

RESOLUTION 19-03

A RESOLUTION OF THE NORTHWESTERN INDIANA REGIONAL PLANNING COMMISSION ADOPTING AMENDMENT NUMBER 1 OF THE 2019-2020 UNIFIED PLANNING WORK PROGRAM FOR FISCAL YEAR 2019

January 17, 2019

WHEREAS, the preparation of a Unified Planning Work Program (UPWP) is a necessary and required part of the metropolitan area transportation planning process as specified in 23 CFR 450.314; and by its State statutory authority, the Northwestern Indiana Regional Planning Commission (NIRPC) is charged with planning responsibility in three domains of transportation, environment and economic development; and

WHEREAS, the work tasks described within NIRPC's UPWP for the three-county northwestern Indiana region are in conjunction with the programs of the Federal Transit Administration, the Federal Highway Administration, and the Indiana Department of Transportation, and significant planning projects in the region by other agencies; and

WHEREAS, this program has been prepared for planning (PL), and Congestion Mitigation and Air Quality (CMAQ) funds through the Federal Highway Administration, Section 5303 technical study funds through the Federal Transit Administration, Sections 5307 and 5323 and planning funds through the Federal Transit Administration, NIRPC's locally derived funds, and in-kind donations of partners;

WHEREAS, the work elements contained in the program respond to the transportation and air quality planning needs of Northwest Indiana and are in keeping with federal requirements found in the Clean Air Act Amendments of 1990 and the Fixing America's Surface Transportation (FAST) Act of 2015 and accompanying guidelines and regulations;

WHEREAS, all regional transportation and other significant planning projects in the three-county region should be included in the UPWP;

WHEREAS, the NIRPC request for FY 2019 funding for Air Quality Public Education was determined to be eligible for Congestion Mitigation and Air Quality (CMAQ) funds on July 23, 2018; and

WHEREAS, the NIRPC Air Quality Public Education Program emission reductions have been built into the regional Air Quality Conformity through 2020; and

WHEREAS, this body allocated \$360,000 federal CMAQ funding for this project in their approval of Amendment 10 to the 2018-2021 Transportation Improvement Program in March of 2018.

NOW, THEREFORE, BE IT RESOLVED that the Northwestern Indiana Regional Planning Commission adopts the Fiscal Year 2019 Unified Planning Work Program amendment number 1.

Duly adopted by the Northwestern Indiana Regional Planning Commission on this seventeenth day of January, 2019.



Chairperson

ATTEST:



Secretary

**2019
2020**
amendment 1



Unified Planning Work Program

2019 UPWP Amendment 1

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Budget summary

Task group name	UPWP section	Funding source	Total task cost	Federal share	Total match req'd	NIRPC match	Non-NIRPC / in-kind
Administration and public participation	19-100	PL/5303	511,633	409,306	102,327	102,327	-
Data collection + analysis	19-200		360,401	288,321	72,080	72,080	-
Short-range planning	19-300		184,511	147,609	36,902	36,902	-
Long-range planning	19-400		494,509	395,607	98,902	98,902	-
Multi-modal planning	19-500		179,824	143,859	35,965	35,965	-
PL/5303 total			1,730,878	1,384,702	346,176	346,176	-
Special planning activities	19-600		-	-	-	-	-
FTA activities + tasks	19-700	5307	491,492	393,194	98,298	98,298	-
TIP funded activities	19-800	CMAQ	450,000	360,000	90,000	-	90,000

Executive Director:

- Maintains Commission relationships
- Oversees all program functions
- Establishes internal policy

Administration team:

- Human resources
- Office management
- Administrative support

Communication team:

- Public participation
- Graphics and documents

Environment team:

- Air quality
 - Public education / outreach
 - Permitting evaluation
 - Alternative fuels
- Watershed quality
 - Regional watershed planning
 - Water usage
 - Storm water public education
 - Great Lake Watershed Academy
- Natural resources
 - Chicago Wilderness
 - Purdue Planning with Power
- Environmental management planning
 - Transportation linkages

Finance team:

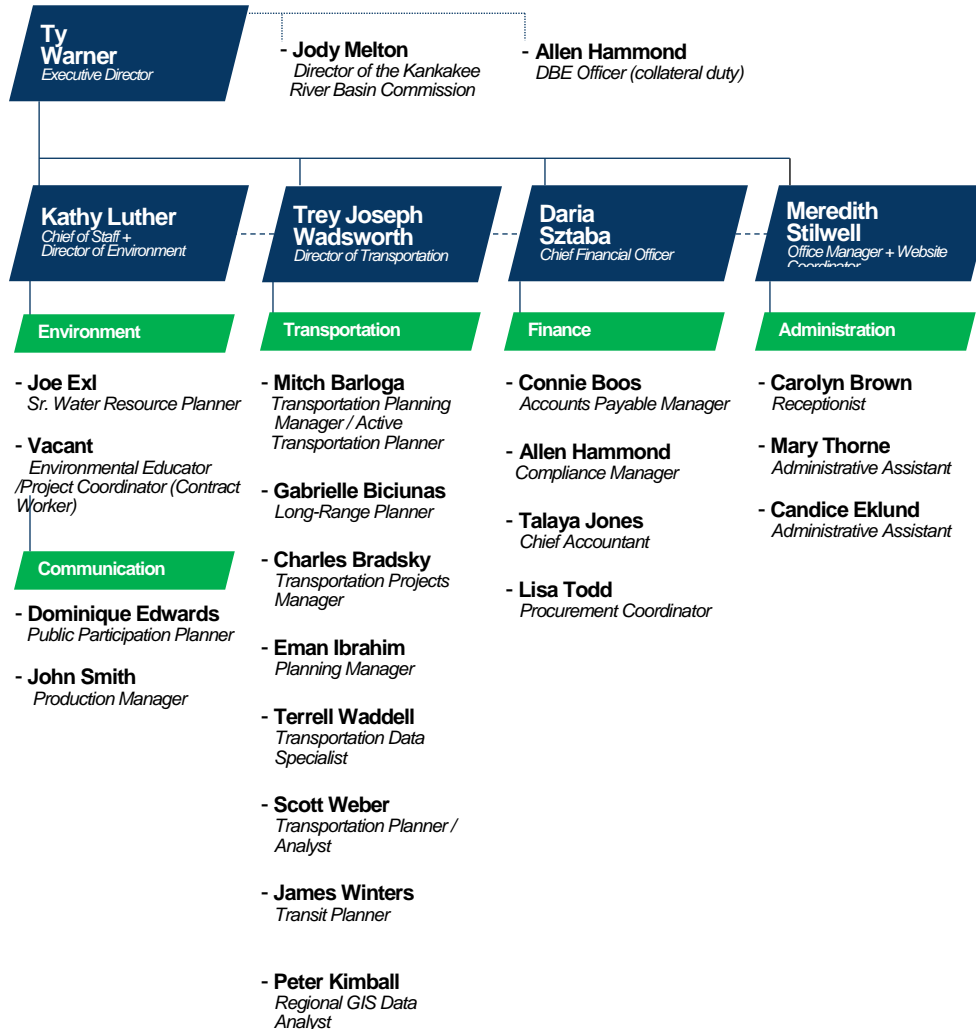
- Finance and accounting
- Sub-grantee oversight

Transportation team:

- Long-range planning
- Unified Planning Work Program
- Transportation Improvement Program
- Outreach and public involvement
- Transit planning
- Land use planning
- Bicycle and pedestrian planning
- Travel demand forecast modeling
- Air quality conformity
- Data collection and analysis
- Demographics and population forecasts
- Congestion management
- Intelligent Transportation System planning
- Safety and security planning
- Geographic Information Systems planning
- Freight planning



NIRPC staff organization and functions



800 | NIRPC programs

Program #: 19-800

2019 budget:

Federal	\$360,000	CMAQ
Local match	\$ 90,000	– Third Party-In-Kind
Total	\$450,000	

Program #: 20-800

2020 budget:

Federal	\$0
Local match	\$0
Total	\$0

- **Task lead**
Kathy Luther
- **Task contributors**
Vacant: Contract Worker
- **Topical committee**
Environmental Management and Policy Committee
- **Task status**
Ongoing with TIP funding and affirmative CMAQ eligibility determinations
- **Prior task accomplishments**
Media + marketing: newspaper, digital, radio, movie theater, newsletters and social media outreach to educate and inform the public.

NWI Clean Air: promote use of suburban bus, online carpool and vanpool matching, distributed 62,000 air quality education document holders. Exchanged 2,400 gas cans at household hazardous waste collection events. Participated in two Partners for Clean Air Events. Attended monthly EMPC meetings. Partners for Clean Air: distributed materials to promote anti-idling. Developed Air Quality curriculum to be piloted at the Boys & Girls Club of Northwest Indiana in July 2018. Attended meetings with the Boys & Girls Club of Northwest Indiana to coordinate the implementation of the Air Quality curriculum. Discussed partnering with Purdue University Northwest to develop Citizen Scientist Air Monitoring program and would like to include as many partners as possible. Discussed plans with Purdue University to be a part of their Environmental & Ecological Engineering Project in the Fall of 2018 – Spring 2018. Students are to create data/information specific to Lake Porter and LaPorte County and/or create/test particulate matter sensors for reliability and cost analysis.

Tasks: Air Quality Education

Task objective:

This multi-year program continues to develop and promote a highly visible, on-going effort to educate the residents of Lake, Porter, and LaPorte Counties concerning their personal choices and relationship to air quality, health and quality of life in the region. NIRPC will continue to work with public officials, public diesel fleet owners and operators, private sector decisionmakers, universities, educators, students, the media and the general public on the air quality issues in the region. The public education campaign is necessary to obtain public support, consensus and participation to achieve and maintain national air quality standards as designated in the Clean Air Act.

Task description:

Elements + activities:

- Media and Marketing:
 - Utilize social media platforms such as Facebook, Twitter, and Instagram in addition to local college and community newspapers and magazines (digital and print), regional radio station remotes and commercials, marketing agencies, tv, movie theater on screen, SMS, NWI Clean Air monthly e-newsletter, NWI Clean Air Website and Air Quality survey (in 2021) to help with various forms of public outreach and education. This also includes professional promotion assistance of events and activities.
 - Cross promote non-motorized transportation and transit programs such as assisting with the promotion of Bike on Trains, website assistance for Gary Public Transportation Corporation Broadway Metro Express, and new active transportation efforts in Lake, Porter, and LaPorte Counties.
- NWI Clean Air (NIRPC):
 - Distribute 62,000 air quality education document holders to Clean Air Car Check's vehicle emission testing stations as well as to South Shore Clean Cities and NWI Clean Air (NIRPC) to assist with education and outreach.
 - Exchange 2,400 gas cans at household hazardous waste collection events in Lake, Porter and LaPorte Counties. Advertising promotion will be used to increase the participation at these events.
 - Participate and sponsor two Partners for Clean Air Events.
 - Attend and participate in various events, programs and workshops related to environmental education and active transportation throughout the region.

- Improve education and outreach efforts in Hispanic/Latino and African American communities, 18-34-year-old residents, those who have children in their household, and/or have a frequent or daily commute. Implement air quality curriculum at the Boys & Girls Club of Northwest Indiana in July 2018. Distribute promotional drawstring bags to students to encourage and remind them to care for the air.
- Integrate an air monitoring component into the air quality curriculum to empower school-aged students to improve our air and public health; requires the purchase of educational particulate matter sensor kits. These particulate matter sensors will also be used at various events.
- Develop a citizen scientist air monitoring program which would include workshops in partnership with local colleges and community organizations and groups; requires the purchase/development of reliable bicycle or pedestrian air quality monitoring devices.
- Partner with Purdue University's Environmental & Ecological Engineering Program. In the Fall of 2018 – Spring 2018, students will create air quality and/or non-motorized transportation data/information specific to Lake Porter and LaPorte County and/or create/test particulate matter sensors for reliability and cost analysis.
Update NWI Clean Air website which is to include non-motorized transportation and transit programs.
- Create new education and outreach materials which are to include tabletop banner displays.
- Assist South Shore Clean Cities emission reduction program at schools throughout northwest Indiana.
- Distribute at least 1,000 promotional lunch totes to promote anti-idling and reduce lunchtime driving.
- Partners for Clean Air (IDEM Northwest Regional Office and members such as local health departments and area businesses):
 - Annually register as Gold member and report on commitments.
 - Distribute at least 1,000 promotional lunch totes to promote anti-idling and reduce lunchtime driving.
 - Manage Partners for Clean Air Facebook page.
- NWI Green Fleets:
 - South Shore Clean Cities will operate the NWI Green Fleets Program.
 - Provide individualized fleet emission assessments and reduction planning for up to 30 fleets.
 - Provide a series of workshops/webinars and training related to clean air, clean fuels, and emission reduction technology.
 - Report on Green Fleets at the Technical Planning Committee
 - Operate an annual Green Fleets Award Program
- NWI Take Bike the Streets (Build-A-Bike, Safety Village, and Northern Lights Camp) –
 - Will promote environmental stewardship, foster intergenerational leadership and improve air quality/community health by focusing on non-motorized transportation and safety:

- **Prior task accomplishments cont.**
NWI Green Fleets: South Shore Clean Cities contracted to operate NWI Green Fleets Program; provided individual fleet emission assessments and reduction planning for twenty-eight public and private fleet operators; assisted in implementing diesel retrofit bus heater program; and operated annual Green Fleet Award program.

*Take Bike the Streets:
Attended multiple events and meetings related to creating NWI Take Bike the Streets which includes Build-A-Bike and Safety Village programs and Northern Lights Camp in partnership with the Miller Arts and Creative District, Miller Spotlight and a resident interested in creating a Build-A-Bike in Porter County.*

- **Performance measures for task**
Increase social media followers by 15%; increase e-newsletter sign-up by 15%; increase marketing impressions by 5-10%; emission reduction due to gas can exchanges and NWI Green Fleets emission reduction program. Conduct a survey in 2021 to see how knowledge and perception of air quality among northwest Indiana residents has changed since the 2017 survey.
- **Funding source**
CMAQ programmed in 2018



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- Distribute 75,000 Greenways + Blueways 2020 bike maps, 2,000 bike pins, and 1,000 walker pins to encourage and promote active/non-motorized transportation.
- Partner with local police departments, Tri-Town Safety Village, Hammond Police Department Safety Village, Miller Safety Village, newly developed Safety Villages and Safe Routes to School and integrate Project Lightning Bug into their safety programs; distribute at least 1,000 bike safety lights to those who ride their bike at night or are interested in riding their bike at night.
- Sponsor existing and newly developed (planning/implementation stage) Safety Villages and Build-A-Bike programs to ensure the continuation and support of the program in Northwest Indiana and integrate air quality education. It is important to identify community members passionate about non-motorized/active transportation, safety, and air quality to sustain the newly developed Safety Villages and Build-A-Bike programs. NIRPC would like to see at least one new Safety Village and Build-A-Bike program established in underserved communities in Lake, Porter and LaPorte Counties.
- Create/promote regional events in Northwest Indiana with various partners that encourage non-motorized transportation (e.g. National Bike Challenge, Bike to Work Day, Bike to School Day, Walk to School Day, Bike to the Beach, Ride-a-Bike or Take-a-Hike).

Public outreach:

All of the Air Quality and Public Education Program initiatives are inclusive of all of the region's residents. All Title VI, Environmental Justice and ADA protect communities have access and opportunities to be a part of the programs and events. Some examples of outreach efforts include the Hammond Hispanic Community Committee, Boys & Girls Club of Northwest Indiana, School City of East Chicago, Gary Public Transportations Corporation, Tri-Town Safety Village, Hammond Police Department Safety Village. The outreach efforts are ongoing to build new relationships and strengthen existing relationships.

Task deliverables:

Increase knowledge and change perception of air quality among Northwest Indiana residents and businesses.

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