



RESOLUTION 20-28

A RESOLUTION OF THE NORTHWESTERN INDIANA  
REGIONAL PLANNING COMMISSION TO ADOPT AMENDMENT #3 FOR THE  
2021-2022 UNIFIED PLANNING WORK PROGRAM FOR  
LAKE, PORTER, AND LAPORTE COUNTIES, INDIANA

November 19, 2020

**WHEREAS**, the Northwestern Indiana Planning Commission, hereafter referred to as “the Commission,” being designated as the Metropolitan Planning Organization (MPO) for the Lake, Porter, and LaPorte County area, has established a comprehensive, cooperative, and continuing transportation planning process to develop the FY 2021 – 2022 Unified Planning Work Program (UPWP); and

**WHEREAS**, the preparation of a UPWP is a necessary and required part of the metropolitan area transportation planning process as specified in 23 CFR 450.308; and by its State statutory authority, the Commission is charged with regional planning responsibility for the environment, economic development, and transportation; and

**WHEREAS**, the work tasks and budgets described within the Commission’s UPWP are in conjunction with the programs and planning emphasis areas of the Federal Highway and Transit Administrations, and significant planning projects in the region by other agencies; and

**WHEREAS**, federal transportation fund expenses contracted to NIRPC must be adopted into the current UPWP in order to be reimbursed; and

**WHEREAS**, a balance of \$648,549.24 in Congestion Management and Air Quality, PL/5307 and Surface Transportation Block Grant funds remain in NIRPC’s open Indiana Department of Transportation Purchase Orders; and

**WHEREAS**, the Technical Planning Committee has recommended that the Commission approve the content of UPWP 2021-2022 Amendment #3;

**NOW, THEREFORE, BE IT RESOLVED** that the Northwestern Indiana Regional Planning Commission hereby adopts the FY 2021 – 2022 UPWP Amendment #3 and the Commission is authorized to enter into such agreements and contracts as may be required with the funding and administrative agencies for the execution of this UPWP.

Duly adopted by the Northwestern Indiana Regional Planning Commission on this nineteenth day of November, 2020.

Michael Griffin  
Chairperson

ATTEST:

Justin Kiel  
Secretary

## UPWP 2021-2022 Amendment #3

### 100.1 Planning Management and Administration

*TO BE INSERTED ON PAGE 16*

#### Voice to Text transcription

- Purchase of software to facilitate more efficient meeting minute production.

Total Cost	Federal Cost	Local Match-NIRPC
\$ 2,000	\$ 1,600	\$ 400

**Budget Line Item: Planning Communications**

### 200.1 Transportation Data Collection

*TO BE INSERTED ON PAGE 27*

#### NIRPC Data Bike

- The objective of NIRPC's Data Bike project is to develop a bike-based data-collection vehicle, using an electric-assist bicycle, an iPhone, and an iPhone app designed to detect pavement conditions, and then to collect pavement-condition data for all paved trails within the NW Indiana Greenways & Blueways (G&B) network for NIRPC's use and its and member cities and counties, as well as partner organizations. This data will help inform a long-term maintenance strategy for the G&B network.

In addition to collecting pavement-condition data, the Data Bike will be used for other valuable purposes to benefit the users of the trail system, as well as the government and nonprofit entities that maintain them. These include collecting Google Street View images for all of the trails in the region using a Samsung Gear 360, as well as collecting geocoded imagery of trail conditions using a GoPro camera.

Total Cost	Federal Cost	Local Match-NIRPC
\$5,500	\$ 4,400	\$ 1,100

**Budget Line Item: Planning Equipment**

#### Advanced Trail Counters

- Distribution of advanced trail counters throughout the entire NIRPC region to gauge the number of users accessing trail facilities. Counters will be placed along both paved and natural surfaces, providing data on both pedestrian and bicycle usage NIRPC will collect the data and provide results to participating communities.

Counters include solid state boxes which are mobile, as well as post and loop systems which involve installing sensors into the trail surface, which delineate between both pedestrians and bicyclists.

Information gleaned from the counter data will provide municipal decision-makers with the tools to target investments in the right projects and making certain that these investments are equitable. Emergency services will also be benefited by providing them data on high-use trail segments.

Total Cost	Federal Cost	Local Match - LPAs
\$ 75,000	\$ 60,000	\$ 15,000
Up to \$ 375,000	\$ 300,000	\$ 75,000

**NIRPC Budget Line Item: Planning Equipment (\$28,500 for 5 fixed counters) & Planning Communication (up to \$300,000 for mobile counters)**

## 200.2 Data Analysis and GIS Support Services

TO BE INSERTED ON PAGE 29

### ArcOnline Projects

- Purchase additional ESRI credits to increase capacity for geographic data display and storymaps.

Total Cost	Federal Cost	Local Match - NIRPC
\$ 500	\$ 400	\$ 100

**Budget Line Item: Planning Communications *\*ongoing annual cost to budget***

## 200.3 Performance-based Planning Activities

TO BE INSERTED ON PAGE 29 OR 31

### Tableau software

- Purchase Tableau software to better manage "big" datasets and build a performance-based planning dashboard with visualization capabilities. Numerous other Indiana MPOs and INDOT use Tableau (i.e. MACOG and INDOT).

Total Cost	Federal Cost	Local Match - NIRPC
\$ 948	\$ 754	\$ 128

**Budget Line Item: Planning Communications *\*ongoing annual cost to budget***

## 200.5 Travel Demand Modeling

TO BE INSERTED ON PAGE 35

### Travel Demand Model Update

- Update the Travel Demand Model based on 2018-2019 Household Travel Survey.

Total Cost	Federal Cost	Local Match - NIRPC
\$70,000	\$56,000	\$14,000

**Budget Line Item: Planning Contractual**

## 300.2 TIP Management

TO BE INSERTED ON PAGE 45

### RTIP Redesign

- NIRPC will work with Indianapolis MPO to develop an on-line TIP that will coordinate with the system INDOT is developing.

Total Cost	Federal Cost	Local Match - NIRPC
\$ 50,000	\$ 40,000	\$ 10,000

**Budget Line Item: Planning Contractual**

## 400.5 Transportation and Environmental Linkages

TO BE INSERTED ON PAGE 61

### Transportation Infrastructure Vulnerability Assessment

- Transportation Infrastructure Vulnerability Assessment NIRPC will procure a contractor to initiate vulnerability assessment study.

Total Cost	Federal Cost	Local Match - NIRPC
\$75,000	\$ 60,000	\$ 15,000

**Budget Line Item: Planning Contractual**

## 500.1 Active Transportation Planning

TO BE INSERTED ON PAGE 125

### USBR Signage

- Purchasing of placards marking the United States Bicycle Routes (USBR) 35, 36 and 37 in the NIRPC region. These will include north, south, east and west, plus arrow placards as well. The signs will be fabricated to MUTCD roadway standards for color and reflectivity.

Total Cost	Federal Cost	Local Match - NIRPC
\$8,000	\$ 6,400	\$ 1,400

**Budget Line Item: Planning Communications**

## 600.1 Special Planning Initiatives

TO BE INSERTED ON PAGE 69

### E. commerce Sub-Area Planning

- E-Commerce study driven Sub-Area Redevelopment Plan for Merrillville at 61<sup>st</sup>.

Total Cost	Federal Cost	Local Match - LPA
\$75,000	\$60,000	\$ 15,000

**Budget Line Item: Planning Contractual**

### Old Plank Road Trail Study

- This project will assess the feasibility of extending the Old Plank Road Trail from its current terminus in Chicago Heights, east through the Villages of Ford Heights, Sauk Village, and Lynwood and Towns of Dyer and Schererville, to connect to the Pennsy Greenway in Indiana. The purpose of the study is to evaluate and identify preferred trail alignments, including the land adjacent to the Canadian National rail corridor, and develop a scope of work that can be carried forward for further development. The recommendations will be based on engineering analysis, as well as stakeholder and community input and preferences, and will lay the basic groundwork for a finance strategy, railroad agreements, cost of preliminary engineering, design and engineering, right-of-way acquisition, and phased construction of the trail extension.

In September of 2020, the Village of Sauk Village received an Invest in Cook County grant for \$300,000 to complete work on the study in Illinois. As part of their application, letters of support were submitted by NIRPC, and both Schererville and Dyer. This request aims to provide up to \$50,000 for work to include the Indiana portion of this project scope.

Total Cost	Federal Cost	Local Match – NIRPC
\$ 50,000	\$ 40,000	\$ 10,000

**Budget Line Item: Planning Contractual**

## 800 NIRPC Programs

### 800.1 e-TIP

TO BE INSERTED ON PAGE 74

- Ongoing Contract for Software as a Service from Eco-Interactive for rTIP in SFY 2021.

Total Cost	Federal Cost	Local Match – NIRPC
\$ 3,750	\$ 3,000	\$ 750.00

#### **Budget Line Item: STBG Contractual**

### 800.2 Air Quality Public Education

TO BE INSERTED ON PAGE 75

- Complete contractual payments for South Shore Clean Cities and Radio Campaign Contracts initiated in SFY 2020 but running through summer and into fall of SFY 2021.
- Complete Bike Map App, Bike Map Update, and Bike Map paper printing budgeted for in FY2020.

Total Cost	Federal Cost	<u>Local Match</u>		
		NIRPC	2020 approved in-kind	Other
\$ 107,804.08	\$ 86,243.26	\$ 2,204	\$ 3,362	\$15,995

#### **Budget Line Item: Environmental Contractual**

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