



Rehabilitation of Track/Platform Bridges over W. 117th Street

Presented to:

Operational Planning & Infrastructure Committee

May 2, 2023

Rehabilitation of Track/Platform Bridges over W. 117th Street

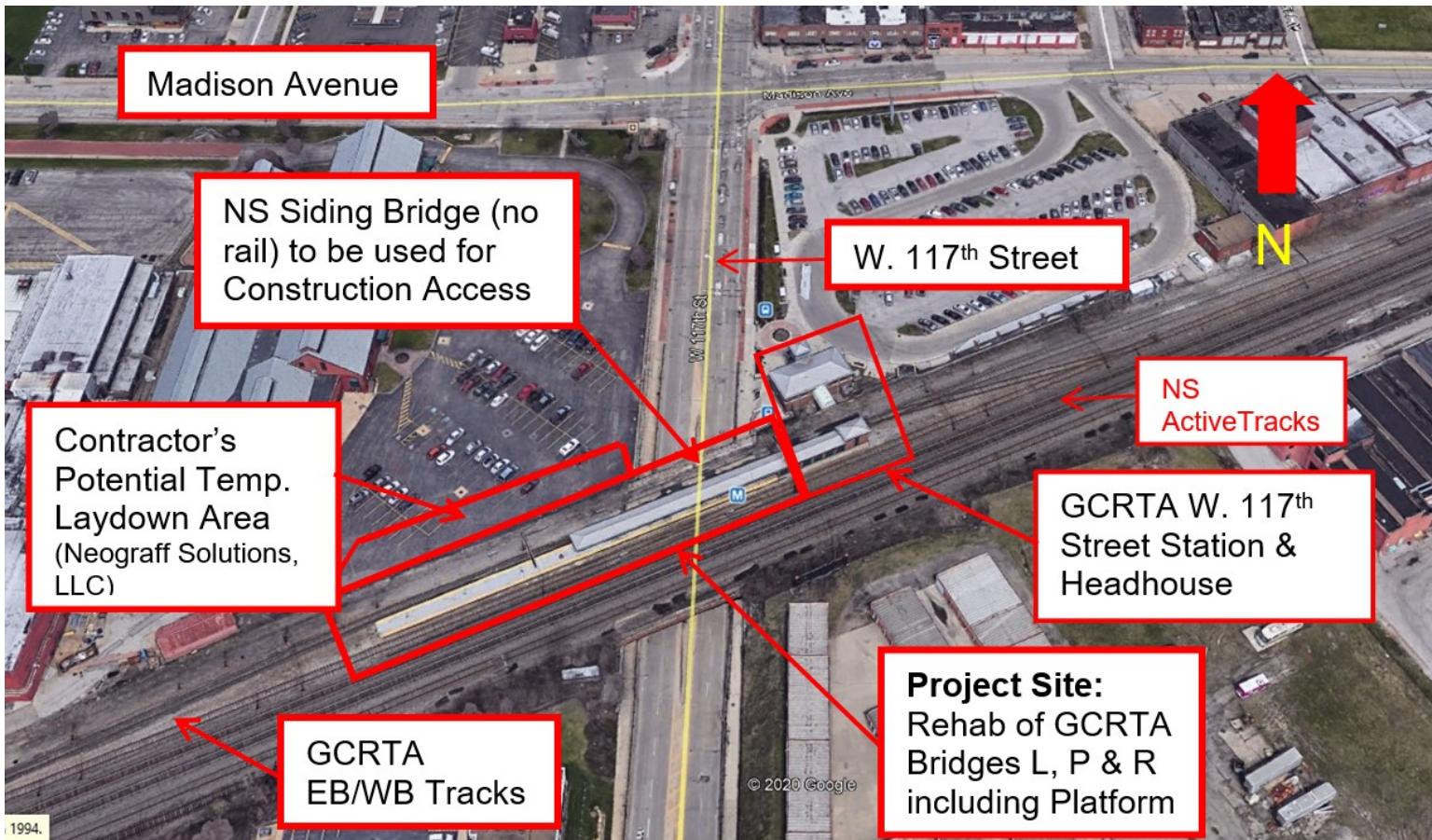


City of
Lakewood

City of
Cleveland

Project Location





Madison Avenue

NS Siding Bridge (no rail) to be used for Construction Access

W. 117th Street

Contractor's Potential Temp. Laydown Area (Neograff Solutions, LLC)

NS Active Tracks

GCRTA W. 117th Street Station & Headhouse

GCRTA EB/WB Tracks

Project Site:
Rehab of GCRTA Bridges L, P & R including Platform

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City of Cleveland



City of Lakewood

Original Construction circa 1953



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History of Work

- Station, platform and Track Bridges constructed circa 1953
- Track Bridge Rehabilitation 1989
- Station and Headhouse Rehabilitation with new canopy rooftop 2008
- No significant platform deck work to date

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Project Objectives

- Extend the three bridges and adjoining platform service life utilizing innovative design/construction methods & materials to:
 - Improve the collection & distribution of surface drainage
 - Provide proper expansion/contraction of platform & bridge
 - Rehabilitate head house entrance
 - Deliver solutions with least impact to revenue service



W. 117th Street Station
Platform looking East

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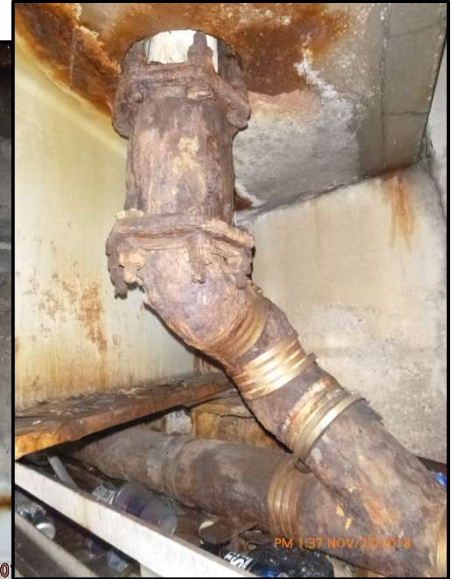
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Concrete Deck on Steel Beams



Looking up @ failed expansion Joint

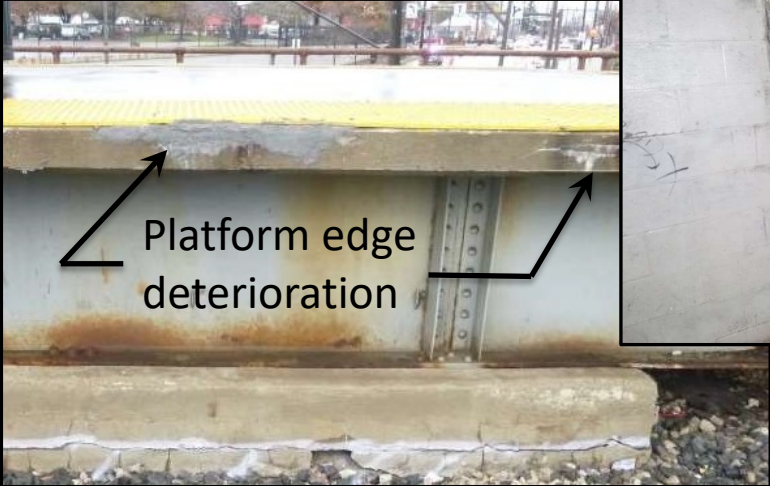


Drain pipe

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Center Steel Pier



Concrete
Foundation @
Ends

Rehabilitation of Track/Platform Bridges over W. 117th Street

- Project rehabilitation elements:
 - Replace concrete track bridge decks, retrofit/paint existing structural steel, patch concrete foundations, and improve site drainage.
 - Replace concrete platform deck with Fiber Reinforced Polymer (FRP) deck while preserving existing canopy.
 - Patch city concrete curb walls and replace city sidewalk handrails.

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- Procurement Overview

Invitation For Bid (IFB) issued February 27, 2023.

Accessed on the GCRTA website by 37 interested parties.

Two (2) firms submitted a bid.

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Lowest responsive and responsible vendor:

- Suburban Maintenance & Construction, Inc.

A 13% DBE participation goal was assigned to this project and will be achieved through the use of Cuyahoga Fence, LLC, Tech Concrete, DGL Associates, AKA Waterproofing, Cook Construction Co., American Roadway Logistics, Baseline Supply, and Denise's Flagging, LLC.

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Firm Experience:

- Suburban Maintenance & Construction, Inc. has successfully completed projects for GCRTA, the Ohio Turnpike Commission, Ohio Department of Transportation, among others.

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Staff requests that the Operational Planning and Infrastructure Committee recommend award to Suburban Maintenance & Construction, Inc. for the Rehabilitation of Track/Platform Bridges over W. 117th Street. The contract is in an amount not to exceed \$7,563,549.00.

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QUESTIONS?