

# 2021 - 2025 Proposed Capital Improvement Plan (CIP)

May 12, 2020

Operational Planning & Infrastructure Committee

Office of Management & Budget

and

Engineering & Project Management

# Capital Improvement Plan (CIP) Calendar

- August '19 CIP Budget development begins
- September '19 – March '20 Submission and prioritization of projects
- April '20 Finalize projects and funding
- May '20 Presentation of 5-Yr Capital Improvement Plan (CIP) and Public Hearing
- May '20 Adoption of the 2021 CIP Budget
- June '20 Submission of 2021-2025 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

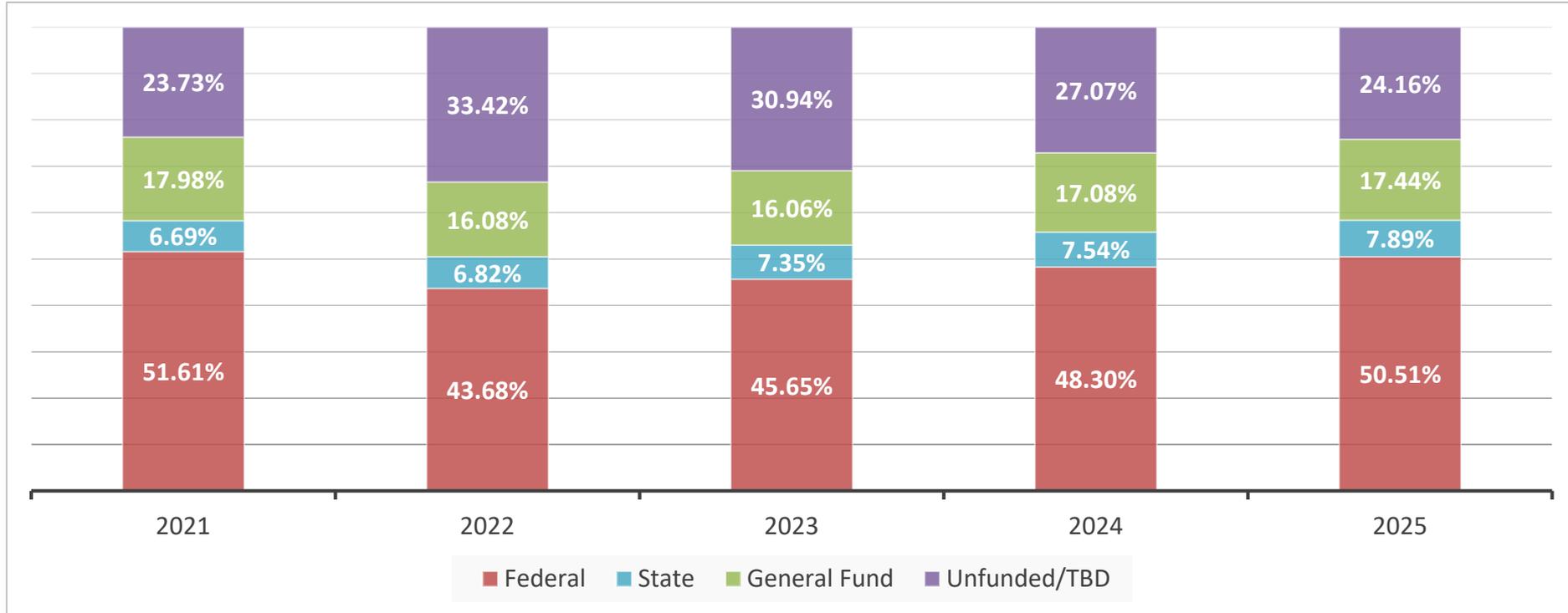
## 2021 - 2025 COMBINED CAPITAL IMPROVEMENT PLAN Combined Budget Authority

PROJECT CATEGORY	2021 Budget	2022 Plan	2023 Plan	2024 Plan	2025 Plan	2021-2025
Bus Garages	\$0	\$700,000	\$3,525,000	\$1,700,000	\$0	\$5,925,000
Bus Improvement Program	\$21,300,000	\$21,300,000	\$20,800,000	\$20,800,000	\$20,800,000	\$105,000,000
Equipment & Vehicles	\$4,923,246	\$5,530,180	\$3,393,984	\$3,272,000	\$3,313,540	\$20,432,950
Facilities Improvements	\$14,888,260	\$17,000,000	\$12,715,000	\$11,830,000	\$11,335,000	\$67,768,260
Other Projects	\$2,459,576	\$2,637,500	\$2,637,500	\$2,637,500	\$2,637,500	\$13,009,576
Preventive Maint./Oper. Reimb.	\$18,000,000	\$16,500,000	\$16,500,000	\$16,500,000	\$16,500,000	\$84,000,000
Rail Projects	\$20,903,670	\$26,217,500	\$21,682,500	\$21,742,500	\$25,450,000	\$115,996,170
Rail Car Replacement Program	\$31,250,000	\$31,250,000	\$31,250,000	\$31,250,000	\$25,000,000	\$150,000,000
Transit Centers	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
<b>TOTALS</b>	<b>\$114,024,752</b>	<b>\$121,435,180</b>	<b>\$112,803,984</b>	<b>\$110,032,000</b>	<b>\$105,336,040</b>	<b>\$563,631,956</b>

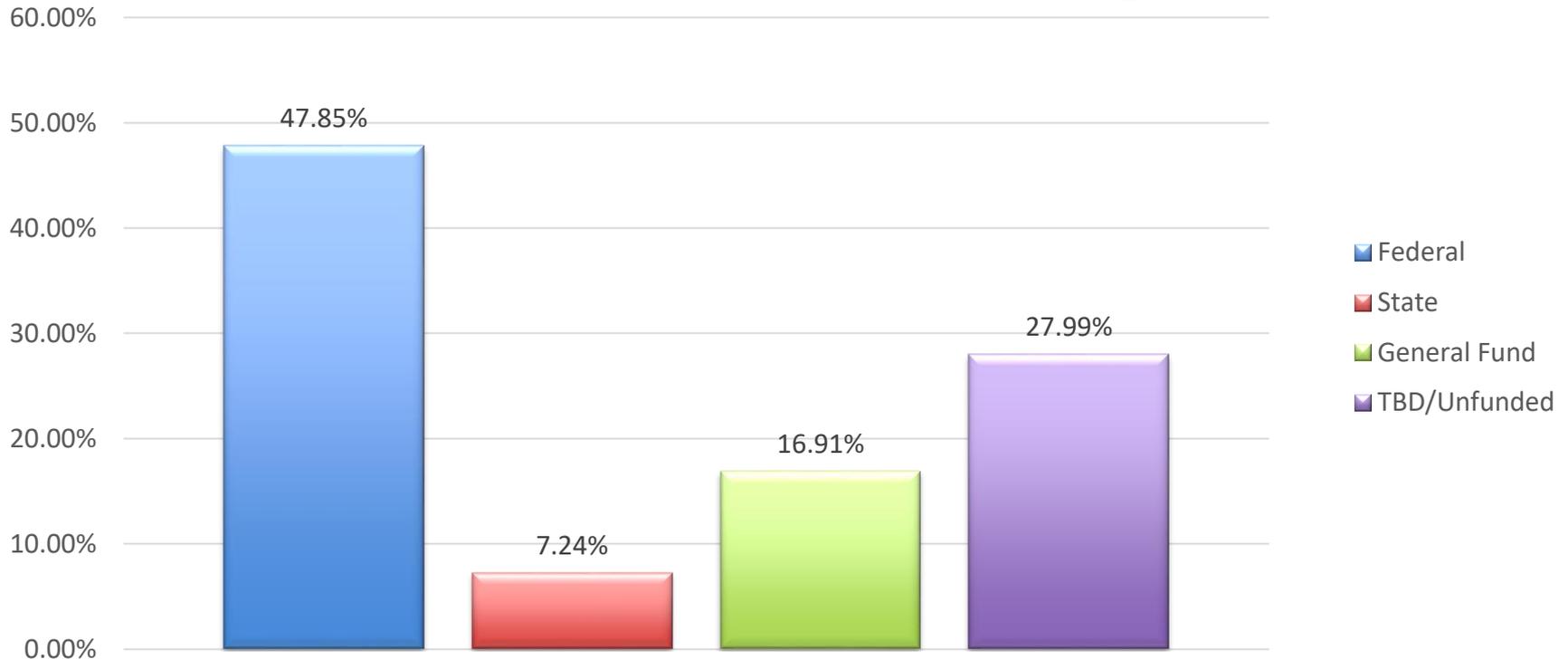
# Funding Sources

- Federal
  - Formula
  - Competitive
- General Fund Sales Tax
  - Cash
  - Bonds
- State

# Funding Sources by Year



# Five Year Plan – Funding Source



# Reserve Fund – Rolling Balances

## Reserve Fund Balance Analysis

	2019 Actual	2020 Estimate	2021 Proposed Budget	2022 Plan	2023 Plan
<b>Beginning Balance</b>	27,677,990	41,473,850	46,377,465	50,481,080	51,909,695
<b>Revenue</b>					
Investment Income	830,801	475,000	625,000	750,000	750,000
Transfer from GF for Compensated Absences	690,000	0	0	0	0
Transfer from GF for Fuel	0	0	0	0	0
Transfer from GF for Hospitalization	0	0	0	0	0
<b>Transfer from GF for Rolling Stock Reserve</b>	<b>11,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>
Transfer from GF for 27th Pay	1,275,059	878,615	878,615	878,615	878,615
Other Revenue	0	0	0	0	0
<b>Total Revenue</b>	<b>13,795,860</b>	<b>6,353,615</b>	<b>6,503,615</b>	<b>6,628,615</b>	<b>6,628,615</b>
<b>Total Resources</b>	<b>41,473,850</b>	<b>47,827,465</b>	<b>52,881,080</b>	<b>57,109,695</b>	<b>58,538,310</b>
<b>Expenditures</b>					
Transfer to General Fund (Compensated Absences)	0	0	0	0	0
Transfer to General Fund (Fuel)	0	0	0	0	0
Transfer to General Fund (Hospitalization)	0	0	0	0	0
<b>Transfer to RTA Development Fund (Rolling Stock)</b>	<b>0</b>	<b>0</b>	<b>2,400,000</b>	<b>5,200,000</b>	<b>5,200,000</b>
Transfer to General Fund (27th Pay - 2024)	0	1,450,000	0	0	0
<b>Total Expenditures</b>	<b>0</b>	<b>1,450,000</b>	<b>2,400,000</b>	<b>5,200,000</b>	<b>5,200,000</b>
<b>Ending Balance</b>	<b>41,473,850</b>	<b>46,377,465</b>	<b>50,481,080</b>	<b>51,909,695</b>	<b>53,338,310</b>
<b>Rolling Balances</b>					
<b>Compensated Absences</b>	3,663,991	3,705,954	3,755,897	3,811,699	3,866,771
<b>Fuel</b>	2,585,623	2,615,236	2,650,480	2,689,858	2,728,722
<b>Hospitalization</b>	2,647,055	2,677,372	2,713,453	2,753,767	2,793,554
<b>Rolling Stock</b>	<b>29,111,880</b>	<b>34,445,298</b>	<b>37,509,496</b>	<b>37,866,777</b>	<b>38,213,882</b>
<b>27th Pay: Salary: 2020 / Hourly 2025</b>	3,465,301	2,933,604	3,851,753	4,787,594	5,735,381
<b>Total</b>	<b>41,473,850</b>	<b>46,377,465</b>	<b>50,481,080</b>	<b>51,909,695</b>	<b>53,338,310</b>

# Engineering & Project Mgmt.



# 2021 Capital Budget Highlights

- 2020 Continuing Projects
- Bus Garages
- Rail Projects
- Facility Improvements
- Vehicle Improvement Program
- Competitive Grants
- Unfunded Projects

# 2020 Projects Continuing in 2021

- Design
  - West 117<sup>th</sup> Street Bridge and Platform
  - Waterfront Line Bridge Repairs
- Construction
  - Tower City Tracks 10 & 13
  - East 79<sup>th</sup> Street Station
  - Warrensville/Van Aken Substation
  - Triskett CNG Building Upgrades

# Bus Garages

- Design
  - None
- Construction
  - None

# Rail Projects

- Design
  - Light Rail Reconstruction – Phase 3
- Construction
  - Light Rail Track Reconstruction – Buckeye/Woodhill to Shaker Square
  - East 120<sup>th</sup> Substation Replacement
  - Overhead Catenary Repairs
  - Signal System Upgrades

# Facility Improvements

- Design
  - Light Rail Track Bridge over Conrail
  - HVAC System at Hayden
- Construction
  - Cuyahoga Viaduct Phase I
  - Hayden Roof Replacement

# Vehicle Improvement Program

- 2021 Bus Replacements
  - 10 Paratransit Vehicles
  - 8 – 60 ft. CNG 5-door BRT HealthLine Vehicles
- Rail Car Replacement Program
  - HRV Design Ongoing
  - 2021 HRV Contract for 2024 Delivery

# Unfunded CIP Needs

- \$401 M in unfunded projects
  - Rail Vehicles \$122M
  - Rail Facility & Infrastructure \$ 29M
  - Track Rehabilitation \$ 52M
  - Bus Improvements \$ 55M
  - Engineering, Passenger, Facilities \$ 61M
  - Technical Support – Hardware/Software \$ 53M
  - Bus/Rail Maintenance Facilities \$ 21M
  - Bridges, Stations, Equipment, Other \$ 8M

# Securing Additional Funding

- FTA formula grants provide a base funding level of approximately \$45 million per year.
- ODOT Office of Transit administers \$70 million of Ohio General Revenue Funding.
- Competitive grants at federal, state, and local level provide majority of funding beyond the base of \$45 million.

# Competitive Grant Awards in 2019

- Bus Improvement Program
  - \$16.6 million NOACA CMAQ SFY 2025
  - \$3.6 million ODOT UTP
  - \$0.6 million NOACA Section 5310
- Rail Car Replacement Program
  - \$9.6 million NOACA STBG SFY 2020
  - \$5.0 million ODOT OTP2
- Preventative Maintenance
  - \$6.0 million ODOT OTP2

# Upcoming Grant Submissions

- Bus Improvement Program
  - \$3.6 million ODOT UTP
  - \$0.6 million NOACA Section 5310
- Rail Car Replacement Program
  - \$15.0 million USDOT BUILD
  - \$50.0 million ODOT TRAC
  - \$5.0 million ODOT OTP2
- Light Rail Track Reconstruction
  - \$8.0 million ODOT OTP2

# Public Hearing

- Public Hearing
  - 2021 – 2025 Capital Improvement Program

# Request

- Staff requests that the Operational Planning & Infrastructure Committee recommend approval of the 2021 Capital Budget.

# Questions

