

# 2019 - 2023 Proposed Capital Improvement Plan (CIP)

Greater Cleveland Regional Transit  
Authority

May 1, 2018

Office of Management & Budget  
and

Engineering & Project Management

Greater Cleveland Regional Transit Authority



# Capital Budget Calendar

- December – Budget development begins
- January - March– Submission and prioritization of projects
- April– Finalize projects and funding
- May– Presentation of five year capital improvement plan to Committee and public hearing
- May – Adoption of the 2019 Capital Budget by the Board

# CIP Goals

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

# Funding Sources

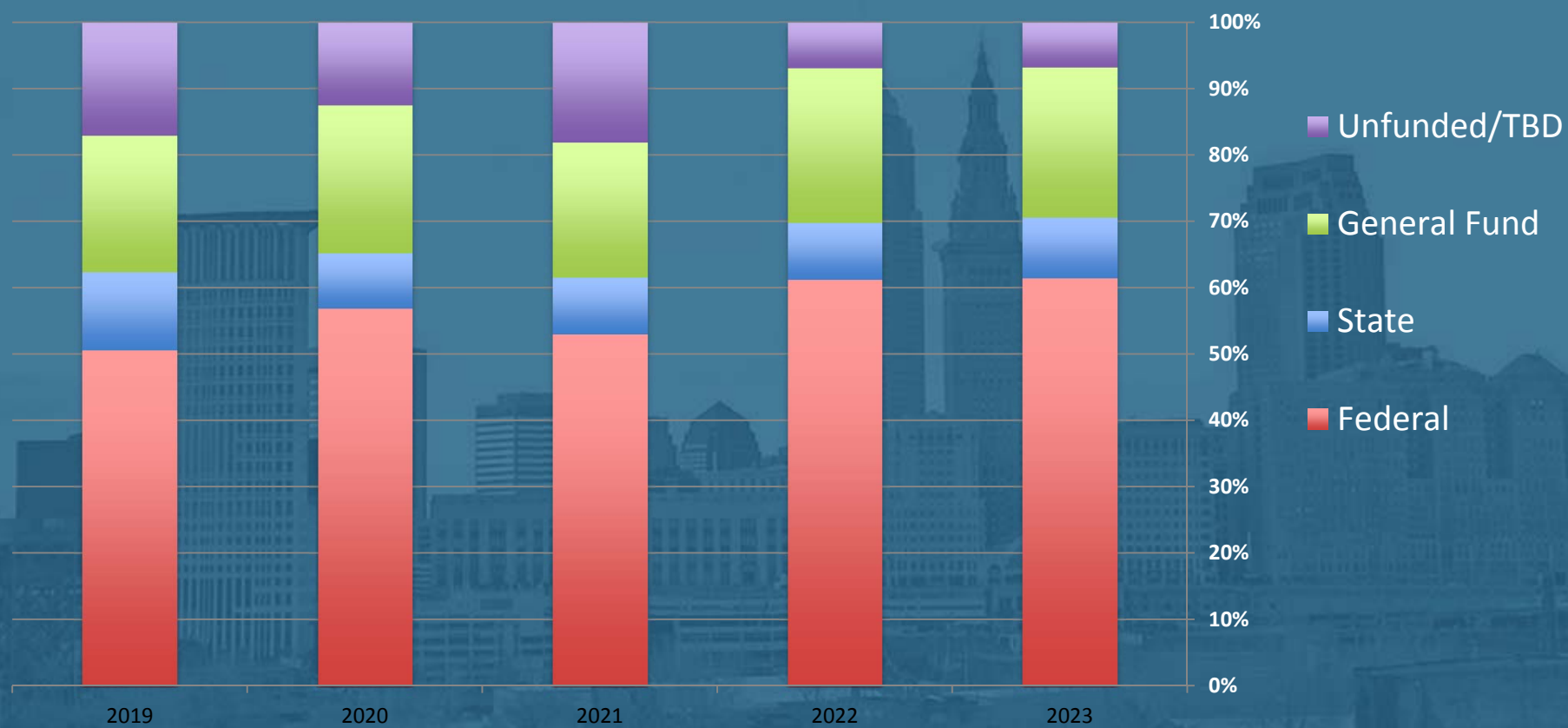
- Federal
  - Formula
  - Competitive
- General Fund Sales Tax
  - Cash
  - Bonds
- State

# Five Year Plan – Project Category

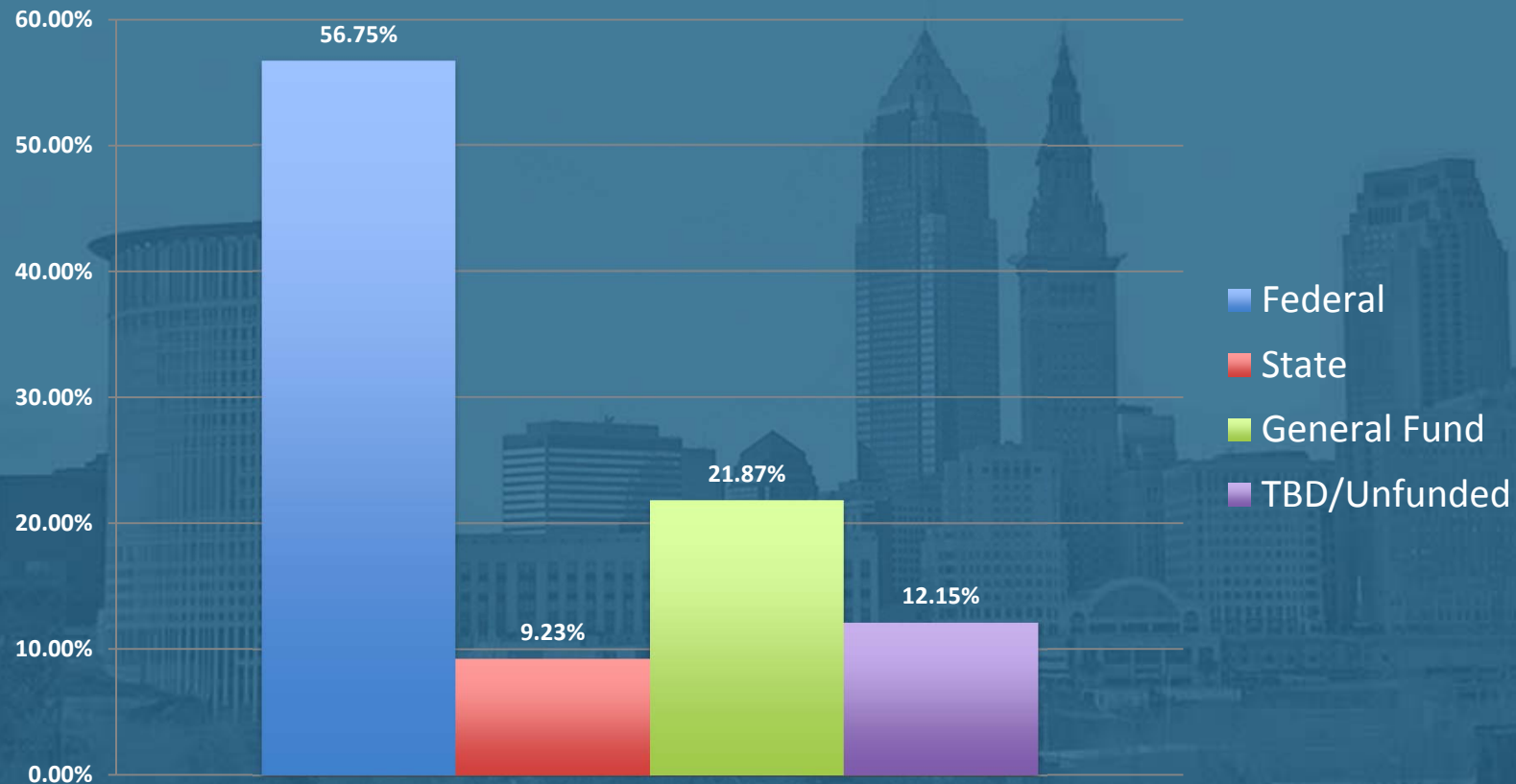
PROJECT CATEGORY						TOTAL	
	2019	2020	2021	2022	2023	2019-2023	%
Bus Related	\$17,375,749	\$18,220,836	\$18,151,331	\$18,266,327	\$17,388,016	\$89,402,258	24.37%
Equipment & Vehicles	\$1,469,500	\$1,397,800	\$1,708,000	\$1,566,500	\$1,511,500	\$7,653,300	2.09%
Facilities Improvements	\$4,926,861	\$14,786,855	\$12,169,206	\$14,924,287	\$13,003,002	\$59,810,211	16.31%
Preventive Maint./Oper. Reimb.	\$25,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$105,000,000	28.63%
Rail Projects	\$12,192,719	\$21,203,245	\$21,182,081	\$19,125,000	\$16,537,285	\$90,240,330	24.60%
Other	\$2,937,500	\$2,937,500	\$2,937,500	\$2,937,500	\$2,937,500	\$14,687,500	4.00%
Other includes – RTA Capital Fund, Enhanced ADA Access and Other Projects							
<b>TOTALS</b>	<b>\$63,902,328</b>	<b>\$78,546,236</b>	<b>\$76,148,118</b>	<b>\$76,819,614</b>	<b>\$71,377,303</b>	<b>\$366,793,599</b>	<b>100.00%</b>



# Funding Sources by Year



# Five Year Plan – Funding Source





# Issues & Challenges

- Needs > Financial Resources
  - \$540M in unfunded projects
- MCO Sales Tax Base
  - Financial Forecast
- Secure Alternative Funding for Projects



# East 34th Station



# East 34th Station



Greater Cleveland Regional Transit Authority



# Eng. & Proj. Mgmt. 2019 CIP Highlights

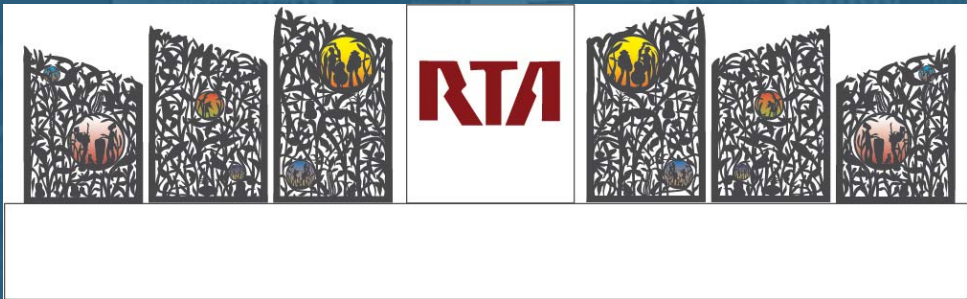
- 2018 Continuing Projects
- Bus Garages
- Rail Projects
- Facility Improvements
- Bus Improvement Program
- Competitive Grants
- Unfunded Projects



# 2018 Projects Continuing in 2019

- Design
  - Fiber Optic System (Rail)
  - Tower City East Portal Concrete Repairs
- Construction
  - East 116<sup>th</sup> Street Station ADA Rehabilitation
  - Tower City Tracks 10 & 13 Replacement
  - West 65<sup>th</sup>, Puritas and Warrensville Substations
  - Radio/CAD/AVL System Replacement

# East 116th Station



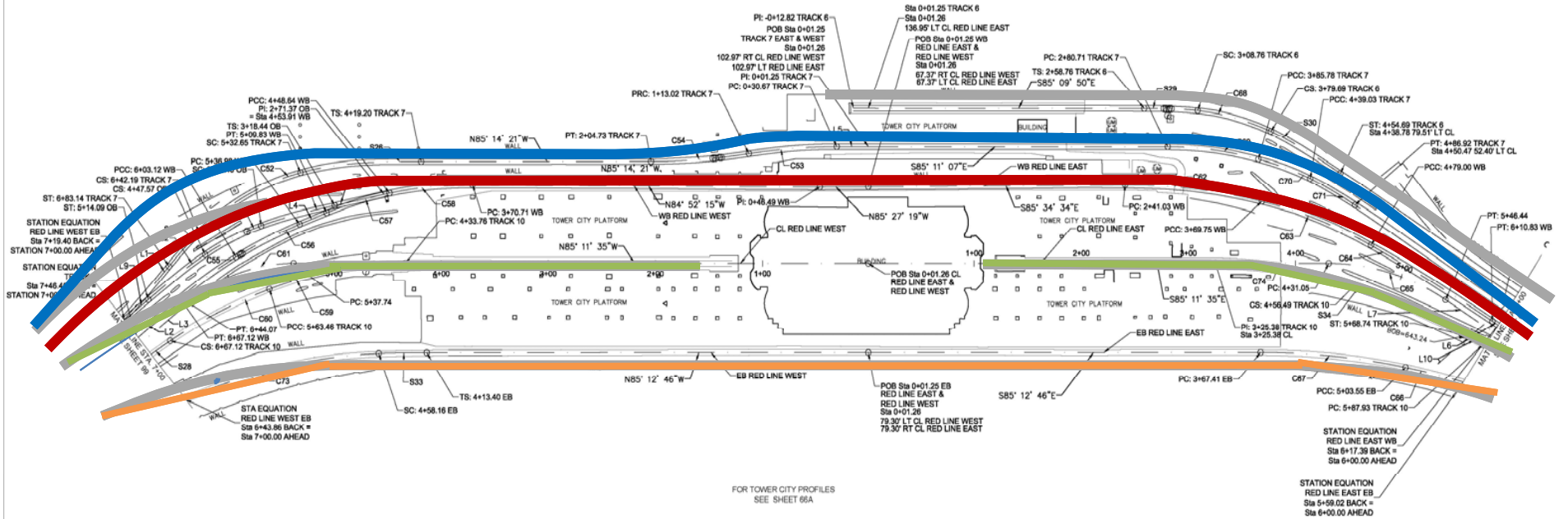
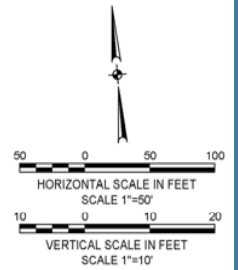
# Tower City Tracks

Phase 1

Phase 2

- Track 7
- Track 8

- Track 10
- Track 13



# Garage Projects

- Design
  - None
- Construction
  - Triskett Garage CNG Upgrades
  - Triskett Garage CNG Storage Facility



# Rail Projects

- Design
  - West 117<sup>th</sup> Substation Design
- Construction
  - Red Line Track Rehabilitation West Park to Puritas
  - East 79<sup>th</sup> to Shaker Square Wayside Signaling
  - Fiber Optic System Upgrades
  - Overhead Catenary Repairs

# Red Line Rehab. W. 117<sup>th</sup> to West Park



# Facility Improvements

- Design
  - Cuyahoga Viaduct Concrete & Drainage Repairs
  - West 117<sup>th</sup> Track Bridge Design
- Construction
  - East 116<sup>th</sup> Street Bridge over Light Rail

# Bus Improvement Program

- 2018/2019 Bus Replacements
  - 33 40 ft. CNG Vehicles for fall 2018 delivery
  - 9 45 ft. Over the Road Coaches for late 2019 delivery



# Competitive Grants Awarded

- Paratransit Vehicles
  - \$1.2 million NOACA 5310 awarded
- Radio /CAD/AVL System
  - \$5.8 million USDOT request awarded
  - \$0.7 million NOACA award pending
- 2021-2023 Bus Improvement Program
  - \$13.4 million CMAQ awarded for 2022 & 2023
- Triskett CNG Building Modifications
  - \$2.6 million FTA Bus & Bus Facilities

# Upcoming Grants Submissions

- 2021-2023 Bus Improvement Program
  - \$1.8 million ODOT UTP program
- Red Line West Rehabilitation Program
  - \$5.2 million ODOT OTPPP request
- Tower City Tracks 10 & 13
  - \$12.0 million Build Program
- Bus & Bus Facilities
  - \$3.0 million FTA Section 5339 Competitive

# Capital Program Unfunded Backlog

- Rail Car Replacement - \$300.0 million
- Bus Improvement Program - \$30.4 million
- Track Rehabilitation - \$31.9 million
- Station Reconstruction/Rehab - \$17.3 million
- Bridge Reconstruction/Rehab - \$14.1 million
- Facility Improvements - \$61.4 million
- Technical Support H & S - \$46.4 million



# Capital Program Unfunded Backlog

- Bus & Rail Mntn. Facilities - \$35.4 million
- Equipment - \$ 1.4 million
- Main Office Building - \$ 3.5 million
- Other - \$ 0.7 million
  
- Grand Total – \$542.6 million

# Public Hearing

- Public Hearing – Capital Budget

# Request from the Committee

- Request the 2019 Capital Budget for BOT approval on May 15th

# Questions

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