



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

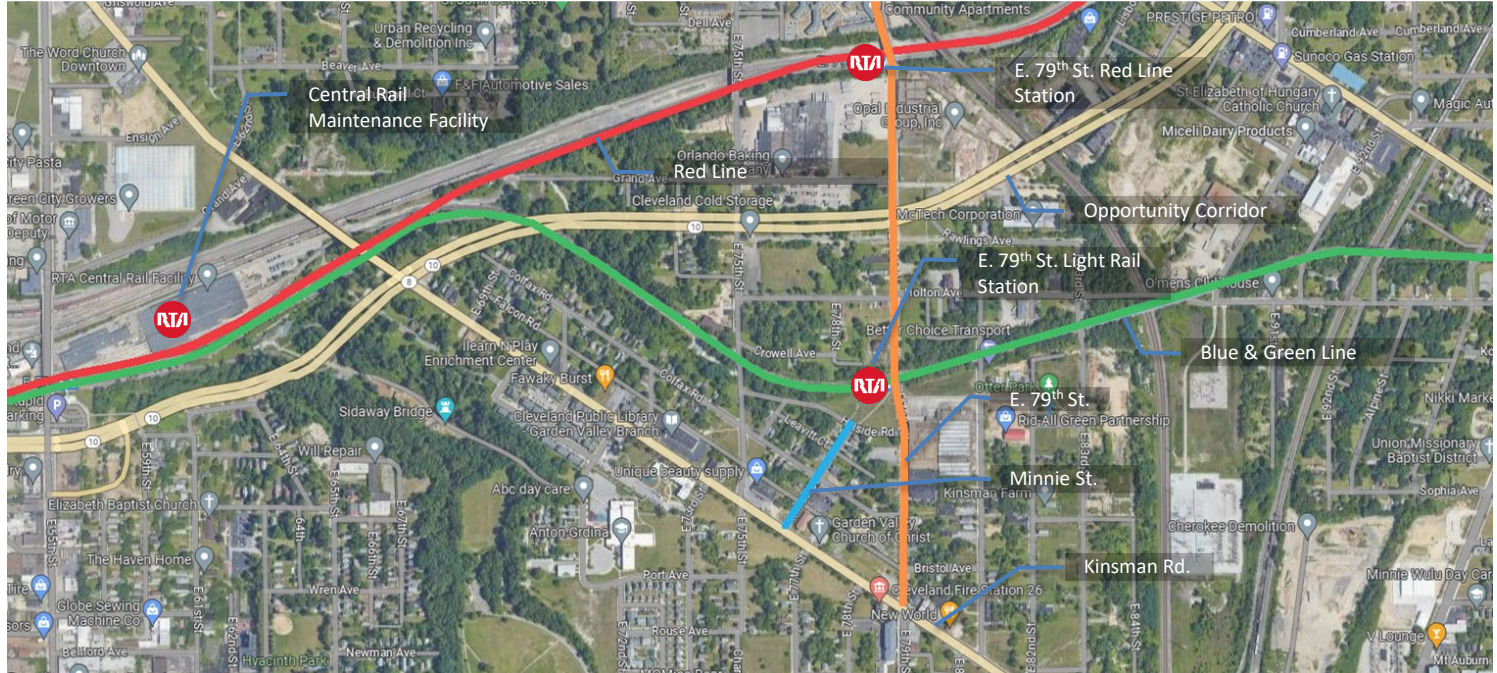
Operational Planning & Infrastructure
Committee

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?