



MEMORANDUM

To: UWP Committee

From: Angela Manning-Hardimon
Deputy Executive Director, Finance and Administration

Date: February 10, 2017

Re: FY 2018 UWP Proposals

On January 3, 2017, a Call for Projects was made for FY 2018 UWP proposals. Eighteen total proposals were received with 9 for core projects and 9 for the competitive projects. It is anticipated that the FY 2018 UWP federal mark will be \$17,222,356. Presentations of all the proposals will be made to the UWP Committee at its meeting on February 15, with ranking of the competitive proposals due by February 27, and final action of the FY18 program at its March 8 meeting.

The chart at the end of this report reflects the approved amounts for the FY 2017 funded projects and the FY 2018 proposals. In all cases, the federal funds are being requested at the 80% level. The chart reflects both the federal funds and the total project cost.

CORE PROPOSALS

CMAP – MPO Activities

CMAP is responsible for the implementation of the region's long range plan GO TO 2040; development of the new regional long-range plan ON TO 2050; supporting local planning efforts; collecting, analyzing and disseminating transportation data; supporting required MPO activities such as the TIP and Congestion Management Process; performing a range of transportation studies; providing technical assistance; and engaging in coordinated regional outreach. Some of the major areas to be addressed in this program include transportation financing and tax policy, the connections between transportation and economic development (with a focus on the freight industry), housing/job access, and legislative and policy analysis efforts. CMAP provides regional forecasts and planning evaluations for transportation, land use and environmental planning. The FY 2018 proposal is for \$16,775,195 an increase of 5.2% over last year.

Chicago Department of Transportation – Chicago Transportation Planning and Programming

To support local, regional and national objectives by providing for the participation of the City of Chicago in the MPO's transportation planning and programming process including: the development of the long range plan and the TIP, by identifying and developing potential transportation projects and policies; and by providing technical analysis and other information to agencies, elected officials and the general public. Such policy, funding and planning assistance facilitates the full and effective participation of Chicago in the regional planning process. CDOT submitted a proposed increase from \$825,000 to \$837,500 for the core project, an increase of 1.5%.

County – McHenry County Transit Plan Update

Traditionally the seven Counties have submitted a core proposal each year for one of the Counties to review and update policies, strategies and projects to meet regional transportation needs. The FY18 project will update the Transit Component of the McHenry County 2040 Long Range Transportation Plan by assessing the current market conditions for successful transit service and determining appropriate transit solutions to address underserved areas of the County. FY17 funded Lake County's Paratransit Market Study at \$250,000. The FY18 proposal for McHenry County is for \$200,000.

Council of Mayors – Subregional Transportation Planning, Programming and Management

To provide for strategic participation by local officials in the region's transportation process as required by MAP-21, the FAST Act, the Regional Planning Act, and further legislation. To support the Council of Mayors by providing program development, monitoring and active management of STP, CMAQ, TAP, SRTS, BRR, HPP, ITEP and other programs as needed, general liaison services, technical assistance and communication assistance. For FY17, COM was funded for \$1,938,539 and is requesting increased funding at \$2,035,466 for FY18, an increase of 5%.

CTA – Program Development

The purpose of this program is to support regional objectives by providing for the strategic participation of CTA in the region's transportation planning process including the development of the Regional Transportation Program (RTP) and the Transportation Improvement Program (TIP). It will facilitate CTA's efforts to coordinate the provision of capital projects for customers in its service area with regional programs and plans. For FY17, CTA was funded at \$500,000 for program development and is requesting \$593,750 for FY18, an increase of 18.75%.

Metra – Program Development

The proposal is for program development of capital transit planning and administration. Metra's FY17 funding level was approved at \$400,000 and is requesting an increase for FY18 to \$450,000, an increase of 12.5%.

Pace – Ridesharing Services Program

The Pace Rideshare Program aims to reduce the number of single occupancy vehicle trips in the Northeastern IL area by providing free commuter assistance. Services include transportation coordination and analysis to encourage use of options such as public

transportation/ridesharing/biking, open seats announcements, assistance with forming rideshare groups, an online ride-matching website and a toll-free phone line. Pace's FY17 approved funding was for \$75,000. For FY18, Pace is requesting an increase in funding to \$100,000, which is a 33.3% increase.

Pace – TIP Development and Modeling

The program develops a fiscally constrained Pace Bus Capital Improvement Program for the Northeastern Illinois Region, which is consistent with and in support of the five-year regional TIP. Pace submitted this core project at the same funding level as the previous year, \$75,000.

RTA – 2018 Regional Transit Strategic Planning Support

The RTA in partnership with the Service Boards (CTA, Metra and Pace) is undertaking the 2018 Regional Transit Strategic Plan (the 2018 Strategic Plan). The Strategic Plan is required by Illinois State statute to be updated every 5-years. The 2018 Strategic Plan will articulate goals and priorities for the transit agencies over the next five years. Staff began work in 2016 with a series of foundational studies that will inform Stakeholder outreach in early 2017. The plan will be drafted in mid-2017, distributed for public comment in fall 2017, and presented to the RTA Board for adoption in early 2018. Once adopted, it will be distributed and RTA staff will shift focus to implementing the plan. The RTA and CMAP are coordinating respective agencies' work on the 2018 Regional Transit Strategic Plan and the ON TO 2050 Plan on an ongoing basis. In FY17, the UWP allocation of \$100,000 was utilized for Regional Transit Planning Staff support. The FY18 UWP request for this effort is \$200,000.

COMPETITIVE PROPOSALS

CMAP, with suballocation to RTA, depending on Projects – Local Technical Assistance and Community Planning Programs

This project will provide grants and consultant assistance to local governments to undertake planning activities that integrate transportation - particularly transit - with land use and housing. These grants will be available for planning activities as well as updates and reviews of local development regulations. Projects will be selected through a competitive application process administered jointly by CMAP and the RTA. This level of funding will support approximately 8 local plans and several smaller-scale follow-up activities. The program was funded at \$500,000 for FY17 and is requested at \$750,000 for FY18.

Chicago Department of Transportation – CREATE Program Planning Support – Passenger and Commuter Rail

The CREATE Program is a unique public-private partnership between CDOT, IDOT, USDOT, and the railroads serving the Chicago region. Over the past decade it has made significant progress towards addressing severe capacity constraints affecting freight trains, providing both public and private benefits. The major upcoming CREATE projects are critical to improving regional commuter and passenger rail capacity and service. CDOT needs technical, planning, policy, and strategy support services to ensure that the remaining CREATE investments maximizes public benefit. CDOT in FY17 had one competitive project funded at a level of \$246,250. FY18 funding for this project is requested at \$300,000.

Chicago Department of Transportation – Video Analytics Utilized for AADT Collection

The Chicago Department of Transportation (CDOT) began a project in 2015 to integrate all sources of traffic data into a single centralized Advanced Traffic Management System (ATMS). The ATMS has over 15 interfaces and feeds from external entities planned, and in turn will provide this data for real time operations and planning to multiple Chicago area agencies. One of the most exciting data sources is the shared video usage of traffic cameras from the Office of Emergency Management and Communications (OEMC). The OEMC has amassed video from over 20,000 feeds from various types and locations within the City of Chicago. This video is currently used for public safety purposes. CDOT is proposing to develop a process and software for taking traffic counts citywide routinely utilizing the OEMC cameras and integrating a continuous traffic counting mechanism to the ATMS. Materials, methodologies, and lessons learned from this study will be provided to other municipalities and agencies for use in developing their own video analytics for traffic studies. Additionally, the AADTs will be shared with all transportation agencies and public facing modes as needed. The last citywide traffic counts were taken in 2006 at a total cost of over \$1 million. The proposal is for \$250,000.

CTA – Blue Line Traction Power Study for Inform Core Capacity

The purpose of the project is to conduct a comprehensive load flow study to assess traction power needs on the Blue Line, which will inform conceptual planning activities for a future Blue Line Core Capacity project to improve the line’s capacity and reliability. The need for this project is supported by increasing Blue Line ridership, correlating with population shifts and new developments along the corridor. A load flow study will enable CTA to optimize its current assets and improve its rail infrastructure to accommodate the line’s rapid increase in ridership and current high demand. CTA in FY17 has one competitive project funded at \$800,000. FY18 funding requested for this project is \$625,000.

CTA – Core Capacity Expansion for Red and Purple Line Modernization – Next Phases

The purpose of this project is to support conceptual planning and National Environmental Policy Act (NEPA) compliance determination for the next Phase of the Red and Purple Modernization (RPM) Core Capacity program, which is being delivered in phases in order to bring improvements sooner to the people who rely on the CTA Red and Purple lines. This proposed UWP project is to determine the scope of the next phases of RPM, including RPM Phase Two. This project is necessary to identify the elements of the RPM Program that need to be pursued next. This project will include the capacity analysis, conceptual engineering, and early environmental review necessary to identify the next phases of RPM and all materials necessary to request entry into the project development phase of the FTA’s Capital Investment Grant Program for RPM Phase Two. The proposal request is for \$800,000.

Metra – Origin-Destination Survey

The proposal is to update the existing (2016, 2014, 2006, 2002) data on: (1) Metra riders’ modes of access to and egress from all 240 Metra non-downtown year-round stations; (2) locations of Metra riders’ homes (“productions”) and non-home destinations (“attractions”); (3) Metra riders’ trip purposes, and (4) usage of different ticket types. This project would be conducted

concurrently with Metra “Station/Train Boarding and Alighting Counts” data-collection project. The proposal is for \$464,466.

Metra – Station/Train Boarding and Alighting Count

The proposal would measure weekday passenger use at the rail station/train level, complementing other regularly collected ridership data which are at more aggregate levels of detail. The proposal is for \$507,283.

Pace – 2040 Comprehensive Plan Update

An update of Pace’s Strategic Plan Vision 2020 – timeframe to 2040. This proposal is for \$275,000.

Pace – Cost-Benefit Analysis of Pace Rapid Transit Program

This project will involve utilizing FTA’s STOPS (Simplified Trips-on-Project Software) to evaluate the future development of the Pace Rapid Transit Program, including both Pulse Arterial Rapid Transit and the Expressway-Based Bus system. This proposal is for \$200,000.

Agency	Project Title	FY 2017 Proposals- Federal funds	FY 2017 Proposals- Total funds	FY 2018 Proposals- Federal funds	FY 2018 Proposals- Total funds
Core					
CMAP*	MPO Activities	\$12,754,480	\$15,943,100	\$13,420,156	\$16,775,195
City of Chicago (CDOT)	City of Chicago Transportation and Programming	700,000	875,000	670,000	837,500
Council of Mayors	Subregional Transportation Planning, Programming, and Management	1,430,744	2,004,439	1,628,373	2,035,466
CTA	Program Development	475,000	593,750	475,000	593,750
<i>Lake County</i>	<i>Paratransit Market Study</i>	<i>200,000</i>	<i>250,000</i>		
McHenry County	Transit Plan Update			160,000	200,000
Metra	Program Development	360,000	450,000	360,000	450,000
Pace	Rideshare Services Program	80,000	100,000	80,000	100,000
Pace	TIP Development and Modeling	60,000	75,000	60,000	75,000
RTA	Regional Transit Planning Staff Support	160,000	200,000	160,000	200,000
Total of Core		\$16,220,224	\$20,491,289	\$17,013,529	\$21,266,911
Competitive					
CMAP/suballocation to RTA	Local Planning Assistance- Community Planning Program	<i>400,000</i>	<i>500,000</i>	600,000	750,000
CDOT	CREATE Program Planning Support - Passenger & Commuter Rail			240,000	300,000
CDOT	Video Analytics Utilized for AADT Collection			200,000	250,000
CDOT	Multimodal Crash Analysis Study	<i>197,000</i>	<i>246,250</i>		
<i>CDOT</i>	<i>Livable Streets: Make Way for People Implementation Plan and Analysis</i>	<i>96,000</i>	<i>120,000</i>		
<i>CDOT</i>	<i>Pedestrian and Bicycle Count Study</i>	<i>320,000</i>	<i>400,000</i>		
<i>CDOT</i>	<i>Southwest Industrial Corridor Transportation Study (SWICT)</i>	<i>160,000</i>	<i>200,000</i>		
CTA	Blue Line Traction Power Study			500,000	625,000
CTA	Next Phases - Red / Purple Modernization (RPM) Core Capacity Expansion			640,000	800,000
CTA	South Halsted Corridor Enhanced Bus Feasibility and Planning Study	<i>640,000</i>	<i>800,000</i>		
CTA	<i>Core Capacity Expansion for Red & Purple Line Modernization (RPM) Phase Two</i>	<i>400,000</i>	<i>500,000</i>		

Agency	Project Title	FY 2017 Proposals- Federal funds	FY 2017 Proposals- Total funds	FY 2018 Proposals- Federal funds	FY 2018 Proposals- Total funds
Metra	Origin-Destination Survey	412,000	515,000	371,573	464,467
Metra	Station/Train Boarding and Alighting Count	448,000	560,000	405,826	507,283
Pace	Pace 2040 Comprehensive Plan Update			220,000	275,000
Pace	Cost-Benefit Analysis of Pace Rapid Transit Program			160,000	200,000
<i>Pace</i>	<i>Pace Hispanic User/Non User Market Analysis Study</i>	<i>148,000</i>	<i>185,000</i>		
Total Competitive		\$3,221,000	\$4,026,250	\$3,337,399	\$4,171,750
Total programs		\$19,441,224	\$24,517,539	\$20,350,928	\$25,438,661
		\$17,104,664	FY 2017 UWP Fed Mark	\$17,222,356	FY 2018 UWP Fed Mark*

Italics-grey: represents projects applied for, but did not receive funding in previous UWP FY 17

Italics-blue: represents project applied for and funded in previous UWP FY17

Italics-red: represents projects applied for, approved, but received less funding than original proposed FY17 budget

*estimated as of 2/10/2017