

2023 - 2027 Proposed Capital Improvement Plan (CIP)

May 10, 2022

Operational Planning & Infrastructure Committee

Office of Management & Budget

and

Engineering & Project Management

Greater Cleveland Regional Transit Authority



Capital Improvement Plan (CIP) Calendar

- September '21 CIP Budget development begins
- September '21 – March '22 Submission and prioritization of projects
- April '22 Finalize projects and funding
- May '22 Presentation of 5-Yr Capital Improvement Plan (CIP) and Public Hearing
- May '22 Adoption of the 2023 CIP Budget
- June '22 Submission of 2023-2027 CIP to NOACA

Capital Improvement 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%

Five Year Plan – Project Category

2023 - 2027 COMBINED CAPITAL IMPROVEMENT PLAN Combined Budget Authority						
PROJECT CATEGORY	2023 Budget	2024 Plan	2025 Plan	2026 Plan	2027 Plan	2023-2027
Bus Garages	\$3.5	\$3.9	\$0.0	\$2.2	\$0.5	\$10.1
Bus Improvement Program	\$37.1	\$23.1	\$23.1	\$23.1	\$23.1	\$129.5
Equipment & Vehicles	\$9.1	\$5.2	\$15.1	\$16.0	\$13.5	\$58.9
Facilities Improvements	\$22.0	\$24.4	\$13.6	\$15.7	\$12.4	\$88.1
Other Projects	\$2.6	\$4.6	\$23.1	\$26.1	\$2.6	\$59.0
Preventive Maint./Oper. Reimb.	\$2.1	\$1.8	\$1.1	\$8.5	\$12.1	\$25.6
Rail Car Program	\$30.6	\$39.4	\$34.0	\$21.7	\$11.5	\$137.2
Rail Projects	\$25.0	\$44.2	\$34.6	\$31.9	\$19.6	\$155.3
Transit Centers	\$1.3	\$0.3	\$0.3	\$0.3	\$0.3	\$2.5
TOTALS	\$133.3	\$146.9	\$144.9	\$145.5	\$95.6	\$666.2



Infrastructure Investment and Jobs Act (IIJA) Impact On GCRTA Formula Funds

SECTION	FFY2021	FFY2022	DIFFERENCE	PERCENT
5307	\$ 24,320,000	\$ 30,779,357	\$ 6,459,357	26.6%
5337	\$ 17,050,000	\$ 23,931,098	\$ 6,881,098	40.4%
5339	\$ 2,253,626	\$ 2,002,180	\$ (251,446)	-11.2%
TOTAL	\$ 43,623,626	\$ 56,712,635	\$ 13,089,009	30.0%

Funding Sources

Federal

- Formula & Competitive Grants

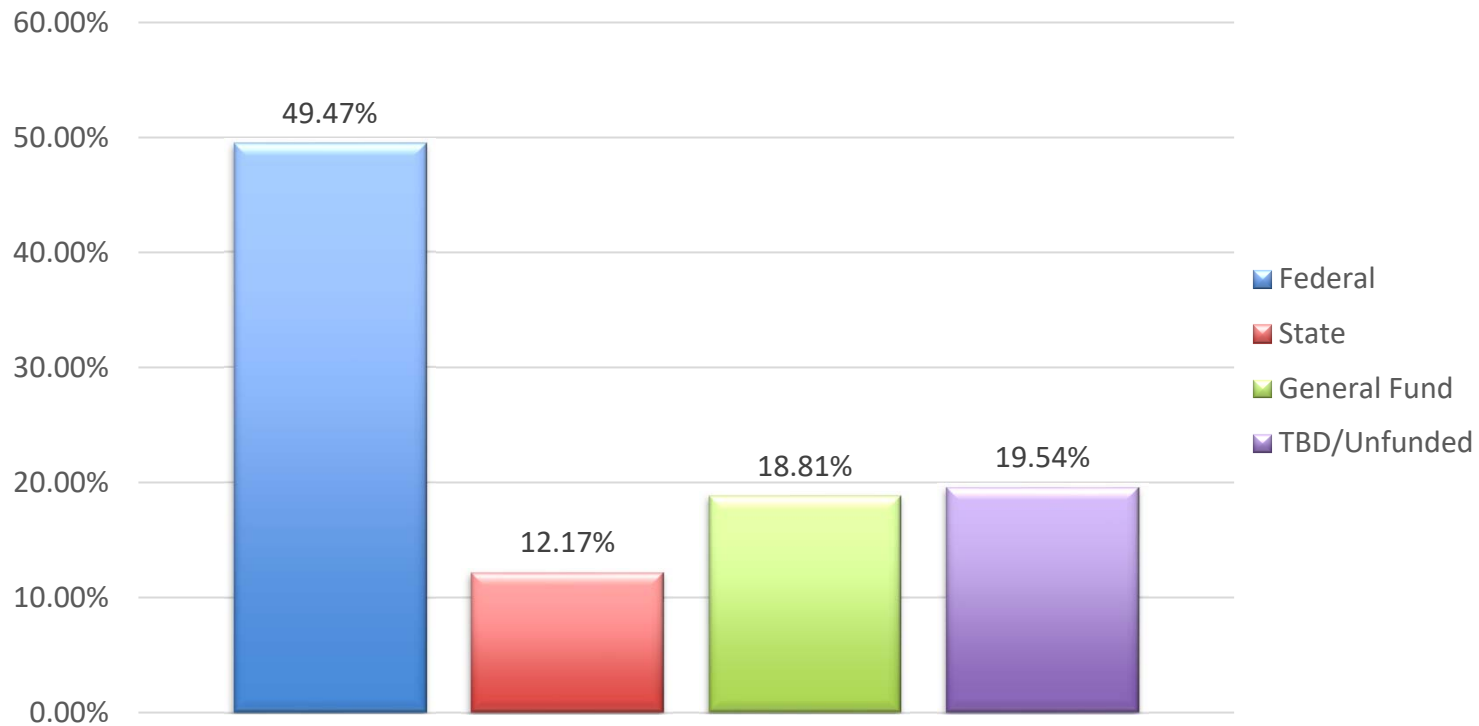
State

- Formula & Competitive Grants

Local Funds

- Sales Tax
- Bonds

Five Year Plan – Funding Source



Engineering & Project Mgmt.



Greater Cleveland Regional Transit Authority



Proposed Use of IIJA Funds

- \$81 million in additional project funding
 - Light Rail Track Reconstruction \$ 19M
 - Bus Vehicles \$ 12M
 - Technology – IT, ERP, and Fare Systems \$ 21M
 - Bus/Rail Maintenance Facilities \$ 10M
 - Bridges – Viaduct, WFL, CR Access \$ 9M
 - Stations/Transit Centers – West 25th, STJ \$ 10M

Unfunded CIP Needs

- \$292 M in unfunded projects
 - Rail Vehicles \$111M
 - Rail Facility & Infrastructure \$ 22M
 - Track Rehabilitation \$ 26M
 - Bus Vehicles/MetroHealth BRT \$ 54M
 - Technical Support – Hardware/Software \$ 16M
 - Bus/Rail Maintenance Facilities & Yards \$ 55M
 - Bridges, Stations, Equipment, Other \$ 8M

2023 Capital Budget Highlights

- 2022 Continuing Projects
- Bus Garages
- Facility Improvements
- Rail Projects
- Transit Centers
- Other
- Vehicle Improvement Program
- Unfunded Projects

2022 Projects Continuing in 2023

- Design
 - West 117th Street Bridge and Platform
 - MetroHealth BRT
- Construction
 - Tower City East Portals
 - Waterfront Line Bridge Repairs
 - East 75th Light Rail Interlocking
 - Warrensville Van Aken Platform, Station and Tracks

Bus Garages

- Design
 - None
- Construction
 - Hayden Garage Roof Replacement
 - Hayden Bus Wash Rack Replacement
 - Hayden 60 foot Lift Replacement

Facility Improvements

- Design
 - Access Road Bridge to Central Rail
- Construction
 - Red Line Track Bridge over Brookpark Road
 - Various HVAC, Roofing and Paving Projects

Rail Projects

- Design
 - Light Rail Reconstruction
 - East 79th Light Rail Station Design Support
 - Light Rail Retaining Walls – Phase 3
- Construction
 - Central Rail Track 3 at Transfer Table
 - Overhead Catenary Repairs Phase 2
 - Signal System Upgrades
 - Light Rail Track Reconstruction – Phase 4

Transit Centers

- Design
 - None
- Construction
 - Stephanie Tubbs Jones Canopy Painting

Other

- Planning
 - On – Board Origin & Destination Survey

Vehicle Improvement Program

- 2022 Bus Replacements
 - 16 – 60 ft. CNG 5-door BRT HealthLine Vehicles in service
 - 20 40 foot CNG Buses on property
 - 10 Paratransit Vehicles
- 2023 Bus Replacements
 - 20 - 25 40 foot CNG Buses
 - 10 Paratransit Vehicles

Vehicle Improvement Program

- Rail Car Replacement Program
 - Award Rail Car Manufacturer Contract
 - Design of Brookpark Shop Renovations
 - Design of Platform Modifications

Questions



Greater Cleveland Regional Transit Authority



Public Hearing

Greater Cleveland Regional Transit Authority



Recommendation

Staff recommends to the Operational Planning & Infrastructure Committee to present this resolution to the full Board for approval for the FY 2023- 2027 Capital Improvement Fund Budget