

**RESOLUTION 18-16**

**A RESOLUTION OF THE NORTHWESTERN INDIANA REGIONAL PLANNING  
COMMISSION APPROVING THE CONGESTION MITIGATION AIR QUALITY  
(CMAQ) PERFORMANCE PLAN**

**September 20, 2018**

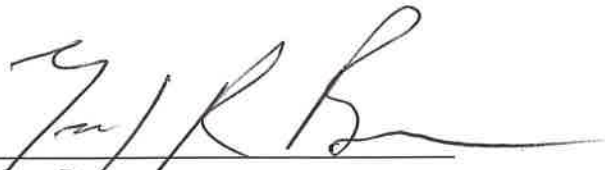
**WHEREAS:** Federal legislation enacted in the FAST Act signed into law December 4, 2015 imposed performance-based planning requirements; and

**WHEREAS:** The United States Department of Transportation issued a rulemaking effective February 17, 2017 (23 CFR 490.107) that requires the Commission to include a CMAQ Performance Plan to comply with the performance-based planning requirements; and


**WHEREAS:** The Technical Planning Committee approved the CMAQ Performance Plan at its September 11, 2018 meeting.

**NOW, THEREFORE, BE IT RESOLVED** that the Northwestern Indiana Regional Planning Commission approves the Congestion Mitigation Air Quality (CMAQ) Performance Plan.

Duly adopted by the Northwestern Indiana Regional Planning Commission this 20th day of September 2018.

  
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Geof R. Benson  
Chairperson

ATTEST:

  
\_\_\_\_\_  
Karen Freeman-Wilson  
Secretary

## Congestion Mitigation Air Quality (CMAQ) Performance Plan

### Metropolitan Planning Organization (MPO) Name:

Northwestern Indiana Regional Planning Commission (NIRPC)

### Urbanized Area (UZA) and States:

Chicago, IL--IN

### Background:

This CMAQ Performance Plan is attached to the Indiana Department of Transportation (INDOT) Baseline performance report for the 2018 to 2021 performance period (calendar years for the traffic congestion measures, federal fiscal years for the on-road mobile source emissions measures). NIRPC, the MPO with a Metropolitan Planning Area (MPA) of Lake, Porter, and LaPorte Counties in Indiana, is part of the Chicago, IL--IN UZA, which is designated as a Transportation Management Area (TMA) with a population greater than 200,000. For the purposes of 23 CFR 490.703, NIRPC is an MPO serving a UZA with a population over 1 million, subjecting NIRPC to the requirements of developing this CMAQ Performance Plan. This CMAQ Performance Plan satisfies these requirements by describing the baseline condition/performance for the traffic congestion and on-road mobile source measures, reporting the 2-year and 4-year targets for these measures, and describing the CMAQ-funded projects in the performance period and how the projects contribute to achieving the targets.

### Baseline Condition/Performance:

*Baseline Condition/Performance for Traffic Congestion Measures (Calendar Year 2017, UZA):*

*Peak Hours of Excessive Delay Per Capita (PHED): 14.8*

*Percent Non-Single Occupancy Vehicle Travel (Non-SOV): 30.6%*

SOURCE: National Performance Measure Research Data Set, US Census Bureau

*Baseline Condition/Performance for On-Road Mobile Source Emissions Measures (Federal Fiscal Years 2014-2017, MPA):*

*24-hour PM10 Benefit (kg/day): 0.02*

*Ozone Precursors:*

*NOx Emissions Benefit (kg/day): 482.63*

*VOC Emissions Benefit (kg/day): 102.78*

*CO Benefit (kg/day): 1,107.98*

SOURCE: FHWA CMAQ Public Access System, [https://fhwaapps.fhwa.dot.gov/cmaq\\_pub/](https://fhwaapps.fhwa.dot.gov/cmaq_pub/)

### 2-year and 4-year Targets:

*Targets for Traffic Congestion Measures (UZA):*

*Peak Hours of Excessive Delay Per Capita (PHED):*

*2-Year Target: Not Applicable for 2018 to 2021 performance period*

*4-Year Target: 15.5*

*Percent Non-Single Occupancy Vehicle Travel (Non-SOV):*

*2-Year Target: 31.6%*

*4-Year Target: 32.1%*

*Targets for On-Road Mobile Source Emissions Measures (MPA):*

*24-hour PM10 Benefit (kg/day):*

*2-Year Target: 0.30 (Adopt Indiana State Target)*

*4-Year Target: 0.50 (Adopt Indiana State Target)*

*Ozone Precursors:*

*NOx Emissions Benefit (kg/day):*

*2-Year Target: 1,600.00 (Adopt Indiana State Target)*

*4-Year Target: 2,200.00 (Adopt Indiana State Target)*

*VOC Emissions Benefit (kg/day):*

*2-Year Target: 1,600.00 (Adopt Indiana State Target)*

*4-Year Target: 2,600.00 (Adopt Indiana State Target)*

*CO Benefit (kg/day):*

*2-Year Target: 200.00 (Adopt Indiana State Target)*

*4-Year Target: 400.00 (Adopt Indiana State Target)*

**Description of Projects:**

*Table 1: Description of NIRPC TIP Projects, 2018-2021*

Project	Lead Agency	Project Description	Year Anticipated for CMAQ Obligation	NOx Benefit (kg/day)	VOC Benefit (kg/day)	CO Benefit (kg/day)	PM <sub>10</sub> Benefit (kg/day)	PHE D Benefit	Non-SOV Benefit
Bike/Pedestrian Facilities at Marquette Trail (1601146)	East Chicago	From Indianapolis Blvd. (US 20) to Kennedy Ave	2018	0.27	0.07	0.00	0.00		X
Broadway Rapid Transit (Years 1 - 3) (1600632)	Gary Public Transportation Corporation	Broadway Rapid Transit (Years 1 - 3)	2018	55,923.56	10,267.76	8.68	0.00	X	X
Bicycle & Pedestrian Facilities at Iron Horse Trail (0300602)	Portage	Construct Trail from Hamstrom Rd to Portage Ave	2018	2.48	1.17	9.84	0.00		X

V-Line Porter Hospital CMAQ Demonstration Project (Years 1-3) (1601184)	Valparaiso	V-Line Porter Hospital CMAQ Demonstration Project (Years 1-3)	2018	13.35	3.67	0.00	0.00		X
Bicycle & Pedestrian Equipment (1592273)	Lowell	Up to 20 Bicycle Racks	2018	0.00	0.01	0.26	0.00		X
CMAQ Planning, Purchase Alt Fuel, Regional Planning (1600543)	NIRPC	Origin-Destination Study, Public Education SFY 2018, TIP Software License Fee, for Dunes Learning Center	2018	59.06	33.67	475.11	0.00	X	X
GPTC Lake Ridge Pilot Service (Year #4) (1700715)	Gary Public Transportation Corporation	Gary PTC Lake Ridge Pilot Service (Year #4) Extension of FFY 2012 Funded Project	2018	0.43	0.01	0.00	0.00	X	X
Bicycle & Pedestrian Facilities at Chessie Trail I (1401028)	LaPorte County	From Truesdell Ave NW to East Shore Pkwy at Pine Lake Ave	2018	0.03	0.01	0.00	0.00		X
Chicago Dash CMAQ Demonstration (Years 1 - 3) (1601185)	Valparaiso	Chicago Dash CMAQ Demonstration (Years 1 - 3)	2019	24.56	6.76	0.00	0.00	X	X
Access Control at Central Ave (0900080)	Portage	Willowcreek Rd Intersection Improvements at Central Ave.	2019	0.61	2.27	16.80	0.00		
CMAQ Planning (N/A)	NIRPC	Public Education SFY 2019	2019	0.00	5.89	0.00	0.00	X	X
North Township Year 5 (1592018)	North Township	North Township Year 5	2019	5.66	0.17	0.00	0.00	X	X
Bicycle & Pedestrian Facilities at Pennsy Greenway (1173707)	Munster	Construct Pennsy Greenway Trail from Fisher St at Timrick Dr to Calumet Ave north of 45th St	2020	0.31	0.01	0.00	0.00		X
CMAQ Planning (N/A)	NIRPC	Public Education SFY 2020	2020	0.00	5.89	0.00	0.00	X	X

Alternative Fuel Infrastructure (1601846)	Lake Station	Public Access E-85 & CNG Station. 3P Agreement.	2021	9.28	0.20	1.79	0.00		
Bike/Pedestrian Facilities at Marquette Trail (1601147)	Burns Harbor	Marquette Greenway Trail, SR149 to Babcock Rd	2021	0.22	0.06	0.00	0.00		X
Bike/Pedestrian Facilities at Marquette Trail (1601145)	Hammond	from State St at Rabin Plaza to Toll Road overpass at Kosciusko St	2021	0.43	0.12	0.00	0.00		X
Total				56,040.23	10,327.75	512.49	0.00		