



METRO BUS RAPID TRANSIT (BRT)

May 2025

Open House



THANK YOU FOR JOINING US TODAY!

We are glad that you are here and are taking the time to watch this presentation, talk with us, and provide your input.



TOPICS

- About MetroRapid and the project schedule
- MetroRapid vehicle testing results
- Station location update
- Station naming update
- Station types and video



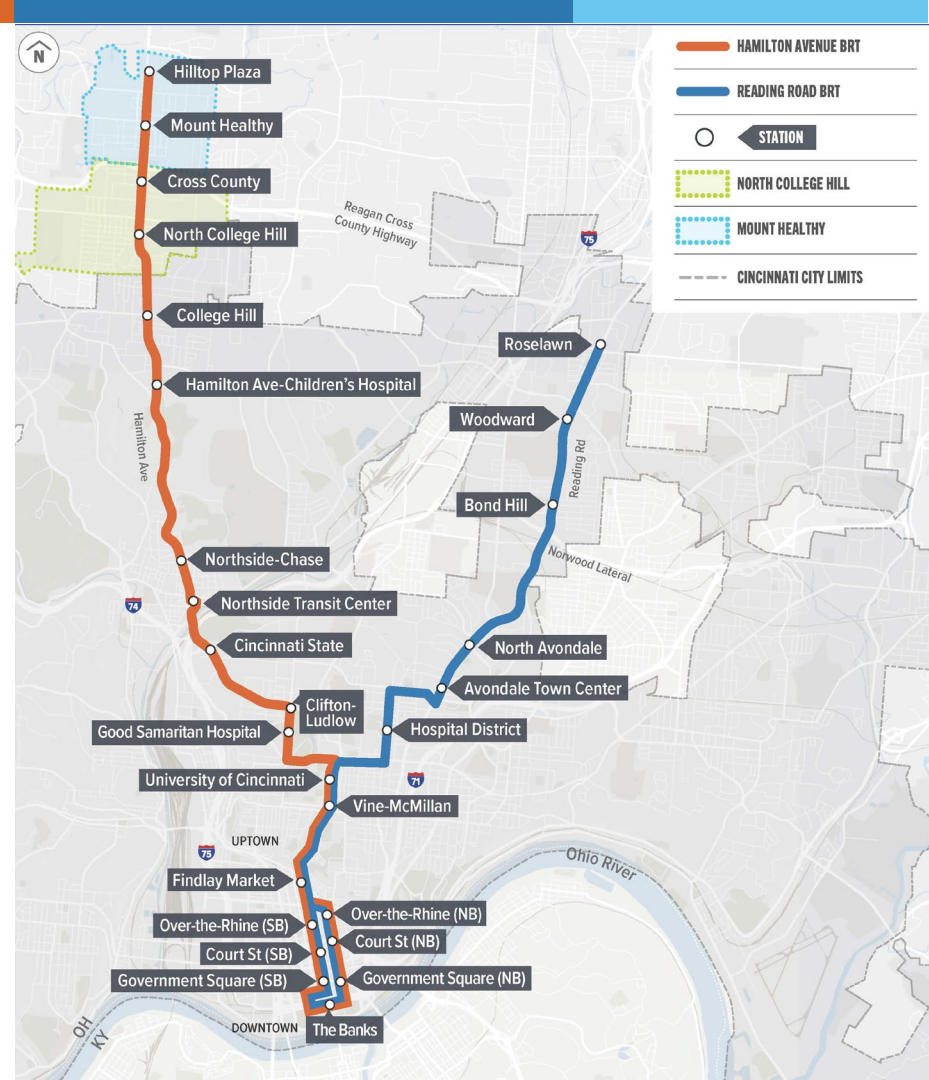
BUS RAPID TRANSIT (BRT)

- Combines flexibility of buses with the efficiency of rail
- Uses advanced technologies, infrastructure, and operational investments to provide a significantly better service
- Provides faster trip experience and greater service reliability
- Plays a substantial role in economic development
- Positively impacts businesses and property values



BRT PROJECTS

- Shared Downtown/Uptown BRT area
 - 3 miles
 - 10 stations
- Reading Road BRT
 - 9.2 miles
 - 6 stations
- Hamilton Avenue BRT
 - 11.8 miles
 - 11 stations



PROJECTS TIMELINES

READING

2024

- Begin Design Phase,
- Launch Interactive Website,
- Develop New Service Name

2025

- Finalize Input on Station Location, Design, and Finishes

2026

- Complete Design
- Begin Construction

2028

- Launch Service

HAMILTON

2024

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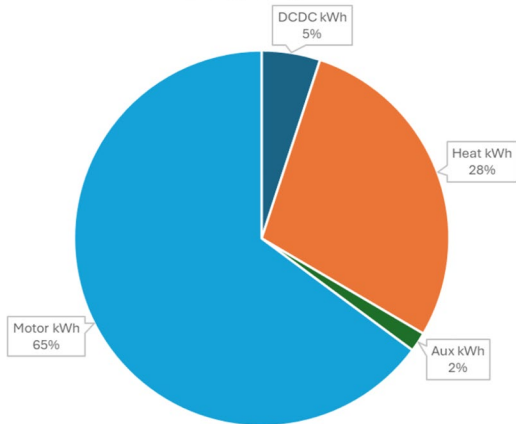
VEHICLE TESTING

VEHICLE EVALUATION

- Cold weather range
- Turning circle
- Winter weather drivability and heater performance
- Performance on hills
- General function
- Operator feedback
- Maintenance feedback



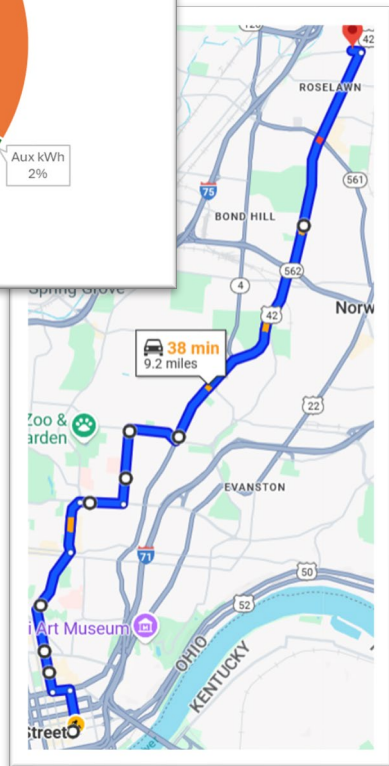
NFI Energy Usage - Cold



KEY TAKEAWAYS

- Turning – better than current 40ft buses.
- Gradeability – navigated the steepest hills.
- Winter weather – drivability was good in icy conditions.
- Range – acceptable with future planned enhancements.

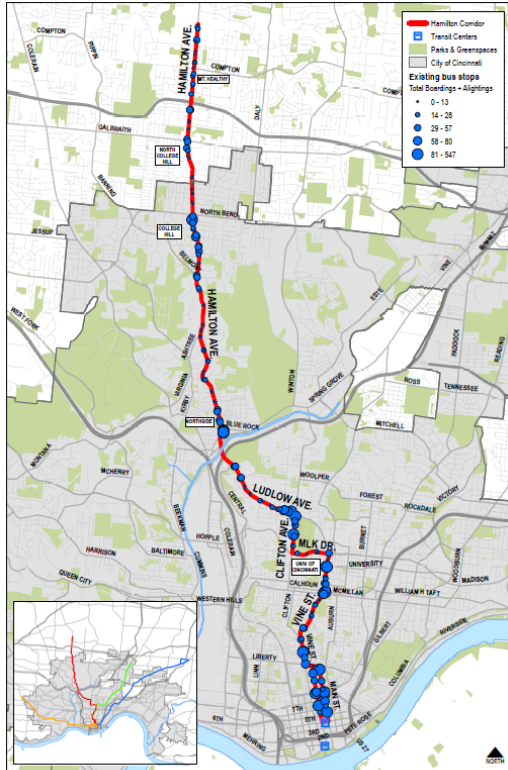
Spec	NFI CHARGE NG (XE60) - DASH	RIDE (BYD) K11M	NFI XD60 diesel	Gillig diesel (#2003)
Model Year	2021	2019	2025	2020
Length, Overall	60' 10"	60' 7"	60' 10"	40'
Curb weight	51,100 lbs	53,150 lbs	42,790 lbs	27,620 lbs
Powered axles	2	1	1	1
Total power	280kW + 160kW = 440kW	180kW (x2) = 360kW	Cummins L9 330hp/24 7kW	Cummins L9 330hp/24 7kW





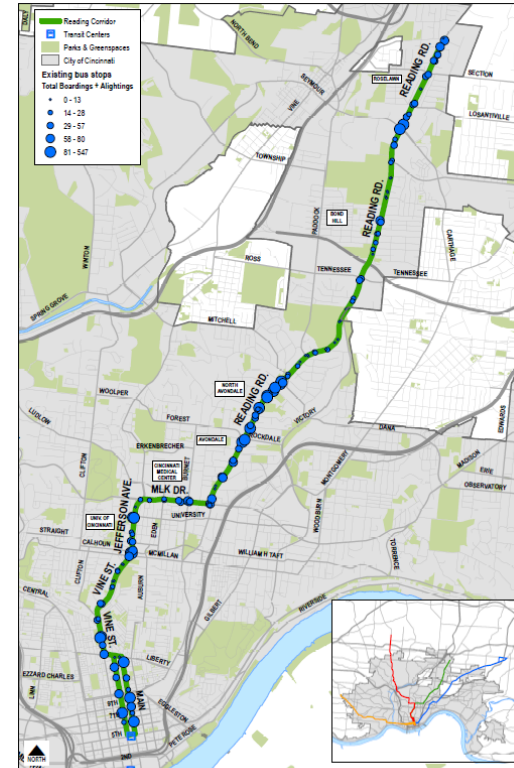
STATION LOCATION UPDATES

STATION AREA DETERMINING FACTORS



SORTA BRT ALTERNATIVES ANALYSIS: Hamilton Alignment

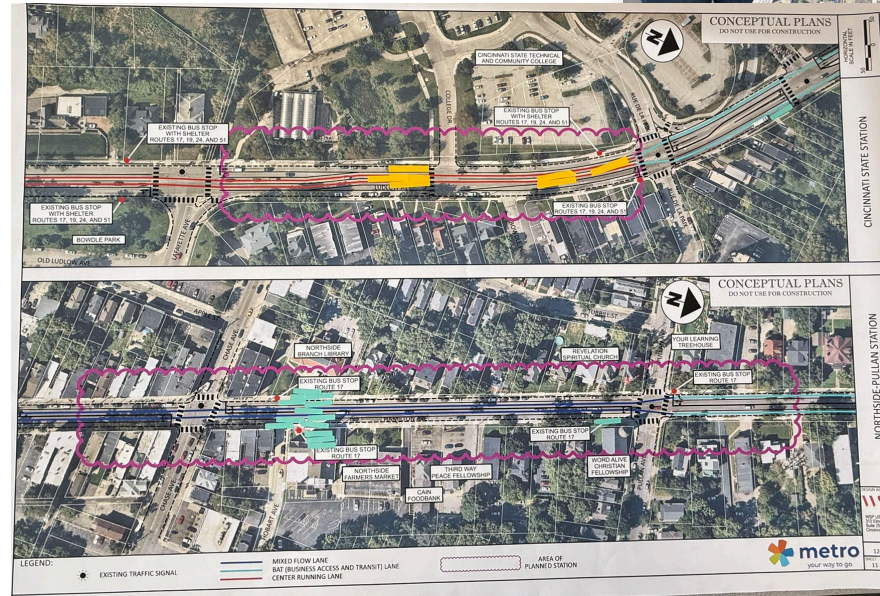
- Population and employment density
- Presence of transit dependent populations
- Origins and destinations
- Local route transfers
- Existing boarding/exiting
- Public & stakeholder input



SORTA BRT ALTERNATIVES ANALYSIS: Reading Alignment

STATION LOCATION FEEDBACK

- Broad community meetings in December and January
- Targeted meetings with key stakeholders in February, March, and April



STATION LOCATION REFINEMENTS

Move to Chase Ave

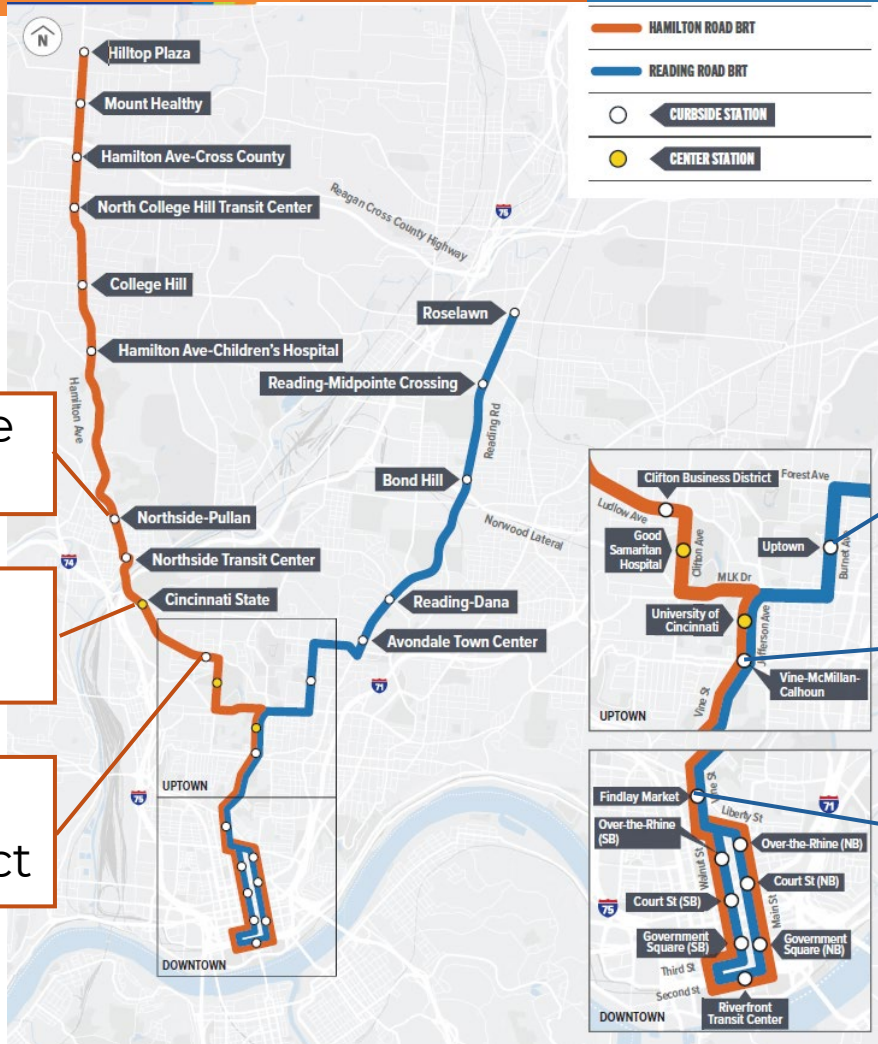
Slide towards Lafayette

Shift out of business district

Move towards Children's or Goodman Ave

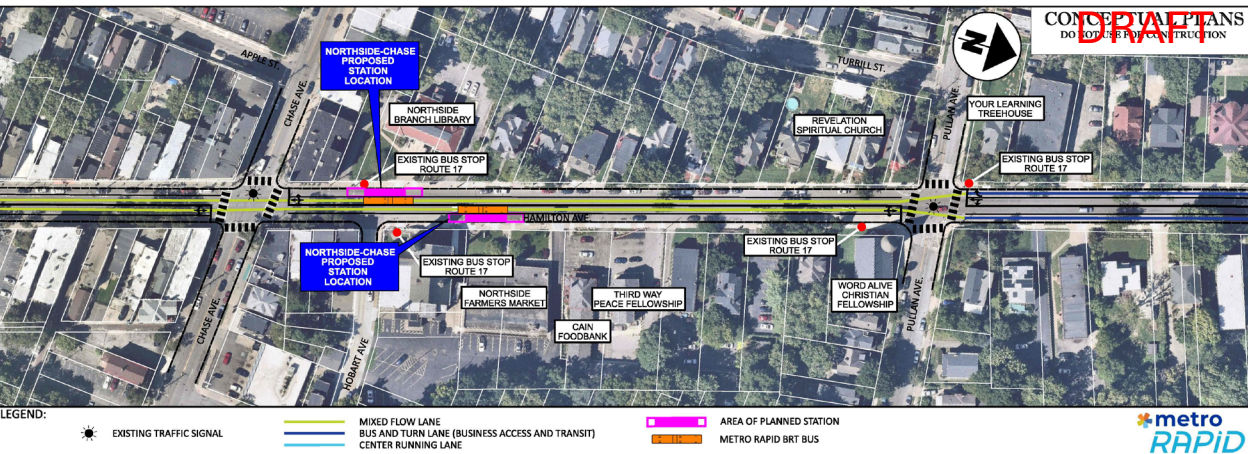
Shift to center running

Shift northbound



VISIT THE MAPS

- Check out the maps around the room to see where your station will be located.
- Provide your feedback on the comment cards.



metroRAPiD
Comment Card

We want to hear from you!

For additional information, let us know how to contact you!

Name: _____

Email address or phone number: _____

DESIGN AGENCY
HDR

metroRAPiD

DATE
04-30-25
SHEET
14 TOTAL
17

metroRAPiD

NAME YOUR STATION!



- 20 Stakeholder and Community Meetings
- 85 Comments Online
- 1,000 People Participated

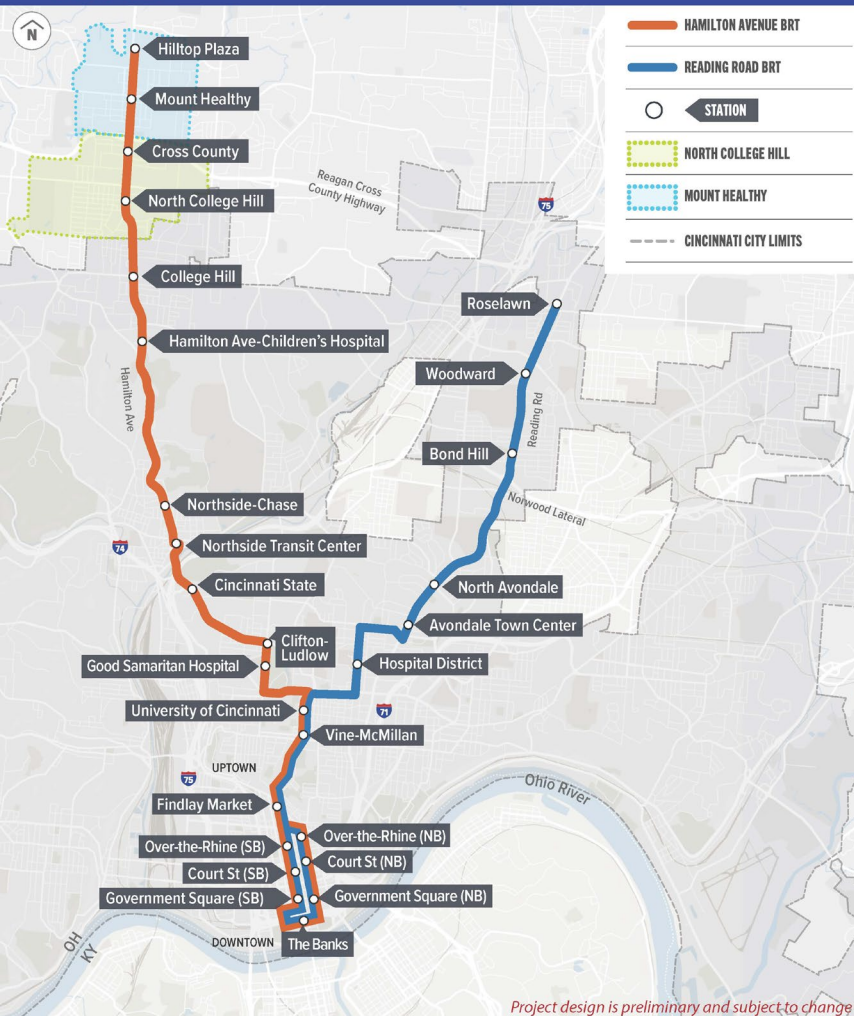
KEEP STATION NAMES

- Government Square
- Court Street
- Over-the-Rhine
- Findlay Market
- University of Cincinnati
- Avondale Town Center
- Bond Hill
- Roselawn
- Good Samaritan Hospital
- Cincinnati State
- College Hill
- Mount Healthy
- Hilltop Plaza



CHANGE STATION NAMES

Riverfront Transfer Center	→	The Banks
Vine-McMillan-Calhoun	→	Vine-McMillan
Uptown	→	Hospital District
Reading-Dana	→	North Avondale
Reading-Midpointe-Crossing	→	Woodward
Clifton Business District	→	Clifton-Ludlow
Northside-Pullen	→	Northside Chase
North College Hill Transit Center	→	North College Hill
Hamilton Ave-Cross County	→	Cross County



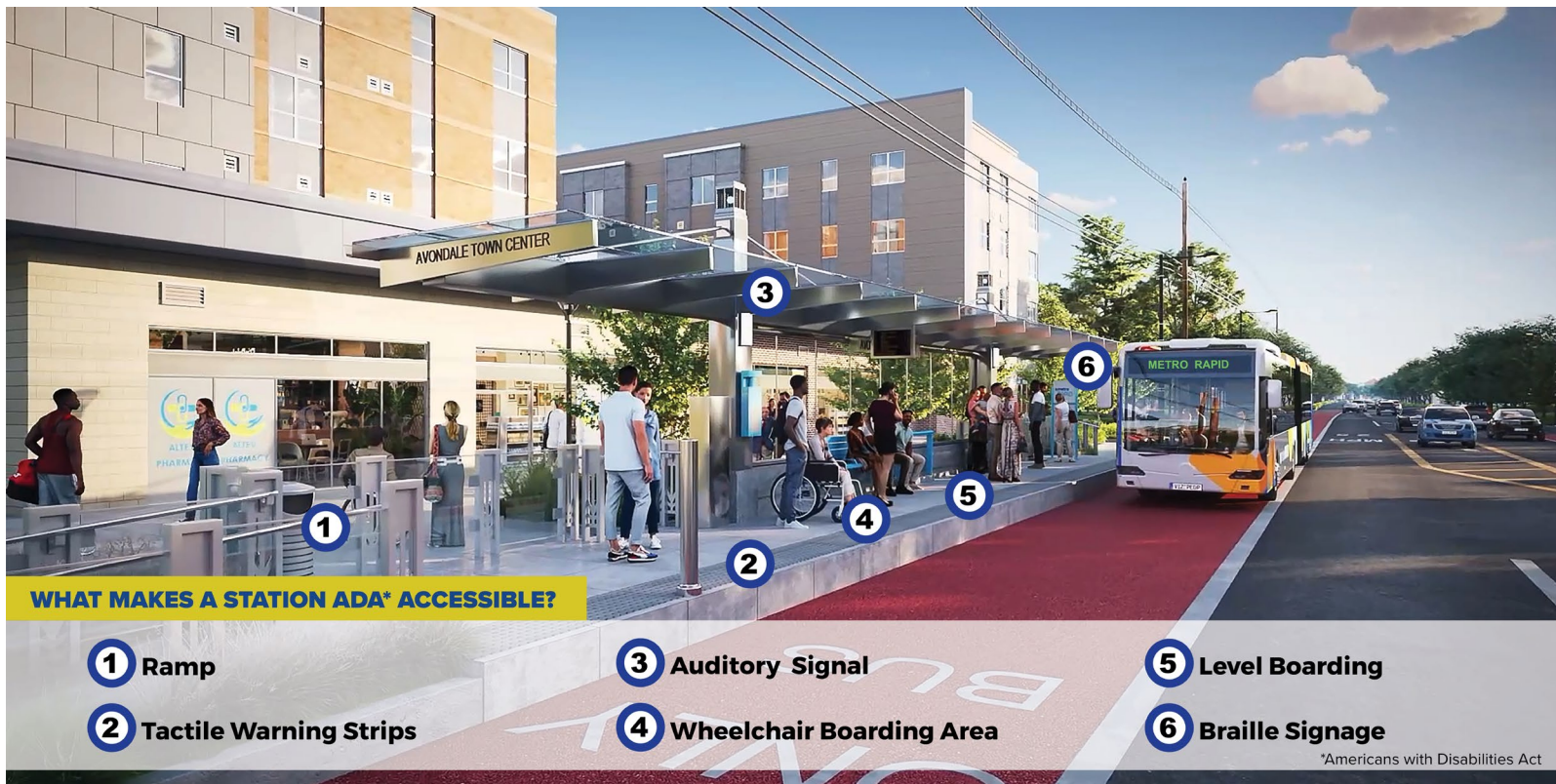
Project design is preliminary and subject to change

CHECK OUT THE REVISED MAP WITH NEW STATION NAMES

STATION TYPES



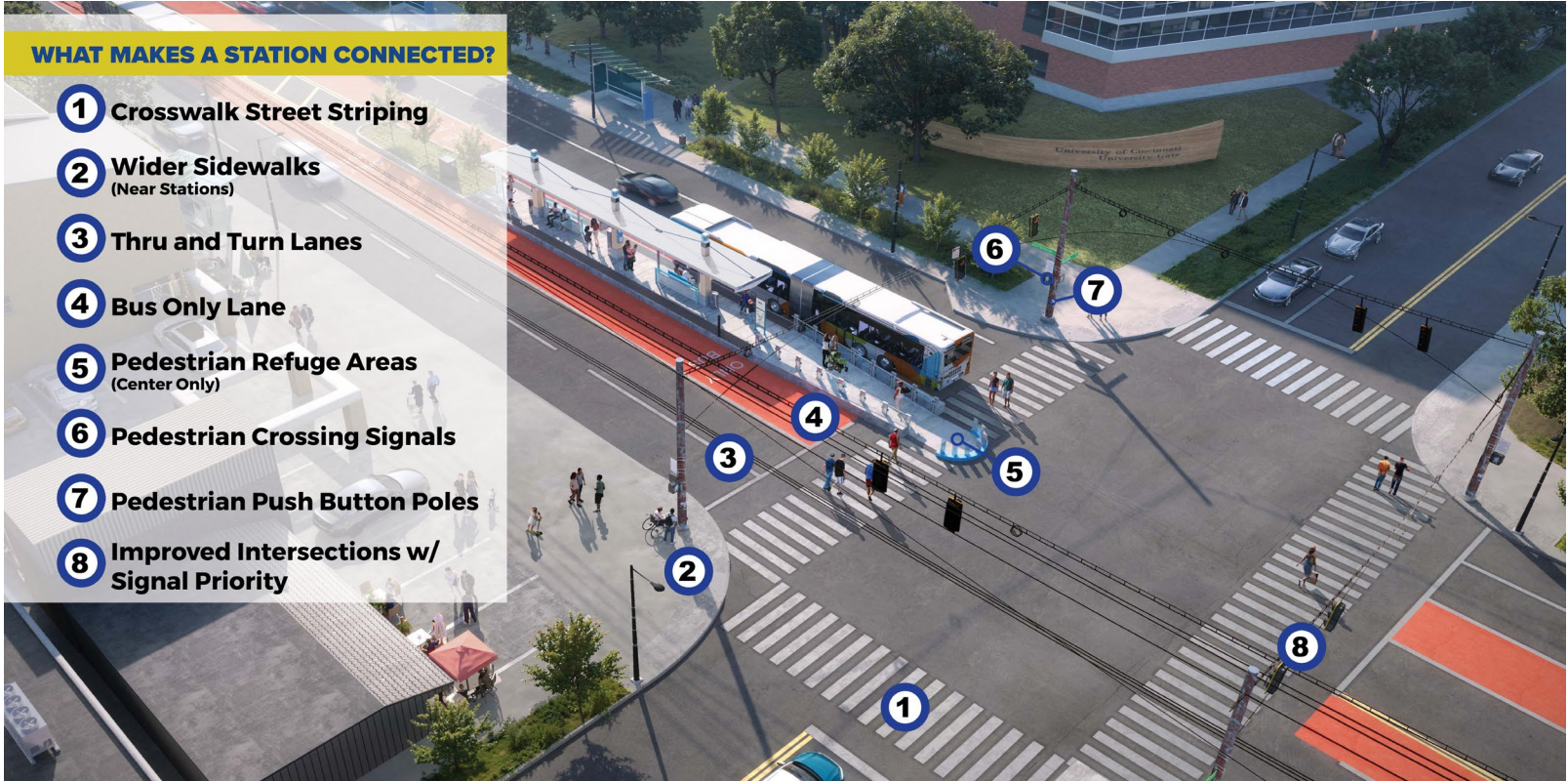
ACCESSIBILITY AT ALL STATIONS



ALL STATIONS CONNECTED

WHAT MAKES A STATION CONNECTED?

- 1 Crosswalk Street Striping
- 2 Wider Sidewalks (Near Stations)
- 3 Thru and Turn Lanes
- 4 Bus Only Lane
- 5 Pedestrian Refuge Areas (Center Only)
- 6 Pedestrian Crossing Signals
- 7 Pedestrian Push Button Poles
- 8 Improved Intersections w/ Signal Priority



CENTER STATIONS

Wider streets allow for pedestrian refuge and a BRT station in the center of the street



CURBSIDE STATIONS

Most stations will
be curbside
stations



NEIGHBORHOOD BUSINESS DISTRICT STATIONS

Smaller canopy
with the same
length platform as
curbside stations

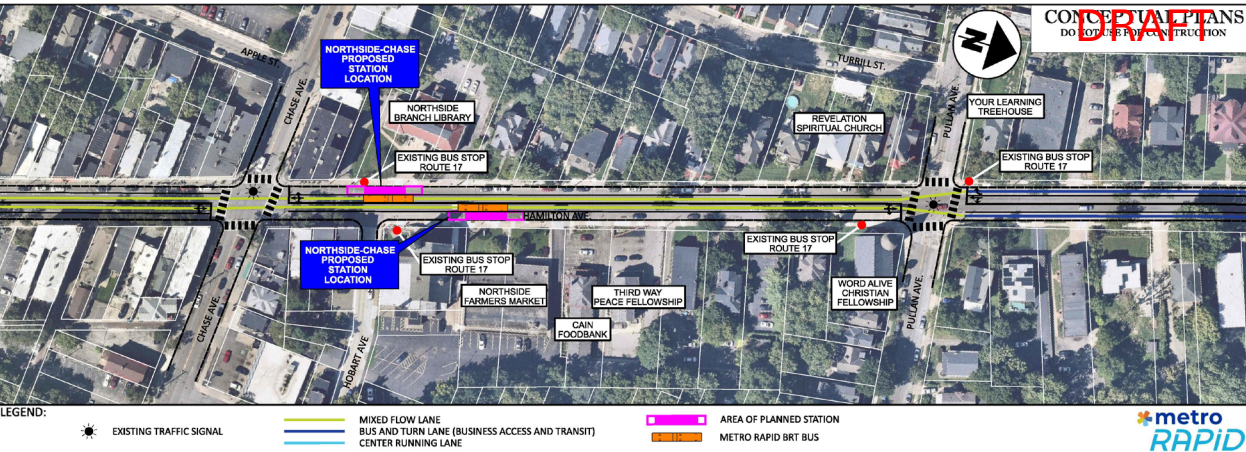




TAKE A TOUR OF THE STATIONS WITH US

COME TALK WITH US

- Check out the maps around the room to see where your station will be located.
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HDR


metroRAPiD

DATE
04-30-25
SHEET
14 TOTAL
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Thank you!

Sharyn LaCombe, AICP, ENV-SP
Senior Director, Bus Rapid Transit
Planning & Design

Office: 513-632-9298

Sharyn.LaCombe@go-metro.com

www.MetroBRTproject.com

info@metrobrtproject.com

