

RESOLUTION 16-33

A RESOLUTION OF THE NORTHWESTERN INDIANA REGIONAL PLANNING COMMISSION ADOPTING THE AMENDMENT OF THE UNIFIED PLANNING WORK PROGRAM FOR FISCAL YEAR 2017

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, the U.S. Environmental Protection Agency, the Indiana Department of Transportation and the Indiana Department of Environmental Management, and significant planning projects in the region by other agencies; and

WHEREAS, this program has been prepared for planning (PL), 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, private foundation, and NIRPC's locally derived funds;

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, NIRPC is amending the UPWP for fiscal Year 2017 to add a new program and amend the budget of existing projects;

WHEREAS, the new program is a Household Travel Survey that will be funded from a carryover of Federal PL funds of \$116,232.29 with 20% local match of \$29,058.07 for a total of \$145,290.36.

WHEREAS, the purpose of this program is to ensure that NIRPC best informs stakeholders about travel patterns using reasonably current data about origins and destinations of transportation users within Northwest Indiana and between Northwest Indiana and the greater Chicago area; and

WHEREAS, this would help NIRPC satisfy the requirements of the Transportation Conformity Rule to validate a Travel Demand Model;

WHEREAS, the amendment also includes addition to the budget of a carryover from FY 2016 HSIP funding of \$288,947 for the current I-65/ US 30 Safety Planning project. This funding includes a contractual service of \$248,161; and


WHEREAS, amend the current budget of the Air Quality Education/ Outreach programs 2541 and 2542 that are listed under the NIRPC Programs element. A carryover of CMAQ funding of \$177,420 and \$223,013 are allocated for programs 2541 and 2542 respectively in addition to 20% of local/other funds.

NOW, THEREFORE, BE IT RESOLVED that the Northwestern Indiana Regional Planning Commission adopts the Unified Planning Work Program first amendment of Fiscal Years 2017.

Duly adopted by the Northwestern Indiana Regional Planning Commission on this twentieth day of October, 2016.


James G. Ton
Chairperson

ATTEST;


Geoff R. Benson
Secretary

Amendment (1) to the Unified Planning Work Programs (UPWP) FYs 2017/2018:

Amendment 1 includes a new program and budget amendments to current projects.

Amendment 1-1:

A carry over of Federal PL funds of \$116,232.29 in FY 2017 (\$145,290.36 total with 20% local match) is allocated for a Household Travel Survey Program. The new program will be added to the **Short Range Planning** element of the report. The following is the program description:

5. HOUSEHOLD TRAVEL SURVEY

STAFF: SCOTT WEBER

OBJECTIVE:

The purpose of this task is to ensure that NIRPC best informs stakeholders about travel patterns using reasonably current data about origins and destinations of transportation users within NW Indiana and between NW Indiana and the greater Chicago area. Also, this would help NIRPC satisfy the requirements of the Transportation Conformity Rule to validate a Travel Demand Model no more than 10 years prior to the first year of a Conformity Determination.

BACKGROUND:

NIRPC last completed a Household Travel Survey between 2007 and 2008 jointly with the Chicago Metropolitan Agency for Planning (CMAP) for the entire Chicago area including the NIRPC area. Staff has processed the Household Travel Survey data from the previous effort and incorporated it into the trip generation and trip distribution methods of the current travel demand model. However, nearly 10 years have passed since this data has been available, and NIRPC is required to keep the first horizon year in air quality conformity models validated with data no older than 10 years.

WORK ELEMENTS/METHODOLOGY:

1. Work with the Chicago Metropolitan Agency for Planning (CMAP) on the procurement process for vendor(s) to complete the work.
2. Ensure that the scope of work in the CMAP-led procurement process requires data to be collected on travel patterns that include a substantial number of NW Indiana households. The methodology will most likely include significant use of smart phone data but with at least a minimal amount of user confirmation.
3. Work with CMAP on selecting potential vendor(s) that satisfy the scope of work and other requirements.
4. Work with the selected vendor(s) to conduct a pilot study of the data collection for the region.
5. Plan a data collection timeframe to ensure that data collection takes place before the end of Fiscal Year 2017.
6. Acquire post-processed and user manual-accessible data from the vendor(s)

Amendment 1-2

Item 2 of the amendment includes a carryover from FY 2016 HSIP funding of \$288,947 for the I-65/ US 30 Safety Planning project. This funding includes a contractual service of \$248,161. The project is described in page 127 of the UPWP report.

Amendment 1-3

Item 3 of the amendment includes a budget changes to the **NIRPC Programs** element that are listed as Air Quality Education/ Outreach. A carryover of CMAQ funding of \$177,420 and \$223,013 are allocated for program #s 2541 and 2542 respectively in addition to 20% of local/other funds. The following are the updated programs descriptions that are listed in pages 130-134 of the report:

Section 9: NIRPC Programs

BUDGET 2017

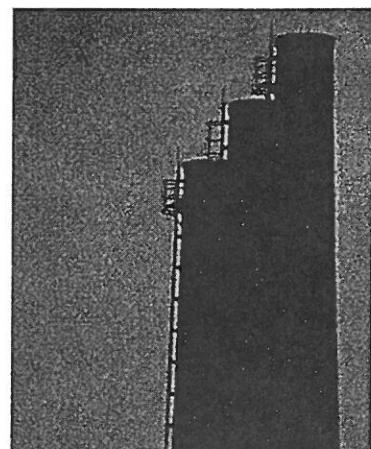
NIRPC Programs- 2017	CMAQ	Local or other Grants and Contracts	Total
2541 - Air Quality Education / Outreach	177,420	49,355	226,775
2542 – Air Quality Education / Outreach	223,013	55,753	278,766
2067 – Alternative Fuel	40,000	10,000	50,000
2538 - Deep River Portage Burns Waterway		55,000	55,000
2539 – Solar Ready in Northwest Indiana		25,000	25,000
2540 - Calumet Land Conservation Partnership		50,000	50,000
1149/1150 NWI Brownfield Coalition		10,000	10,000
Total	440,433	230,108	670,541

1. AIR QUALITY EDUCATION & OUTREACH,

STAFF: AMANDA POLLARD, MEREDITH STILWELL, KATHY LUTHER, 2541, 2542

OBJECTIVE:

The mission of the multi-year program is to continue 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 that relationship to air quality, health and quality of life in northwest Indiana. The goal of the campaign is to expand the successful efforts of the eight year nationally recognized “It All Adds Up to Cleaner Air” program to include public education on alternative fuel



vehicles, driver's education, ride share opportunities anti-idling benefits, and health issues. NIRPC will continue to work with public officials, public diesel fleet owners and operators, private sector decision-makers, universities, educators, students, the media and the general public on the air quality issues in northwest Indiana. 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.

PAST WORK/BASIS:

NIRPC has a long history of working on regional air quality issues with local, state, and federal partners. The Agency maintains a leadership role in many of the ongoing air quality initiatives in Northwest Indiana and has received recognition for the It All Adds Up To Cleaner Air public outreach program from US EPA and FHWA.

To help promote the importance of clean air, 500 reusable bags and 375 lunch totes were distributed at Partners for Clean Air Open House events, the Partners for Clean Air luncheon, Earth Day events and radio remotes in 2015 and 2016. 33,000 educational/informational document holders were distributed to Clean Air Car Check emission testing sites, and a widely distributed newsletter was sent via email. The Post-Tribune (Newspaper), The Times (Newspaper), Adams Radio Group (regional radio stations), Diversified Marketing Strategies (Marketing agency) and National CineMedia (Movie Theater) were all used to help with various forms of public outreach and education.

- Media and Marketing Strategy expanding beyond radio and print to include: enhanced web-presence, social media and marketing, better event promotion and an air quality survey, and focus groups. This focus provides better ability to track and measure results and foster continuous improvement. This also includes professional promotion assistance of events and activities.
- Increased emphasis on creating synergy across transportation modes through cross-promotion of non-motorized transportation and transit programs for air quality benefits. For example, in 2017 we will advertise air quality messages on the South Shore Train, and partner with NICTD and other transit providers to develop air quality based marketing strategies that promotes modal shifts within their service areas.
- NIRPC will hire a part-time outreach person for air quality and bike safety in calendar year 2017 to identify direct public outreach opportunities.

Gas Can Exchange

- Gas Can Exchange/Lake Michigan Household Hazardous Waste (HHW) District Collections:
- 2,400 cans will be exchanged in 2017-2018.

- CMAQ funded advertising promoting the Gas Can Exchange increases traffic at these events by an estimated 30%. Vehicle related household hazardous waste collected at these events and properly disposed of in 2015 = 55 tons.

PACE Suburban Bus Service partnership

- NIRPC promotes use of the PACE Suburban Bus Service on-line carpool matching database.

Partners for Clean Air

Promotes voluntary actions to reduce emissions on air quality action days. NIRPC works with the IDEM Northwest Regional Office, CleanAir CarCheck, Southshore Clean Cities, local health departments, and area businesses to promote voluntary efforts by businesses, institutions, and individuals on Air Quality Action Days. This is done through annual pre-ozone season kickoff events, advertising throughout the summer, and an annual asthma/air pollution awareness event. Targeted efforts to reach residents include:

- Distribution of 5,000 car maintenance record-folders through CleanAir CarCheck's vehicle emission testing stations.
- Promotion of anti-idling and lunchtime driving by distributing 1,000 promotional lunch totes.

NWI Green Fleets: Contracted to South Shore Clean Cities

- South Shore Clean Cities operates the NWI Green Fleets Program.
- Provide individualized fleet emission assessments and reduction planning for up to eight public and private region fleet operators.
- Assist in implementing Diesel Retrofit Bus Heater program.
- Provide a series of conference calls, webinars, and workshops throughout the year to fleet operators relating to clean air, clean fuels, and emission reduction technology.
- Report on Green Fleets at Transportation Policy Committee.
- Operate an annual Green Fleet Award program.

FY 2017/2018 END PRODUCTS AND MEASURABLE GOALS:

1. Exchange 2,400 Vapor Free Gas Cans and document emission reductions each year.
2. Document Air Quality Action Day Commitments of Partners for Clean Air members.
3. Participate and sponsor 2 Partners for Clean Air Events.
4. Lunchtime Anti Idle Campaign distributes 1000 lunch totes.
5. Eight NWI Green Fleet Participants.

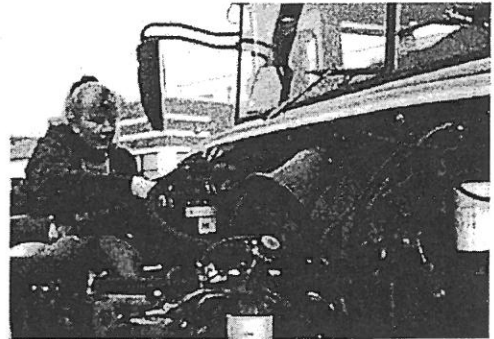
6. Maintain NWI level at 10% of PACE rideshare database.

2. CMAQ DIESEL RETROFIT – BUS HEATERS, (2018 ONLY)

STAFF: CONTRACTUAL

OBJECTIVE:

The purpose of this task is to retrofit diesel school buses with propane auxiliary heating units to reduce diesel idling emissions.



FY 2018 WORK ELEMENTS/METHODOLOGY:

- The NIRPC Green Fleets contractor will assist school bus fleet managers with identifying and selecting buses appropriate for auxiliary heating units.
- Fleet owners will competitively procure auxiliary heating units and installation services and submit procurement procedures and results to NIRPC for review.
- Upon approval of vehicle list and procurement, NIRPC will enter into a diesel retrofit contract with the school bus fleet owner.
- School Bus Fleet Owner will proceed with installation of the Auxiliary Heater Unit(s) per the contract agreement.
- Operator will submit proof of installation and vendor payment as a reimbursement request for 80% of cost.

TABLE I: FY 2017 UPWP SUMMARY LIST OF PROJECTS AND BUDGETS

PROGRAM CATEGORY	NIRPC Job #	2017 TOTAL BUDGET	PL / 5303 SHARE	FTA 5307 SHARE	HSIP SHARE	CMAQ SHARE	PENDING/ OTHER	NIRPC SHARE	NOTES
17-100 Administration & Public Participation	2061	566,490	453,192	-	-	-	-	113,298	Staff Charges + department exp. \$40,500
1 - Planning Management & Administration		-	-	-	-	-	-	-	
2 - Public Meetings & Communication Tools		-	-	-	-	-	-	-	
3 - Website/ Social Media Management		-	-	-	-	-	-	-	
4 - Administration of Transportation Projects		-	-	-	-	-	-	-	
17-200 Data Management & Analysis	2062	240,580	192,464	-	-	-	-	48,116	
1 - Transportation Data Collection		-	-	-	-	-	-	-	
2 - Planning Data Analysis / Forecasting		-	-	-	-	-	-	-	
3 - GIS Support Services		-	-	-	-	-	-	-	
17-300 Short Range Planning	2063	485,055	388,044	-	-	-	29,058	67,953	Contractual Expense \$145,290
1 - UPWP Development & Management		-	-	-	-	-	-	-	
2 - Transportation Improvement Program (TIP) Management		-	-	-	-	-	-	-	
3 - Title VI Program Management		-	-	-	-	-	-	-	
4 - Household Travel Survey		-	-	-	-	-	-	-	
17-400 Long Range Planning	2064	483,410	386,728	-	-	-	-	96,682	
1 - Comprehensive Regional Plan / Transportation Regional Plan		-	-	-	-	-	-	-	
2 - Regional Land Use Planning		-	-	-	-	-	-	-	
3 - Congestion Management		-	-	-	-	-	-	-	
4 - Environmental Mitigation Planning		-	-	-	-	-	-	-	
5 - Safety & Security Planning		-	-	-	-	-	-	-	
6 - Freight Planning		-	-	-	-	-	-	-	
7 - Travel Network Modeling		-	-	-	-	-	-	-	
8 - Air Quality Conformity		-	-	-	-	-	-	-	
9 - Intelligent Transportation System		-	-	-	-	-	-	-	
10 - Intelligent Transportation System (ITS)		-	-	-	-	-	-	-	
17-500 Transit and Active Transportation	2065	171,760	137,408	-	-	-	6,250	28,102	Staff Charges + contractual exp. \$31,250
1 - Non-Motorized Transportation Planning		-	-	-	-	-	-	-	
2 - Transit Planning		-	-	-	-	-	-	-	
17-600 Other Planning Initiatives/Special Projects	2066	46,729	37,383	-	-	-	-	9,346	
1 - Sprawl Analysis		-	-	-	-	-	-	-	
Total PL Funding		\$ 1,994,024	\$ 1,595,219	\$ -	\$ -	\$ -	\$ 35,308	\$ 363,497	
Safety Planning I-65 & US 30 (HSIP)	2068	\$ -	\$ -	\$ -	\$ 288,947	\$ -	\$ -	\$ -	Contractual Expense \$248,161
Transit - FTA									
2114 - Transit Planning		150,000	-	120,000	-	-	-	30,000	
2545 - Hobart Transit Feasibility Study		75,000	-	60,000	-	-	15,000	-	
2546 - Portage Transit Feasibility Study		75,000	-	60,000	-	-	15,000	-	Scheduled to be completed 08.01/16
2536 - Transit Administration & ADA Review		350,000	-	280,000	-	-	-	70,000	
Total Transit - FTA Funding		\$ 650,000	\$ -	\$ 520,000	\$ -	\$ -	\$ 30,000	\$ 100,000	
NIRPC Programs									
2541 - Air Quality Education/ Outreach	2541	221,775	-	-	-	177,420	38,733	5,622	
2542 - Air Quality Education/ Outreach	2542	278,766	-	-	-	223,013	55,753	-	
2067 - Alternative Fuel	2067	50,000	-	-	-	40,000	10,000	-	Dunes Learning Center
2538 - Deep River Portage Burns Waterway Initiative		55,000	-	-	-	-	55,000	-	
2539 - Solar Ready in Northwest Indiana		25,000	-	-	-	-	25,000	-	
2540 - Callumet Land Conservation Partnership		50,000	-	-	-	-	50,000	-	
1149 - NWI Brownfield Coalition		10,000	-	-	-	-	10,000	-	
Total NIRPC Programs Funding		\$ 680,541	\$ -	\$ -	\$ -	\$ 440,433	\$ 244,486	\$ 5,622	
NIRPC Administration - Indirect*									
9600 - General Management		-	-	-	-	-	-	-	
9600 - Staff & Administration Support		-	-	-	-	-	-	-	
Total NIRPC Administration - Indirect		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
FTA Planning									
Valparaiso Transit Service Marketing Study		100,000	-	80,000	-	-	20,000	-	
NICTD - TOD Study		375,000	-	300,000	-	-	75,000	-	
GPTC - Planning Activities		100,000	-	80,000	-	-	20,000	-	Gary Public Transportation Corporation
Total FTA Planning		\$ 575,000	\$ -	\$ 460,000	\$ -	\$ -	\$ 115,000	\$ -	
Total 2017 NIRPC Budget		\$ 3,909,565	\$ 1,595,219	\$ 980,000	\$ 288,947	\$ 440,433	\$ 424,794	\$ 469,119	

* See cost allocation plan