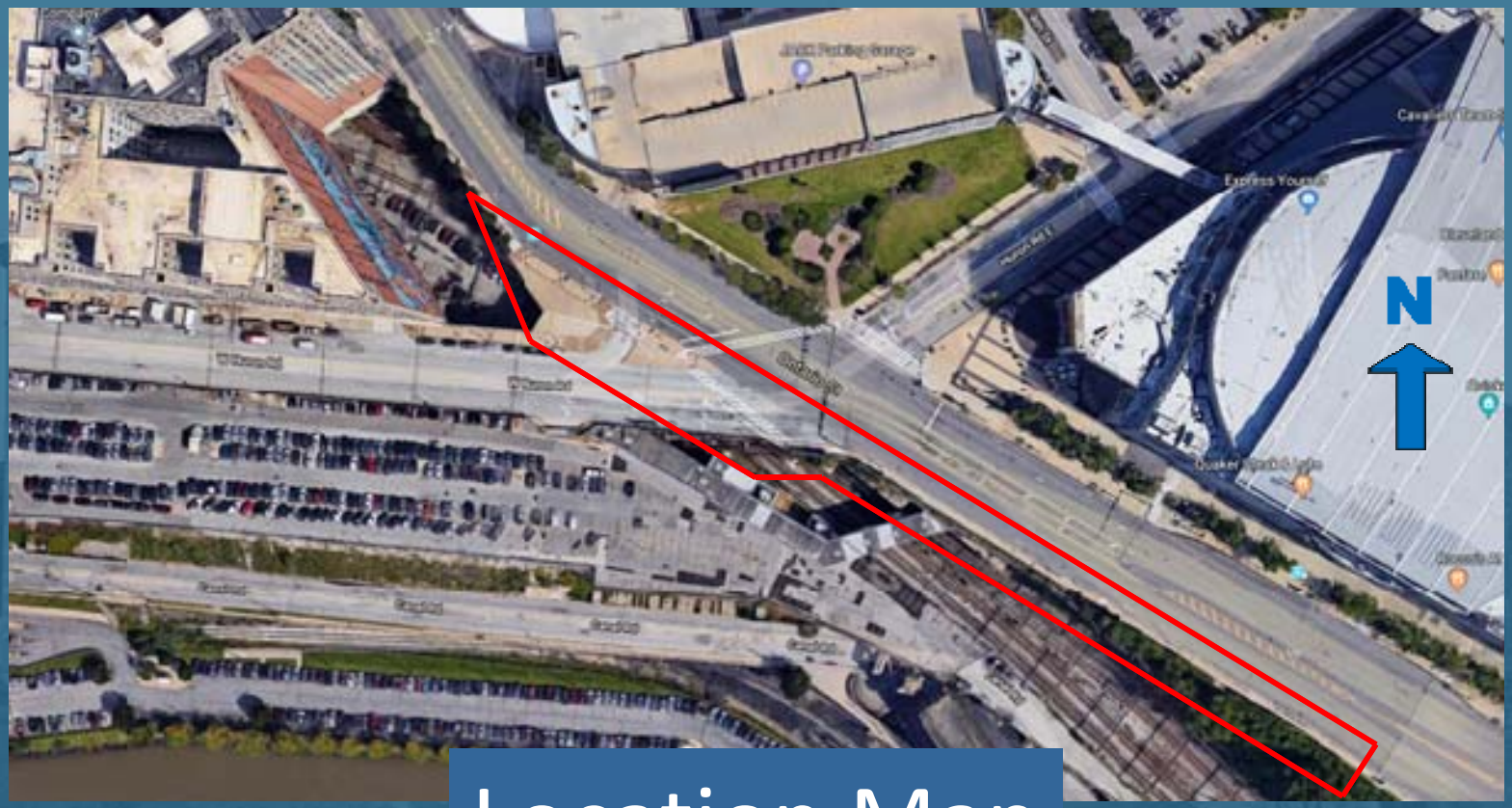
Summary of Proposed Award A/E Services for Tower City East Portal Rehabilitation

Presented to: Operational Planning & Infrastructure Committee

February 5, 2019

Greater Cleveland Regional Transit Authority

Tower City East Portal Rehabilitation



Location Map

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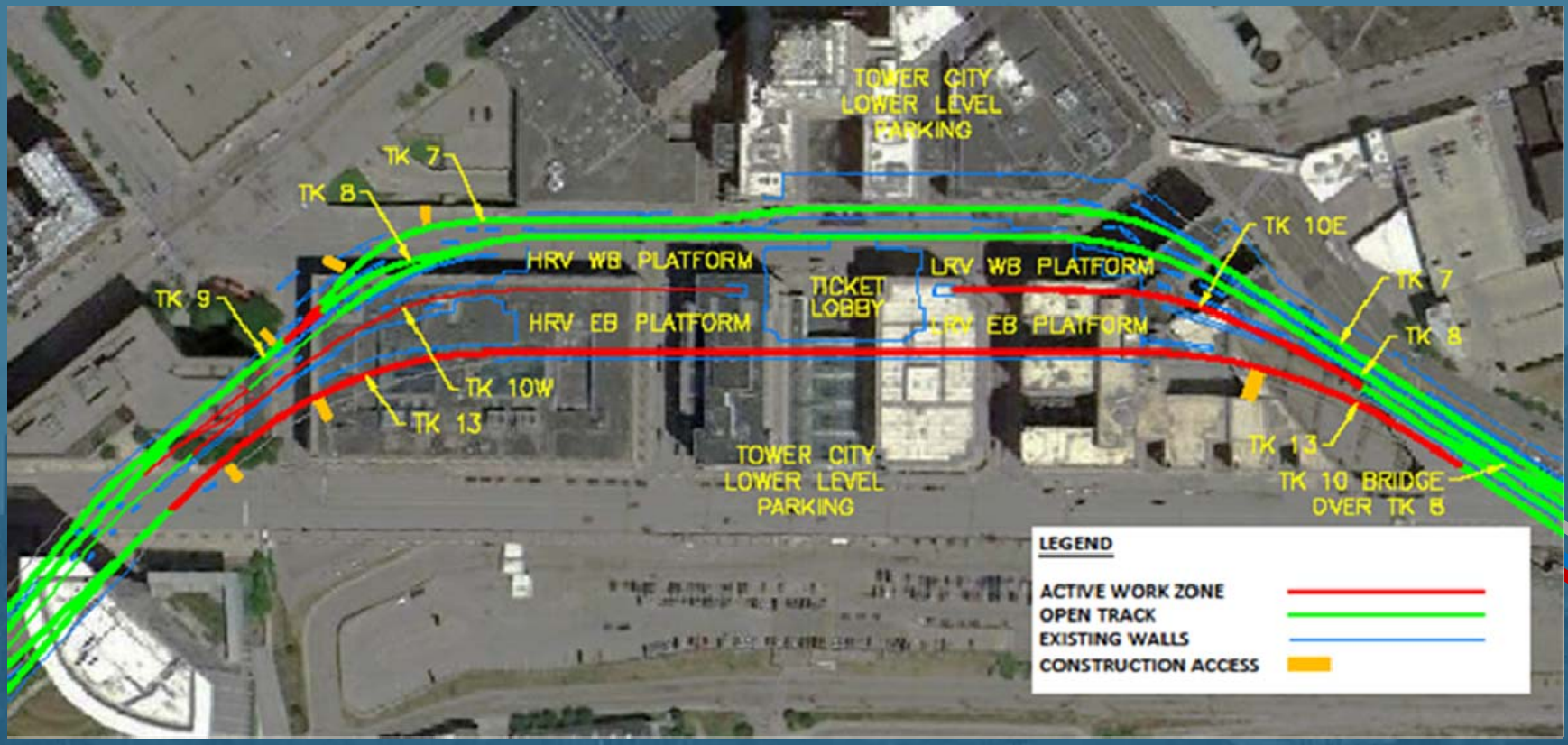
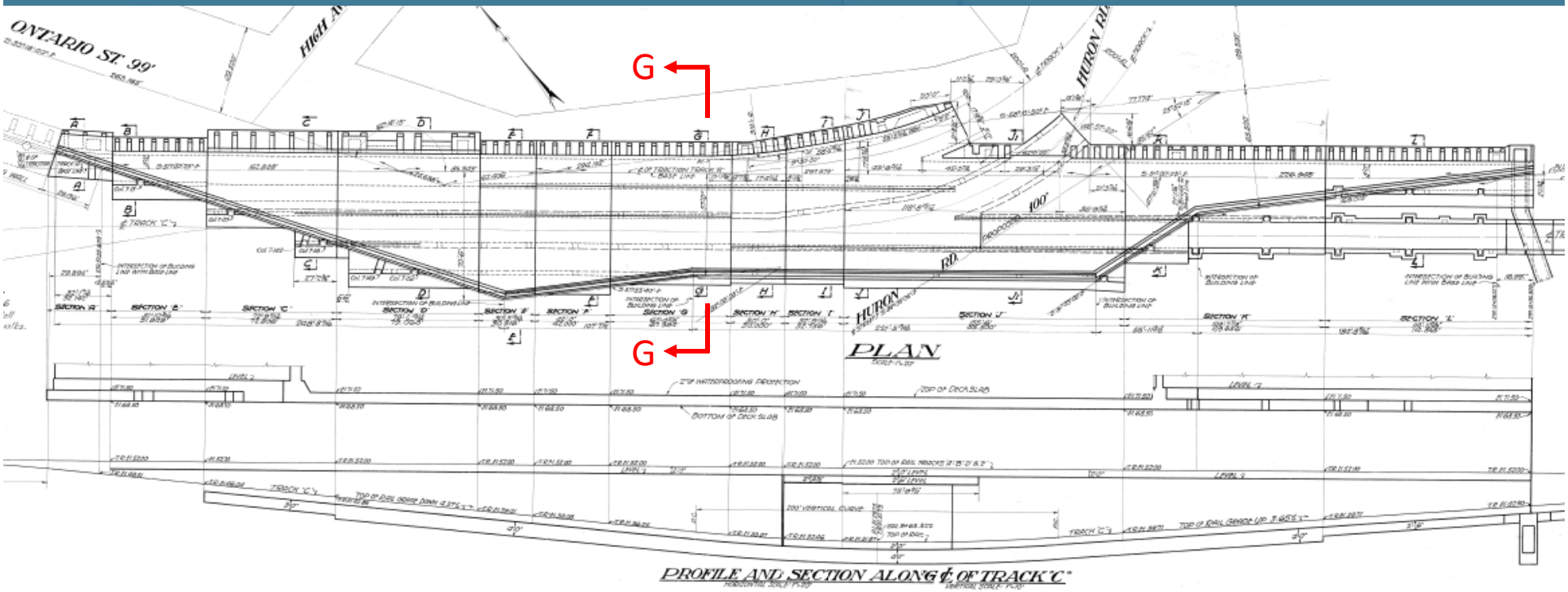
Tower City East Portal Rehabilitation



Tower City East Portal Rehabilitation



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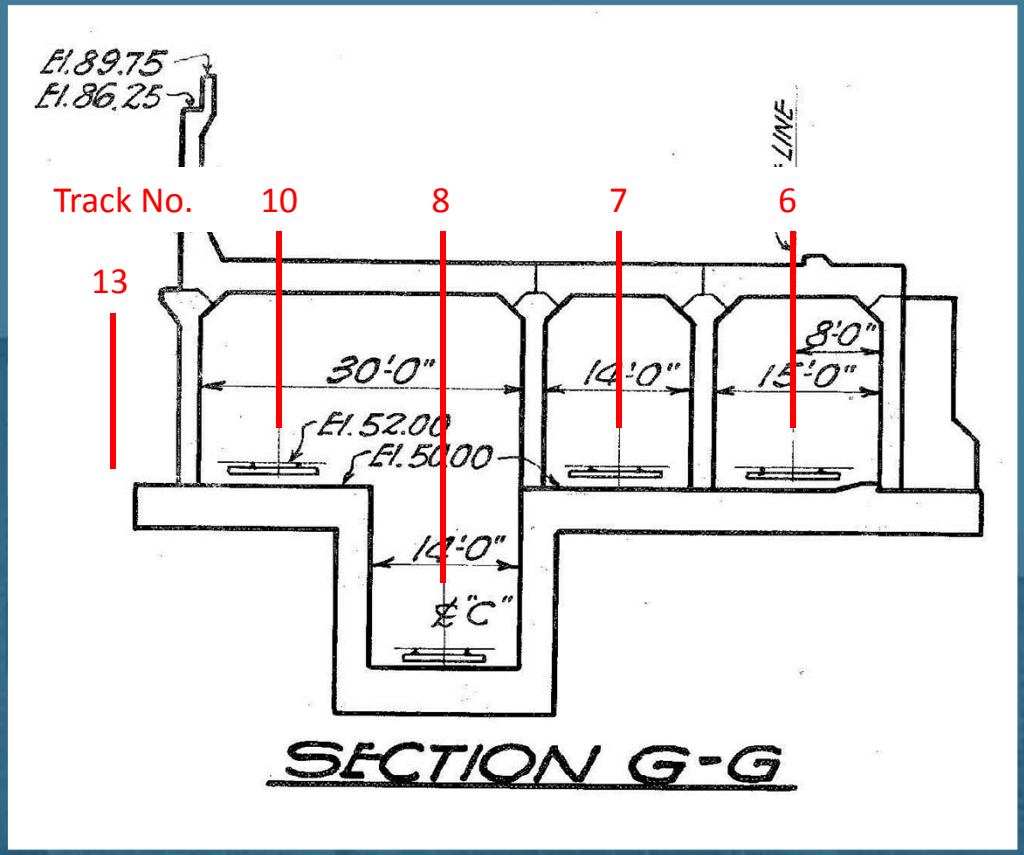

Portal Section (looking West)

Tower City East Portal Rehabilitation

- Constructed by Cleveland Union Terminal concurrently with Terminal Tower
- Constructed 1928 - 1933

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Original Construction c. 1930

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East Approach

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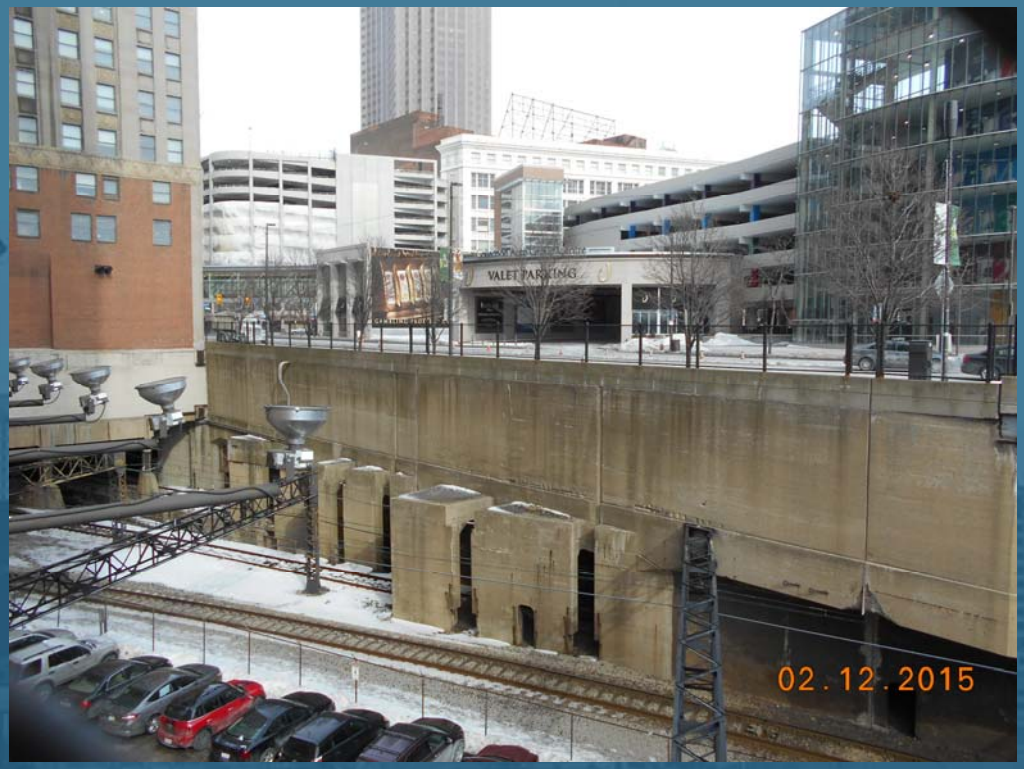
Tower City East Portal Rehabilitation



West Approach

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Tower City East Portal Rehabilitation

General Condition of Portals

- o Freeze-thaw damage to concrete portals
- o Water infiltration through portal joints
- o Track 8 walls are in critical condition

Tower City East Portal Rehabilitation

Freeze-thaw damage, exposed rebar

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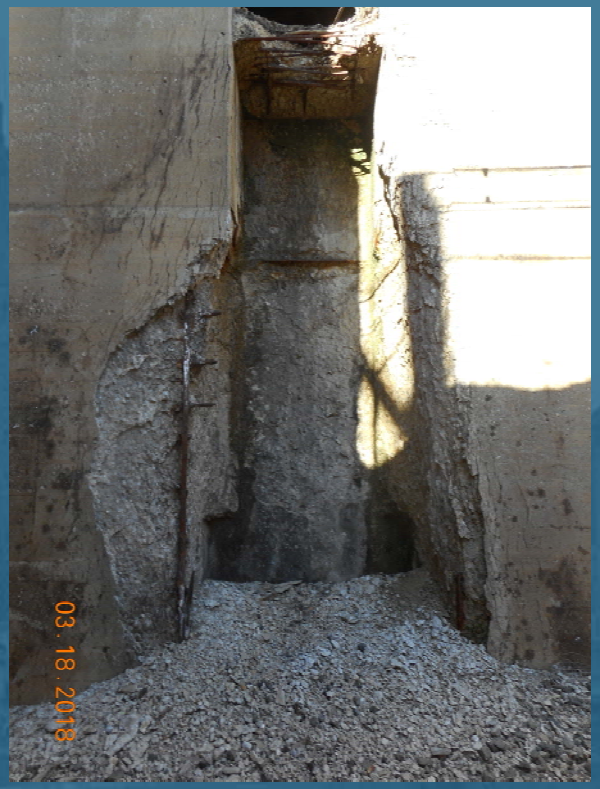

Freeze-thaw damage, exposed rebar

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Infiltration, freeze-thaw, cracking

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Infiltration, freeze-thaw, cracking

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Continuous water infiltration

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Spalling and corrosion due to joint leakage

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Water infiltration due to joint leakage

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Project Objectives

- Stop water infiltration (if possible)
- If not, direct water to proper drainage system
- Restore structural capacity of portals
- Repair portal joints
- Rehabilitate Track 8 walls or fill-in and relocate

Tower City East Portal Rehabilitation Procurement Overview

- RFP issued June 4, 2018
- Accessed on the GCRTA web site by twenty-two (22) interested parties
- Three (3) firms proposed
- Two (2) firms were interviewed

Tower City East Portal Rehabilitation

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

Tower City East Portal Rehabilitation

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

Tower City East Portal Rehabilitation

- Recommended Vendor:
  - E.L. Robinson Engineering of Cleveland, Ohio
  - 7% DBE Goal will be met by utilizing:
    - 2LMN, Inc.
    - Pro Geotech, Inc.
    - Denise's Flagging and Construction Services

Tower City East Portal Rehabilitation

- Firm Experience:
  - E.L. Robinson Engineering has successfully completed projects for ODOT, Lorain County Engineer and Lorain County Prosecutor, Cleveland Metroparks, City of Akron, among others
  - Over forty-one years experience
  - Experienced/qualified staff

Tower City East Portal Rehabilitation

- Alternates:
  - The A/E will recommend Alternate 1 or 2
  - Alternate 2: Fill-in and Relocate Track 8 = $1,011,402.03
  - Alternate 1: Rehabilitate Track 8 Walls = $769,482.47 (*deduction* of $241,919.56)

Tower City East Portal Rehabilitation

- Recommendation:
  - Staff requests that the Operational Planning & Infrastructure Committee recommend award to E.L. Robinson Engineering for Engineering Services for the Tower City East Portal Rehabilitation. The base contract is not to exceed $1,011,402.03.