ITEM 7 – Action March 17, 2021

An Amendment to the FY 2021 UPWP, and FY 2021 Carryover Funding to FY 2022

Action: Adopt Resolutions R13-2021 and

R14-2021 to approve the amendment to

the FY 2021 UPWP and the FY 2021

carryover funding to FY 2022.

Background: The Unified Planning Work Program

(UPWP) is an annual work statement that identifies planning priorities and activities to be carried out within a metropolitan planning area. It serves as the TPB staff's work scope for the year. Certain projects and budgets in the current FY 2021 UPWP have been identified to be removed from the FY 2021 UPWP and carried over to FY 2022. The board will be briefed on the enclosed amendment to the FY 2021 UPWP and associated FY 2021 carryover

funding to FY 2022.

NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD 777 North Capitol Street, N.E. Washington, D.C. 20002

RESOLUTION TO AMEND THE FY 2021 UNIFIED PLANNING WORK PROGRAM (UPWP) TO REVISE THE BUDGET AND WORK ACTIVITIES

WHEREAS, the National Capital Region Transportation Planning Board (TPB), which is the metropolitan planning organization (MPO) for the Washington Region, has the responsibility under the provisions of Fixing America's Surface Transportation (FAST) Act for developing and carrying out a continuing, cooperative, and comprehensive transportation planning process for the Metropolitan Area; and

WHEREAS, the Statewide and Metropolitan Transportation Planning rule as published in the May 27, 2016 Federal Register by the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA) require a Unified Planning Work Program (UPWP) for Transportation Planning; and

WHEREAS, the UPWP is required as a basis and condition for all funding assistance for transportation planning to state, local, and regional agencies by the FHWA and FTA; and

WHEREAS, the FY 2021 UPWP for the Washington Metropolitan Area was approved by the TPB on March 18, 2020; and

WHEREAS, revised work activities and budgets for projects in the FY 2021 UPWP have been developed by staff, the District Department of Transportation (DDOT), the Maryland Department of Transportation (MDOT), the Virginia Department of Transportation (VDOT), and the Washington Metropolitan Area Transit Authority (WMATA) to modify projects and identify funding which will be carried over into FY 2022, as described in the attached materials; and

WHEREAS, at its February 5 and March 5, 2021 meetings, the TPB Technical Committee was briefed on the proposed revised work activities and budgets for projects in the FY 2021 UPWP, and recommended approval of these revisions by the TPB;

NOW, THEREFORE, BE IT RESOLVED THAT the National Capital Region Transportation Planning Board amends the FY 2021 UPWP to include revised work activities and budgets, as described in the attached Memorandum of March 11, 2021 entitled: "FY 2021 Unified Planning Work Program (UPWP) Amendments to Budgets and Work Activities."

NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD 777 North Capitol Street, N.E. Washington, D.C. 20002

RESOLUTION TO APPROVE CARRYOVER FUNDING FROM FY 2021 TO THE FY 2022 UNIFIED PLANNING WORK PROGRAM (UPWP)

WHEREAS, the National Capital Region Transportation Planning Board (TPB), which is the metropolitan planning organization (MPO) for the Washington Region, has the responsibility under the provisions of Fixing America's Surface Transportation (FAST) Act for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the Metropolitan Area; and

WHEREAS, the Statewide and Metropolitan Transportation Planning rule as published in the May 27, 2016 Federal Register by the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA) require a Unified Planning Work Program (UPWP) for Transportation Planning; and

WHEREAS, the UPWP is required as a basis and condition for all funding assistance for transportation planning to state, local, and regional agencies by the FHWA and FTA; and

WHEREAS, the FY 2021 UPWP for the Washington Metropolitan Area was approved by the TPB on March 18, 2020; and

WHEREAS, project work activities and budgets for carryover from FY 2021 to FY 2022 have been developed for the core program and for the Technical Assistance Programs of the District Department of Transportation (DDOT), the Maryland Department of Transportation (MDOT), the Virginia Department of Transportation (VDOT), and the Washington Metropolitan Area Transit Authority (WMATA);

WHEREAS, at its February 5 and March 5, 2021 meetings, the TPB Technical Committee was briefed on the proposed revised work activities and budgets for carryover from FY 2021 to FY 2022, and recommended approval of these revisions by the TPB;

NOW, THEREFORE, BE IT RESOLVED THAT the National Capital Region Transportation Planning Board approves the work activities and budgets for carryover funding from FY 2021 to FY 2022 as described in the attached Memorandum of March 11, 2021 entitled "FY 2021 Unified Planning Work Program (UPWP) Amendments to Budgets and Work Activities."



MEMORANDUM

TO: National Capital Region Transportation Planning Board

FROM: Lyn Erickson, TPB Plan Development and Coordination Program Director

SUBJECT: Draft FY 2021 Unified Planning Work Program (UPWP) Amendments to Budgets and Work

Activities, Including "Carryover" Amounts

DATE: March 11, 2021

The Board will be asked to amend the FY 2021 Unified Planning Work Program (UPWP) at its March 17, 2021 meeting, to remove certain work activities and associated funding amounts and to approve "carrying over" this funding into the draft FY 2022 UPWP. This memo was presented at the February meeting and there is one change. This memo now reflects an additional \$14,000 that will be carried over in the Virginia Technical Assistance budget earmarked for Bike/Ped/Scooter Counts.

The amendment to remove work activities and funding reflects staff's determination that the work activities will not be completed in the remaining months of FY 2021 (between now and June 30, 2021). Two independent actions will occur: 1) the FY 2021 UPWP will be amended to remove funding, and 2) this funding will be "carried over" into the FY 2022 UPWP.

This memorandum identifies the revisions to the specific work activities and changes to the budget amounts in the FY 2021 UPWP that are to be "carried over" into the new FY 2022 UPWP. The proposed amendment and "carry over" funding and activities were reviewed by the state funding and oversight agencies: the District Department of Transportation (DDOT), the Maryland Department of Transportation (MDOT) the Virginia Department of Transportation (VDOT), and the Virginia Department of Rail and Public Transportation (DRPT).

SUMMARY OF BUDGET REVISIONS

Staff recommends that the current FY 2021 UPWP be amended to reduce the total budget for the basic UPWP by \$2,787,377 to reflect work activities that are not anticipated to be completed during the remaining part of fiscal year ending June 30, 2021 OR work activities being deferred. Staff recommends this amount and work activities be "carried over" to the FY 2022 UPWP to support continued work on these activities and other activities planned for FY 2022. The proposed FY 2021 UPWP amendment budget amounts and distribution are listed in Tables 1, 2, and 3 which are attached to this memo.

CHANGES TO FY 2021 UPWP ACTIVITIES AND BUDGETS

The \$2,787,377 recommended reduction in budget would be in the core program's work activity budget and the combined Technical Assistance program budget. These amounts will be carried over to the FY 2022 UPWP core program and Technical Assistance.

The breakdown of the funds within the core program recommended to be carried over is as follows:

- Task 3 Planning Elements: Carry over \$250,000. Of the \$250,000, \$100,000 is from the Congestion Management Program, \$100,000 from Systems Performance, Operations, and Technology (SPOT) Planning, and \$50,000 from Freight Planning activities. The FY 2021 funding was provided to support several activities within Planning Elements now recommended to be modified and/or better accomplished in FY 2022, including the following:
 - The \$100,000 being carried over from the Congestion Management Process activity
 was intended for the development of jurisdictional and/or corridor-based congestion
 profiles. This activity is recommended to be deferred on account of the disruption in
 the travel patterns on account of the COVID-19 pandemic. This funding will be
 applied in FY 2022 toward the TPB's new Regional Roadway Safety Program.
 - The \$100,000 being carried over from SPOT planning activity is being deferred to FY 2022. \$50,000 of this funding will be applied in FY 2022 toward the TPB's new Regional Roadway Safety Program; and \$50,000 will be for an activity related to Connected/Automated Vehicles (CAV) technology activities. A number of webinars held in FY 2021 will inform the next set of CAV activities in FY 2022.
 - The \$50K being carried over from the regional Freight Planning activity will be applied towards an enhanced update to the Freight Plan, information from which will be incorporated into the 2022 update to Visualize 2045.
- 2. <u>Task 5 Travel Forecasting:</u> Carry over \$660,000 in funding budgeted for consultant support services to assist with developing the TPB's next-generation travel demand forecasting model, to be known as the Gen3 Travel Model. This three-year project is scheduled to occur from FY 2020 through FY 2023. \$200,000 will be carried over for a model-development related data purchase that did not occur in FY 2021. Thus, the total amount to be carried over for Travel Forecasting is \$860,000.
- 3. <u>Task 6 Mobile Emissions Planning:</u> Carry over \$25,000 from other miscellaneous direct costs that were not used in FY 2021, but which could be allocated in FY 2022 to help fund the TPB Climate Change Mitigation Study (CCMS) of 2021.
- 4. Task 7 Travel Monitoring and Data Programs: Carry over \$506,000 in funding budgeted for consultant services and data purchases to initiate geographic-focused travel surveys, enhance the travel trends and monitoring program by developing enhanced visualizations, and to acquire big data products following completion of the Big Data evaluation study. The disruption in travel due to the COVID-19 pandemic was determined to be an inopportune time for additional travel surveys and monitoring activities. The ongoing consultant-assisted examination of the MPO's data needs and assessment of available big data is anticipated to be complete by end of FY 2021, and it will provide a road map for data purchases and analyses tasks in the future.

- 5. Task 8 Planning Scenarios and Socioeconomic Forecasting: Carry over \$60,000 in funding budgeted for data purchases and training into various FY 2022 core activities. A consultant contract will be completed in FY 2021 to build organizational awareness and staff training in scenario planning. The cost, if any, of future planning scenario tools that may be acquired is not yet known. Resources will be identified in other program areas to support this acquisition if it is necessary.
- 6. Task 11 Technical Assistance: The Technical Assistance program provides funding to the three state Departments of Transportation (DOT) and the region's public transportation agencies to assist in planning studies and travel monitoring activities that support regional planning. Staff and the DOTs have identified a total amount of \$1.086 million to be carried over. This carry over is largely due to budget underruns and insufficient time during the remaining fiscal year to initiate and complete any new activity. The breakdown of the funds within the Technical Assistance program recommended to be carried over is as follows:
 - The District of Columbia's budget will carry over \$222,966 with \$30,000 earmarked for the Regional Safety Program (RSP) and the rest (\$192,966) toward the various core FY 2022 activities.
 - The Maryland Technical Assistance budget will carry over \$477,804 with \$35,000 earmarked for the RSP and the rest (\$442,804) toward the various core FY 2022 activities.
 - The Virginia Technical Assistance budget will carry over \$193,977 with \$14,000 earmarked for Bike/Ped/Scooter Counts, \$35,000 earmarked for the RSP, and the rest (\$144,977) toward the various core FY 2022 activities.
 - The Regional Public Transportation Assistance budget will carry over \$191,630 with \$135,000 earmarked for the Transit Within Reach technical assistance grant program and \$56,630 to develop a regional High-Capacity Transit station map graphic.

Table 1: FY 2020 UPWP Revenues Estimates by Source – As Amended (July 1, 2020 to June 30, 2021)

	FTA SECT 5303 80% FED & 20% STA/LOC	FHWA PL FUNDS 80% FED & 20% STA/LOC	FAA CASP 90%/ 10% FED/ LOC	TOTALS						
DDOTALLOCATIONS										
NEW FY 2021	\$424,649	\$1,919,540		\$2,344,189						
PRIOR UNEXPENDED	\$84,842	\$392,674		\$477,516						
CARRYOVER FY 2020	\$129,624	\$428,605		\$558,229						
SUBTOTAL - DC	\$639,115	\$2,740,818		\$3,379,934						
MDOTALLOCATIONS										
NEW FY 2021	\$1,154,124	\$3,178,133		\$4,332,257						
PRIOR UNEXPENDED	\$260,929	\$765,798	/	\$1,026,727						
CARRYOVER FY 2020	\$396,068	\$909,870		\$1,305,938						
SUBTOTAL - MD	\$1,811,121	\$4,853,801		\$6,664,922						
	VDRPT & VDOT AL	LOCATIONS								
NEW FY 2021	\$996,234	\$2,728,885		\$3,725,119						
PRIOR UNEXPENDED	\$213,790	\$643,600		\$857,390						
CARRYOVER FY 2020	\$298,664	\$697,149		\$995,812						
SUBTOTAL - VA	\$1,508,687	\$4,069,633		\$5,578,321						
TO	TAL FHWA/FTA FUND	ING ALLOCATIONS								
NEW FY 2021	\$2,575,007	\$7,826,558		\$10,401,565						
PRIOR UNEXPENDED	\$559,561	\$1,809,509		\$2,361,633						
CARRYOVER FY 2020	\$824,355	\$2,035,624		\$2,859,979						
SUB-TOTAL - FHWA-FTA	\$3,958,924	\$11,671,690		\$15,623,177						
TOTAL BASIC UPWP	\$3,958,924	\$11,671,690		\$15,623,177						
FAA - CASP PROGRAM			\$475,000	\$475,000						
GRAND TOTAL UPWP	\$3,958,924	\$11,671,690	\$475,000	\$16,098,177						
Breakdown of FY 2021 UPWP										
Carryover Amounts	FTA	FHWA		Total						
DDOT Allocations	\$113,355 \$321,223	\$486,116 \$860,878		\$599,471 \$1,182,102						
MDDOT Allocations VDRPT & VDOT Allocations	\$321,223 \$267,583	\$738,221		\$1,182,102						
12 6.120	\$702,161		\$2,787,377							

^{1. &}quot;New FY2021" FTA funding amounts from DDOT are at FY 2020 levels and may be updated.

^{2. &}quot;Prior Unexpended" funding amounts are yet to be confirmed and may change.

^{3. &}quot;Carryover FY 2020 funds" are funds budgeted for Core and Technical Assistance work program activities in FY 2020 UPWP that are not anticipated to be spent in FY 2020. As such these funds will be carried over from FY 2020 to be used to perform Core program and Tech. Assistance activities in FY 2021.

^{4.} As part of the Continuous Air System Planning work we anticipate receiving funds from FAA to support their biennial Air Passenger Survey and assist in Ground Access planning work.

Table 2: FY 2021 UPWP Expenditures - As Amended

WORK ACTIVITY	FY 2021 TOTAL APPROVED	FY 2021 REVISED	Difference	
A. CORE PROGRAMS				
1. Long-Range Transportation Planning	\$1,085,010	\$1,085,010		
2. Transportation Improvement Program	\$438,484	\$438,484		
3. Planning Elements	\$2,952,916	\$2,702,916	-\$250,000	
4. Public Participation	\$1,018,896	\$1,018,896		
5. Travel Forecasting	\$3,846,492	\$2,986,492	-\$860,000	
6. Mobile Emissions Planning	\$1,835,592	\$1,810,592	-\$25,000	
7. Travel Monitoring and Data Programs	\$2,164,395	\$1,658,395	-\$506,000	
8. Planning Scenarios and Socioeconomic Forecasting	\$1,530,943	\$1,470,943	-\$60,000	
9. Mobility and Enhancement Programs	\$624,452	\$624,452		
10. TPB Management and Support	\$858,370	\$858,370		
Sub-total: Core Program	\$16,355,551	\$14,654,551	-\$1,701,000	
B. TECHNICAL ASSISTANCE	/			
A. District of Columbia	\$294,366	\$71,400	-\$222,966	
B. Maryland	\$807,804	\$330,000	-\$477,804	
C. Virginia	\$578,977	\$385,000	-\$193,977	
D. WMATA	\$373,856	\$182,226	-\$191,630	
Sub-total: Technical Assistance Program	\$2,055,003	\$968,626	-\$1,806,377	
Total - Basic UPWP	\$18,410,554	\$15,623,177	-\$1,086,377	
C. AIR SYSTEMS PLANNING				
1. Continuous Airport System Planning (CASP)	\$475,000	\$475,000		
Sub-total: CASP	\$475,000	\$475,000		
/				
GRAND TOTAL UPWP	\$18,885,554	\$16,098,177	-\$2,787,377	

Amended amounts in **bold** font

	COG Lal	oor Cost	Total	COG Labor	Suppler	mental	Total Labor	Total	Direct Co	osts (Impleme	ntation)	Total Prgrm.	Grand
	DTP	Other	COG	Fringe	Lak	or	& Fringe	Indirect	Sftwre,	Consultant	Other	Implmntn.	Total
UPWP - Work Activity	Staff	Staff	Staff	Cost	Interns	Temps	Cost	Cost	Data, PC	Assistance	Costs	Direct Cost	Cost
CORE PROGRAMS													
1. Long-Range Transportation Planning	\$406,631	\$0	\$406,631	\$102,837	\$0	\$0	\$509,467	\$303,643	\$5,000	\$260,000	\$6,900	\$271,900	\$1,085,010
2. Transportation Improvement Program	\$133,767	\$0	\$133,767	\$33,830	\$0	\$0	\$167,596	\$99,887	\$170,000	\$0	\$1,000	\$171,000	\$438,484
3. Planning Elements	\$1,018,981	\$31,997	\$1,050,978	<i>\$265,792</i>	\$0	\$0	\$1,316,771	\$784,795	\$12,500	\$552,500	\$36,350	\$601,350	\$2,702,916
4. Public Participation	\$408,524	\$0	\$408,524	\$103,316	\$0	\$0	\$511,840	\$305,057	\$2,000	\$0	\$100,000	\$202,000	\$1,018,896
5. Travel Forecasting	\$1,036,439	\$0	\$1,036,439	\$262,115	\$0	\$0	\$1,298,554	\$773,938	\$362,000	\$488,000	\$64,000	\$914,000	\$2,986,492
6. Mobile Emissions Planning	\$712,106	\$91,339	\$803,446	\$203,191	\$0	\$0	\$1,006,637	\$599,956	\$30,000	\$70,000	\$104,000	\$204,000	\$1,810,592
7. Travel Monitoring And Data Programs	\$647,068	\$0	\$647,068	\$163,643	\$0	\$0	\$810,711	\$483,184	\$153,740	\$176,760	\$34,000	\$364,500	\$1,658,395
8. Planning Scenarios And Socio Economic Forecasting	\$212,159	\$243,147	\$455,306	\$115,147	\$0	\$0	\$570,453	\$339,990	\$290,000	\$215,000	\$55,500	\$560,500	\$1,470,943
9. Mobility And Enhancement Programs	\$108,207	\$44,580	\$152,787	\$38,640	\$35,360	\$0	\$226,787	\$135,165	\$1,000	\$260,000	\$1,500	\$262,500	\$624,452
10. TPB Support and Management	\$296,775	\$0	\$296,775	\$75,054	\$0	\$0	\$371,829	\$221,611	\$3,565	\$44,563	\$216,800	\$264,928	\$858,370
UPWP Core Program Total	\$4,980,656	\$411,064	\$5,391,720	\$1,363,566	\$35,360	\$0	\$6,790,646	\$4,047,226	\$1,322,565	\$3,550,063	\$645,050	\$3,816,678	\$14,654,551
TECHNICAL ASSISTANCE													
A. District of Columbia	\$35,707	\$0	\$35,707	\$9,030	\$0	\$0	\$44,737	\$26,663	\$0	\$0	\$0	\$0	\$71,400
B. Maryland	\$51,782	\$0	\$51,782	\$13,096	\$0	\$0	\$64,878	\$38,667	\$0	\$175,000	\$51,455	\$226,455	\$330,000
C. Virginia	\$34,789	\$0	\$34,789	\$8,798	\$0	\$0	\$43,588	\$25,978	\$0	\$150,000	\$165,434	\$315,434	\$385,000
D. WMATA	\$7,311	\$0	\$7,311	\$1,849	\$0	\$0	\$9,160	\$5,459	\$0	\$38,000	\$129,606	\$167,606	\$182, <i>2</i> 26
Technical Assistance Program Total	\$171,449	\$0	\$171,449	\$43,359	\$0	\$0	\$214,809	\$128,026	\$0	\$502,262	\$1,209,907	\$709,496	\$968,626
Total Basic Program	\$5,152,105	\$411,064	\$5,563,169	\$1,406,925	\$35,360	\$0	\$7,005,455	\$4,175,252	\$1,322,565	\$4,052,325	\$1,854,957	\$4,526,174	\$15,623,177
CONTINOUS AIRPORT SYSTEM PLANNING	\$172,853	\$0	\$172,853	\$43,715	\$0	\$0	\$216,568	\$129,074	\$0	\$129,358	\$0	\$129,358	\$475,000
GRAND TOTAL	\$5,324,958	\$411,064	\$5,736,022	\$1,450,640	\$35,360	\$0	\$7,222,022	\$4,304,326	\$1,322,565	\$4,181,683	\$1,854,957	\$4,655,532	\$16,098,177

UNIFIED PLANNING WORK PROGRAM (UPWP)

Board Actions

Lyn Erickson
Plan Development and Coordination Program Director

Transportation Planning Board March 17, 2021



TPB actions March 17, 2021

- Adopt Resolution R13-2021
 Action to amend the 2021 UPWP to remove funding to be "carried over" to FY 2022
- Adopt Resolution R14-2021
 Action to approve "carryover" funding from FY 2021 to FY 2022
- Adopt Resolution R15-2021
 Action to approve FY 2022 UPWP



Carry Over and FY 2021 Amendment

- The total FY 2022 revenue comes from 3 "buckets" of funding through the state DOTs:
 - "New" fiscal year funding (Federal FY 2021)
 - "Old" funding from last year's UPWP (FY 2020) obligated to the MPO but not spent (called "unexpended")
 - "Carryover" funding from current year UPWP (FY 2021) that we anticipate not being able to spend by June 30, 2021
- Carry over \$2,787,377 from Tasks 3, 5, 6, 7, 8, 11
- Total FY 2022 UPWP \$18,035,794



Next steps after TPB action

- Submit FY 2022 UPWP to U.S.
 Department of Transportation (U.S. DOT)
- U.S. DOT takes 60 days to approve
- Receive funding authorization from DDOT, MDOT, VDOT, and VDRPT
- Start work on July 1!



TPB action

Staff recommends approval:

- Resolution R13-2021 to amend FY 2021 UPWP to remove funding to be "carried over" to FY 2022
- Resolution R14-2021 to approve "carryover" funding from FY 2021 to FY 2022
- Resolution R15-2021 to approve the FY 2022 UPWP



Lyn Erickson

Plan Development and Coordination Program Director (202) 962-3319 lerickson@mwcog.org

mwcog.org/tpb

Metropolitan Washington Council of Governments 777 North Capitol Street NE, Suite 300 Washington, DC 20002

