

**Amendment #4 to the
FY2022 and FY2023 Unified Planning Work Program
for Regional Transportation Planning**

The Unified Planning Work Program for Regional Transportation Planning (UPWP) is required by federal and State transportation planning regulations and provides a summary of the transportation and related air quality planning tasks to be conducted by the North Central Texas Council of Governments (NCTCOG) Transportation Department in support of the Metropolitan Planning Organization (MPO). The FY2022 and FY2023 UPWP identifies the activities to be carried out between October 1, 2021, and September 30, 2023. A full copy of the document can be found on NCTCOG's website at <https://nctcog.org/trans/study/unified-planning-work-program>.

Listed below is the fourth set of proposed modifications to the FY2022 and FY2023 UPWP. Included in these amendments are new initiatives, project updates, and funding adjustments.

The following modifications reflect new initiatives proposed for inclusion in the Unified Planning Work Program that have not yet been approved by the Regional Transportation Council:

- 2.01 Travel Forecasting Support – Preston Road Intersection Analysis (add initiative and \$50,000 Transportation Planning Funds [TPF] to support the analysis of grade separations along the Preston Road corridor)
- 2.01 Travel Forecasting Support – Identification of Employment–Housing Imbalances in the Region (add initiative and \$100,000 TPF for data analysis and technical support for the development of tools that can be used to identify employment-housing imbalances as part of the transportation planning process in relevant corridors and planning areas)
- 5.03 Land-use/Transportation Initiatives – Increasing Safe and Accessible Transportation Options (add dedicated initiative to support and track planning activities related to Complete Streets and Context Sensitive Design in response to the Infrastructure Investment and Jobs Act; existing TPF will be utilized)

The following modifications affect existing projects for which text updates or financial adjustments are being proposed:

FY2023 Budget Adjustments:

A reallocation of resources across various UPWP Subtasks, are noted in the tables below, resulting from NCTCOG's FY2023 budget development. The changes are highlighted by funding source – Transportation Planning Funds and non-Transportation Planning Funds (Congestion Mitigation and Air Quality Improvement Program, Department of Energy, Federal Transit Administration, Local, Regional Toll Revenue, Surface Transportation Block Grant Program, Texas Department of Transportation).

FY2022 and FY2023 Allocation of Transportation Planning Funds

Subtask	Subtask Title	2-Year Totals		
		Current	Proposed	Variance
1.01	Community Outreach	\$4,372,900	\$4,393,900	\$21,000
1.02	Program and Policy Administration	\$819,100	\$770,550	(\$48,550)
1.03	Fiscal Management and Information Systems	\$0	\$0	\$0
1.04	Computer System Applications and Data Management	\$765,200	\$767,200	\$2,000
	Subtask 1 - Administration and Management	\$5,957,200	\$5,931,650	(\$25,550)
2.01	Travel Forecasting Support	\$1,922,800	\$1,907,300	(\$15,500)
2.02	Transportation Data Development	\$463,400	\$464,100	\$700
2.03	Demographic Data and Forecasts	\$1,244,900	\$1,257,700	\$12,800
	Subtask 2 - Transportation Data Development and Maintenance	\$3,631,100	\$3,629,100	(\$2,000)
3.01	Transportation Project Programming	\$2,899,200	\$2,906,700	\$7,500
3.02	Regional Air Quality Planning	\$1,078,700	\$1,297,200	\$218,500
3.03	Air Quality Management and Operations	\$0	\$0	\$0
3.04	Public Transportation Planning	\$1,705,900	\$1,704,900	(\$1,000)
3.05	Transit Management and Operations	\$0	\$0	\$0
	Subtask 3 - Short-Range Planning and Programming, and Air Quality and Transit Operations	\$5,683,800	\$5,908,800	\$225,000
4.01	Metropolitan Transportation Planning	\$2,490,000	\$2,477,900	(\$12,100)
4.02	Coordination of Transportation and Environmental Planning Processes	\$527,200	\$511,600	(\$15,600)
4.03	Ensuring Equity, Nondiscrimination, and Environmental Justice in MPO Planning/Program Activities	\$413,900	\$453,900	\$40,000
4.04	Performance-Based Planning and Coordination	\$336,800	\$339,400	\$2,600
4.05	Understanding Public Return on Investment for Transportation Funding	\$98,200	\$98,200	\$0
4.06	Regional Passenger Rail Planning and Evaluation Process Development	\$100,000	\$105,800	\$5,800
	Subtask 4 – Metropolitan Transportation Plan	\$3,966,100	\$3,986,800	\$20,700

FY2022 and FY2023 Allocation of Transportation Planning Funds (Continued)

Subtask	Subtask Title	2-Year Totals		
		Current	Proposed	Variance
5.01	Regional Transportation Studies	\$1,376,400	\$1,366,400	(\$10,000)
5.02	Subarea Studies and Local Government Assistance	\$1,319,600	\$1,314,600	(\$5,000)
5.03	Land-Use/Transportation Initiatives	\$973,700	\$904,200	(\$69,500)
5.04	Transportation Asset Management	\$194,700	\$203,700	\$9,000
5.05	Congestion Management Planning and Operations	\$1,296,200	\$1,317,800	\$21,600
5.06	Regional Freight Planning	\$0	\$0	\$0
5.07	Transportation System Security and Emergency Preparedness	\$63,500	\$65,000	\$1,500
5.08	Roadway and Railroad Safety	\$633,900	\$642,800	\$8,900
5.09	Regional Aviation Planning and Education	\$125,900	\$260,600	\$134,700
5.10	Regional Military and Community Coordination	\$193,000	\$193,000	\$0
5.11	Transportation Technology and Innovation Program	\$688,400	\$606,400	(\$82,000)
5.12	Red River Navigation System Feasibility Study	\$0	\$0	\$0
5.13	North Texas Center for Mobility Technologies	\$0	\$0	\$0
	Subtask 5 – Special Studies	\$6,865,300	\$6,874,500	\$9,200
	Funding Totals	\$26,103,500	\$26,330,850	\$227,350

Non-TPF FY2023 Budget Adjustments

Funding Source	Amount	UPWP Subtasks
CMAQ	\$66,000	1.01 Community Outreach – Increase \$66,000
DOE	\$104,000	3.03 Air Quality Management and Operations – Increase \$104,000
FTA	\$67,000	5.03 Land-use/Transportation Initiatives – Increase \$67,000
Local	\$208,000	5.03 Land-use/Transportation Initiatives – Increase \$17,000 5.12 Red River Navigation System Feasibility Study – Increase \$191,000

Non-TPF FY2023 Budget Adjustments (Continued)

Funding Source	Amount	UPWP Subtasks
RTR	\$50,000	5.05 Congestion Management Planning and Operations – Increase \$50,000
STBG	\$173,000	3.01 Transportation Project Programming – Increase \$58,000 5.04 Transportation Asset Management – Increase \$71,000 5.05 Congestion Management Planning and Operations – Increase \$44,000

Specific Projects:

- I. Introduction – E. Planning Issues and Emphasis (update text, including Exhibit I-7, Planning Emphasis Areas, to reflect new Federal Highway Administration and Federal Transit Administration Planning Emphasis Areas and how NCTCOG is addressing or plans to address each of these areas)
- 1.04 Computer System Applications and Data Management – Database and Geographic Information System Management (program additional \$404,400 TPF to support ongoing activities related to the management of numerous and various data and Geographic Information System technologies for transportation projects and programs.
- 1.04 Computer System Applications and Data Management – Regional Digital Aerial Imagery (program additional \$606,200 Surface Transportation Block Grant [STBG] Program funds and \$151,600 Texas Department of Transportation funds to support ongoing activities related to the collection of digital imagery and update text to reflect additional work activities)
- 2.01 Travel Forecasting Support – Transportation Analytical Forecasting Tool (update text to reflect collaboration with the Argonne National Laboratory to improve the usability of NCTCOG’s future travel model as part of Argonne’s Department of Energy grant award that will extend Metropolitan Planning Organization modeling capabilities)
- 3.03 Air Quality Management and Operations – On-road Vehicle Emissions Project (delete project and remove \$2,475,000 STBG funds, matched with Transportation Development Credits (TDCs), as a result of the determination by the Federal Highway Administration that the project is not eligible for STBG funding)
- 3.03 Air Quality Management and Operations – Air Quality Initiatives: Fleets, Consumers, and Communities (program additional \$1,737,000 STBG funds, matched with TDCs, to support ongoing activities to reduce emissions from the transportation sector and update text to reflect consideration of the Justice40 initiative)
- 3.03 Air Quality Management and Operations – Clean Fleet Technologies Program (update text to reflect administration of a Call for Projects to fund EV charging stations, which will consider the Justice40 initiative in project selection)
- 3.03 Air Quality Management and Operations – Dallas-Fort Worth Clean Cities (update text to reflect consideration of the Justice40 initiative)

- 3.04 Public Transportation Planning – Regional Public Transportation Coordination (update text to reflect consideration of the Justice40 initiative)
- 3.05 Transit Management and Operations – Sustainability and Innovative Solutions for Transit (program additional \$523,000 Regional Toll Revenue [RTR] funds to support ongoing activities related to the coordination and implementation of sustainable transit initiatives and innovative solutions, and update text to reflect consideration of the Justice40 initiative)
- 3.05 Transit Management and Operations – Strategic Partnership Program (update text to reflect consideration of the Justice40 initiative)
- 4.03 Ensuring Equity, Nondiscrimination, and Environmental Justice in MPO Planning/Program Activities (update text to reflect consideration of the Justice40 initiative)
- 4.03 Ensuring Equity, Nondiscrimination, and Environmental Justice in MPO Planning/Program Activities – Planning to Address Transit Needs in Fort Worth’s 76104 Zip Code (update text to reflect that the grant award was received in Fiscal Year [FY] 2022 and work will begin in FY2023 rather than FY2022 as initially anticipated)
- 5.01 Regional Transportation Studies – Corridor Studies/Environmental Studies Support (update text to add Spur 394 to the list of anticipated corridors for study using Texas Department of Transportation funds)
- 5.01 Regional Transportation Studies – High-Speed Passenger Technology (update text to reflect analysis of corridor-adjacent land use and infrastructure modifications and needs associated with high-speed rail station locations)
- 5.02 Subarea Studies and Local Government Assistance – Comprehensive Transportation Planning Studies and Technical Support (update text to add Love Field Surface Transportation Planning Study as a Category 1 roadway project)
- 5.03 Land-use/Transportation Initiatives – Regional Pedestrian Safety and Bicycle Safety Plans (update text to reflect the monitoring of safety strategies and countermeasures included in local safety action plans)
- 5.03 Land-use/Transportation Initiatives – Sustainable Development Initiatives (rename element and update text to remove language associated with school sitings and parking, and add language pertaining to housing and transportation analysis, transportation and sustainable stormwater projects and practices, and coordination with NCTCOG’s Environment and Development Department)
- 5.05 Congestion Management Planning and Operations – Auto Occupancy Detection Program (program additional \$495,700 STBG funds and \$99,600 TxDOT funds to support ongoing activities to use technology to verify auto occupancy on the transportation system)
- 5.05 Congestion Management Planning and Operations – Regional Vanpool Program (program additional \$512,000 STBG funds, matched with TDCs, to support ongoing activities related to implementation of the regional vanpool program to reduce single-occupancy commuter trips)

- 5.05 Congestion Management Planning and Operations – Regional Trip Reduction Program (program additional \$443,000 STBG funds, matched with TDCs, to support ongoing activities aimed at educating private- and public-sector employers in the region about available Travel Demand Management programs and strategies that reduce single-occupancy vehicle trips for work purposes)
- 5.06 Regional Freight Planning – Regional Goods Movement (update text to change funding source from USDOT BUILD Grant funds to Federal Transit Administration funds for potential pass-through administrative costs for the North Texas Multimodal Operations Velocity Efficiency and Safety Program [NT MOVES])
- 5.06 Regional Freight Planning – Regional Goods Movement (add initiative and \$387,800 TPF, for planning activities in FY2023 related to the movement of freight within and through the Dallas-Fort Worth region such as support for rail and freight committees, public outreach, environmental justice considerations, the Freight Mobility Plan, and freight land-use related planning documents)
- 5.06 Regional Freight Planning – Regional Goods Movement (program additional \$177,000 STBG funds, matched with TDCs, to support ongoing activities related to truck traffic, rail freight, and other freight movement issues within and through the Dallas-Fort Worth region; update text to add a Truck Routing Analysis as an anticipated product; remove language related to committee support and the Freight Mobility Plan, as these activities will be funded with Transportation Planning Funds in FY2023 rather than STBG funds)
- 5.08 Roadway and Railroad Safety – Transportation Safety Planning (program additional \$580,000 STBG funds, matched with TDCs, to support ongoing activities related to the development and implementation of safety programs and tools to improve safety on the roadway system; and update text to include the inventorying and monitoring of safety strategies and countermeasures included in local safety action plans)
- 5.10 Regional Military and Community Coordination – Naval Air Station Joint Reserve Base Fort Worth Land Use and Community Outreach Implementation (add \$60,000 Regional Transportation Council [RTC] Local funds to support continued activities of the Regional Coordination Committee relative to development around the Base)
- 5.10 Regional Military and Community Coordination – Surface Access to Critical Infrastructure (update text to reflect the inclusion of planning activities related to the Strategic Highway Network [STRAHNET] and connections between the STRAHNET and military installations)
- 5.11 Transportation Technology and Innovation Program – Dallas-Fort Worth Freight Optimization Corridors (program an additional \$4,579,000 STBG funds, matched with TDCs, to support ongoing staff activities aimed at optimizing the flow of trucks between freight hubs and expressways in the region and to support consultant activities in FY2023)
- VIII. Overview of Work Program Funding (update Exhibit VIII-1, FY2022 and FY2023 TPF Programming Summary, to reflect a decrease of \$167,509 in NCTCOG’s allocation of Federal Transit Administration 5303 Transportation Planning Funds, an increase of \$1,197,480 in NCTCOG’s allocation of Federal Highway Administration PL 112)

Transportation Planning Funds, and a decrease of \$55,267 in carry-over Transportation Planning Funds from FY2021.

- VIII. Overview of Work Program Funding (update Exhibit VIII-3 to reflect an increase of \$2,000 TPF for video equipment in Subtask 1.04 and addition of \$15,000 for traffic simulation modeling software in Subtask 2.01)

The following modification has previously been approved by the Regional Transportation Council and is now being incorporated into the Unified Planning Work Program:

- 5.03 Land-use/Transportation Initiatives – South Dallas Improved Bicycle/Pedestrian Routes to Rail and Transit Technology Upgrades (add initiative and \$78,375 USDOT funds, \$19,708 Congestion Mitigation and Air Quality Improvement Program funds, \$19,708 RTR funds, and \$19,709 local funds for FY2023 to reflect receipt of FY2022 Rebuilding American Infrastructure with Sustainability and Equity [RAISE] grant award)

For questions or additional information, please contact:

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