



NORTHEAST OHIO AREA WIDE COORDINATING AGENCY

MEMORANDUM

TO: NOACA Board of Directors

FROM: Grace Gallucci, Executive Director

DATE: September 1, 2017

RE: **Resolution 2017-038: Statewide Congestion Mitigation Air Quality (CMAQ) Applications**

ACTION REQUESTED

The Board of Directors is asked to approve the slate of recommended projects for submission and the assignment of Regional Priority Points as required under the statewide CMAQ policy. Staff presented the project applications for information to the NOACA Air Quality Subcommittee and Transportation Subcommittee at their respective meetings in June 2017, and for recommendation of an approach for the assignment of regional priority points to the Planning and Programming Committee at their July 2017 meeting.

BACKGROUND/JUSTIFICATION FOR CURRENT ACTION

In November 2012, the statewide CMAQ program replaced the individual programs historically administered by the eight largest MPOs. These MPOs represent the greater regions Akron, Canton Cincinnati, Cleveland, Columbus, Dayton, Toledo, and Youngstown. The CMAQ program provides funding for transportation projects and programs to reduce congestion and improve air quality for areas that do not meet National Ambient Air Quality Standards for ozone, carbon monoxide, or particulate matter. Approximately \$145 million is available statewide for SFYs 2022-2023, of which NOACA expects to receive approximately \$43 million based on further changes to the statewide program that reverts back to the historical allocations.

NOACA announced the solicitation for new projects in April 2017 and applications were due May 2017. NOACA received 24 applications totaling over \$150 million. NOACA staff has completed evaluation and scoring of each CMAQ application in accordance with the statewide program policy project scoring criteria. The criterion includes:

1. Project Type (10 points)
2. Cost Effectiveness (20 points)
3. Other Benefits (10 points)
4. Existing Level of Service (15 points)
5. Positive Impact on Level of Service (15 points)
6. Status of Project (10 points)
7. Non-Federal Match Commitments (10 points)

8. Regional Priority (10, 7, 4, 2 points based on top four project priorities)
9. History of Project Delivery (up to -10 points) (Not applicable this funding round)

Criteria # 8, Regional Priority, is the only one in which NOACA has the ability to control the assignment of points. Therefore, staff requested the Planning and Programming Committee at its July 14, 2017 meeting to recommend an approach for the assignment of these points to four projects (10, 7, 4, and 2). The Committee recommended that points be applied strategically by staff to maximize CMAQ funding to the region.

Based on that direction, staff is recommending that the bonus points be assigned to projects that provide the greatest, furthest reaching benefits to the region's air quality and multimodal transportation system. It would not be effective to assign bonus points to projects that would already score well, for example bus replacements. In accordance with this approach, our preliminary analysis demonstrates that bonus points would be assigned to the following four projects:

- 10 points – MIDWAY – SUPERIOR CORRIDOR
- 7 points – EAST 93RD AND 105TH MODAL
- 4 points – BLACK RIVER TRAIL EXTENSION PHASE 3C
- 2 points – BULK TERMINAL TUNNEL EXTENSION

Proposed regional priority bonus points have been incorporated into the preliminary draft evaluation scores for all projects. A summary of the applications received with preliminary draft evaluation scores is attached to this memo.

FINANCIAL IMPACT

There is no direct financial impact to NOACA at this time, but the scoring approach will give an advantage to four projects in the quest for funding. In October 2017, a total of approximately \$43 million for transportation projects that improve air quality and reduce congestion will be approved by the Statewide CMAQ Committee.

CONCLUSION/NEXT STEPS

With Board with approval, staff will submit scored applications to the Statewide CMAQ Program Committee for evaluation in September 2017 with approvals expected in October 2017.

Attached: 2017 Statewide CMAQ Applications

GG/rl/2971b

Attachment 1: 2017 Statewide CMAQ Applications

9/1/2017

PRELIMINARY DRAFT SCORES WITH REGIONAL PRIORITY POINTS ASSIGNED

County	Sponsor Agency	Project Name and Description	Project Category	Total Points	Total Project Cost	Total CMAQ \$ Requested*
Recommended for Submittal to Statewide CMAQ Committee						
CUY	CLEVELAND	MIDWAY - SUPERIOR CORRIDOR Separated bicycle facility and enhancements along center of Superior Avenue, from East Roadway to E.55th Street	Bike	73	\$ 16,736,352	\$13,389,082
CUY	CLEVELAND	EAST 93RD AND 105TH MODAL Complete Street includes roadway enhancements (roadway width changes, turn lanes, sidewalk bump-outs, bike lanes, on-street parking changes and traffic management improvements), Bicycle and Pedestrian Enhancements, and Transit Enhancements	Transit	68	\$ 51,968,000	\$40,832,000
CUY	GCRTA	GCRTA 2021-2023 VEHICLES Replacement of 63 Series 2600/2800 NABI 40' buses with Gillig CNG buses	Transit	67	\$ 59,480,500	\$37,615,085
CUY	MAYFIELD HEIGHTS	LANDER ROAD ROUNDABOUT Install a roundabout on Lander Road at Parkland Boulevard and Landerbrook Drive	Intersection	66	\$ 1,422,826	\$1,138,261
CUY	CLEVELAND	LORAIN AVE CYCLE TRACK Construct a cycle track and other enhancements on Lorain Avenue from W. 20th to W. 65th Streets	Bike	65	\$ 7,648,490	\$6,118,792
LAK	LAKETRAN	LAKETRAN 2022-2023 BUSES Replace light transit vehicles and over the road coaches with propane, electric, and clean diesel vehicles	Transit	65	\$ 24,231,546	\$19,385,237
CUY	STRONGSVILLE	SR82/ SR42 SIGNALS Replace signals at 4 intersections and upgrade signals at 37 intersections along Pearl Road (US-42) and Royalton Road (SR-82)	Signal	61	\$ 4,266,032	\$2,559,619
LOR	LORAIN CO METROPARKS	BLACK RIVER TRAIL EX PH 3C Completion of the Black River Trail Extension and connection to Lake Erie	Bike	61	\$ 1,495,200	\$1,088,960
CUY	CLE-CUY PORT AUTHORITY	BULK TERMINAL TUNNEL EXT Extend the existing conveyance tunnel an additional 200' and perform electrical upgrades on site that will provide power to specific locations of the facility	Freight	57	\$ 5,900,000	\$4,720,000
LOR	LORAIN CO METROPARKS	BLACK RIVER TRAIL EX PH 4C Construct multiuse bridge over the Black River in Cascade Park in the city of Elyria	Bike	51	\$ 2,194,455	\$1,632,364
CUY	CLEVELAND METROPARKS	EUCLID CREEK GREENWAY Construct 0.5 mile, 10' paved shared use trail, to begin connecting the lower portion of Euclid Creek Reservation to the lakefront at Euclid Beach, Villa Angela, and Wildwood Park	Bike	50	\$ 628,500	\$499,650
LOR	LORAIN	WASHINGTON AVE BIKEWAY Shared use path, bike lanes and sharrows on Washington Avenue and adjacent routes	Bike	50	\$ 224,015	\$179,212
CUY	MAYFIELD HEIGHTS	MAYFIELD ROAD SIGNALS Upgrade signals along the Mayfield Road corridor, from Irquois Avenue to Gates Mills Towers Drive. Replace four signals, partially upgrading 13 traffic signals, and install an advanced central control system	Signal	47	\$ 3,377,906	\$2,495,285
CUY	BEACHWOOD	SR175/CEDAR SIGNALS Upgrade signals primarily along SR175 and Cedar Road in the City of Beachwood, north of the Chagrin Boulevard corridor	Signal	46	\$ 5,379,100	\$3,185,113
CUY	ROCKY RIVER	ROCKY RIVER SIGNALS Upgrade signals and pavement markings at 13 intersections along Center Ridge Road, from Hunter's Point to Wooster	Signal	42	\$ 654,652	\$380,888
CUY	CLEVELAND HEIGHTS	CLEVELAND HTS SIGNALS Reconstruct 12 signals in northern Cleveland Heights, along Monticello Boulevard, Taylor Road, and Noble Road, and removal of 4 unwarranted signals	Signal	40	\$ 3,620,750	\$2,551,160

Attachment 1: 2017 Statewide CMAQ Applications

9/1/2017

PRELIMINARY DRAFT SCORES WITH REGIONAL PRIORITY POINTS ASSIGNED

County	Sponsor Agency	Project Name and Description	Project Category	Total Points	Total Project Cost	Total CMAQ \$ Requested*
LAK	PAINESVILLE	SR283/ US20 SIGNALS Replace signal controllers and vehicle detection at 14 intersections along the two corridors, Richmond Street (SR 283) and Mentor Avenue (US 20), and removal of three unwarranted traffic signals	Signal	39	\$ 845,000	\$667,600
CUY	PARMA	WEST CREEK GREENWAY Construct shared use path from Normandy High School to a riparian area, from Dentzler Road to north of Pleasant Valley Drive to Broadview Road	Bike	38	\$ 5,503,650	\$4,402,920
LOR	LORAIN	CITYWIDE SIGNALS Signal upgrade along or near Broadway Avenue (SR 57) and E. 28th Street, including removal of 42 traffic signals and reconstruction of 11 signals	Signal	37	\$ 4,488,100	\$4,273,195
CUY	UNIVERSITY HEIGHTS	CITYWIDE SIGNALS Upgrade of twenty-one traffic signals within University Heights along Cedar Road, Warrensville-Center Road, Washington Boulevard, and S. Green Road, including complete reconstruction at 4 intersections	Signal	37	\$ 3,200,700	\$2,328,550
LAK	WILLOUGHBY	SR84 SIGNALS Install coordinated signal system along SR 84 (Ridge Road) including new traffic signals at the intersections of SR 84 and Robinhood Drive and Willoughcroft Road/River Road, and upgrade of the existing traffic signal at SR 84 and Shankland Road	Signal	32	\$ 440,000	\$320,000
RECOMMENDED TOTAL					\$ 203,705,774	\$149,762,973

Not Recommended for Submittal to the Statewide CMAQ Committee

CUY	BROADVIEW HEIGHTS	SR82 SIGNALS Replace signals at three existing intersections along SR 82 (Royalton Road) between Avery Road and Windswept Avenue and add a new signal at Glenwood Trail. In conjunction with widening project.	Signal	44	\$ 759,573	\$513,048
CUY	CLEVELAND	CLE-EAST 140TH STREETScape Streetscape E 140th corridor from Lakeshore Blvd to St. Clair Ave includes street trees, bike facilities and improved transit waiting environments	Streetscape	13	\$ 1,651,000	\$1,320,000
CUY	CLEVELAND	CLE-DETROIT AVENUE STREETScape Extend existing streetscape amenities, including street trees, light poles with banners, transit waiting environments (bus shelters), decorative crosswalks and custom designed street furniture, from W 73rd to W 78th Street and from W 58th to W 52nd Street, respectively	Streetscape	11	\$ 756,250	\$605,000
NOT-RECOMMENDED TOTAL					\$ 3,166,823	\$2,438,048
GRAND TOTAL					\$ 206,872,597	\$152,201,021

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE
NORTHEAST OHIO AREAWIDE COORDINATING AGENCY

WHEREAS, the Northeast Ohio Areawide Coordinating Agency (NOACA) is the Metropolitan Planning Organization (MPO) for the counties of Cuyahoga, Geauga, Lake, Lorain and Medina, and the areawide water quality management agency for the same region; and

WHEREAS, the Ohio Department of Transportation (ODOT) allocates Congestion Mitigation and Air Quality (CMAQ) funds to urban areas of Ohio for transportation projects and programs that reduce congestion and improve air quality for areas that do not meet the National Ambient Air Quality Standards for ozone, carbon monoxide, or particular matter; and

WHEREAS, in November 2012, the statewide CMAQ program replaced the individual programs historically administered by the eight largest MPOs; and

WHEREAS, these MPOs represent the greater regions Akron, Canton Cincinnati, Cleveland, Columbus, Dayton, Toledo, and Youngstown; and

WHEREAS, in April 2017, NOACA announced the solicitation of applications for new projects targeted for implementation for state fiscal year 2022 and 2023; and

WHEREAS, approximately \$145 million is available statewide for SFYs 2022-2023, of which NOACA expects to receive approximately \$43 million based on further changes to the statewide program that reverts back to the historical allocations; and

WHEREAS, NOACA staff has completed evaluation and scoring of each CMAQ application in accordance with the statewide program policy project scoring criteria; and

WHEREAS, NOACA has the ability to control the assignment of Regional Priority points in the denominations of 10, 7, 4, and 2 points to four regionally significant projects, as required by the statewide CMAQ program policy; and

WHEREAS, options for the Board's assignment of these points were presented to the Planning and Programming Committee for recommendation; and

WHEREAS, the Planning and Programming Committee recommended that points be applied strategically by staff to maximize CMAQ funding to the region; and

WHEREAS, staff recommended that the bonus points be assigned to projects that provide the greatest, furthest reaching benefits to the region's air quality and multimodal transportation system:

- 10 points – MIDWAY – SUPERIOR CORRIDOR
- 7 points – EAST 93RD AND 105TH MODAL
- 4 points – BLACK RIVER TRAIL EXTENSION PHASE 3C
- 2 points – BULK TERMINAL TUNNEL EXTENSION

In accordance with this recommendation, bonus points would be assigned accordingly; and

RESOLUTION NO. 2017-038
(Statewide Congestion Mitigation Air Quality
(CMAQ) Applications)

WHEREAS, staff determined this recommendation in careful review of all projects against factors associated with greatest regional air quality benefits and the limited amount of statewide program funding available; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Northeast Ohio Areawide Coordinating Agency, consisting of 45 principal officials serving general purpose local governments throughout and within the counties of Cuyahoga, Geauga, Lake, Lorain, and Medina that:

Section 1: Regional priority points will be assigned to CMAQ project applications.

Section 2: Recommended project applications contained in Attachment 1 will be submitted for approval to the Ohio Statewide Urban CMAQ Committee.

Section 3: The Executive Director is authorized to transmit certified copies of this resolution to appropriate federal, state, and local agencies.

Certified to be a true copy of a Resolution of the Board of Directors of the Northeast Ohio Areawide Coordinating Agency adopted this 8th day of September 2017.

Secretary: 

Date Signed: September 8 2017