

# Summary of Proposed Award Engineering Services for Rehab of E. 116<sup>th</sup> St. Bridge over GCRTA

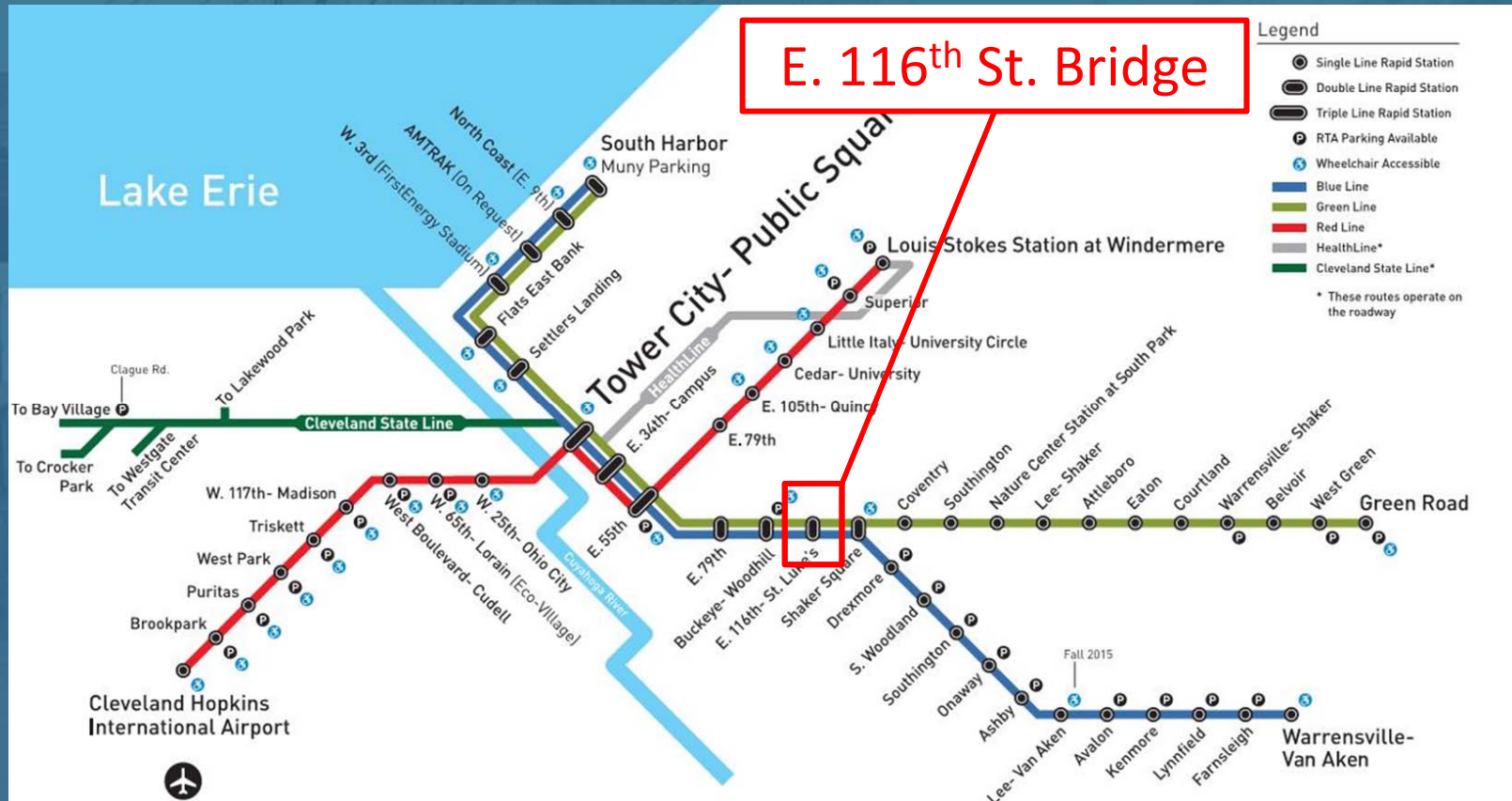
Presented to: Planning &  
Development Committee

March 7, 2017

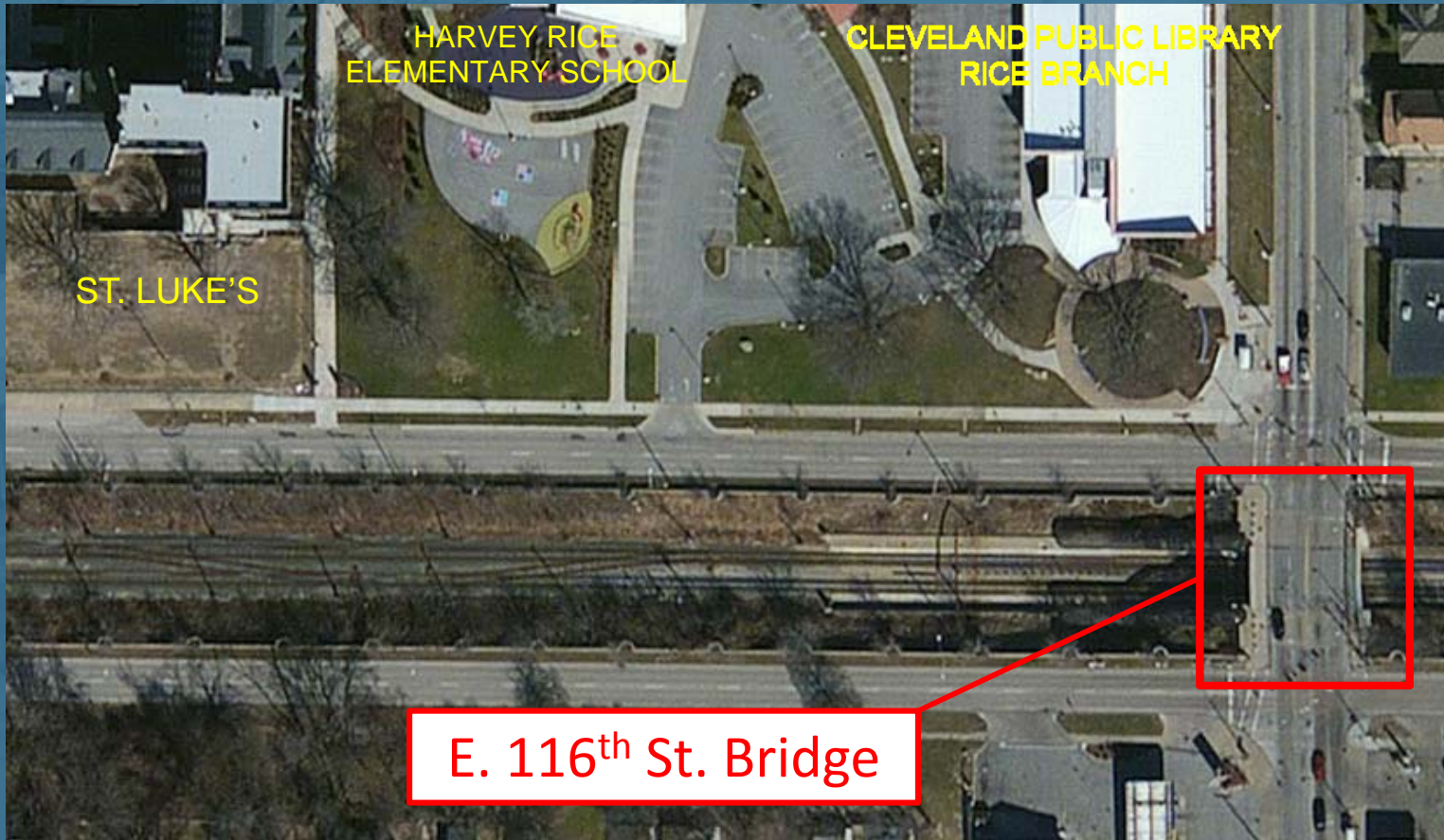
Greater Cleveland Regional Transit Authority



# Location Map



# Location Map



# Engineering Services for Rehab of E. 116<sup>th</sup> St. Bridge over GCRTA

- Located at the E. 116<sup>th</sup> St. Station
- Roadway bridge constructed in 1992
- The bridge has never been repaired or rehabilitated
- 50%± of the deck has failed

# Engineering Services for Rehab of E. 116<sup>th</sup> St. Bridge over GCRTA



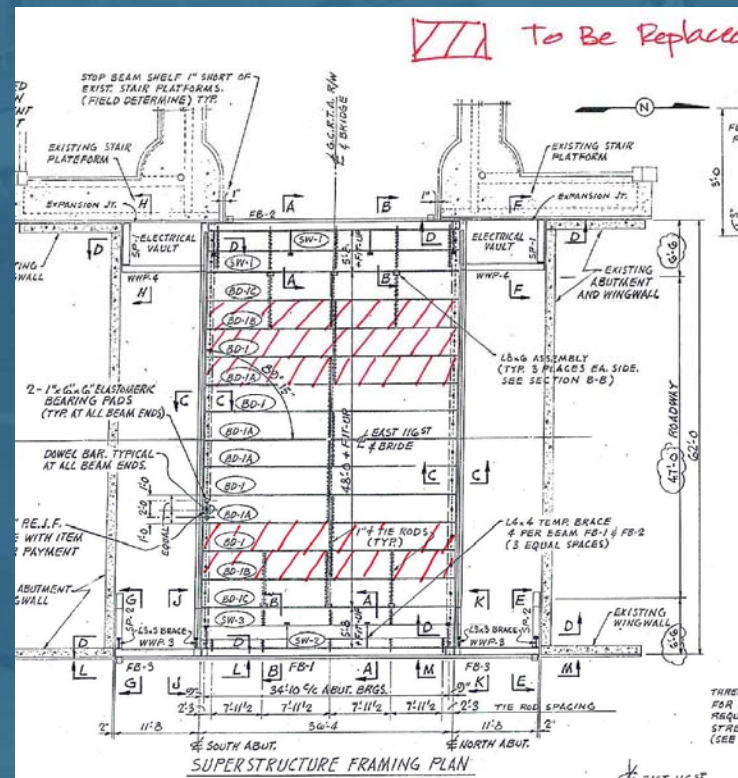
# Engineering Services for Rehab of E. 116<sup>th</sup> St. Bridge over GCRTA



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# Engineering Services for Rehab of E. 116<sup>th</sup> St. Bridge over GCRTA

- While the bridge is safe for traffic, the deck is critical to the structural capacity of the bridge
- The prestressed concrete box beams below the failed deck area need to be replaced

# Engineering Services for Rehab of E. 116<sup>th</sup> St. Bridge over GCRTA

- Scope of Services:
  - Hands-on inspection of bridge
  - Construction plans to replace the necessary box beams, deck, expansion joints and patch the abutment seats
  - RTA was awarded \$744,800 for construction through ODOT's Municipal Bridge Program

# Engineering Services for Rehab of E. 116<sup>th</sup> St. Bridge over GCRTA

- Schedule:
  - In-depth inspection will start with earliest weekend shutdown after NTP
  - Bid package submitted 15 months after NTP
  - ODOT will manage bidding and construction administration with assistance from RTA

# Engineering Services for Rehab of E. 116<sup>th</sup> St. Bridge over GCRTA

- RFP issued December 5, 2016
- Accessed on the GCRTA web site by twenty-seven(27) interested parties, including potential sub-consultants
- Five (5) firms proposed
- Three (3) firms were interviewed

# Engineering Services for Rehab of E. 116<sup>th</sup> St. Bridge over GCRTA

- Evaluation Panel Members:
  - Engineering & Project Development
  - Office of Management & Budget
  - Safety Department
  - Rail
  - Procurement
  - Office of Business Development

# Engineering Services for Rehab of E. 116<sup>th</sup> St. Bridge over GCRTA

- Evaluation Criteria:
  - Project Manager
  - Assigned Staff
  - Past Performance
  - Project Approach
  - DBE Participation

# Engineering Services for Rehab of E. 116<sup>th</sup> St. Bridge over GCRTA

- Recommended Vendor:
  - Michael Baker International, Inc., Cleveland, Ohio
  - 18% DBE Goal will be met by utilizing:
    - 2LMN, Inc.

# Engineering Services for Rehab of E. 116<sup>th</sup> St. Bridge over GCRTA

- Firm Experience:
  - Michael Baker International, Inc., Inc. has successfully completed projects for ODOT, GCRTA, Cuyahoga County, AASHTO, among others
  - Established in 1940 and supported by more than 6,000 employees in 90 offices worldwide
  - Experienced/qualified staff



# Engineering Services for Rehab of E. 116<sup>th</sup> St. Bridge over GCRTA

- Recommendation:
  - Staff requests that the Planning & Development Committee recommend to the Board of Trustees award to Michael Baker International, Inc. for Engineering Services for the Rehabilitation of the E. 116<sup>th</sup> St. Bridge over the Light Rail Trunk Line. The base contract is not to exceed \$219,285.00