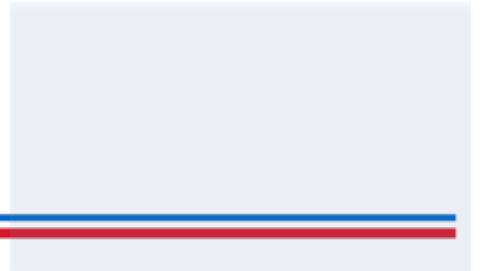




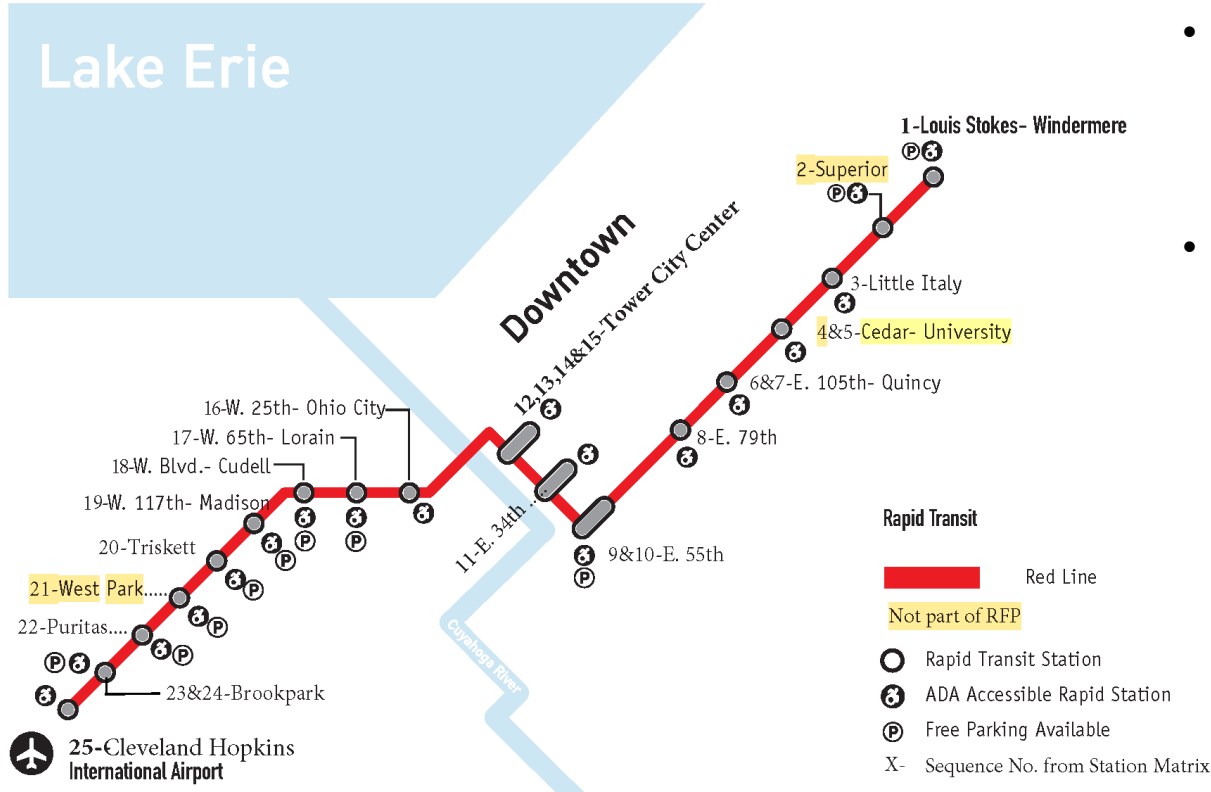
# Engineering Services for the Red Line Station Platform Modifications

Operational Planning &  
Infrastructure Committee

July 9, 2024



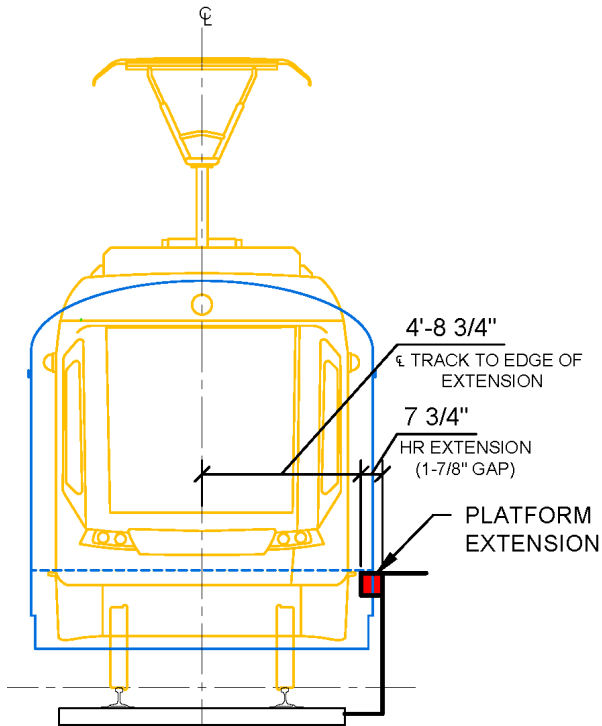
# Engineering Services for the Red Line Station Platform Modifications



- 25 RTA station platforms require modifications. This contract solicited design of 22 platforms along the Red Line.
- Remaining three RTA stations at Superior, Cedar/University East and West Park will occur within a separate parallel design and construction contract.



# Engineering Services for the Red Line Station Platform Modifications



- Heavy Rail Platform extensions are required for new narrower rail fleet vehicles. The extension will provide an acceptable 2" +/- threshold gap for revenue trains.
- Platform extension designs will vary based upon existing platform conditions and materials. The design focus is on platform extension not replacement.

# Engineering Services for the Red Line Station Platform Modifications

## RED LINE East

No.	1	3	5	6	7	8
STATION PLATFORM	Windermere	Little Italy	Cedar-University (West)	E. 105th & Quincy (East)	E. 105th & Quincy (West)	E. 79th
MODIFY # OF EDGES	2	2	2	2	2	2

## Joint Territory

No.	9	10	11	12	13	15
STATION PLATFORM	E. 55th	E. 55th - Yard Track 1	E. 34th Tri-C	Tower City (Track 7)	Tower City (Track 8 West)	Tower City (Track 13 East)
MODIFY # OF EDGES	2	1	2	2	1	1

## RED LINE West

No.	14	16	17	18	19	20	22	23	24	25
STATION PLATFORM	Tower City (Track 10 West)	W. 25th	W. 65th	West Boulevard	W. 117th	Triskett	Puritas	Brookpark	Brookpark Relief Platform*	Airport
MODIFY # OF EDGES	2	2	2	2	2	2	2	2	1	2

1st IFB package
  2nd IFB package

- With 22 platforms total, six station platform designs for the Red Line east extensions and ten station platform designs for the Red Line west extensions will be respectively combined for construction contracts.
- The remaining six Joint Territory platforms will be combined in a separate construction contract for when the existing light rail trains are retired.



# Engineering Services for the Red Line Station Platform Modifications

Design of 22 platform edge modifications at 15 RTA stations across the east and west Red Line.

- Phase 1
  - Repair details to improve existing platform components
  - New anchorage details to accept modular edge width extensions (8" +/-)
- Phase 2
  - During a multiple station segment shutdown, install new edge width extensions; once installed, new fleet can be operational on that segment of the Red Line.
- Remaining Red Line stations at Superior, Cedar/University East and West Park, in a separate contract, require a complete platform replacement due to deterioration.



# Engineering Services for the Red Line Station Platform Modifications

## Procurement Overview

- Request for Proposal (RFP) issued April 15, 2024
- Accessed on the GCRTA website by sixteen (16) interested parties
- Two (2) firms submitted a proposal
- Two (2) firms were interviewed



# Engineering Services for the Red Line Station Platform Modifications

## Procurement Overview

Evaluation Panel Members:

- Engineering and Project Development
- Safety Department
- Office of Management and Budget
- Operations
- Office of Business Development
- Procurement



# Engineering Services for the Red Line Station Platform Modifications Procurement Overview

## Evaluation Criteria:

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





# Engineering Services for the Red Line Station Platform Modifications Procurement Overview

Most technically qualified vendor:

- Osborn Engineering

A 11% DBE goal was assigned to this project and will be met by utilizing:

- G&T Associates
- Somat Engineering, Inc.
- Denise's Flagging and Construction Services, Inc.



# Engineering Services for the Red Line Station Platform Modifications

## Procurement Overview

### Firm Experience:

- Osborn Engineering has successfully completed projects for Greater Cleveland RTA, Decatur Public Transit System, Cuyahoga County, ODOT, and the Cleveland Guardians, among others.
- Osborn Engineering has a knowledgeable staff, is familiar with GCRTA rail needs, and has provided quality deliverables on past projects.



# Engineering Services for the Red Line Station Platform Modifications

## Procurement Overview

Recommendation:

Staff Requests that the Operational Planning and Infrastructure Committee recommend award to Osborn Engineering for Engineering Services for the Red Line Station Platform Modifications. The contract is in a negotiated amount not to exceed \$861,676.92.



# Questions

