

# CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM

Planning and Programming Committee

July 12, 2019

# ACTION REQUESTED

Recommend this item to the Executive Committee for placement on the September 2019 Board of Directors' agenda:

- Recommends the regional priority of projects to be implemented in SFY2024-2025 with Congestion Mitigation and Air Quality (CMAQ) program funds

## PREVIOUS ACTION

- Applications presented to the Air Quality Subcommittee and the Transportation Subcommittee



# BACKGROUND

## Purpose of the CMAQ program

- Advance transportation projects or programs that will contribute to attainment or maintenance of the National Ambient Air Quality Standards (NAAQS) for Ozone (O<sub>3</sub>), Carbon Monoxide (CO), and Particulate Matter (both PM<sub>10</sub> and PM<sub>2.5</sub>).

## Goals

- Improve Air Quality
- Relieve Congestion



# BACKGROUND

## Eligible Project Types

- Regional Rideshare/Vanpool Programs
- Congestion Reduction, Traffic Flow Improvements & Intelligent Transportation Systems
- Transit Vehicle Replacement
- Freight/Intermodal Including Diesel Engine Retrofits
- Public Education and Outreach
- Transit Service Upgrades
- Bicycle/Pedestrian
- Alternative Fuels and Vehicles – Non-Transit
- Employer-Based Programs
- Travel Demand Management
- Modal Subsidies and Vouchers
- Transit Facility Upgrades
- Other Transportation Control Measures

# BACKGROUND

## Project Evaluation:

- Projects evaluated in accordance with the Statewide CMAQ Policy and criteria
- Regional Priority is the only criteria NOACA has the ability to control; the assignment of points to four projects (10, 7, 4 and 2)
- Previously, the Planning and Programming Committee and the Board have Directed these points to be applied strategically by staff to maximize CMAQ funding to the region



# BACKGROUND

## Statewide Project Evaluation Criteria:

### 100 Total Points

1. Project Type (10):
  - Recognized project types with proven emissions reducing benefits
2. Cost Effectiveness (20);
  - Project's ability to reduce emissions per CMAQ dollar invested
3. Other Benefits (10):
  - Benefits Safety, Freight, Fixed Route Transit, Bike/Ped, and EJ Areas
4. Existing Modal Quality of Service (LOS/QOS) (15):
  - Existing level of service facility currently operating
5. Positive Impact on QOS/LOS (15)
  - Projected level of service facility will operate at post project

# BACKGROUND

## Statewide Project Evaluation Criteria

### 100 Total Points (cont.)

#### 6. Status of Project (10):

- Project readiness, status of project development

#### 7. Non-Federal Match of Requested CMAQ Funds (10):

- Significance of non-CMAQ funding contribution

#### 8. Regional Priority (10):

- MPO priority points given up to four project submittals at 10,7,4, and 2

#### 9. Past Project Delivery (-10):

- Past delivery performance of the project sponsor

# BACKGROUND

- **Regional Priority is the only criteria NOACA has the ability to control - assignment of points to four projects (10, 7, 4 and 2)**
- **As previously directed, these points have been applied strategically by staff to maximize CMAQ funding to the region**
  - Not consider projects that already score well
  - Greatest regional impact
  - Promotes multimodal transportation system and choice



# BACKGROUND

- **As such, staff recommends points to the following projects:**
  - Regional Electric Vehicle Charging Stations (10 points)
  - GCRTA Blue/Green Rail Line Shelter Improvements (7 points)
  - SOM Center Rd. Multi-Purpose Facility, Willoughby (4 points)
  - Richmond Rd. Multi-Purpose Facility, Bedford Heights (2 points)

# 2019 CMAQ PROJECT APPLICATIONS

County	Sponsor Agency	Project Name and Description	Primary Project Type	Total Cost	Total CMAQ \$ Requested*
CUY	BEDFORD HEIGHTS	RICHMOND ROAD MULTI-PURPOSE TRAIL	Bicycle	\$ 634,440	\$634,440
CUY	CLEVELAND METROPARKS	WEST CREEK GREENWAY	Bicycle	\$ 1,800,000	\$1,422,000
CUY	GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY	GCRTA 2024-2025 BUS REPLACEMENT PROGRAM	Vehicle Replacement	\$ 20,750,000	\$16,600,000
CUY	GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY	BLUE AND GREEN RAIL LINE SHELTER IMPROVEMENTS	Transit Facility Upgrade	\$ 2,000,000	\$1,600,000
CUY	GLENWILLOW	BROADWAY-RICHMOND INTERSECTION RECONSTRUCTION PROJECT	Roadway/Signals	\$ 1,711,610	\$1,369,288
GEA	CHARDON	CITY OF CHARDON TRAFFIC SIGNAL UPDATE	Roadway/Signals	\$ 1,627,340	\$741,170
LAK	LAKETRAN	LAKETRAN VEHICLE REPLACEMENTS	Vehicle Replacement	\$ 4,760,000	\$3,808,000
LAK	WILLOUGHBY	SR 91-SOM CENTER ROAD MULTI-PURPOSE TRAIL	Bicycle	\$ 2,537,879	\$1,845,730
LOR	LORAIN CO METROPARKS	SHEFFIELD VILLAGE CONNECTOR	Bicycle	\$ 500,000	\$400,000
REG	NOACA	ELECTRIC VEHICLE CHARGING STATIONS	Alternate Fuel	\$ 3,000,000	\$3,000,000

**TOTAL**

**\$ 39,321,269 \$31,420,628**

# 2019 CMAQ PROJECT RECOMMENDATIONS

County	Sponsor Agency	Project Name and Description	Primary Project Type	Total Cost	Total CMAQ \$ Requested*
CUY	GCRTA	GCRTA 2024-2025 BUS REPLACEMENT PROGRAM	Transit	\$20,750,000	\$16,600,000
LAK	LAKETRAN	LAKETRAN VEHICLE REPLACEMENTS	Transit	\$4,760,000	\$3,808,000
CUY	GCRTA	BLUE AND GREEN RAIL LINE SHELTER IMPROVEMENTS	Transit Facility Upgrade	\$2,000,000	\$1,600,000
REG	NOACA	ELECTRIC VEHICLE CHARGING STATIONS	Alternative Vehicles	\$3,000,000	\$3,000,000
CUY	BEDFORD	RICHMOND ROAD MULTI-PURPOSE FACILITY	Bicycle	\$634,440	\$634,440
LAK	WILLOUGHBY	SR 91-SOM CENTER ROAD MULTI-PURPOSE FACILITY	Bicycle	\$2,537,879	\$1,845,730
CUY	GLENWILLOW	BROADWAY-RICHMOND INTERSECTION RECONSTRUCTION PROJECT	Intersection Improvement	\$1,711,610	\$1,369,288
<b>RECOMMENDED TOTAL</b>				<b>\$ 35,393,929</b>	<b>\$28,857,458</b>



# 2019 CMAQ PROJECTS NOT RECOMMENDED

County	Sponsor Agency	Project Name and Description	Primary Project Type	Total Cost	Total CMAQ \$ Requested*
LOR	LORAIN COUNTY METRO PARKS	SHEFFIELD VILLAGE CONNECTOR	Bicycle	\$ 500,000	\$ 400,000
GEA	CHARDON	CITY OF CHARDON TRAFFIC SIGNAL UPGRADE	Signal	\$ 1,800,000	\$1,422,000
CUY	CLEVELAND METROPARKS	WEST CREEK GREENWAY	Bicycle	\$ 20,750,000	\$16,600,000

**RECOMMENDED TOTAL**

**\$3,927,340**

**\$2,563,170**

# FINANCIAL IMPACTS

Projects selected for the region will establish the initial CMAQ budgets for SFYs 2024-2025.

# NEXT STEPS

- **Upon Board approval, projects will be submitted to the Statewide CMAQ Program Committee for evaluation against other statewide projects in October 2019**
- **The Statewide CMAQ Program Committee will then submit project recommendations to the OARC Executive Directors for final approval at their November 2019 meeting**



# ACTION

Recommend this item to the Executive Committee for placement on the September 2019 Board of Directors' agenda:

- Recommended projects for submission and the assignment of Regional Priority Points as required under Statewide CMAQ policy



Motion  
Second  
Discussion  
Put the Question



**NORTHEAST  
OHIO**

Lake  
Geauga  
Cuyahoga  
Lorain  
Medina

**AREAWIDE  
COORDINATING  
AGENCY**

**NOACA: Planning For Greater Cleveland**

NOACA will **STRENGTHEN** regional cohesion, **PRESERVE** existing infrastructure, and **BUILD** a sustainable multimodal transportation system to **SUPPORT** economic development and **ENHANCE** quality of life in Northeast Ohio.

