

Summary of Proposed Award Evaluation of Transit Track Bridges over Lorain Avenue

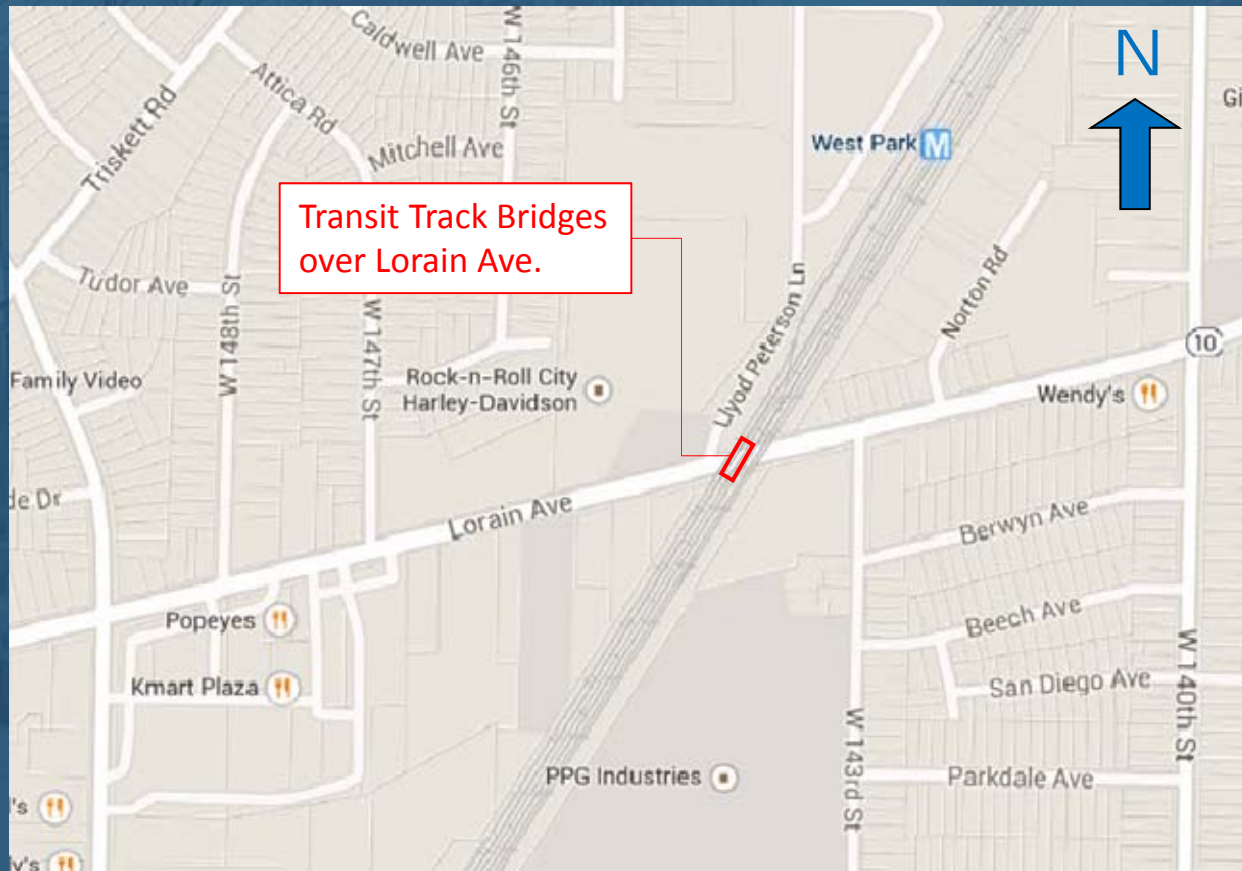
Presented to: Planning &
Development Committee

October 13, 2015

Greater Cleveland Regional Transit Authority



Location Map



Evaluation of Track Bridges over Lorain Avenue

- Bridges constructed in 1967
- Bridges rehabilitated in 2000
- The bridges are fracture critical
- Cracks discovered in 2005 and 2014 have been addressed

Evaluation of Track Bridges over Lorain Avenue



Evaluation of Track Bridges over Lorain Avenue



First crack (2005)

Evaluation of Track Bridges over Lorain Avenue



Second crack (2014)

Evaluation of Track Bridges over Lorain Avenue

- Bridges are currently safe for traffic
- Bridges are inspected every 6 months
- No additional cracks have been discovered during recent inspections

Evaluation of Track Bridges over Lorain Avenue

- Scope of Services:
 - In-depth inspection of both bridges
 - Explain the cause(s) of the web cracks
 - Perform field testing and develop a computer model to explain bridge behavior
 - Make recommendations to prolong the service life of the bridges: replacement vs. rehabilitation

Evaluation of Track Bridges over Lorain Avenue

- Schedule:
 - In-depth inspection will start immediately with NTP
 - Recommendations submitted 10 months after NTP
 - Bridges will continue to be inspected every 6 months until rehabilitated or replaced

Evaluation of Track Bridges over Lorain Avenue

- RFP issued June 1, 2015
- Accessed on the GCRTA web site by twenty-eight(28) interested parties
- Five (5) firms proposed
- Four (4) firms were interviewed

Evaluation of Track Bridges over Lorain Avenue

- Evaluation Panel Members:
 - Engineering
 - Operations
 - Procurement
 - Office of Business Development

Evaluation of Track Bridges over Lorain Avenue

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

Evaluation of Track Bridges over Lorain Avenue

- Recommended Vendor:
 - Michael Baker International, LLC, Cleveland, Ohio
 - 15% DBE Goal will be met by utilizing:
 - KS Associates, Inc.
 - Denise's Flagging & Construction
 - American Roadway Logistics

Evaluation of Track Bridges over Lorain Avenue

- Firm Experience:
 - Michael Baker International, LLC, Inc. has successfully completed projects for ODOT, GCRTA, Cuyahoga County, Kentucky Transportation Cabinet, among others
 - Over seventy years experience
 - Experienced/qualified staff

Evaluation of Track Bridges over Lorain Avenue

- Recommendation:
 - Staff requests that the Planning & Development Committee recommend award to Michael Baker International, LLC for Evaluation of Track Bridges over Lorain Avenue. The base contract is not to exceed \$261,000.00