

Minutes

RTA Operational Planning & Infrastructure Committee

9:12 a.m. May 2, 2023

Committee Members: Moss (Vice), Joyce

Other Board Members: Koomar, Lucas, McCall, Weiss

Not present: Biasiotta, Pellot, Welch

Staff: Birdsong Terry, Burney, Capek, Catalusci, Caver, Dangelo, Davidson, Dimmick, Fields, Fleig, Freilich, Garofoli, Gautam, Jenkins, Jones, Kirkland, Lath, Laule, Marquit Renwald, Miller, Miranda, Reynolds, Schipper, Steiner, Sutula, Talley, Walker-Minor, Woodford, Young

Public: Durbin, Loh

The meeting was called to order at 9:12 a.m. Three (3) committee members were present. Mayor Weiss was added to the committee to establish a quorum.

IFB Procurement for Hayden District Garage Roof Replacement

Presenters included Norbert Reynolds, Resident Engineer and Lou Catalusci, Contract Administrator.

Project Overview

This building was refurbished 27 years ago in 1996. It's located at 1661 Hayden Avenue opposite to the Windermere Station. This facility is 212,000 square feet. The roof is over 25 years old and is showing obvious signs of aging. The roof membrane has separated from the underlying wet insulation, resulting in bulging. This is typical throughout the entire roof. Water leaks on A/C ducts and electrical conduits in workshop. This condition is common throughout the building. Transition parapet wall had to be patched to reduce leaks into building. There are leaks in Operator's recreation room. Field repair similar to this is a common occurrence throughout. Roof Mapping indicates moist insulation. This condition exists over approximately 10% of total roof area. The UV scan shows where the most moisture is on the roof. The plan is not to tear off the entire roof, but to surgically replace areas that have wet insulation and put additional insulation in.

Benefits:

- \$7,000/yr. savings in energy costs due to increased R value from 18.6 to 27.9
- \$1M saved in demolition costs
- Environmentally friendly – 5,000 CY debris prevented from entering landfill
- 3-year contractor warranty and 30-year NDL manufacturer warranty

Procurement Overview

The Invitation for Bid (IFB) was issued February 27, 2023. It was accessed on the GCRTA website by twenty-seven (27) interested parties. Four (4) firms submitted a bid. The lowest responsive and responsible vendor is Terik Roofing, Inc. A 20% DBE participation goal was assigned to this project and will be achieved through the use of Contractor Connection, Inc., River City Solutions, LLC, and ROMA Designs, LLC. Terik Roofing, Inc. has successfully completed projects for Cleveland State University, Cuyahoga County, Lubrizol Corporation, and Progressive Insurance, among others.

Staff requests that the Operational Planning and Infrastructure Committee recommend an award to Terik Roofing, Inc. for the Hayden Garage Roof Replacement. The contract is in an amount not to exceed \$5,688,162.00. The Authority will use a 2022 competitive bus grant award to help fund this project.

Ms. Moss is happy about the competitive bids. Mayor Weiss asked how the 10% of the roof is replaced. Mr. Reynolds said they remove section by section, and replace where needed to make the building watertight. The infrared areas will show the wet areas. Mr. Joyce asked if the entire drainage system was being removed. Mr. Reynolds said the drainage system is fine. They will only upgrade the hardware. It was moved by Mr. Joyce, seconded by Mayor Weiss and approved to move to the full Board.

IFB Procurement for the rehabilitation of the catenary poles – Red Line and Waterfront Line

Presenters included Mike Capek, Engineer Project Manager, Facilities and Jonathan Laule, Contract Administrator.

Catenary Rehabilitation Phase 2

- Project includes all of the Red Line East, the Waterfront Line, and some repairs on the Red Line West.
- Focus is on Catenary Structures.
- Service Impacts – The Red Line may have to single track periodically for some portions of the work.
- The Engineer's Estimate was \$3,517,142.00.
- Green and Blue Lines to be Rehabilitated in a Future Project.
- Project scheduled to last 600 days.
- Based on a 2018 Study of the Structures by Osborn Engineering
- State of Good Repair Improvements:
 - Repair of 180 pole foundations or grout caps
 - Repair of 29 base plates
 - Repair or replacement of anchor bolts on 111 poles
 - Repair of 60 pole structures
 - Total replacement of two pole structures
 - Repair or replacement of 16 guy wires
 - Installation of 351 pole signs

Procurement Overview

The Invitation for Bid (IFB) was issued March 6, 2023. It was accessed on the GCRTA website by eleven (11) interested parties. Two (2) firms submitted a bid. The lowest responsive and responsible vendor is Railworks Track Services, LLC, Chicago, Illinois. A 15% DBE participation goal was assigned to this project and will be achieved through the use of Cook Paving and Construction Co, Inc. Railworks Track Services, LLC has successfully completed projects for GCRTA, Norfolk Southern, Burlington Northern Santa Fe Railroad, Canadian Pacific, among others.

Staff requests that the Operational Planning and Infrastructure Committee recommend award to Railworks Track Services, LLC for the Catenary Rehabilitation Phase 2. The contract is in an amount not to exceed \$3,799,835.00. Ms. Moss added that this project was above the budget, but within the 10% estimate. She asked since the study was performed five years ago, if all the work is captured in the project details. Mr. Capek confirmed. It was moved by Mr. Joyce, seconded by Mayor Weiss and approved to move this to the full Board.

IFP Procurement for the Rehabilitation of the track and platform bridges over W. 117th Street

Presenters include Kirk Dimmick, Engineer Project Manager, Bridges and Jonathan Laule, Contract Administrator. The project is between the City of Cleveland and City of Lakewood. It took several years to negotiate the agreement between the two cities. The traffic will be disrupted to complete the work. The cities will make updates to the railing and walls on either side of the W. 117th Street entrance.

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

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
- 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.

Procurement Overview

The Invitation for Bid (IFB) was issued February 27, 2023. It was accessed on the GCRTA website by 37 interested parties. Two (2) firms submitted a bid. The lowest responsive and responsible vendor is 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. Suburban Maintenance & Construction, Inc. has successfully completed projects for GCRTA, the Ohio Turnpike Commission, Ohio Department of Transportation, among others.

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. Ms. Moss added that the bid was under budget and there was competition. She thanked the team for collaborating with the other cities. This project will be done in two phases. Mr. Joyce asked if it is optimal to schedule work throughout the night. Mr. Dimmick said the contract allows night work, and the cities are open to it. Ms. Moss asked if the work would consider the new train dimensions. Mr. Dimmick said the additional length was factored into the project to accommodate the new trains. Mayor Weiss asked how the traffic will flow on W. 117th during the project. Mr. Dimmick said there will be single lanes going both ways. The project will pause during the winter and pick up next spring. It was moved by Mr. Joyce, seconded by Mayor Weiss and approved to move to the full Board.

Capital Improvement Program – 2024-2028

The presenters included Carolyn Young, Manager of Budget and Michael Schipper, Engineering & Project Management. Planning began last September. Project requests were submitted to the Capital Program Working Group (CPWG) this February. The recommendations went to the Capital Program Oversight Committee (CPOC) in March/April for project finalization. There will be a public hearing today. They will request the 2024 Capital Budget be moved to the full Board for adoption.

- Capital Planning Schedule
- Capital Planning Committees
- Project Ranking Criteria
- Proposed Capital Budget & Five-Year Capital Plan
- Sources of Funding
- FY 2024 Capital Budget Highlights

- Unfunded Projects
- Public Hearing

CIP Plan Goals

- Prioritize capital projects for funding
- Support of the Authority's Strategic Plan
 - Capital Project Ranking Criteria
 - State of Good Repair 25%
 - Health and Safety 20%
 - Government Mandates 20%
 - Ridership/Transit Oriented Development 15%
 - Operating Budget Impact 15%
 - Environmental Impact 5%

The 2024 CIP plan totals \$146.3 M and is placed in nine categories. The total 2024-2028 plan totals \$686.8. Major funding sources come from the federal government (54%), state government (10.79%) and local funds (19.53%). Unfunded is at 15.47%.

CIP Budget Highlights

- 2023 Continuing Projects
- Bus Garages
- Facility Improvements
- Other
- Rail Projects
- Vehicle Improvement Program
- Competitive Grants
- Unfunded Projects

2023 Projects Continuing in 2024

- Design
 - East 79th Street Light Rail Station ADA Reconstruction
 - West 25th Street/MetroHealth BRT Line
- Construction
 - East 120th Street Substation
 - Windermere Substation
 - Tower City East Portals
 - Warrensville/Van Aken Station and Track Replacement
 - Hayden Garage 60 ft Lifts

Bus Garages

- Design
 - None
- Construction
 - Hayden 40 ft Lifts
 - Hayden Pivot gates
 - Paratransit Bus Lifts
 - Hayden & Triskett Bus Wash Replacements

Facility Improvements

- Design
 - Central Rail Access Road Bridge over Norfolk Southern
- Construction
 - Red Line Track Bridge over former Conrail Spur
 - Light Rail Track Bridge over Ambler

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Rail Projects

- Design
 - Light Rail Reconstruction – Phase 4
 - Light Rail Fiber Optics
- Construction
 - Light Rail Track Reconstruction – Shaker Square
 - Light Rail Guard Walls – Phase 3
 - Signal System Upgrades

Other

- Planning
 - Barriers to Transit Access Study
 - Broadway Corridor Transit Oriented Development Study

Vehicle Improvement Program

- 2024 Bus Replacements
 - 10 Paratransit Vehicles
- Rail Car Replacement Program
 - Design of Brookpark Shop Renovations
 - Design of Platform Modifications

Unfunded CIP needs total \$418M. They have been challenged with estimates and inflation.

Securing Additional Funding

- IJJA FTA formula grants provide approximately \$56M+ GCRTA Local Match of \$14M for base funding level of \$70M per year.
- SFY2024-2025 ODOT Office of Transit administers \$70M of Ohio General Revenue and Flex Funding and \$15M of new Workforce Mobility funding.
- Competitive grants at federal, state, and local level provide the majority of funding beyond the base level.

Competitive Grant Awards in 2022

- Bus Improvement Program
 - \$2.0M OEPA Diesel Engine Removal Grant
 - \$3.7M ODOT Urban Transit Program
 - \$0.9M NOACA Section 5310
- Rail Car Replacement Program
 - \$5.0M Community Project Funding
 - \$5.0M Congressionally Directed Spending
 - \$8.0M ODOT Ohio Transit Preservation Partnership
- Hayden Garage Roof
 - \$4.0M FTA Bus and Bus Facilities
- East 79th Street Light Rail Station ADA
 - \$8.0M FTA All Station Accessibility Program
- Planning Studies
 - \$0.4M FTA TOD Planning Pilot Program
 - \$0.6M FTA Areas of Persistent Poverty
- Total Awards of \$37.6M

2023 Grant Submissions

- Bus Improvement Program
 - \$9.5 million FTA Lo/No Emission (Electric Buses)
 - \$3.7 million ODOT UTP
 - \$20.0 million NOACA CMAQ
 - \$0.9 million NOACA Section 5310

- Rail Car Replacement Program
 - \$130.0 million FTA Rail Vehicle Replacement
 - \$12.0 million ODOT OTP2
- Light Rail Track Reconstruction
 - \$30.7M ODOT Transportation Review Advisory Council
 - \$4.0M Community Project Funding
 - \$4.0M Congressionally Directed Spending
- Workforce Development
 - \$1.0M Congressionally Directed Spending
 - \$2.0M ODOT Mobility Grant

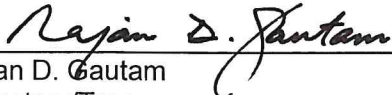
Ms. Moss commended RTA for having projects shovel ready so that if/when the funding comes through, the projects can be completed. Mayor Weiss asked what was approved last month for rail cars and what is in the CIP budget. Mr. Schipper said one of the spreadsheets points out what is funding and what is still to be funded. They have accumulated \$213 M for the program. The unfunded parts will pay for the options. The base order of 24 rail cars was paid for. The options include 36 rail cars. As they accumulate funding, they will come back to the Board to approve the options in groups of six (6). Ms. Young added that the funding has been appropriated for the 24 rail cars approved by the Board. Ms. McCall asked if Thrive 105/93 was in the budget. Ms. Young said that is in the RTA Capital Fund report. Ms. McCall asked if the HealthLine refresh was in the CIP and wanted to ensure a fund is set up for the future for rail car maintenance. Mr. Gautam stated that a reserve fund is set up for rail car planning and maintenance. Mayor Weiss asked about the plan to rehab the LR tracks. Mr. Schipper said there are several projects in the queue for the LR.

10:22 a.m. - Ms. Moss asked for a motion and second to suspend the meeting to conduct the Public Hearing. It was moved by Mayor Weiss, seconded by Mr. Joyce and approved to suspend.

10:29 a.m. - It was moved by Mayor Weiss, seconded by Mr. Joyce and approved to reconvene the Committee meeting.

Staff recommends to the Operational Planning & Infrastructure Committee to present this resolution to the full Board for approval for the FY 2024- 2028 Capital Improvement Fund Budget. It was moved by Mayor Weiss, seconded by Mr. Joyce and approved to move to the full Board.

The meeting was adjourned at 10:30 a.m.



Rajan D. Gautam
Secretary/Treasurer



Theresa A. Burrage
Executive Assistant