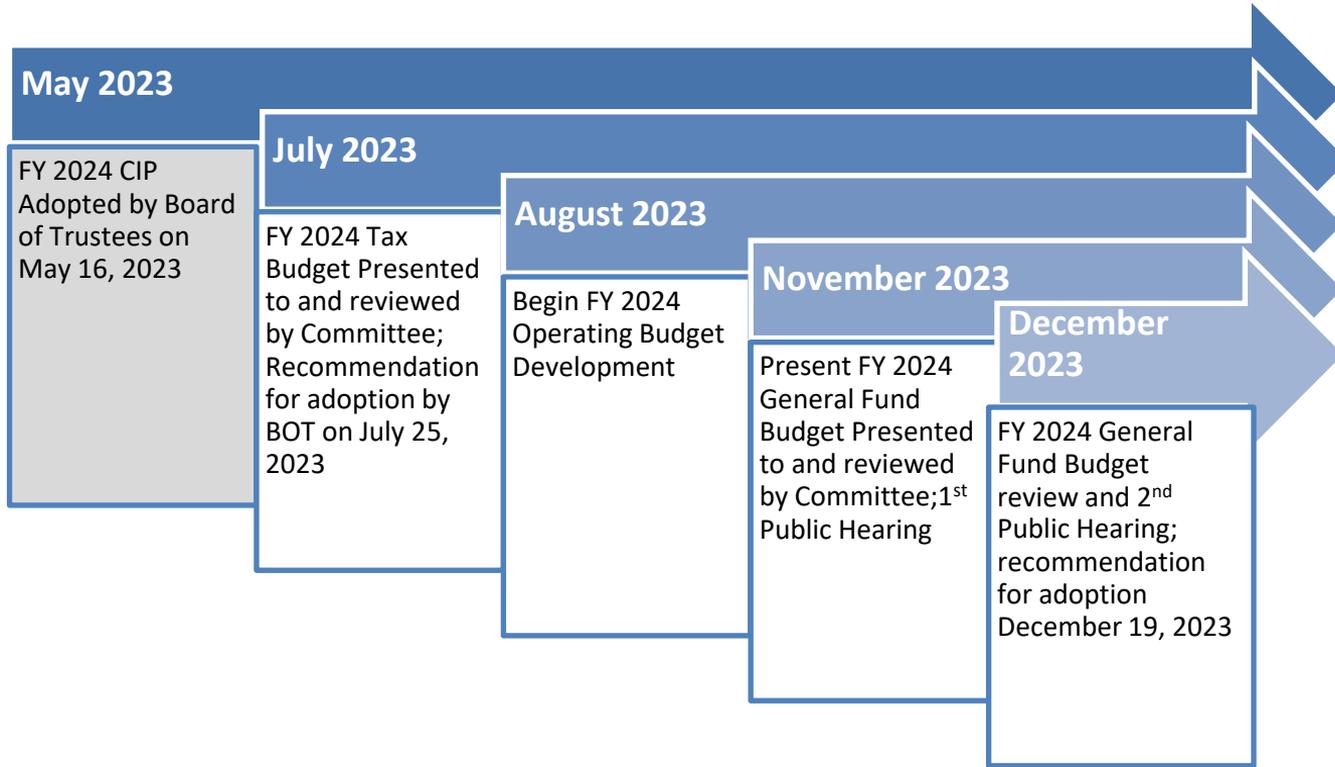
Agenda

2024 Tax Budget

- Budget Schedule
- Assumptions

Public Hearing

FY 2024 Budget Schedule



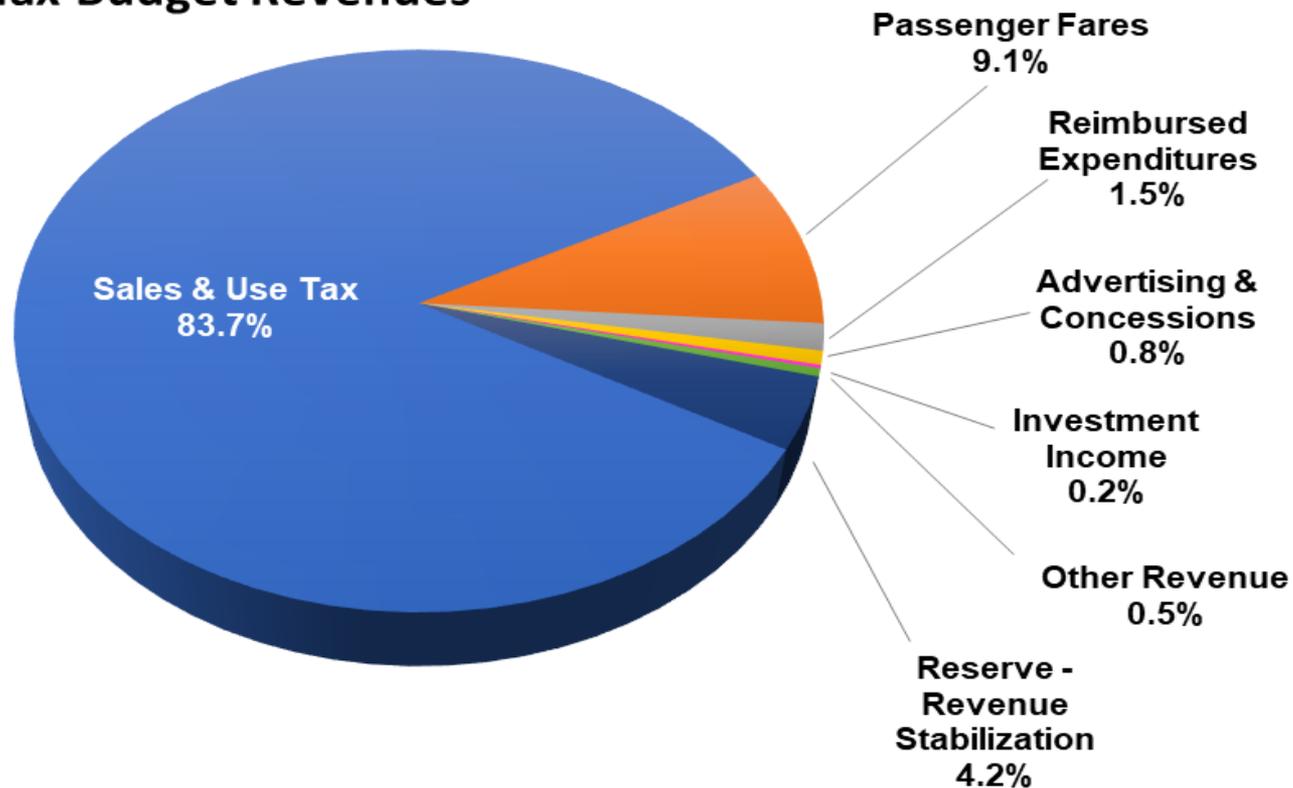
2024 Economic Assumptions

- Inflation 4.5%
- Interest Rates 4.8%
- Ridership modest growth
- Service Levels NextGen
- Sales Tax modest growth
- Wage Increases largely contractual

General Fund Revenues

(in Millions)	2024 Tax Budget	2025 Plan	2026 Plan
Passenger Fares	\$29.3	\$29.9	\$30.5
Sales & Use Tax	269.4	274.8	280.3
Reimbursements	5.0	5.0	5.0
Advertising, Investment Income, Other	4.7	4.7	4.7
Transfer From Reserve Fund – Revenue Stabilization	13.5	18.0	19.0
Total Revenues	\$321.9	\$332.3	\$339.5

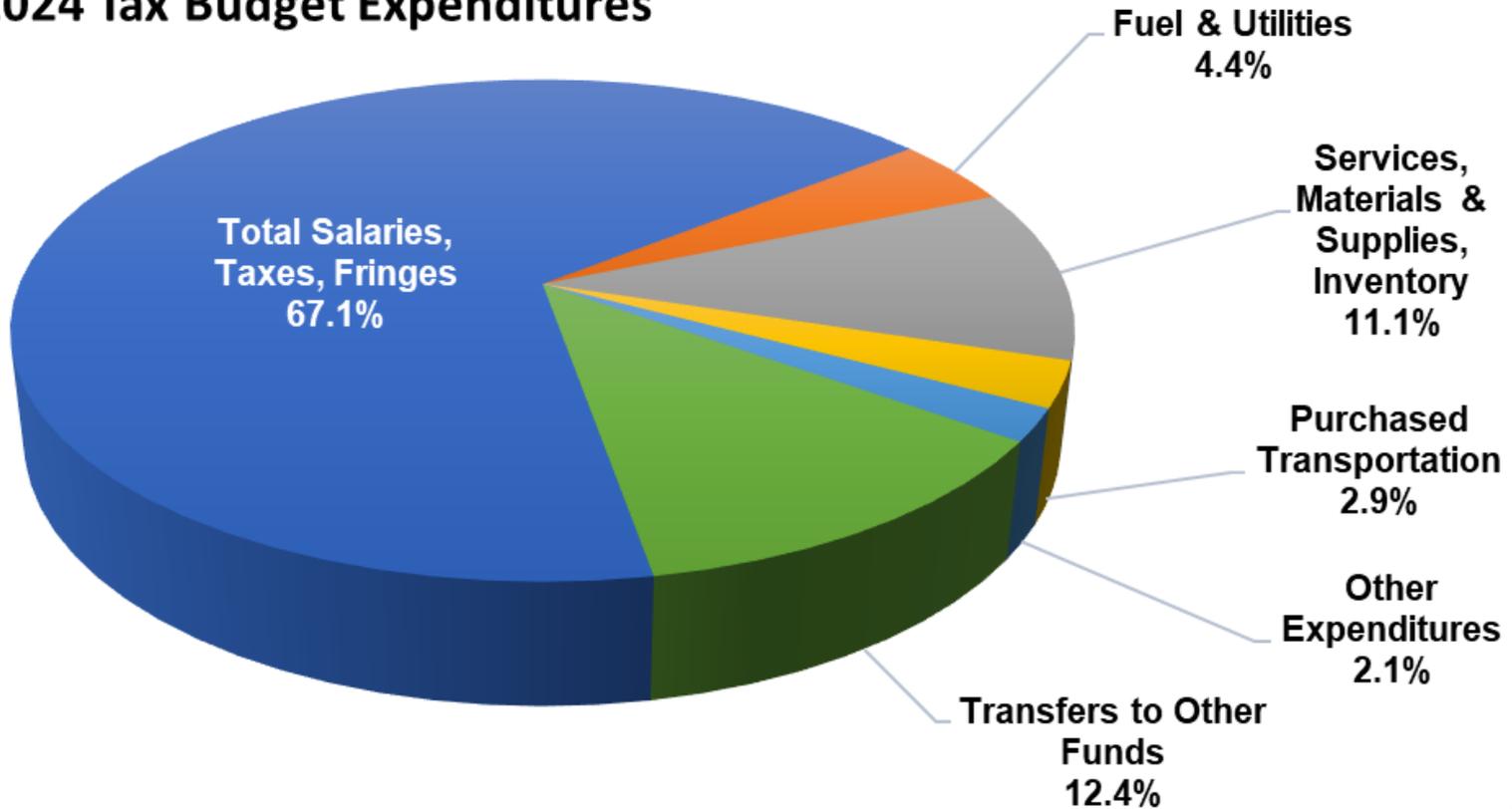
FY 2024 Tax Budget Revenues



General Fund Expenditures

(in Millions)	2024 Tax Budget	2025 Plan	2026 Plan
Salaries and Overtime	\$161.3	\$168.5	\$167.9
Payroll Taxes & Fringe Benefits	60.2	59.7	59.8
Fuel & Utilities	14.5	14.2	13.5
Inventory	12.6	12.7	12.7
Services, Materials, Supplies	24.2	24.2	24.4
Purchased Transportation	9.7	9.8	9.8
Other Expenditures	6.9	6.9	6.9
Transfers	40.8	35.8	41.9
Total Expenditures	\$330.2	\$331.8	\$336.9

FY 2024 Tax Budget Expenditures



2024 Tax Budget

(in Millions)	2024 Tax Budget	2025 Plan	2026 Plan
Total Operating Revenues	\$32.5	\$33.0	\$33.7
Total Non-Operating Revenues	275.9	281.3	286.8
Transfer from Reserve – Revenue Stabilization	13.5	18.0	19.0
Total Revenues	321.9	332.3	339.5
Operating Expenditures	289.4	295.9	295.0
Transfers to Other Funds	40.8	35.9	41.9
Total Expenditures	330.2	331.8	336.9
Estimated Beginning Balance	34.0	25.7	26.2
Estimated Ending Balance	25.7	26.2	28.8
Estimated Months Reserve	1.1	1.1	1.1

Tax Budget Public Hearing

Public Comments:

- In person
- Phone – 440-276-4600
- Email – public-comment@gcrta.org

Staff requests that the Operational Planning & Infrastructure Committee recommend the FY 2024 Tax Budget to the Full Board for approval.

Committee of the Whole

Chair: Rev. Charles P. Lucas



Proposed Revisions to the Codified Rules and Regulations

Committee of the Whole
July 18, 2023

Background

- Codified in 1989 (Resolution 1989-176)
- Review and update to bring policies in line with current operations
- Subject to review and revision every 3 years

Workers' Compensation

- Recommend removing Section 644.11 Workers' Compensation as duplicative of Personnel Policy 400.11
- No changes to Personnel Policy 400.11

Professional Society Membership

- Recommend removing Section 644.14 Professional Society Membership as duplicative of Personnel Policy 400.14
- Recommend amending Personnel Policy 400.14
 - Provide for RTA to pay license fees directly
 - Increase limit for memberships to \$1,000.00

Transit Amenities

- Section 1014.01 requires 50 daily boardings at a bus stop to justify a shelter
- Recommend changing the policy from 50 to 30
- The change makes approximately 30 - 40 unsheltered stops eligible for a shelter if site allows
- The change supports the Strategic Plan

Vehicle Assignment

- Recommend amending Section 1014.02(d) to:
 - Acknowledge use of “Trolley” vehicles on non-Trolley service routes
 - Update assignment of standard transit buses to reflect NEXT GEN service profile

Recommendation

Staff requests that the Committee of the Whole recommend these provisions to the Board of Trustees for approval.

Questions