

# 2015-19 PROPOSED CAPITAL IMPROVEMENT PLAN

Greater Cleveland Regional Transit  
Authority

August 5, 2014

Office of Management & Budget  
and  
Engineering & Project Management

# 2015 - 19 CAPITAL IMPROVEMENT PLAN (CIP) CALENDAR

- CIP Development Kickoff March 11
- CPWG Prioritized Requests June 03
- CPOC Finalized CIP Funding July 18
- Finance Committee-Presentation Aug. 5
- Public Hearing Aug. 5
- Board Meeting - Adopt 2015 CIP Aug. 19
- TIP/STIP Revisions Submission Sept. 1

# 2015 - 19 CIP GOALS

- Prioritize Requested Projects to Address Needed Capital Improvements
  - Capital Project Ranking Criteria
    - Health and Safety
    - Government Mandates
    - State of Good Repair
    - Ridership
    - Operating Budget Impact
    - Environmental Impact
    - Transit Oriented Development

# 2015 - 19 CIP GOALS

- CIP Budget in Support of Expected Funding
- Align TIP/STIP Process w/ Federal Fiscal Year
- Complete ADA Key Stations On-Schedule
- Support Bus Replacements Program
- Focus on State of Good Repair Projects (SOGR)

# 2015 PROPOSED CAPITAL BUDGET

- Combined Budget Authority - \$75.9 M
  - RTA Development Fund - \$72.1 M
    - Large Grant and Locally Funded Projects
  - RTA Capital Fund - \$3.8 M
    - Asset Maintenance - \$1.7 M
    - Routine Capital - \$2.1 M
    - Sales & Use Tax Funded

# 2015 GRANT FUNDED PROJECTS

- Brookpark Station - \$12.3 M
- Replacement Buses - \$10.8 M
- Bus Spare Parts Program - \$2.1 M
- Operating Expense Reimbursements
  - Preventive Maintenance - \$17.5 M
  - ADA Operating Expenses - \$3.1 M
- Tower City Track 7 & 8 - \$7.0 M
- Fare Collection Lease - \$2.4 M



# DEBT FUNDED PROJECTS

- Hayden CNG Fueling Station (2015)
  - Depends upon availability of CMAQ Funds
- CNG Building Compliance
  - Hayden Garage (2015)
  - Central Bus Maintenance Facility (2015)
  - Triskett Garage (2016)
- Triskett CNG Fueling Station (2016)
- Tower City Escalators (2015)

# 2015 - 19 CIP (Out-Years)

- ADA Key Station Program
- Bus Replacement Program
  - 2016-19 Average 35 40' Buses/Year
  - 2016-19 60 Paratransit Buses
  - 2016-18 23 Trolley Buses
- State of Good Repair Programs
  - Light Rail Crossing Improvements
  - Substation Rehabilitations
  - Track & Rail Infrastructure Rehabilitation
  - Non-Revenue Vehicle Replacement Program
- RTA Capital Fund



# CIP ISSUES & CHALLENGES

- Operating Budget Reimbursements
  - Preventive Maintenance – Formula Award
  - ADA Operating Expenses – Non-Formula
- Current Transportation Bill
  - Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21)
  - Short-Term – Extended to May 2015 at current funding levels
  - Eliminated Funding for Work Access Program
  - Focuses on SOGR Projects
  - Transit Asset Management Requirements

# CIP ISSUES & CHALLENGES

- Secure Bus Replacements Funding
- Declining Debt Service Ratio
  - Decreasing General Fund (GF) Balances
  - Reduces ability to support additional debt
- Identify Alternative Funding Sources and Compete for Non-Formula Awards
- Identify \$240 M for Replacement Rail Cars (2025)

# CIP ISSUES & CHALLENGES

- Unfunded Projects (\$72.4 M)
  - \$ 8.0 M - Tower City Track 13
  - \$ 7.8 M - Fiber Optic Replacement
  - \$10.1 M - Radio System Replacement
  - \$12.2 M - CAD/AVL Replacement
  - \$16.0 M - Reconstruct E. 79th St. HR Station
  - \$ 8.0 M - Light Rail Trunk Line Signals
  - \$10.3 M - Replace Light Rail Block Signals

# Eng. & Proj. Mgmt. 2015 CIP Highlights

- 2014 Continuing Projects
- Rail Projects
- Bus Garages
- Transit Centers
- Facility Improvements
- Equipment Projects
- Projects Seeking Funding in 2015

# 2014 Continuing Projects

- Design
  - Nine Light Rail Grade Crossings
  - East 116<sup>th</sup> Street Station ADA Rehabilitation
- Construction
  - Little Italy – University Circle Station
  - Lee Van Aken Station ADA Rehabilitation
  - Warrensville (Blue) Station ADA Rehabilitation
  - CNG Facility System - Hayden

# Lee Van Aken Station





# Rail Projects

- Design
  - Light Rail Retaining Wall Rehabilitation
  - Lee Shaker (Blue) Station ADA Rehabilitation
  - Puritas Substation Replacement
  - East 34<sup>th</sup> Street Station ADA Rehabilitation

# Rail Projects

- Construction
  - Tower City Tracks 7 and 8
  - Red Line Tracks at West 117<sup>th</sup> Street
  - Sectionalize Tower City Catenary System
  - Brookpark Station ADA Rehabilitation
  - Lee-Shaker Blvd Station ADA Rehabilitation
  - Substation Transformer and Rectifier Replacement

# Brookpark Station



BIALOSKY + PARTNERS  
ARCHITECTS

GCRTA BROOKPARK RAPID STATION

Perspectives  
March 7, 2011 2

# Transit Centers

- Design
  - None
- Construction
  - None

# Facility Improvements

- Design
  - Evaluation of Red Line Bridge over Lorain
  - Evaluation of Central Viaduct Truss Bridge
- Construction
  - East 81<sup>st</sup> & East 83<sup>rd</sup> Street Track Bridge Rehab.
  - East Blvd Track Bridge Rehab.
  - Central Rail Wash Rack & Transfer Table Tracks

# Equipment Projects

- Purchase & Construction
  - Two lifts at Paratransit
  - HRV Microprocessor Replacement
  - Hybrid DPIM Replacement
  - Hybrid ESS Battery Pack Replacement
  - Hayden CNG Building Compliance Upgrades
  - Tower City Escalators



# Projects Seeking Funding

- Brookpark Station - \$10.0 million TIGER 6
- 2015-2017 Bus Improvement Program
  - \$33.4 million CMAQ request
  - \$2.9 million FTA competitive grant
- 2018-2020 Bus Improvement Program
  - \$48.0 million CMAQ request
- Hayden CNG Facility - \$4.0 million CMAQ request

# Bus Improvement Program

- 2015 Bus replacements
  - 60 40 ft. CNG Vehicles for March 2015 delivery
  - 30 40 ft. CNG Vehicles for December 2015 delivery
  - 6 Trolley Vehicles for December 2015 delivery

# Questions & Answers

Greater Cleveland Regional Transit Authority

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&

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