

2018 - 2022 Proposed Capital Improvement Plan (CIP)

Greater Cleveland Regional Transit
Authority

August 1, 2017

Office of Management & Budget
and

Engineering & Project Management

Greater Cleveland Regional Transit Authority



Capital Budget Calendar

- March – Budget development begins
- April – June – Submission and prioritization of projects
- July – Finalize projects and funding
- August – Presentation of five year capital improvement plan to Finance Committee and public hearing
- August – Adoption of the 2018 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

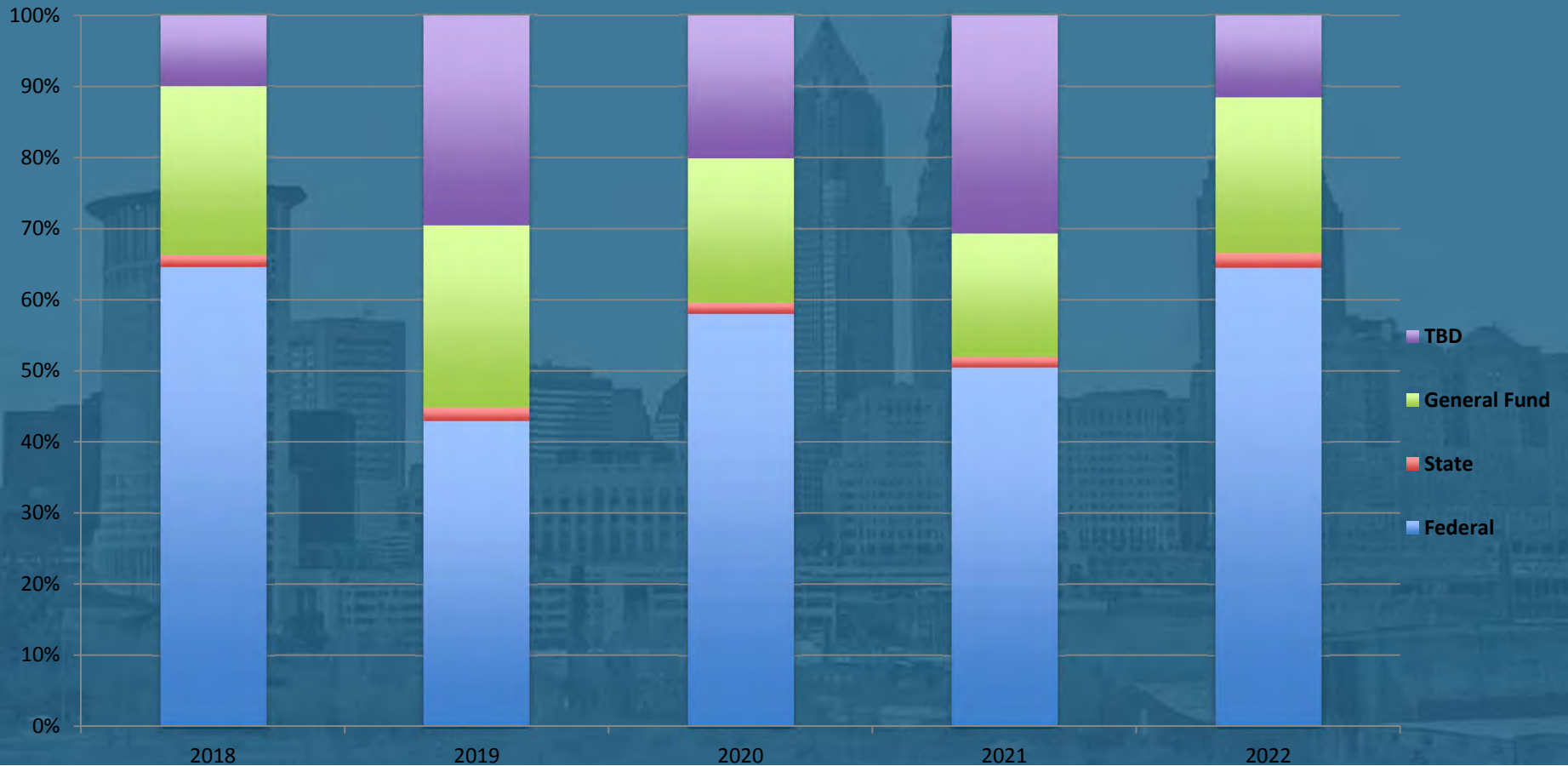
- Federal
 - Formula
 - Competitive
- General Fund Sales Tax
 - Cash
 - Bonds
- State

Five Year Plan – Project Category

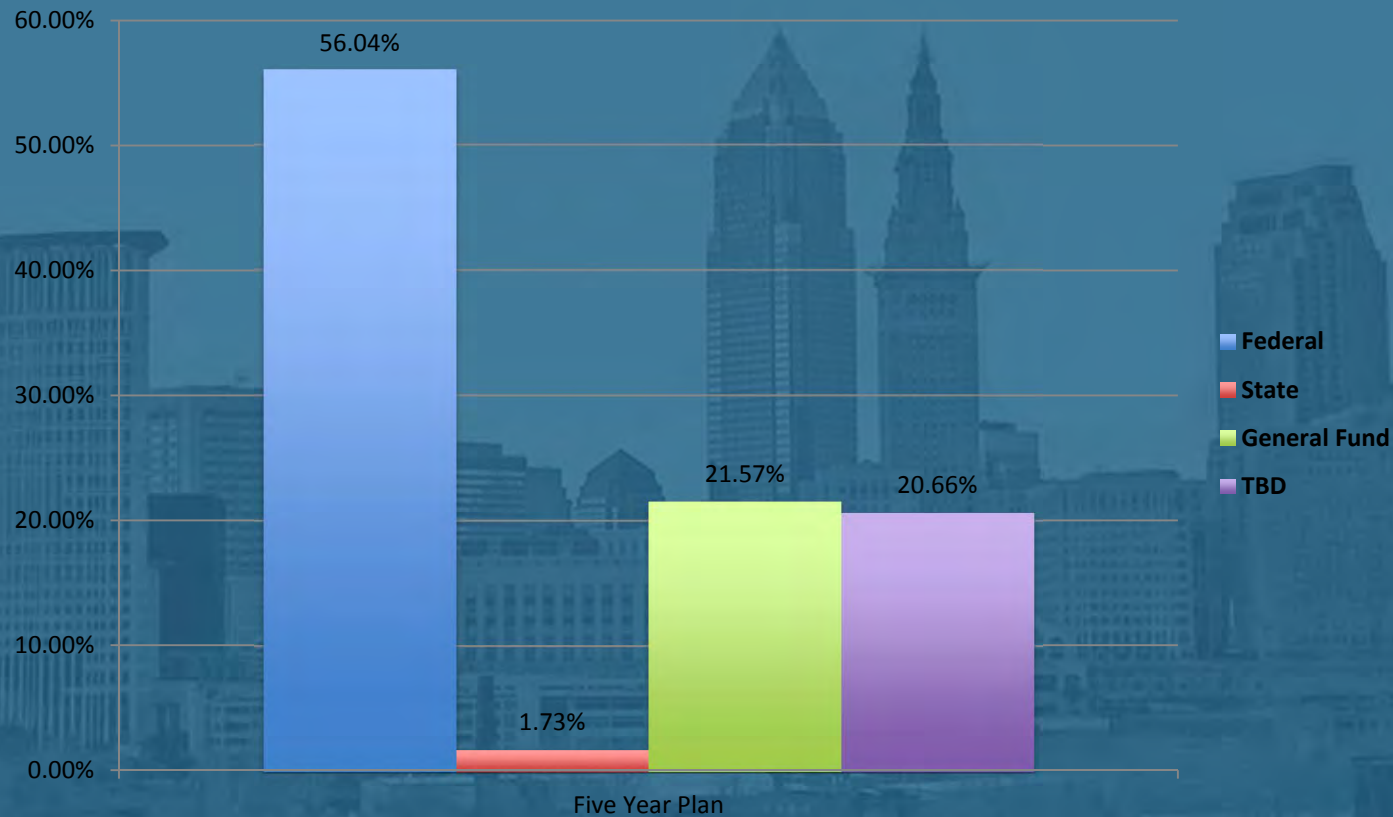
PROJECT CATEGORY						TOTAL	
	2018	2019	2020	2021	2022	2018-2022	%
Bus Related	\$13,453,643	\$20,186,275	\$30,438,135	\$37,920,154	\$12,365,750	\$114,363,957	28.56%
Equipment & Vehicles	\$6,715,176	\$7,286,332	\$4,472,419	\$3,500,000	\$4,500,000	\$26,473,927	6.61%
Facilities Improvements	\$160,000	\$12,691,861	\$7,936,000	\$5,210,456	\$7,531,287	\$33,529,604	8.37%
Preventive Maint./Oper. Reimb.	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$100,000,000	24.97%
Rail Projects	\$37,535,127	\$7,415,719	\$18,402,868	\$17,707,081	\$15,650,000	\$96,710,795	24.15%
Other	\$6,144,418	\$5,948,250	\$5,981,550	\$5,682,250	\$5,660,250	\$29,416,718	7.35%
Other includes – RTA Capital Fund, Enhanced ADA Access and Other Projects							
TOTALS	\$84,008,364	\$73,528,437	\$87,230,972	\$90,019,941	\$65,707,287	\$400,495,001	100.00%



Five Year Plan – Funding Sources



Five Year Plan – Funding Source



Issues & Challenges

- Needs > Financial Resources
 - \$523M in unfunded projects
- Secure Alternative Funding for Projects
- MCO Sales Tax Base
 - Financial Forecast

Eng. & Proj. Mgmt. 2018 CIP Highlights

- 2017 Continuing Projects
- Bus Garages
- Rail Projects
- Facility Improvements
- Bus Improvement Program
- Competitive grants
- Unfunded Projects

Brookpark Station



Greater Cleveland Regional Transit Authority



Red Line Rehab. W. 30th to W. 98th

Signal Improvements



Red Line Rehab. W. 30th to W. 98th W. 82nd Street Drainage Improvements



Light Rail Grade Crossings



2017 Projects Continuing in 2018

- Design
 - Tower City Tracks 10 & 13 Replacement
 - Fiber Optic System (Rail)
- Construction
 - East 34th Street Station ADA Rehabilitation
 - West 65th Street Substation

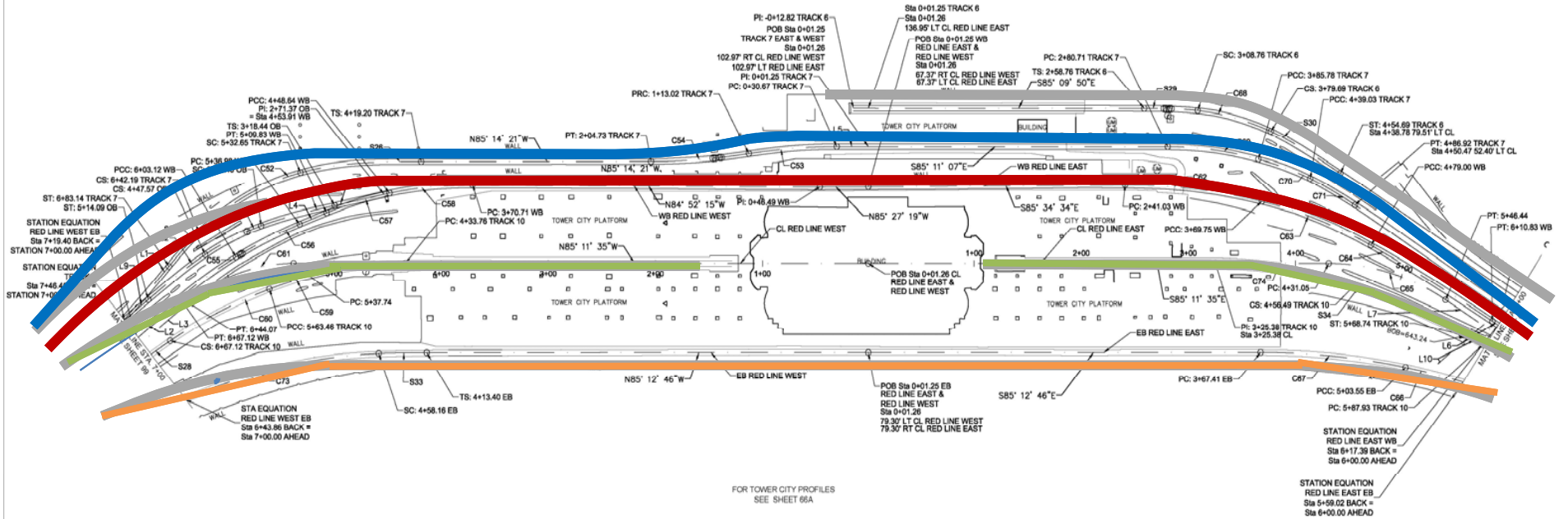
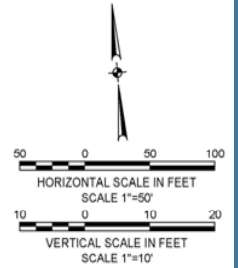
Tower City Tracks

Phase 1

Phase 2

- Track 7
- Track 8

- Track 10
- Track 13



East 34th Station



Greater Cleveland Regional Transit Authority



Garage Projects

- Design
 - None
- Construction
 - Triskett Garage CNG Upgrades

Rail Projects

- Design
 - Rail Signal System Evaluation
 - East 79th Street Station (Red Line)
- Construction
 - Farnsleigh Station ADA Rehabilitation
 - CRMF – Track 3 Rehabilitation
 - Puritas and Warrensville Substations
 - Warrensville/Van Aken Station and Track Rehab

Rail Projects (con't)

- Construction
 - East 79th to Shaker Square Wayside Signaling
 - SCADA System Upgrade
 - Fiber Optic System Upgrades
 - West 25th/Ohio City Transformer/Rectifier Repl.

Facility Improvements

- Design
 - Bridge Inspection Program
 - Tower City East Portal Concrete Repairs
- Construction
 - Cuyahoga Viaduct Concrete & Drainage Repairs

Bus Improvement Program

- 2017/2018 Bus Replacements
 - 29 40 ft. Diesel Vehicles for late 2017 delivery
 - 17 40 ft. CNG Vehicles for late 2018 delivery
 - 30 Paratransit Vehicles for late 2017/early 2018 delivery

Competitive Grants Submitted

- Paratransit Vehicles
 - \$1.2 million NOACA 5310 Awarded
- Radio /CAD/AVL System
 - \$5.8 million USDOT request submitted
- 2021-2023 Bus Improvement Program
 - \$37.6 million CMAQ and other requests
- Triskett CNG Fueling Station
 - \$3.2 million FTA Low/No Emission Program

Upcoming Grants Submissions

- 2021-2023 Bus Improvement Program
 - \$1.8 million ODOT UTP program
- Red Line West Rehabilitation Program
 - \$5.0 million ODOT OTPPP request
- Triskett Garage CNG Upgrades
 - \$6.0 million FTA Bus Facilities
- Tower City Tracks 10 & 13
 - \$12.0 million TIGER Program

Capital Program Unfunded Backlog

- Rail Car Replacement - \$280.0 million
- Bus Improvement Program - \$72.6 million
- Track Rehabilitation - \$57.8 million
- Station Reconstruction/Rehab - \$24.2 million
- Bridge Reconstruction/Rehab - \$28.1 million
- Rail Signal System – \$18.3 million

Capital Program Unfunded Backlog

- Technical Support H & S - \$18.0 million
- Bus & Rail Mntn. Facilities - \$19.3 million
- Equipment - \$ 4.2 million
- Other - \$ 0.5 million

- Grand Total – \$522.9 million

Public Hearing

- Public Hearing – Capital Budget

Request from Finance Committee

- Request the 2018 Capital Budget for BOT approval on August 15th

Questions

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