

Warrensville-Van Aken Station Track, Power, OCS, and Signal Reconstruction

Operational Planning & Infrastructure
Committee

September 9, 2025

Greater Cleveland Regional Transit Authority

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Project Overview

- The station serves GCRTA Light Rail system at the end of the Blue Line and GCRTA busway transfer point for 14,14A, 41 and 41A bus routes.
- GCRTA partnered with the City of Shaker Heights and the Van Aken District owners, RMS, to rehabilitate and enhance the station site.
- Purpose of Project:
 - Create strong connection to GCRTA train station, busway, commercial district, and neighborhoods.
 - Create architectural space to uplift and inspire community.
 - Provide quality service.
 - Update ADA accessibility and security.

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Project Team

Design was produced primarily by GCRTA staff.

- Project Consultants:
 - WSP USA, Inc.— Train Track Realignment Engineering
 - Mott MacDonald, LLC. – Signal Engineering
 - KS Associates, Inc. – Site Survey
 - K&J Safety and Security Consulting Services, Inc. – Safety and Security Certification

Design coordination with The City of Shaker and RMS

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Van Aken District - Transit Oriented Development

Phase 1: Mixed Use Development

- \$100 million, completed 2019.
- 100,000 SF of new commercial space
- 65,000 SF of new office space
- 103 new apartments



Phase 2: RAYE - Apartment Towers

- Multi-million, substantial completion 2024
- 226 new apartments



Phase 3: Future Office Building

- 100,000 SF of proposed office space.
- Cost and schedule unknown

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City of Shaker Heights - Transit Oriented Development

Van Aken District - Public Realm Project:

- The City undertook the project to incorporate GCRTA's station projects.
- Streetscape and Plaza Site Improvements around the station to unify the Development.
- \$1.5 million, Transportation Alternative Program (TAP) funds from (NOACA)
- Construction completion, anticipated 2025.



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Van Aken District - Public Art - Community

- City of Shaker Heights - Public Realm Project in partnership with GCRTA & RMS.
- Public Art Selection Process:
 - Art committee of residents, art professionals, City staff, & GCRTA.
- Signature artwork to help activate & beautify space around GCRTA station.
- Artwork serves as a shade structures for the new plaza.



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Project Location

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Project Overview & Scope of Work

- Phase-1: Currently Under Construction, Separate GCRTA Contract
 - Demolish portion of the existing station.
 - Replacement of GCRTA Comfort Station.
 - Construct new ADA compliant train station waiting platform.
 - Install new retaining walls and decorative fences to restrict access to areas around site infrastructure.
 - Upgrade security, lighting and signage.
- Phase-2: This Contract
 - Demolish remaining portion of the existing station.
 - Construct new tracks & crossover east of Farnsleigh Road.
 - Construct new track bed & drainage system.
 - Install new overhead catenary system (OCS).
 - Upgrade Signal & power system.

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Existing Conditions: 2024

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Existing Conditions: 2024

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Existing Conditions: 2025 Recent Phase-1, Demolition Activities

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FARNSLEIGH ROAD

AT GRADE RAIL CROSSING

DIAMOND CROSS-OVER TRACK

EXISTING VAN AKEN DISTRICT

EXISTING RTA SUBSTATION

AT GRADE RAIL CROSSING

MEADE ROAD

EXISTING BUSWAY

PLATFORM ENTRY
PHASE-1
UNDER CONSTRUCTION

UTILITY AREA

BUS WAITING AREA
PHASE-1
UNDER CONSTRUCTION

UTILITY AREA

TRACK YARD AREA

WESTBOUND TRACK

TRAIN STATION PLATFORM

EASTBOUND TRACK

UTILITY AREA

BUS WAITING AREA
PHASE-1
UNDER CONSTRUCTION

EXISTING BUSWAY

EXISTING PARKING

COMFORT STATION BLDG.
PHASE-1
UNDER CONSTRUCTION

TUTTLE ROAD

ACCESS GATE
MOUNTABLE CURB
PHASE-1
UNDER CONSTRUCTION

PLATFORM ENTRY
PHASE-1
UNDER CONSTRUCTION

EXISTING SHAKER HTS.
PUBLIC REALM
PROJECT AREA

SITE PLAN

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Busway and Tuttle Road - Aerial View

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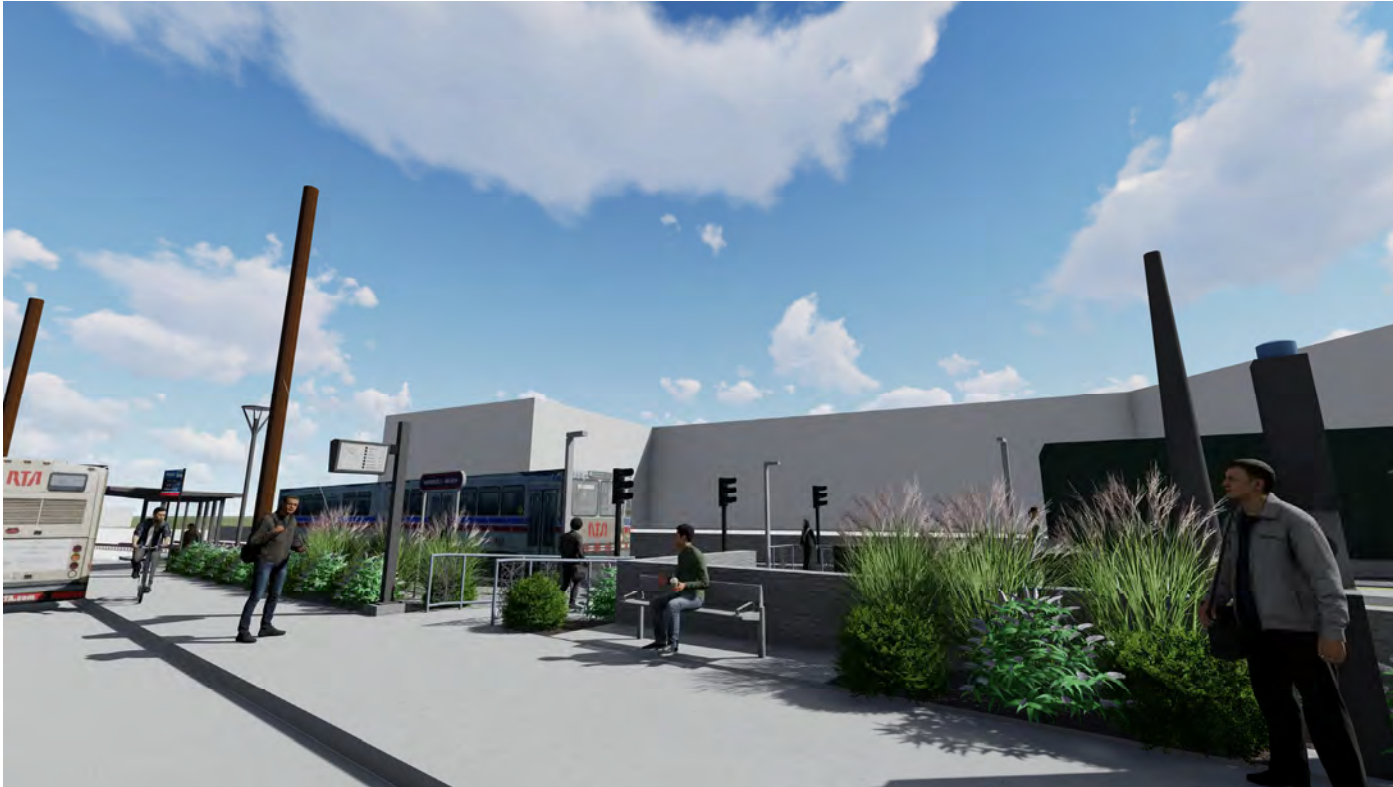
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Tuttle Road – East Entry View

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Busway – West Entry View

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Proposed Project Schedule

Phase-1: Construction Completion, anticipated 2026

Phase-2: This Contract

- Notice to Proceed: November 2025
- Delivery of Long Lead Time Materials, anticipated 16 - Months
- Construction Duration, anticipated 8 - Months
 - Existing Train Station closed during construction
 - Buses replace Train service during construction
 - Busway open during construction
- Substantial Completion: December 2027
- Final Completion: March 2028

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Warrensville-Van Aken Station Track, Power, OCS, and Signal Reconstruction

Procurement Overview

- Invitation for Bid (IFB) issued July 21, 2025
- Accessed on the GCRTA website by twenty-two (22) interested parties
- Two (2) firms submitted a bid

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Warrensville-Van Aken Station Track, Power, OCS, and Signal Reconstruction Procurement Overview

Lowest responsive and responsible Vendor:
RailWorks Track Services, LLC

A 7% DBE participation goal was assigned to this project. This goal will be met utilizing Cook Paving and Construction, Inc.

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Warrensville-Van Aken Station Track, Power, OCS, and Signal Reconstruction Procurement Overview

Firm Experience:

- RailWorks Track Services, LLC has successfully completed projects for GCRTA, Chicago Transit Authority, Amtrak, Joliet Bulk and Barge, and CSX, among others.

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Warrensville-Van Aken Station Track, Power, OCS, and Signal Reconstruction Procurement Overview

Recommendation:

Staff Requests the Operational Planning and Infrastructure Committee recommend award to RailWorks Track Services, LLC for the Warrensville-Van Aken Station Track, Power, OCS, and Signal Reconstruction. The contract amount is in an amount not to exceed \$11,185,852.00.

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Questions / Comments

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Questions?

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