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 (RTA)
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%
## 2023 - 2027 COMBINED CAPITAL IMPROVEMENT PLAN

**Combined Budget Authority**

<table>
<thead>
<tr>
<th>PROJECT CATEGORY</th>
<th>2023 Budget</th>
<th>2024 Plan</th>
<th>2025 Plan</th>
<th>2026 Plan</th>
<th>2027 Plan</th>
<th>2023-2027</th>
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<tbody>
<tr>
<td>Bus Garages</td>
<td>$3.5</td>
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<td>$23.1</td>
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<td>Preventive Maint./Oper. Reimb.</td>
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# Infrastructure Investment and Jobs Act (IIJA) Impact On GCRTA Formula Funds

<table>
<thead>
<tr>
<th>SECTION</th>
<th>FFY2021</th>
<th>FFY2022</th>
<th>DIFFERENCE</th>
<th>PERCENT</th>
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<td>5339</td>
<td>$2,253,626</td>
<td>$2,002,180</td>
<td>(251,446)</td>
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<td>TOTAL</td>
<td>$43,623,626</td>
<td>$56,712,635</td>
<td>$13,089,009</td>
<td>30.0%</td>
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</table>
Funding Sources

Federal
- Formula & Competitive Grants

State
- Formula & Competitive Grants

Local Funds
- Sales Tax
- Bonds
Five Year Plan – Funding Source

- Federal: 49.47%
- State: 12.17%
- General Fund: 18.81%
- TBD/Unfunded: 19.54%
Engineering & Project Mgmt.
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
Public Hearing
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