

# E. 79<sup>th</sup> Street Red Line Station

Operational Planning & Infrastructure  
Committee

September 11, 2018

Greater Cleveland Regional Transit Authority



# Project History

- July 17, 2013 GCRTA provided FTA Office of Civil Rights our commitment and schedule to complete ADA compliance for 8 remaining stations
- February 17, 2015 Board Resolution 2015-19 was adopted funding the design of the East 79<sup>th</sup> Station and directing RTA to work with the City of Cleveland to promote TOD and identify construction funding



# Project History

- Summer 2017 City of Cleveland completes the East 79<sup>th</sup> Street Corridor Study
- Fall 2017 ODOT completes the reconstruction of the East 79<sup>th</sup> Street Bridge over the Red Line
- Spring 2018 ODOT awards design-build contract for Opportunity Corridor Section 3
- August 30, 2018 GCRTA informs FTA Office of Civil Rights our schedule for East 79<sup>th</sup> Station



# Project History

- FTA deadline for compliance is July 26, 2020
- East 79<sup>th</sup> Street Red Line Station will be the last of the 8 stations to be ADA compliant
- 4 have been completed and 3 are currently under construction
- Design is being produced by GCRTA staff
- Construction phase remains unfunded





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# Existing Station – Bridge Level



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# Existing Condition – Platform & Stair



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# Existing Condition - Hillside



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# Existing Condition - Platform



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# Proposed Pedestrian Track Crossing

- Crossing will be protected utilizing crossing gate
  - Installation will be similar to E. 34<sup>th</sup> Street Station
  - Has been operating safely for 4 months at E. 34th
  - Operated safely at Brookpark Station for 15 years

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# E. 34<sup>th</sup> St. Station - Crossing Gate



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# Proposed Materials



- Cast-in-Place Concrete
- Tube Steel Framing
- Kalwall Canopies



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# Proposed Materials



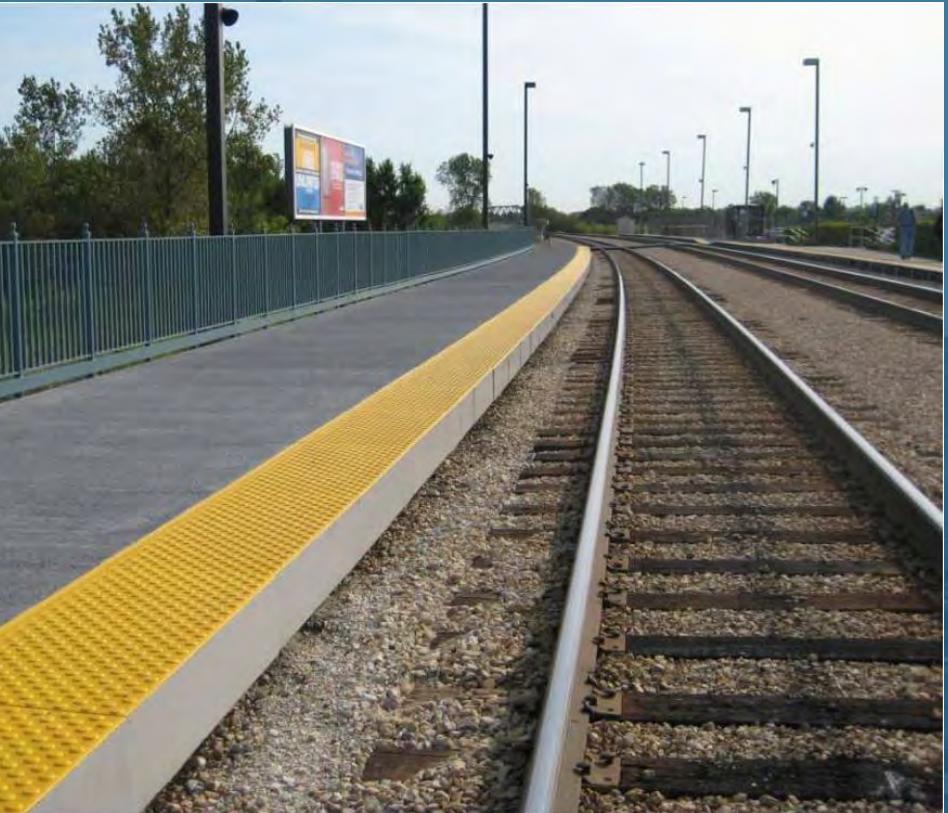
- Thermoplastic Railings
- LED Lighting



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# Proposed Materials

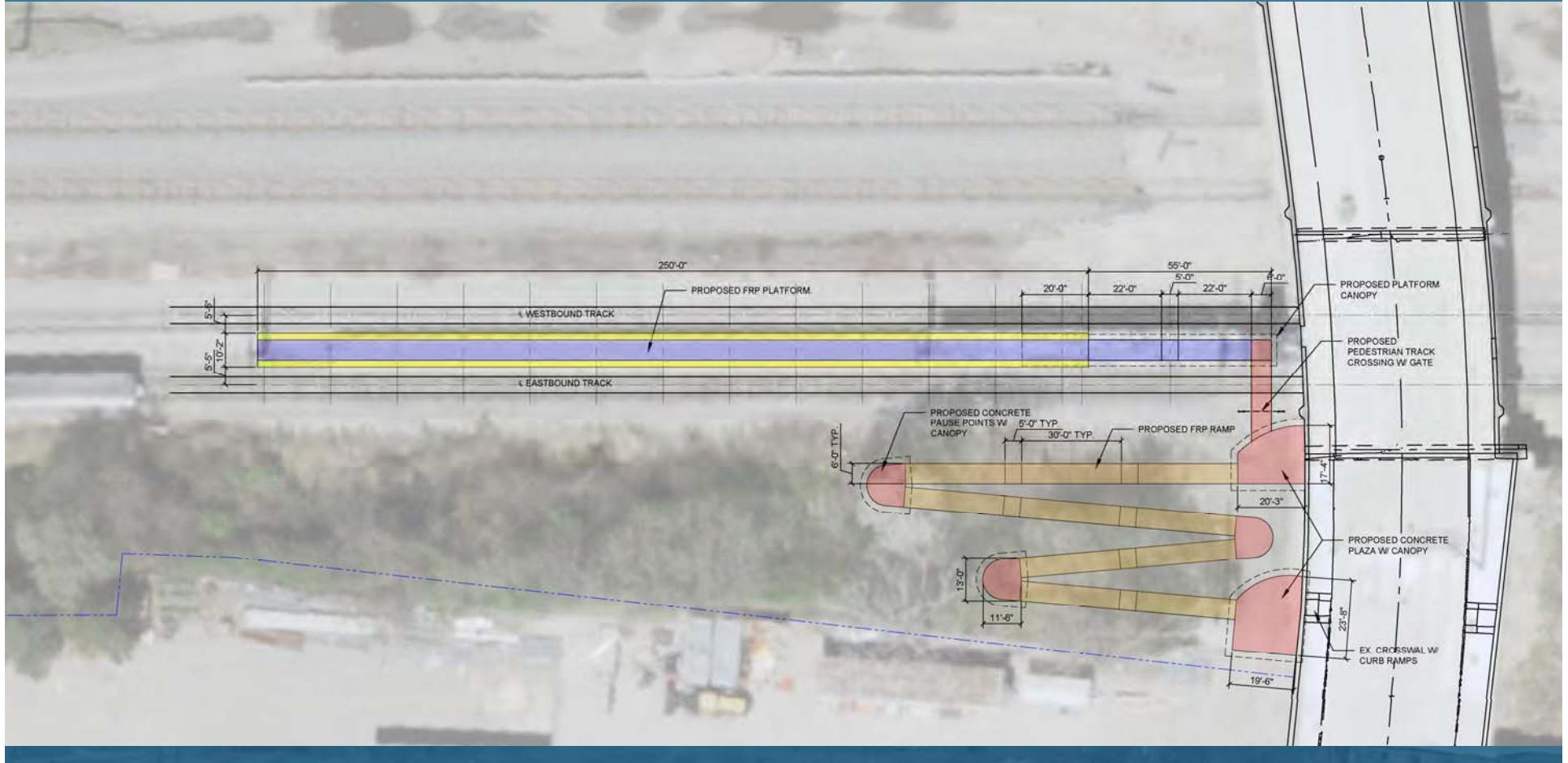


- Fiber Reinforced Plastic (FRP) Walkways & Platform

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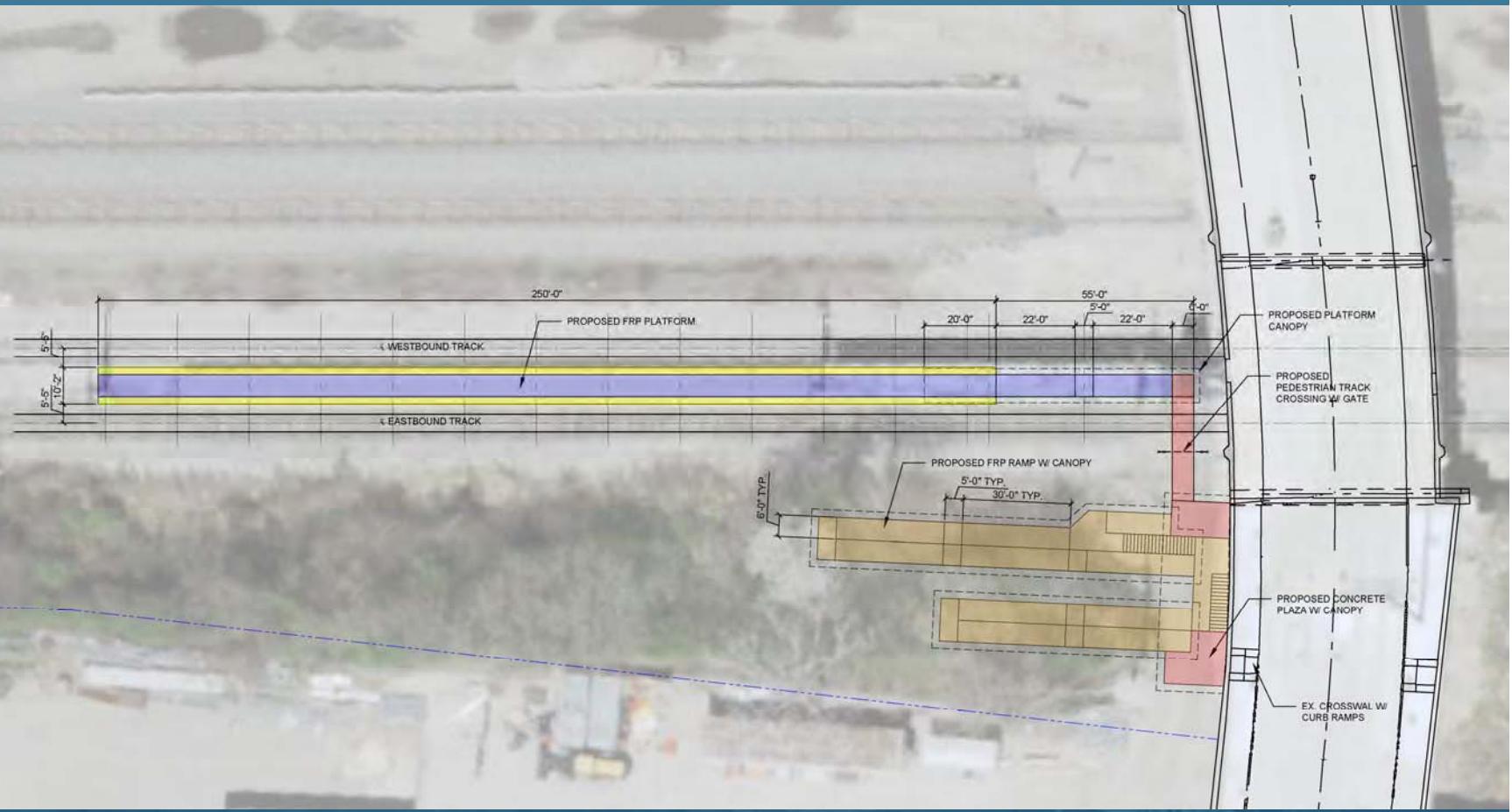
# Design Concept 1 – Hillside Ramp



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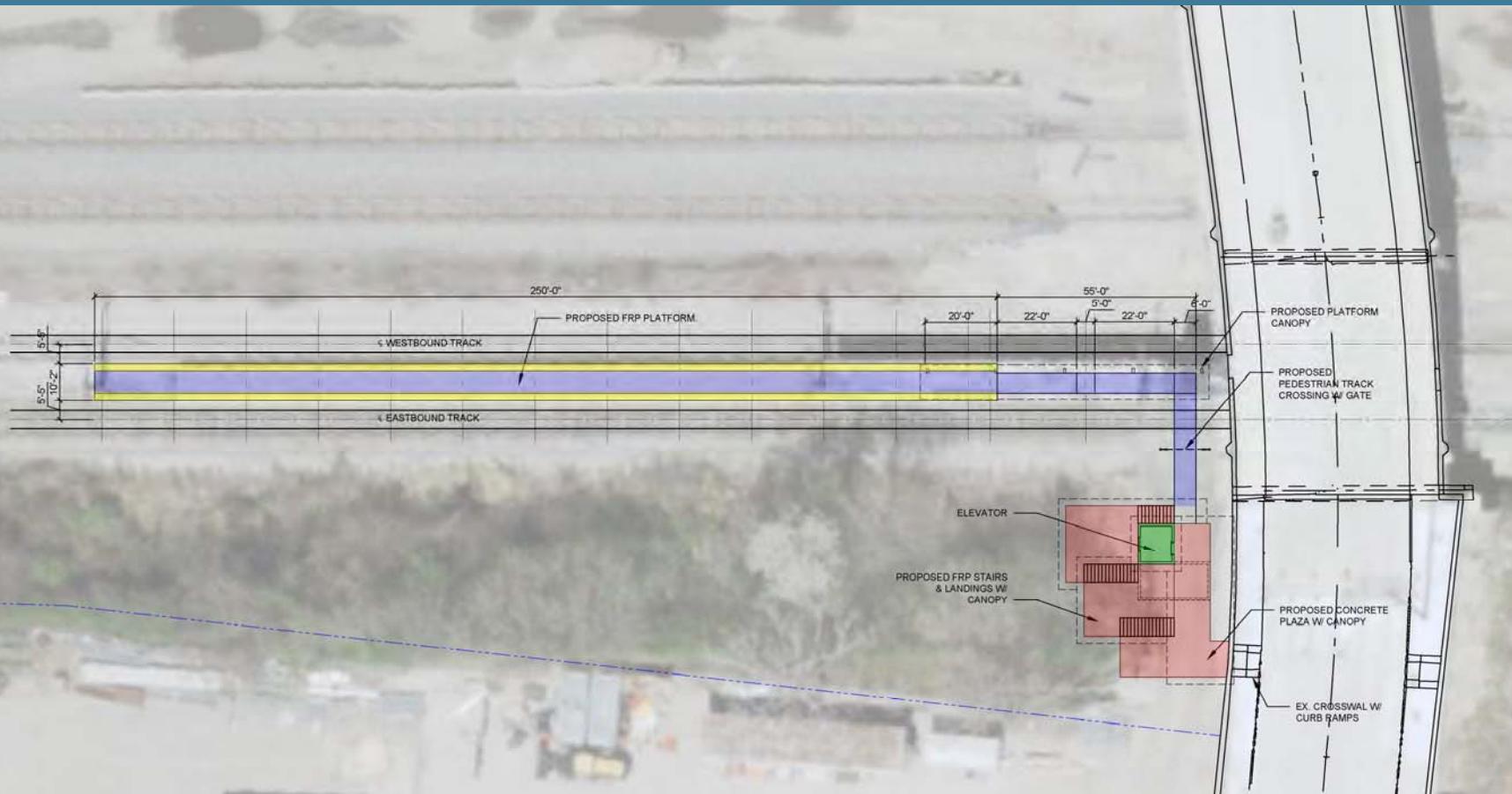
# Design Concept 2 – Ramp with Stairs



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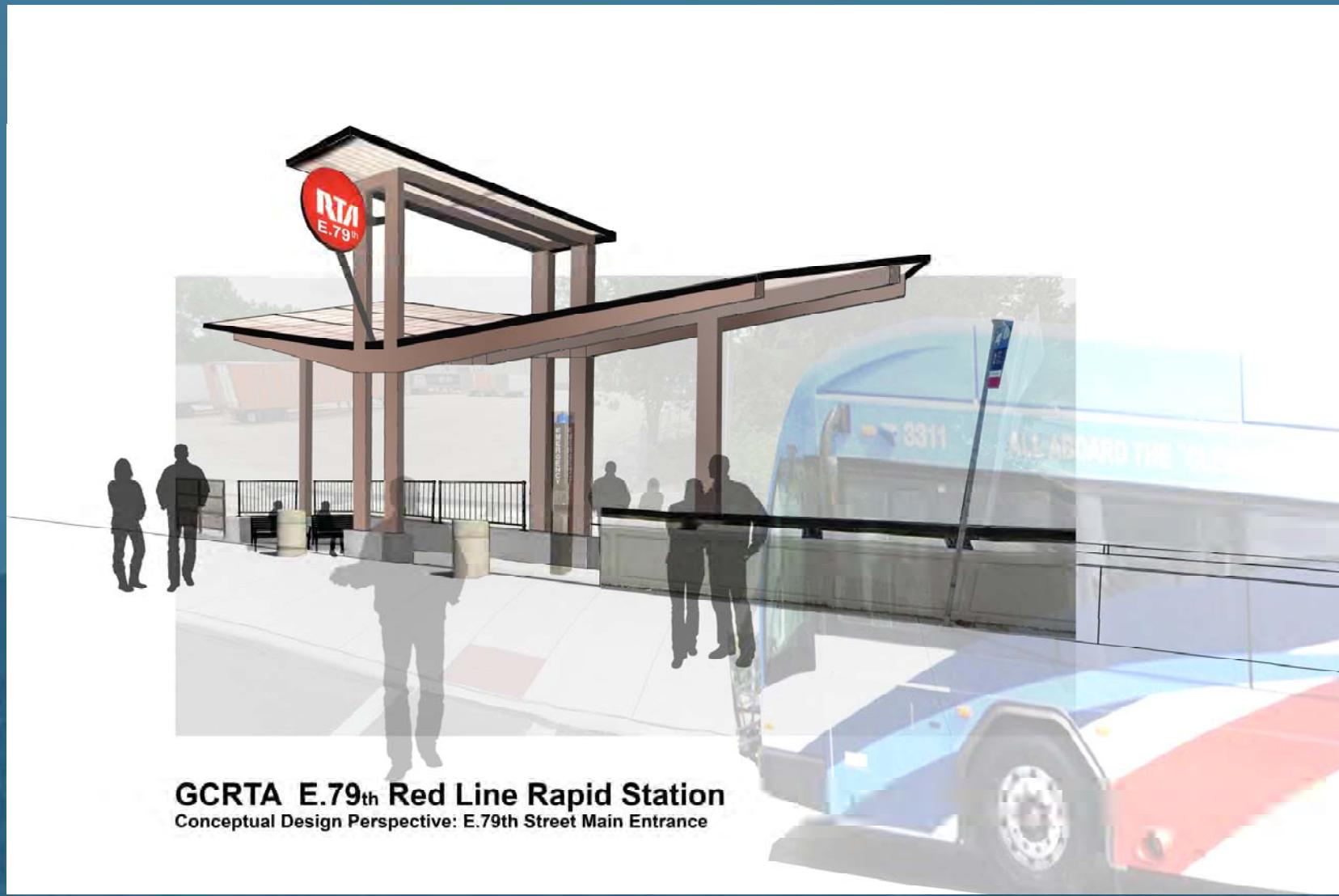


# Design Concept 3 – Elevator



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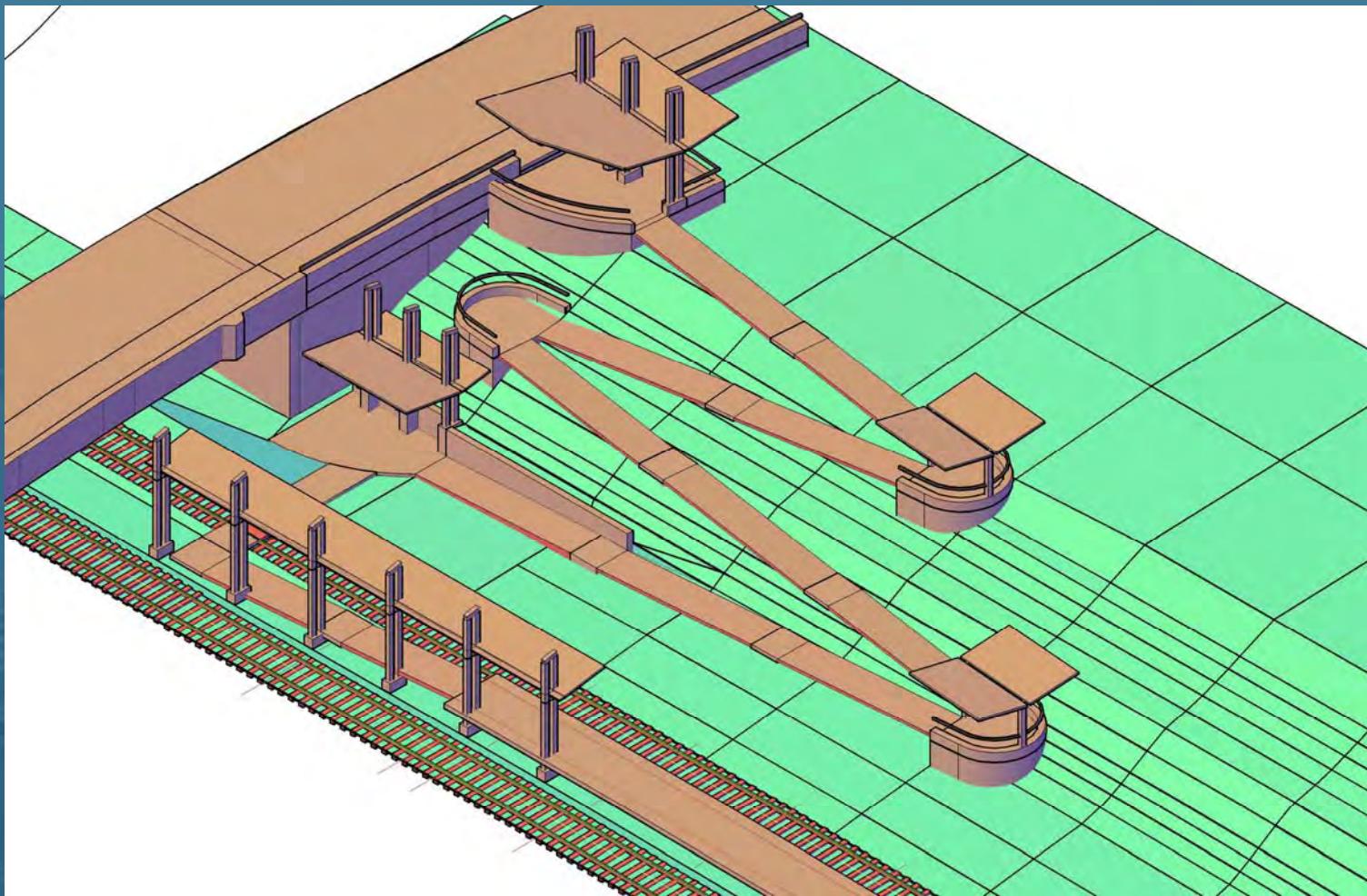


**GCRTA E.79th Red Line Rapid Station**  
Conceptual Design Perspective: E.79th Street Main Entrance

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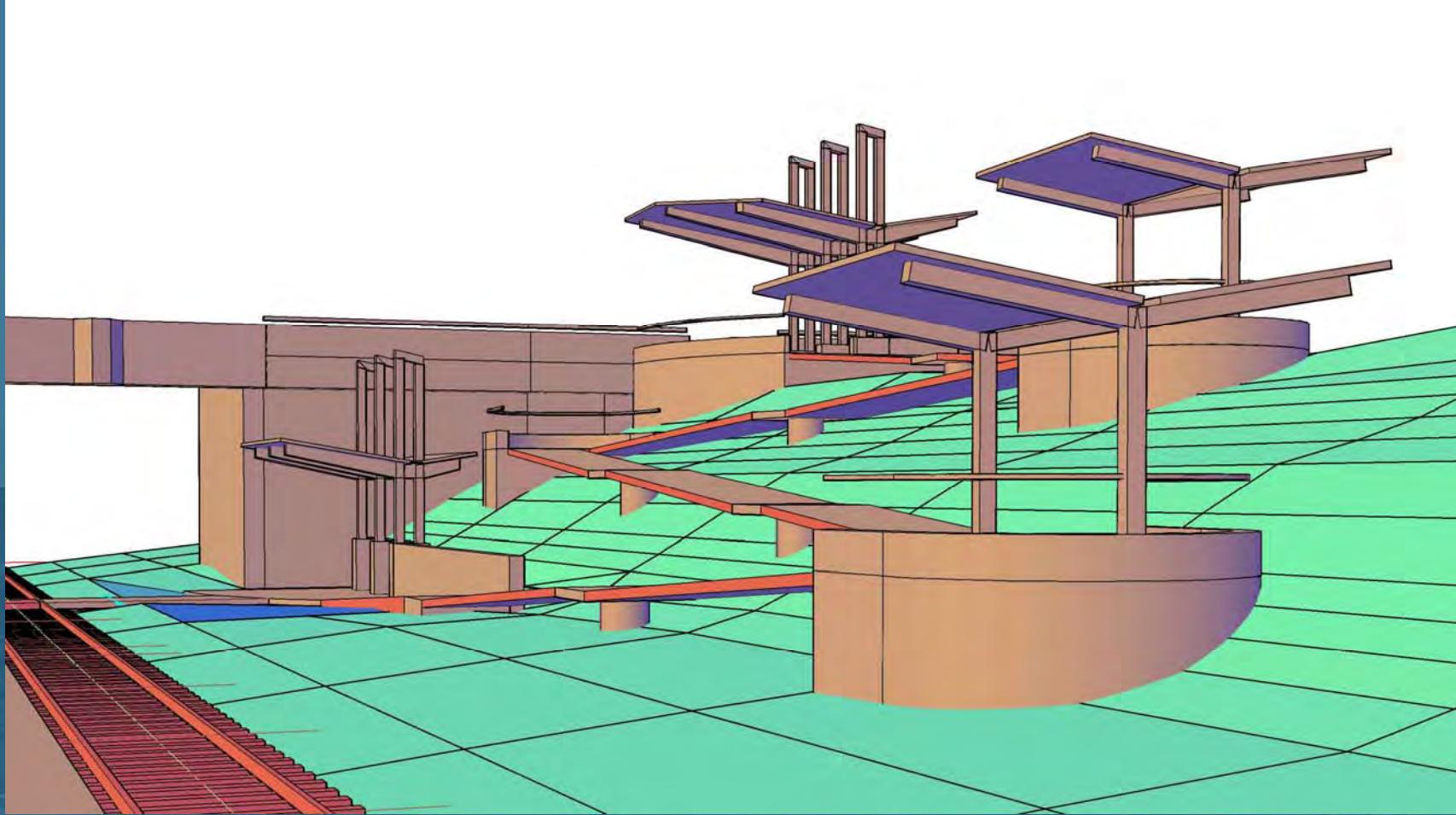
# Design Concept 1 - Hillside



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# Design Concept 1 - Hillside



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# Project Schedule

- Conceptual Design Complete: Oct. 2018
- Schematic Design (30% Complete): Dec. 2018
- Interim Design (60% Complete): March 2019
- Environmental Clearance: September 2019
- Construction Bid Documents: Nov. 2019
- Construction Notice to Proceed: March 2020
- Construction Complete: August 2021
  - Station closed during construction

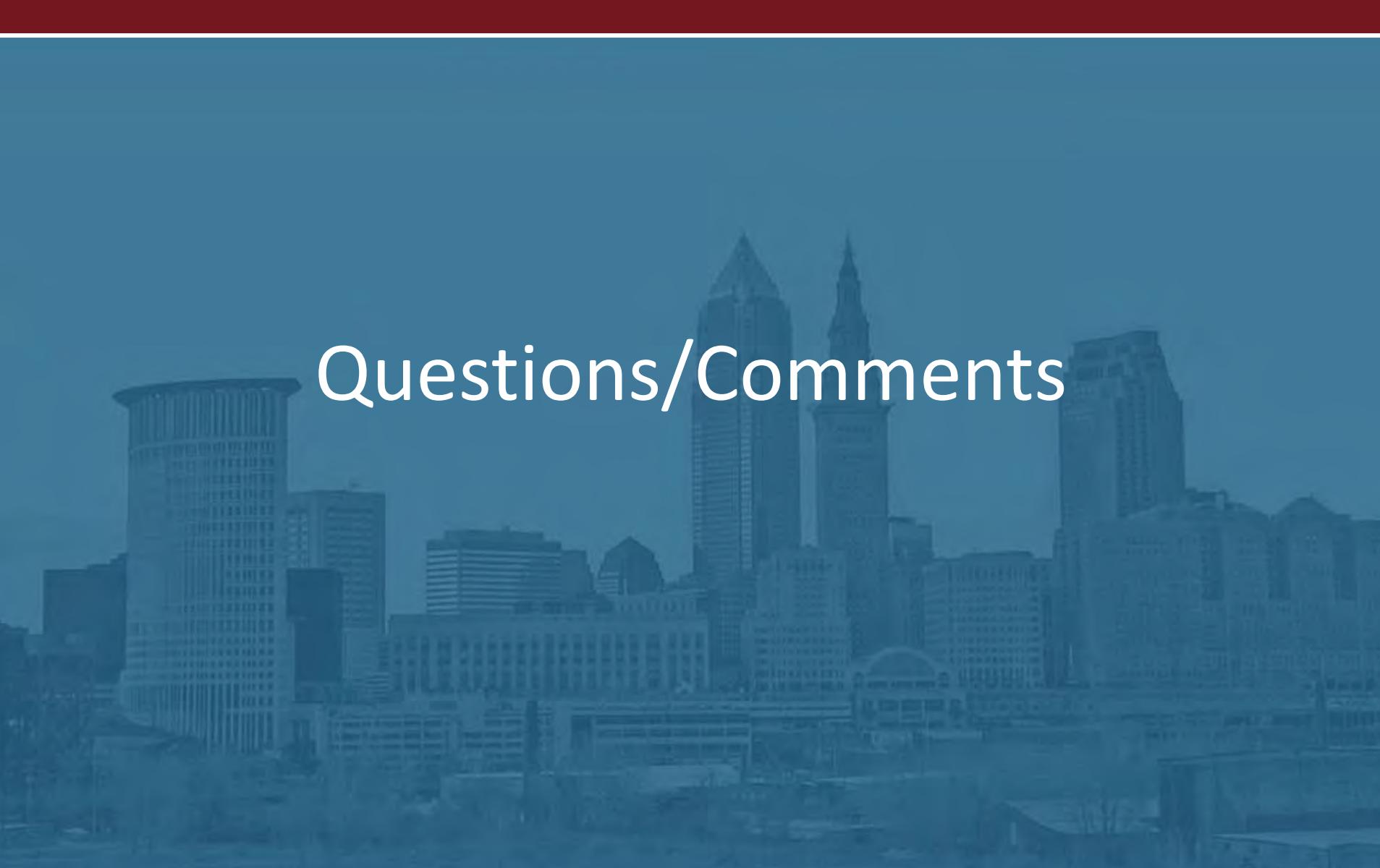
# Construction Phase Estimate

- Project Construction Phase: \$10.0 Million
  - Construction: \$8.0 Million
  - Force Account: \$0.5 Million
  - 3<sup>rd</sup> Party Services: \$0.3 Million
  - Contingency: \$1.2 Million

# Construction Funding Options

- Shift 2018 and 2019 Operating funds to Capital
- Delay other Capital Projects
- Third party contributions – Cleveland, CDC's, foundations, etc.
- Competitive Grants
- Combination of all above
- Need to identify funding by end of 2018





# Questions/Comments

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