



# Design Services for MetroHealth Line Bus Rapid Transit (BRT)

Presented to: Operational Planning &  
Infrastructure Committee

January 9, 2024

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# Design Services for MetroHealth Line Bus Rapid Transit (BRT)

Goal:

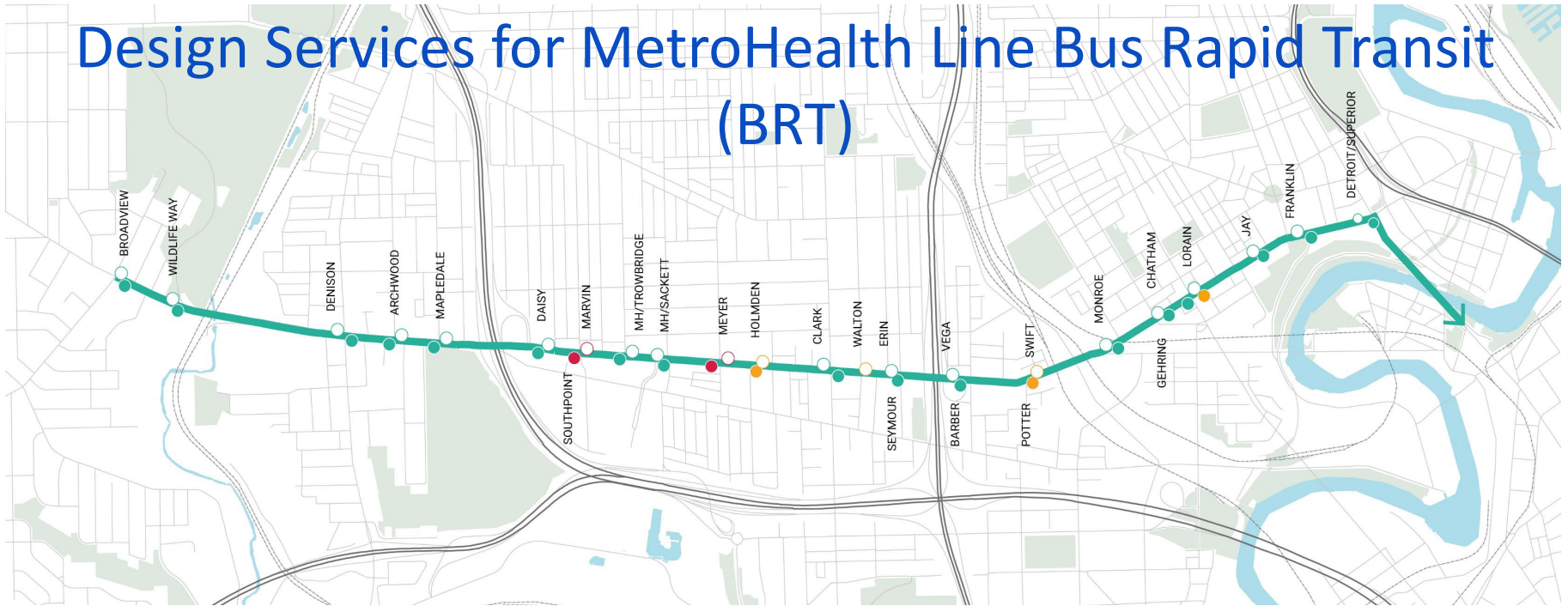
To construct an FTA funded BRT on W. 25<sup>th</sup> Street from Detroit/Superior Bridge approximately four miles south to Broadview/State/Pearl Road split.

# Design Services for MetroHealth Line Bus Rapid Transit (BRT)

- Approximately four miles
- Traverses five neighborhoods
- GCRTA priority corridor
- 1.7M boardings (2019)
- 44 curbside stations
- Traffic signal enhancement
- Community-led involvement



# Design Services for MetroHealth Line Bus Rapid Transit (BRT)



## PROPOSED BRT BUS STOPS

- NORTHBOUND
- SOUTHBOUND
- NORTHBOUND ALTERNATIVE
- SOUTHBOUND ALTERNATIVE

## EXISTING BUS STOPS/NOT PART OF BRT

- NORTHBOUND
- SOUTHBOUND

The **MetroHealth Line**, running through W. 25th Street, is among RTA's busiest routes **with 1.7 million rides annually**. **25 Connects'** purpose is to prepare a 4-mile segment of this corridor for design of an **FTA eligible Bus Rapid Transit** project that preserves the corridor for **transit and transit-oriented** development maximizing the benefits of TOD with the aid of key stakeholders like the City of Cleveland, MetroHealth. CDC's and the diverse population residing along the corridor.

# Design Services for MetroHealth Line Bus Rapid Transit (BRT)

Three Processes:

1. Planning – W. 25 Connects
2. Design/Engineering – including NEPA & Section 106
3. Construction – Future IFB(s)

# Design Services for MetroHealth Line Bus Rapid Transit (BRT)

- Achieve compliance with NEPA & Section 106 as demonstrated by FTA concurrence
- Documented categorical exclusion with Section 106 compliance
- Environmental justice community
- Transit-oriented development coordination with City and development organizations

# Design Services for MetroHealth Line Bus Rapid Transit (BRT)

- Bilingual (English-Spanish)
  - Meetings/Presentations/Documents
  - Signage
  - Website

# Design Services for MetroHealth Line Bus Rapid Transit (BRT)

- Shelter Design - in house by GCRTA
  - Determine final number and locations
  - Family of shelter sizes/amenity packages
  - Appropriate to area context
  - Modern, light, type of structure
  - Continue engagement with customers
- Concrete bus pads at all stops



# Design Services for MetroHealth Line Bus Rapid Transit (BRT)

- Complete survey including adjacent building, access, and parking
- Develop roadway, intersection & drainage profiles, and cross-sections
- Develop signal plans – Transit prioritization along the corridor
- Lighting and utility plans as necessary

# Design Services for MetroHealth Line Bus Rapid Transit (BRT)

- Participate in design public meetings
- Design landscaping along corridor where possible
- Develop cost estimate & schedule
- Create 100% construction bid documents
- Assist during bidding
- Assist in construction administration

# Design Services for MetroHealth Line Bus Rapid Transit (BRT)

Schedule (calendar days after NTP):

- 14 days for design schedule and QA/QC Plan
- 90 days for field survey
- 180 days for conceptual (30%) design
- 180 days NEPA documentation submittal
- 330 days preliminary (60%) design documents
- 450 days construction (90%) documents

# Design Services for MetroHealth Line Bus Rapid Transit (BRT)

Schedule (continued):

- 540 days completed (100%) construction documents
- 570 days bidding documents
- 600 days for bidding services
- 10 business days after bid submit conformed set to include all addendums
- 730 days for construction services

# Design Services for MetroHealth Line Bus Rapid Transit Procurement Overview

- Request for Proposal (RFP) issued July 26, 2023
- Accessed on the GCRTA website by forty (41) interested parties
- Four (4) firms submitted proposals
- Four (4) firms were interviewed

# Design Services for MetroHealth Line Bus Rapid Transit Procurement Overview

## Evaluation Panel Members:

- Engineering and Project Development
- Programming & Planning
- Safety
- Project Support, Quality Assurance
- Office of Management and Budget
- Administration & External Affairs
- Office of Business Development
- Procurement

# Design Services for MetroHealth Line Bus Rapid Transit Procurement Overview

## Evaluation Criteria:

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

# Design Services for MetroHealth Line Bus Rapid Transit Procurement Overview

Most technically qualified vendor:

- Michael Baker International, Inc., Cleveland, OH

A 13% DBE goal was assigned to this project and will be met by utilizing:

- 2LMN, Inc.
- ASC Group, Inc.



# Design Services for MetroHealth Line Bus Rapid Transit Procurement Overview

## Firm Experience:

- Michael Baker International, Inc. has successfully completed projects for GCRTA, Ohio Department of Transportation, Norfolk Southern, Cuyahoga County Department of Public Works, Port of Cleveland, and Pittsburgh Regional Transit Authority, among others
- Michael Baker International, Inc.'s personnel are experienced and familiar with the MetroHealth corridor as a consultant and in providing quality deliverables.

# Design Services for MetroHealth Line Bus Rapid Transit Procurement Overview

Staff Requests that the Operational Planning and Infrastructure Committee recommend award to Michael Baker International, Inc. for Design Services for MetroHealth Line Bus Rapid Transit (BRT) in a negotiated total contract amount not to exceed \$2,353,751.00.

# Design Services for MetroHealth Line Bus Rapid Transit Procurement Overview

Questions?