



E. 79th Street Red Line Rapid Station Reconstruction

Operational Planning & Infrastructure
Committee

January 7, 2020

Project History

- Purpose of this project is to rehabilitate the station and bring it into ADA compliance
- East 79th Street Red Line Station will be the last key station to be ADA compliant
- FTA deadline for compliance is July 26, 2020
- Design was produced primarily by GCRTA staff

Project Location



Existing Condition



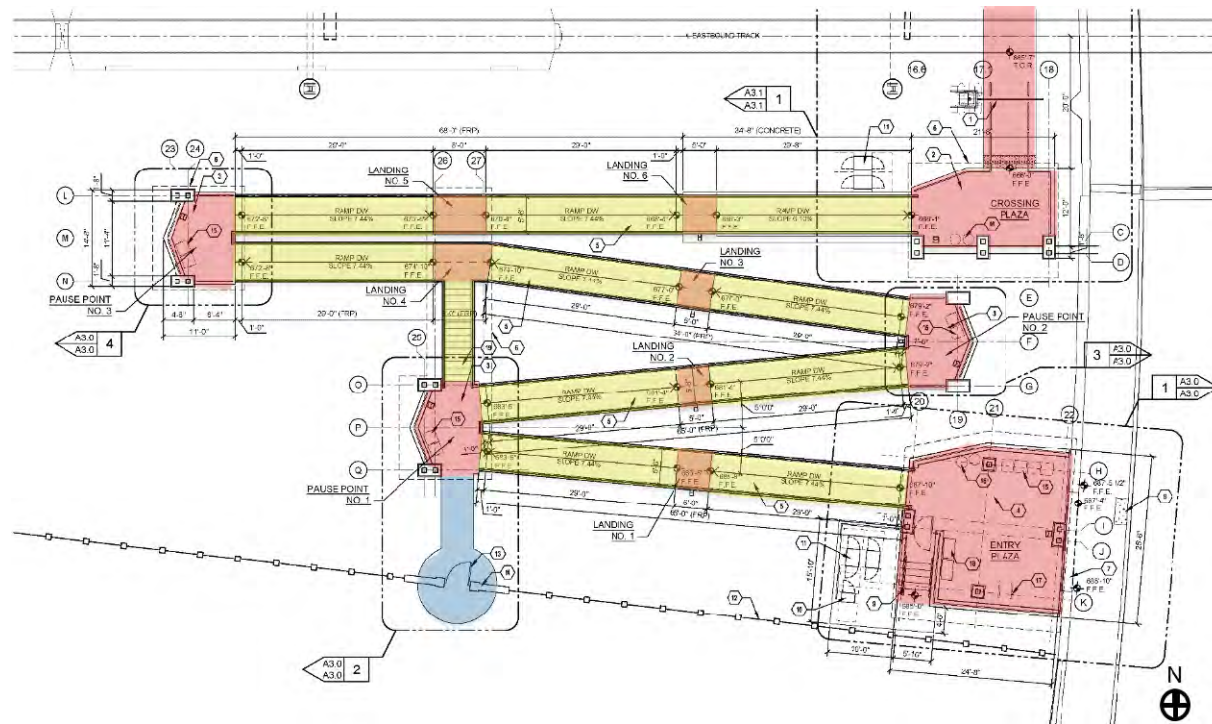
Existing Condition



Project Overview

- Scope of Work
 - Construction of new ADA compliant access to the E. 79th Street Station's platform
 - Replacement of existing platforms with new Fiberglass Reinforced Plastic (FRP) platforms
 - Upgraded security and lighting
 - Replacement of existing track through platform

Proposed Hillside Walkway Plan



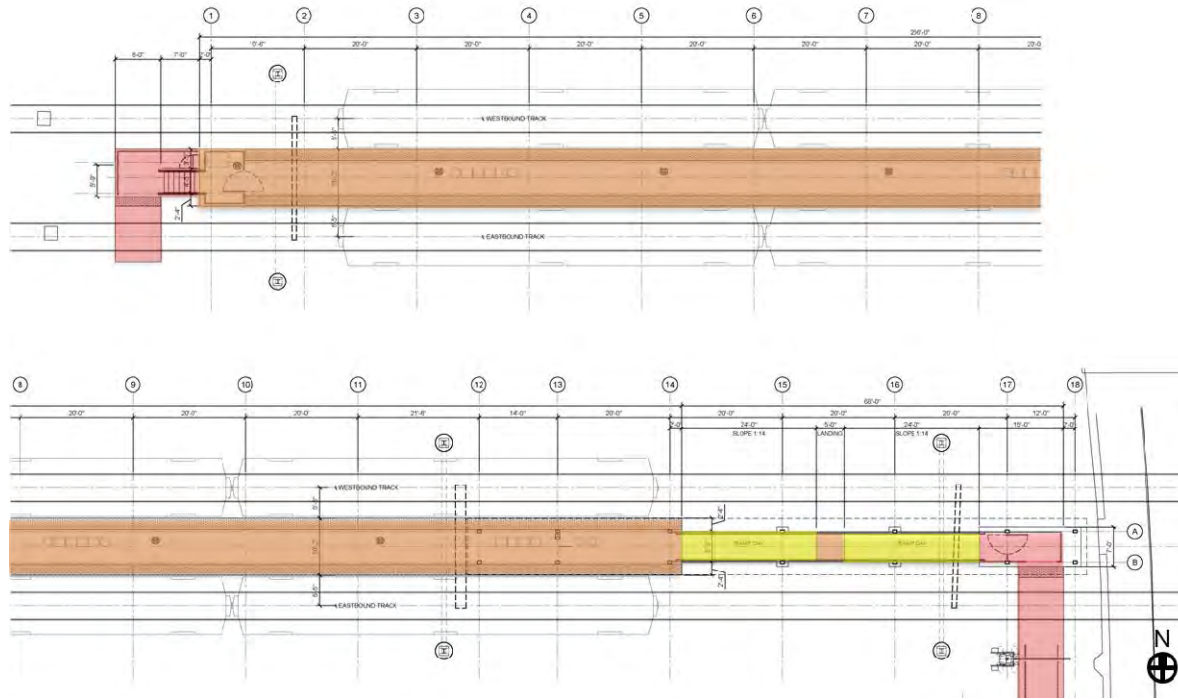
E. 34th St. Station - Crossing Gate



E. 116th Street FRP Walkway



Proposed Platform Plan



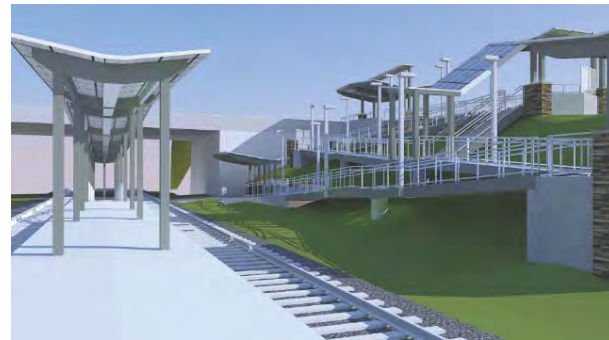
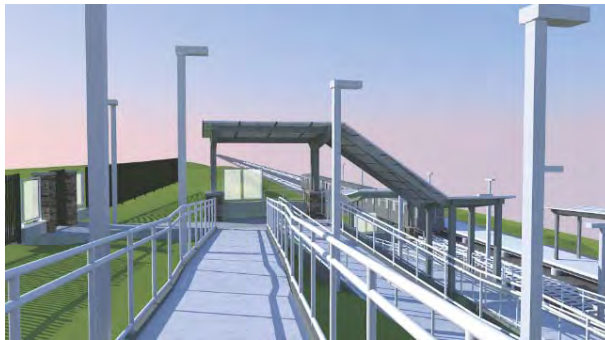
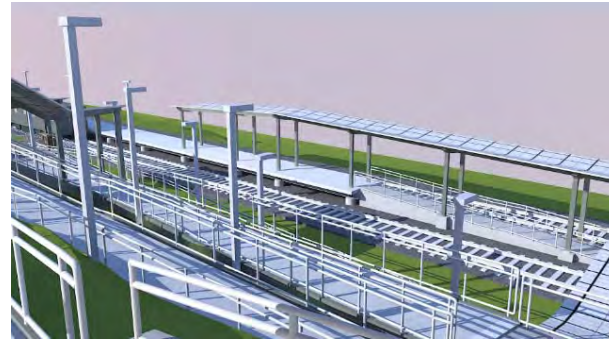
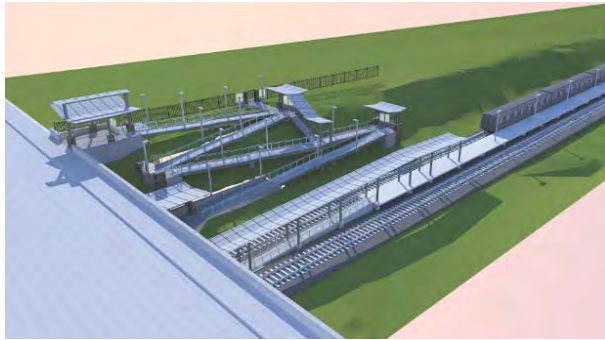
Final Design - Aerial View



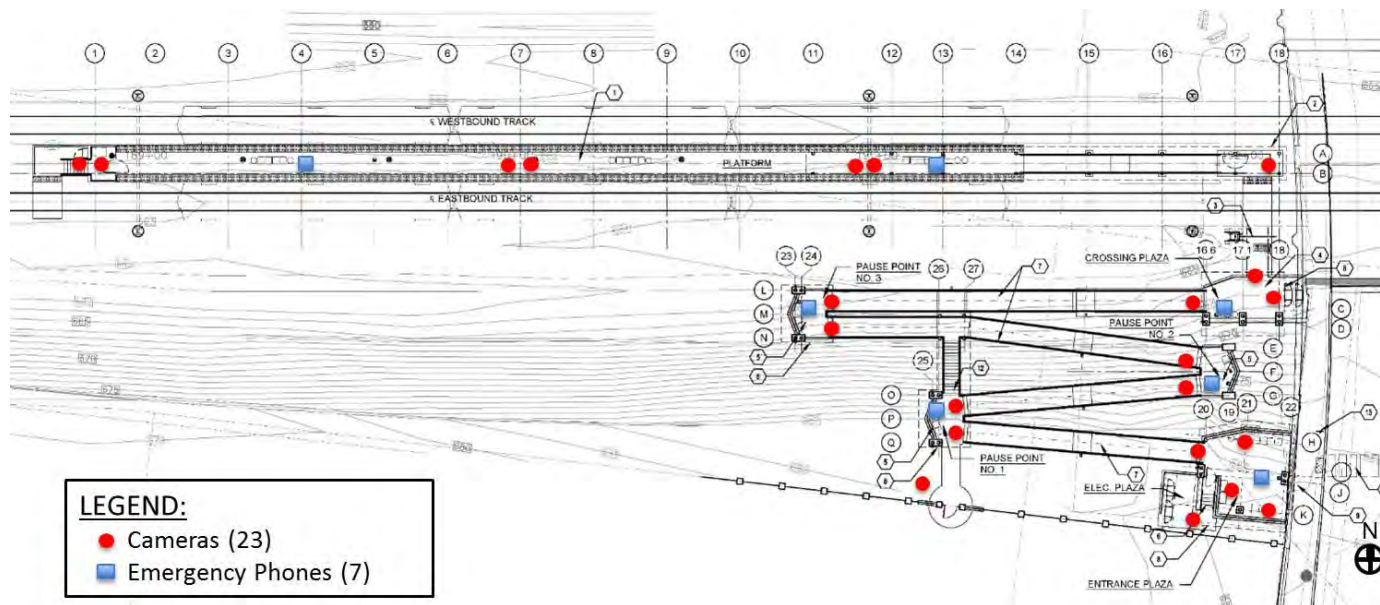
Final Design - Entry View



Final Design



Crime Prevention Through Environmental Design (CPTED)



Proposed Materials

- Cast-in-Place Concrete
- Stone Veneer
- Tube Steel Framing
- Kalwall Canopies
- Thermoplastic Railings
- LED Lighting
- Fiber Reinforced Plastic (FRP)

Walkways & Platform



Proposed Color Selections



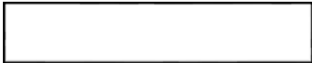
Concrete Walls:
SW7043 Worldly Gray



Cast Stone Cap:
Custom Cast Stone, Ginger (101)



Site Furnishings:
Landscape Forms,
Silver



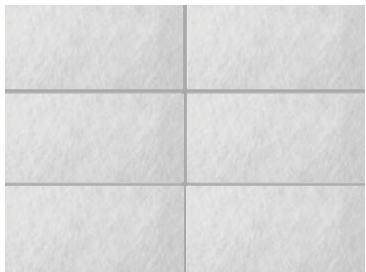
Railings:
Avcon, White



Tube Steel Framing:
SW9163 Tin Lizzie



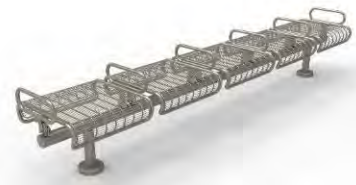
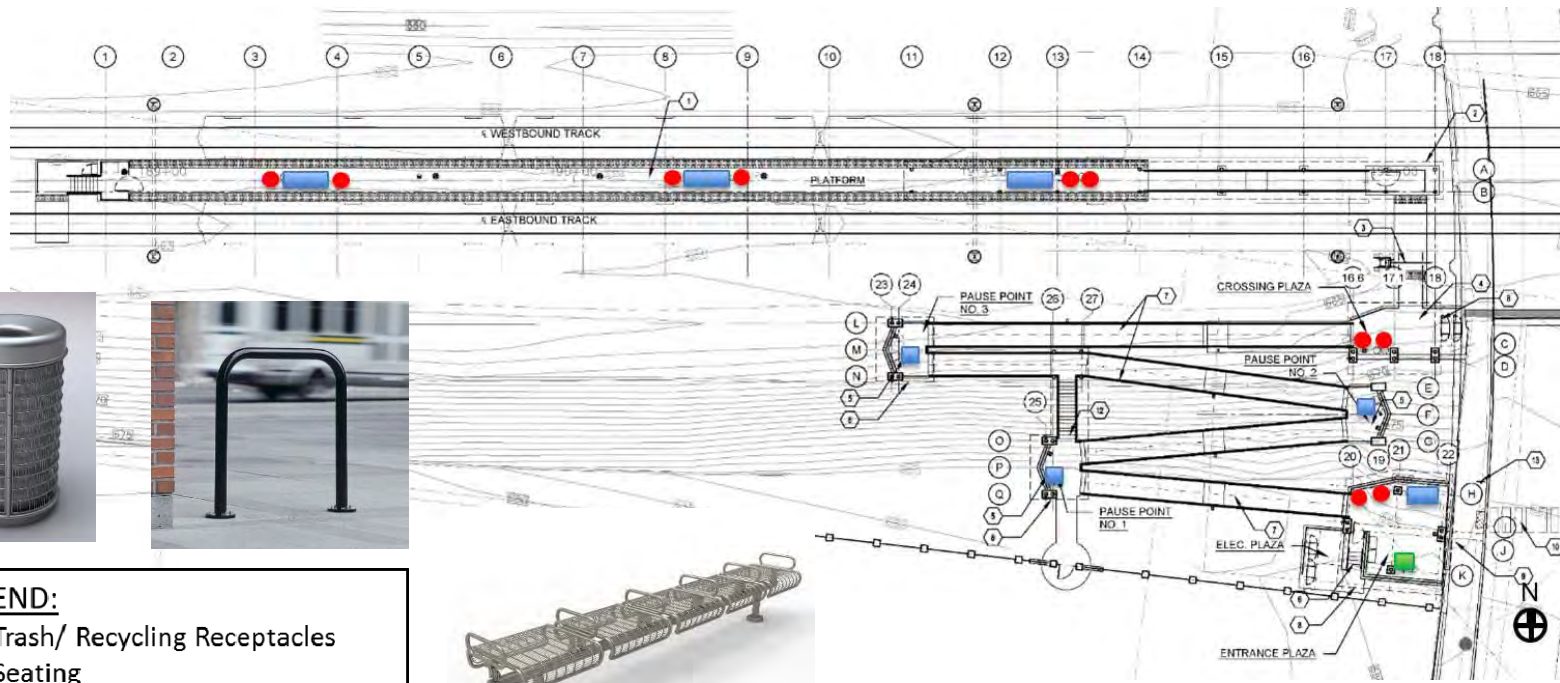
Stone Veneer:
Versetta Stone Plum Creek



Canopy:
Kalwall, Shoji, Crystal & White



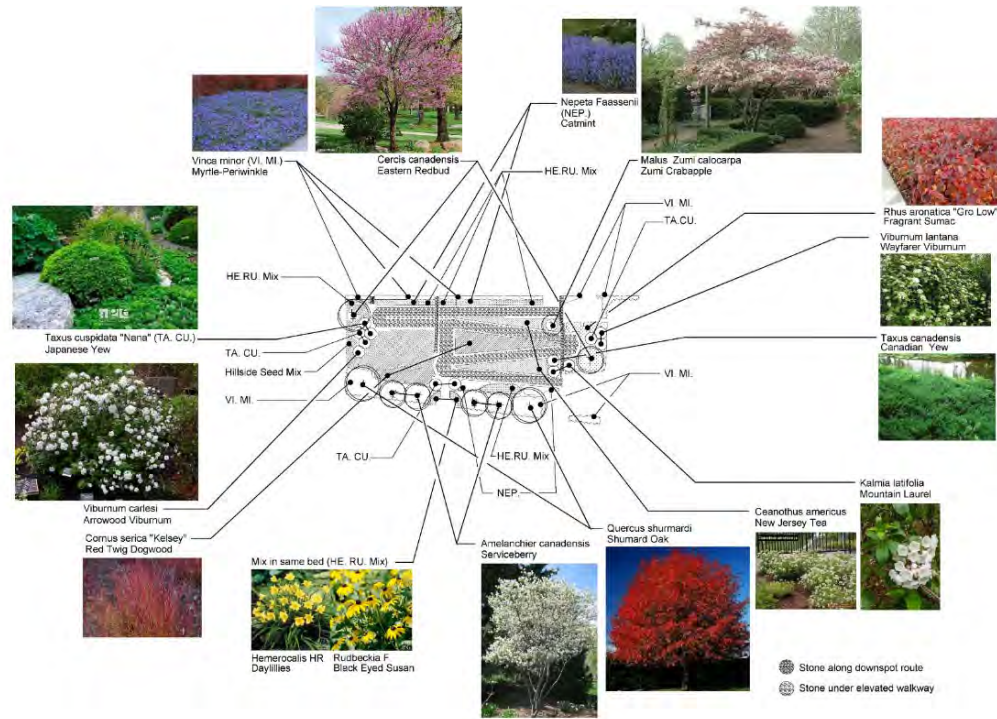
Proposed Site Furnishings



LEGEND:

- Trash/ Recycling Receptacles
- Seating
- Bike Rack

Landscaping



Sustainability

- SITES
 - Program is administered by the Green Building Certification Institute (GBCI)
 - Used at Tri-C –
Campus District Station

CERTIFICATION LEVEL	POINTS
CERTIFIED	70-84
SILVER	85-99
GOLD	100-134
PLATINUM	135+

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

Project Schedule

- Notice to Proceed: March 1, 2020
 - Station closed during construction
- Substantial Completion: February 24, 2021
- Final Completion: April 25, 2021

Procurement Overview

- Invitation For Bid (IFB) issued November 18, 2019
- Accessed on the GCRTA web site by twenty-nine (29) interested parties
- Four (4) firms submitted a bid

Procurement Overview

- Recommended Vendor:
 - Panzica Construction Company's bid of \$6,399,000.00 was determined to be the lowest responsive bid. This bid is 20.59% below the Independent Cost Estimate of \$8,085,545.42.
 - A 14% DBE goal was assigned to this project.

Procurement Overview

- Firm Experience:
 - Panzica Construction Company has successfully completed Tri-C – Campus District Station, E. 116th – St. Luke's Station, Intessa TOD adjacent to the Little Italy Station
 - Located in Mayfield Village, Ohio

Procurement Overview

- Recommendation:
 - Staff requests that the Operational Planning & Infrastructure Committee recommend award to Panzica Construction Company for the E. 79th Street Red Line Station Reconstruction. The base contract is not to exceed \$6,399,000.00.

Questions/Comments

