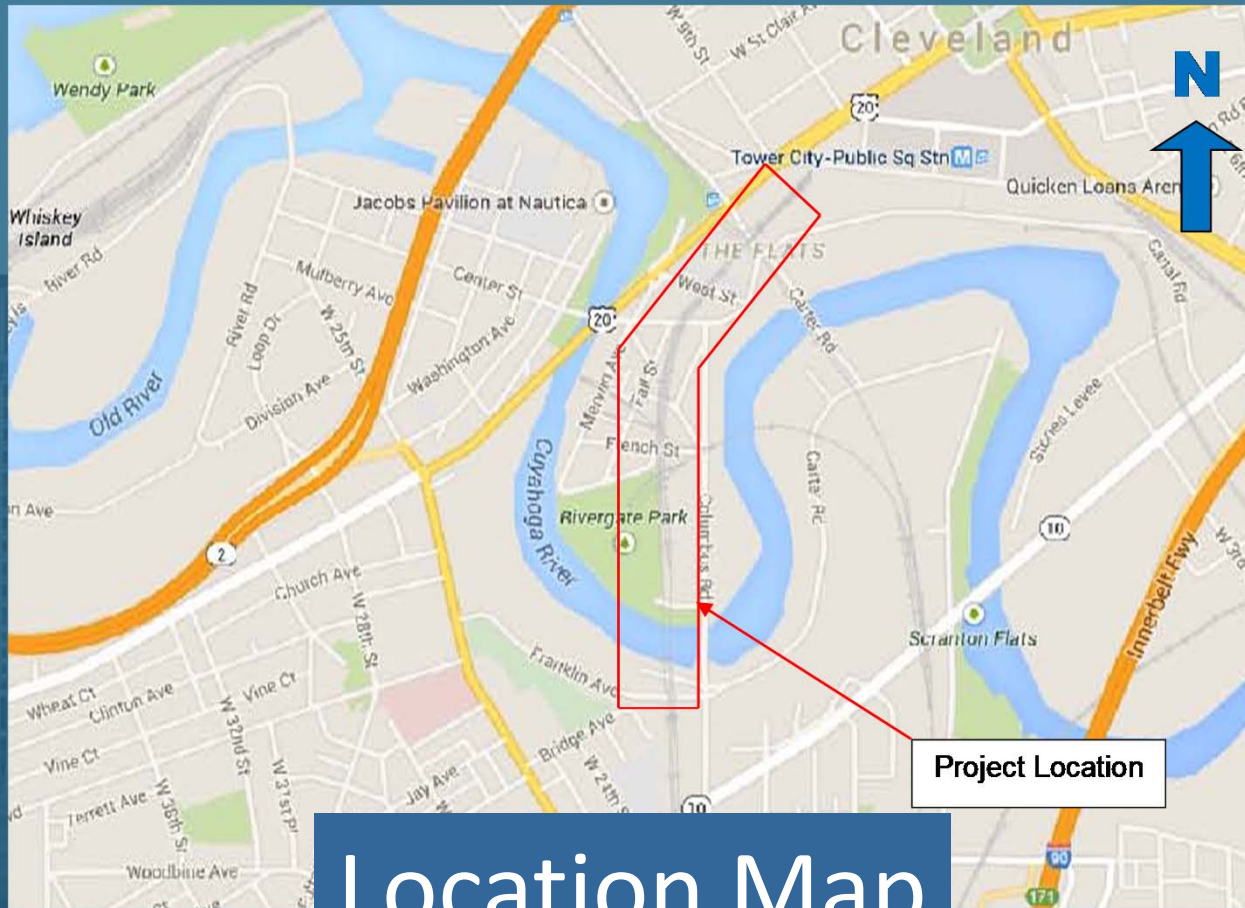


Summary of Proposed Award A/E Services for the Rehabilitation of the Cuyahoga Viaduct (Phase 1)

Presented to: Operational Planning &
Infrastructure Committee

May 14, 2019

Rehabilitation of the Cuyahoga Viaduct



Location Map

Rehabilitation of the Cuyahoga Viaduct

- Constructed by The Cleveland Union Terminal from 1926 to 1930



Rehabilitation of the Cuyahoga Viaduct

- RTA's longest (3,395 ft.), tallest (94.5 ft.) bridge



Rehabilitation of the Cuyahoga Viaduct

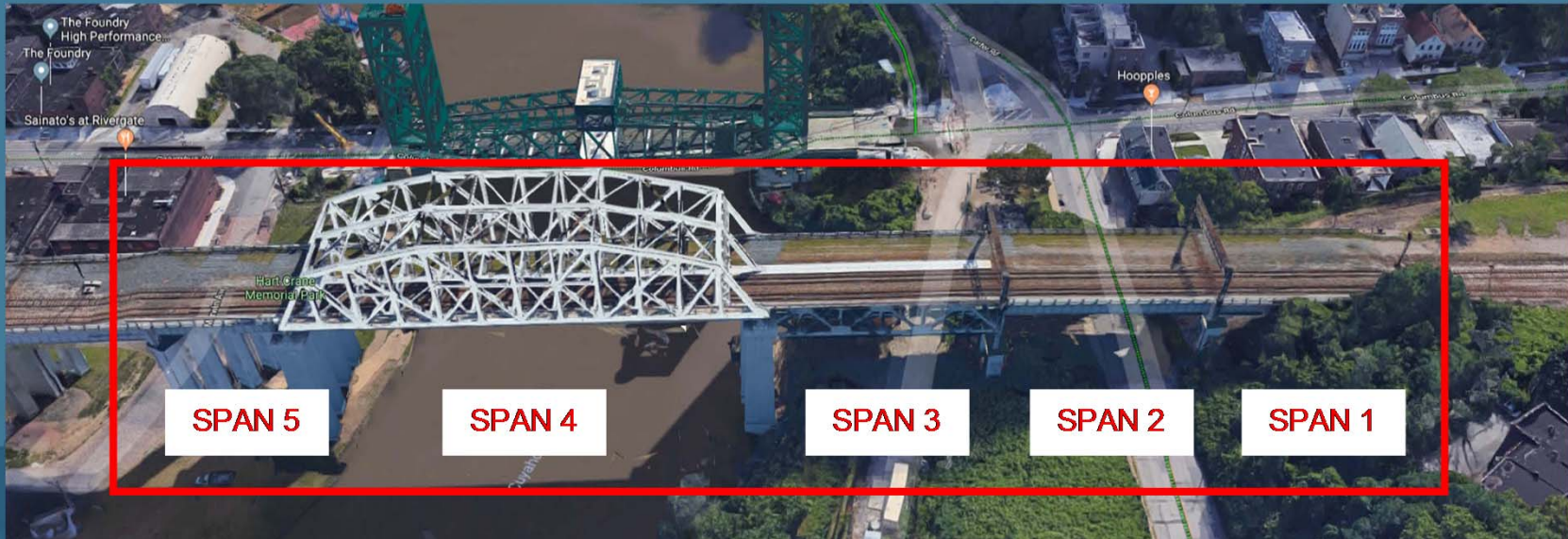
- The Viaduct is a critical asset linking East and West rail lines



Rehabilitation of the Cuyahoga Viaduct

- Bridges rehabilitated 20 yrs ago (1999-2000)
- Project No. 16.22 Evaluation of the Cuyahoga Viaduct 2018 identified specific items for repair or rehabilitation
- This project will address critical items

Rehabilitation of the Cuyahoga Viaduct



Rehabilitation of the Cuyahoga Viaduct

Scope of Services

- Complete an in-depth inspection of structural steel in Spans 1-5
- Complete fracture critical member inspections in Spans 3 and 4 and Pier 31
- Develop construction plans, specifications and an engineer's estimate for the following:

Rehabilitation of the Cuyahoga Viaduct

Scope of Services (cont'd)

- Improve deck drainage in Spans 1-5
- Remove loose concrete from the underside of the deck in Spans 1-5 and 30 (over Robert Lockwood, Jr. Drive)
- Clean bearing seats and structural steel elements where debris collects

Rehabilitation of the Cuyahoga Viaduct

Scope of Services (cont'd)

- Repair structural steel elements in Spans 1-5
- Paint critical structural steel areas and explore coating systems that minimize surface prep and eliminate or minimize containment requirements over tracks
- Reset (if needed), lubricate, clean and paint bearings in Span 3

Rehabilitation of the Cuyahoga Viaduct

Scope of Services (cont'd)

- Repair sidewalk and sheet piling at Pier 5
- Provide bidding and construction services

Rehabilitation of the Cuyahoga Viaduct

- RFP issued January 21, 2019
- Accessed on the GCRTA web site by forty-four (44) interested parties
- Four (4) firms proposed
- Three (3) firms were interviewed

Rehabilitation of the Cuyahoga Viaduct

- Evaluation Panel Members:
 - Engineering
 - Operations
 - Procurement
 - Safety
 - Office of Management and Budget
 - Office of Business Development

Rehabilitation of the Cuyahoga Viaduct

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

Rehabilitation of the Cuyahoga Viaduct

- Recommended Vendor:
 - Michael Baker International, Inc., Cleveland, Ohio
 - 9% DBE Goal will be met by utilizing:
 - 2LMN, Inc.
 - Denise's Flagging & Construction
 - American Roadway Logistics

Rehabilitation of the Cuyahoga Viaduct

- Firm Experience:
 - Michael Baker International, Inc. has successfully completed projects for ODOT, GCRTA, DART, and LA Metro, among others
 - A history of performing on rail transportation projects
 - Knowledge and familiarity with bridge projects

Rehabilitation of the Cuyahoga Viaduct

- Recommendation:
 - Staff requests that the Operational Planning & Infrastructure Committee recommend award to Michael Baker International, Inc. for Engineering Services for the Rehabilitation of the Cuyahoga Viaduct (Phase 1). The base contract is not to exceed \$446,226.00