

CAPITAL DISTRICT TRANSPORTATION COMMITTEE UNIFIED PLANNING WORK PROGRAM

State Fiscal Year 2023-2024
(April 1, 2023 – March 31, 2024)



Draft for Policy Board Approval
March 2, 2023

[Reserved for Signed Resolution]

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Disclaimer

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Title VI Statement

The Capital District Transportation Committee (CDTC) is committed to ensuring that no person is excluded from participation in, or denied the benefits of, its metropolitan transportation planning process on the basis of race, color, national origin, gender, age, disability, or economic status, as protected by Title VI of the Civil Rights Act of 1964 and related statutes and regulations. It is also the policy of the CDTC to ensure that all programs, policies, and other activities do not have disproportionate adverse effects on minority and low income populations. Additionally, the CDTC will provide meaningful access to services for persons with Limited English Proficiency.

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Introduction

The Capital District Transportation Committee (CDTC) is the Metropolitan Planning Organization (MPO) for the metropolitan planning area ("the region") of Albany, Rensselaer, Saratoga¹ and Schenectady Counties in New York State. Every urbanized area in the United States with a population of 50,000 or more, as identified in the Decennial U.S. Census must have a designated MPO in order to qualify for federal transportation funding programs. MPOs are responsible for regional transportation planning and provide a forum for State and local officials to discuss transportation issues and reach a consensus on transportation plans and specific programs of capital projects.

About CDTC

CDTC has its origins in the 1964 Capital District Transportation Study (CDTS), set up through agreements between New York State, the four counties, and 77 municipalities in those counties. CDTC has always supported the need to conduct transportation planning in a cooperative, collaborative, and sound technical manner. All planning is conducted on a comprehensive basis oriented to preserving transportation system infrastructure, providing mobility options and developing a resilient and sustainable transportation system. This work is undertaken in cooperation with the state agencies, regional organizations and local governments in the region, especially NYSDOT and CDTA, through a Policy Board and a Planning Committee.

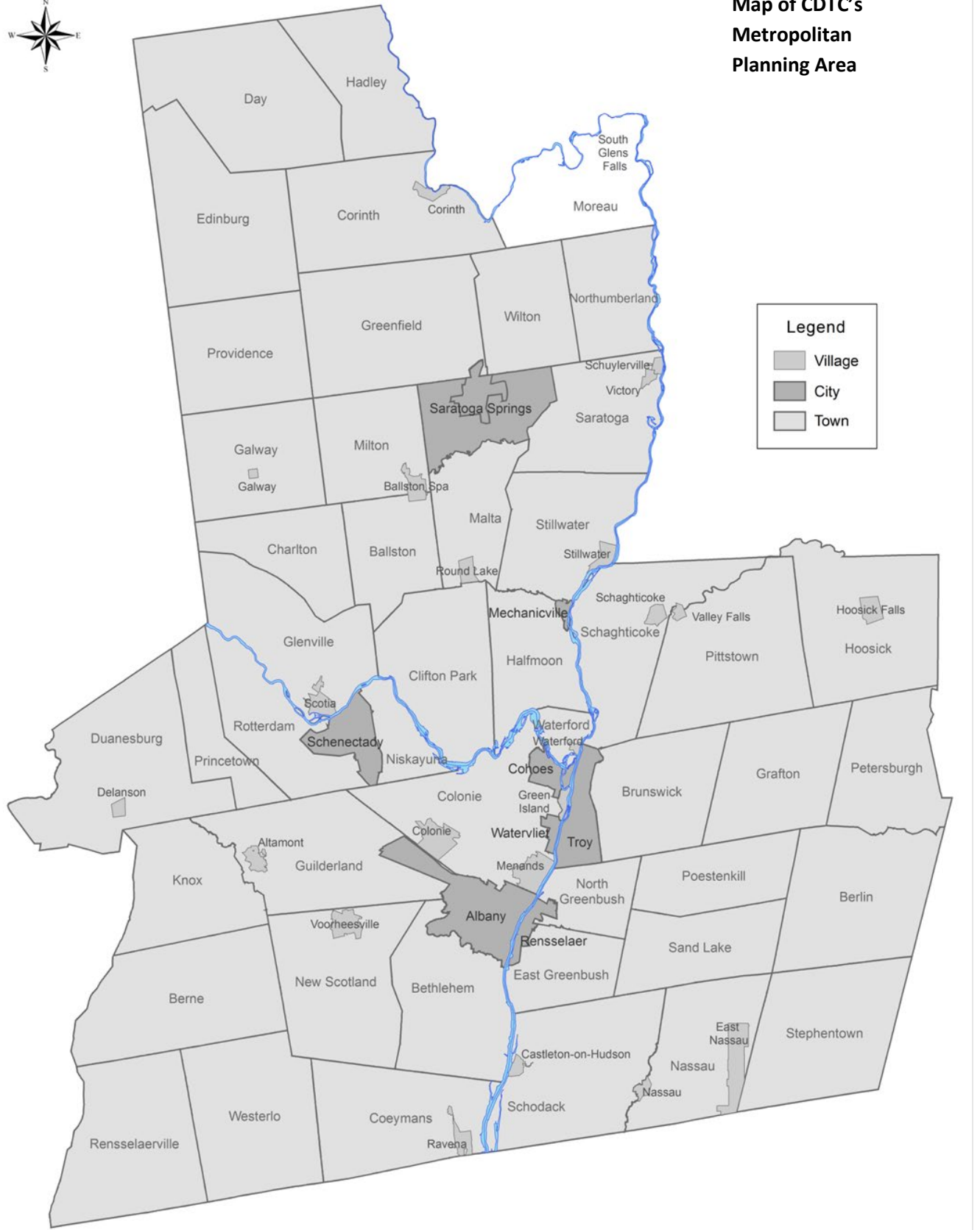
Ultimate authority for all CDTC's actions rests with the Policy Board. CDTC's members are encouraged to bring forth issues and concerns at any time as they are expected to be active participants in the planning process. Raising concerns during meetings or discussing them with other Policy Board members, Planning Committee members or the CDTC staff between meetings makes CDTC more effective, responsive and relevant. The Policy Board meets quarterly (March, June, September and December) and is composed of elected and appointed officials from:

- Four counties (Albany, Rensselaer, Saratoga, and Schenectady)
- Eight cities (Albany, Cohoes, Mechanicville, Rensselaer, Saratoga Springs, Schenectady, Troy, and Watervliet)
- Town of Colonie
- Two at-large members representing towns and villages
- New York State Department of Transportation (NYSDOT)
- New York State Thruway Authority (NYSTA)
- Capital District Transportation Authority (CDTA)
- Capital District Regional Planning Commission (CDRPC)
- Albany County Airport Authority
- Albany Port District Commission
- The Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) are advisory.

¹ The Town of Moreau and the Village of South Glens Falls in Saratoga County are part of the Adirondack/Glens Falls Transportation Council.



Map of CDTC's Metropolitan Planning Area



CDTC's Policy Board Members as of March 3, 2023

Albany County	Daniel P. McCoy, Albany County Executive
Albany County	Andrew Joyce, Chair, Albany County Legislature
Albany City	Kathy M. Sheehan, Mayor (Chair)
Albany County Airport Authority	Philip F. Calderone, Esq.
Albany Port District Commission	Richard J. Hendrick
Capital District Regional Planning Commission	TBD
Capital District Transportation Authority	Carm Basile, CEO (Vice Chair)
Cohoes City	William T. Keeler, Mayor
Colonie Town	Peter Crummey
Colonie Village	Thomas Tobin, Mayor
Federal Highway Administration (Advisory)	Richard J. Marquis
Federal Transit Administration Region-2 (Advisory)	Stephen Goodman, Regional Administrator
Hoosick Town	Mark Surdam
Mechanicville City	Michael Butler, Mayor
NYS Department of Transportation Region-1	Patrick Barnes, Regional Director (Secretary)
New York State Thruway Authority	Phil Serafino, Acting Albany Division Director
Rensselaer City	Michael E. Stammel, Mayor
Rensselaer County:	Steven McLaughlin, Chair, Rensselaer County Executive
Rensselaer County	Kelly Hoffman, Chair, Rensselaer County Legislature
Saratoga County	Theodore T. Kusnierz Jr., Chair, Saratoga County Board of Supervisors
Saratoga County	Thomas C. Werner
Saratoga Springs	Ronald Kim, Mayor
Schenectady City	Gary McCarthy, Mayor
Schenectady County	Anthony Jasenski, Sr., Chair, Schenectady County Legislature
Schenectady County	Rory Fluman
Troy City	Patrick Madden, Mayor
Watervliet City	Charles V. Patricelli, Mayor

Much of the work necessary to develop recommendations about plans and programs for Policy Board review and approval is delegated to CDTC's Planning Committee. The Planning Committee is largely composed of technical counterparts (i.e. city engineers, planning directors, etc.) to the Policy Board members (i.e. Mayors or Supervisors). The Planning Committee provides input and direction to planning efforts, develops recommendations for action by the Policy Board and has the delegated authority to approve small-scale changes to CDTC's work program or to the Transportation Improvement Program.

CDTC is required to develop three major products in support of the metropolitan transportation planning process:

1. Metropolitan Transportation Plan (MTP) – The MTP, also referred to as the long range regional transportation plan, establishes investment policies and principles that guide CDTC's decision-making and activities for a planning horizon of no less than 20 years. The MTP is updated every 5 years and CDTC's MTP is known as New Visions 2050.
2. Unified Planning Work Program (UPWP) – The UPWP is a one or two year plan that contains all CDTC planning activities and task budgets.

3. Transportation Improvement Program (TIP) – The TIP is CDTC’s five-year capital program of transportation projects updated every two or three years.

For more information about CDTC, review the [Reference Guide to CDTC](#), [Continuing Operations Plan](#) and other [CDTC documents](#) including the Metropolitan Transportation Plan, [New Visions 2050](#).

Development of the UPWP

The CDTC UPWP identifies transportation planning activities that are to be undertaken in the region to further develop the policies and recommendations contained in New Visions 2050. At minimum, the UPWP includes a description of each task, the resulting products and who the work will be performed by (i.e. CDTC’s staff, CDRPC’s staff or a consultant). The time frames for completing each task are also identified along with costs and fund sources. CDTC’s UPWP also includes resources for staff support for the New York State Association of Metropolitan Planning Organizations (NYSAMPO) activities and the US Department of Energy’s Clean Cities Coalition.

This UPWP has been prepared for state fiscal year 2023-2024 (beginning April 1, 2023 and ending March 31, 2024). Preparing annual UPWP’s allows CDTC to be more responsive to the region’s transportation planning needs and to adjust to changes in federal and state transportation policy. The Bipartisan Infrastructure Law (BIL) enacted on November 15, 2021 added additional planning funds and planning requirements that CDTC addresses in this document. It should be noted that FHWA and FTA are expected to issue additional guidance related to programs in the BIL and New York State will continue to coordinate with CDTC and NYSAMPO on state implementation of BIL requirements throughout 2023. Amendments to this UPWP may be required.

Development of this UPWP began with CDTC’s staff preparing work plans for on-going or in progress tasks from the previous 2022-2023 UPWP. Meanwhile, at its October 5, 2022 meeting, CDTC’s Planning Committee approved a call for local government planning projects that would advance the regional transportation planning priorities in New Visions 2050. The solicitation was issued in October 2022 containing a summary of the regional planning principles and descriptions of eligible project types broken into three categories: small scale community technical assistance, medium community planning assistance and large-scale regional planning assistance. A November 30, 2022 submission deadline was established resulting in sixteen project proposals that were evaluated by CDTC staff. The project evaluation recommendations as well as the staff work plans were incorporated into a draft UPWP and reviewed with CDTC’s Planning Committee at its February 2, 2023 meeting. The Planning Committee approved the draft UPWP for public review.

Public Review

As part of CDTC’s commitment to continuous public input, CDTC initiated the public involvement process during the project solicitation phase of the UPWP, consisting of a survey that gauged the public transportation priorities for the region when forming the UPWP. Common themes from the survey

responses included the need to invest in walkability, bikeability, Complete Streets, and more dense land use patterns.

CDTC issued a press release on February 2, 2023 announcing the beginning of a 25 day public review period following Planning Committee approval of the draft. CDTC posted the Draft UPWP document and a Public Review Summary on its website. Links to the materials were provided to the public via social media, CDTC's newsletter and an email sent to CDTC's contact list which includes federal, regional and state agency staff, elected and appointed officials, community stakeholders, and the general public.

The Public Review Summary discussed what the UPWP is, how it was developed, what general planning tasks were included and proposed budgets, and highlighted some specific new and important tasks. Information related to translation of the draft UPWP was also provided as well as the various methods to provide comments including via survey, e-mail, USPS mail, phone, and fax. Additionally, several social media campaigns were created to educate the public about what an MPO is, what the UPWP is, promote UPWP events, and inform the public as to how to submit comments.

In addition, a virtual UPWP public meeting was held on February 9, 2023. The meeting was recorded, and the video was linked on CDTC's website for public viewing at any time. A public open house was also promoted and held at the CDTC office on March 1, 2023.

Public comments were due to CDTC on March 1, 2023. A summary of public comments received as well as CDTC's responses is available in Appendix B.

CDTC also consulted with the Delaware Tribe, Stockbridge-Munsee Community Band of Mohican Indians and the Saint Regis Mohawk Tribe as well as the Federal Land Management Agency (FLMA), the Watervliet Arsenal, the National Laboratory and the Saratoga Battlefield/National Park Service. While no comments were received, a meeting was held with a representative of the Stockbridge Munsee Community requesting bi-monthly coordination meetings on CDTC's planning activities. The other Native Nations and federal land holders will be invited to participate.

Federal Planning Emphasis Areas (PEAs)

Planning Emphasis Areas are United States Department of Transportation (USDOT) priorities and have been reflected in the UPWP as follows.

Tackling the Climate Crisis – Transition to a Clean Energy, Resilient Future

Reflected in Task 3.21 Climate Change Planning and Task 4.70 Clean Cities which will develop a Carbon Reduction Strategy for the Capital Region and provide education and outreach related to zero emission vehicles and infrastructure.

Equity and Justice40

Reflected in Task 1.66 Equity, Environmental Justice and Title VI which will evaluate CDTC's plans and programs to make room at the table for new people so CDTC's committees better reflect regional demographics and proposed goals for measuring progress toward equity. Planning studies in the City of Schenectady (Task 7.88 City of Schenectady Albany and Crane Streets Linkage Study), City of Troy (Task 4.64 Americans with Disabilities Act (ADA) Planning) and the Safe Streets and Roads for All project (Task 6.16 Safety Planning) will all be undertaken in Justice40 communities.

Complete Streets

Reflected in Task 4.17 Complete Streets which seeks to assist communities in the implementation and maintenance of Complete Streets through the provision of training, the encouragement of complete streets policy adoption and promotion of CDTC's Complete Streets Design Guide.

Public Involvement

Reflected in Task 1.70 Public Participation which supports CDTC's engagement work related to social media, newsletters, the development of a new website, and an updated public participation policy.

Strategic Highway Network (STRAHNET)/U.S. Department of Defense (DOD) Coordination

Reflected in Task 1.70 Public Participation for which CDTC intends to continue its consultation efforts with the National Laboratory and the Watervliet Arsenal.

Federal Land Management Agency (FLMA) Coordination

Reflected in Task 1.70 Public Participation for which CDTC intends to continue its consultation efforts with the Saratoga National Historic Park. CDTC will also as part of Task 1.70 hold bi-monthly meetings with the Native Nations to coordinate and consult on transportation planning activities.

Planning and Environment Linkage (PEL)

Reflected in Task 5.61 TIP Project Development Support in which CDTC staff will coordinate and provide technical support with NYSDOT on the NY 378 Troy-Menands Bridge and the Reimagine I-787 PEL studies and will coordinate as needed with Schenectady County on its PEL study related to the I-890 Exit 4C State Street/Washington Avenue area.

Data in Transportation Planning

Reflected in Task 2.25 Transportation Data Collection and Analysis in which CDTC will support an ongoing consultant led transportation data collection contract. As part of Task 3.11 STEP Model Development and Maintenance, CDTC staff will assess the potential use of Replica data as a tool for capturing household travel patterns.

Federal Planning Requirements

As an MPO, CDTC is required to address ten planning factors through a continuous, cooperative, and comprehensive metropolitan transportation planning process. The ten planning factors were established in the Fixing America’s Surface Transportation (FAST) Act of 2015 and were reaffirmed in the 2021 Bipartisan Infrastructure Law (BIL). The following table lists the ten planning factors and provides examples of tasks in this UPWP that address each planning factor.

Federal Planning Factor	UPWP Task
(1) Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency	3.31 Infrastructure Planning 3.51 Performance-Based Planning 4.21 Freight Planning
(2) Increase the safety of the transportation system for motorized and non-motorized users	4.17 Complete Streets 4.67 Active Transportation Planning 6.16 Safety Planning
(3) Increase the security of the transportation system for motorized and non-motorized users	3.21 Climate Change Planning 3.22 Regional Operations and Congestion Management
(4) Increase accessibility and mobility of people and freight	4.21 Freight Planning 6.12 Human Service Agency Transportation 6.14 Transportation Demand Management
(5) Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns	1.66 Equity, Environmental Justice and Title VI 3.21 Climate Change Planning 3.41 New Visions 2050 and MTP Refinement
(6) Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight	3.41 New Visions 2050 and MTP Refinement 4.17 Complete Streets 6.13 Transit Planning
(7) Promote efficient system management and operation	3.11 STEP Model Development and Maintenance 3.22 Regional Operations and Congestion Management
(8) Emphasize the preservation of the existing transportation system	2.30 Pavement Condition Inventory Albany County 3.31 Infrastructure Planning 3.51 Performance-Based Planning
(9) Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation	3.21 Climate Change Planning 3.22 Regional Operations and Congestion Management
(10) Enhance travel and tourism	3.41 New Visions 2050 and MTP Refinement 4.17 Complete Streets 4.67 Active Transportation Planning

UPWP Planning Priorities for the CDTC Region

CDTC adopted its New Visions 2050 Metropolitan Transportation Plan on September 3, 2020. New Visions 2050 supports keeping the region's highways and bridges in good condition, providing high quality transit service through continued investment in Bus Rapid Transit, and building Complete Streets. Implementation of New Visions 2050 requires coordination with state agencies, regional organizations and local governments. The UPWP allows the region to undertake planning that supports New Visions 2050 priorities. The following describes the region's planning priorities and their relationship to tasks in the UPWP.

- **Invest in a Quality Region** – A quality region considers health, the economy, and the environment within an overall framework of land use planning and transportation policies. Creating and sustaining a quality region is central to the direction of New Visions 2050 toward urban investment, concentrated development patterns, and smart economic growth. Related UPWP task(s):
 - 7.70, 7.86, 7.87, and 7.88, which are carryovers from the prior UPWP, and new tasks 7.21, 7.22, 7.23, 7.24, 7.25, and 7.26 – This collection of planning study tasks are part of CDTC's Linkage planning program. UPWP funds are provided to local governments for strategic community-based plans that integrate land use and transportation planning. This work is undertaken by consultants. Planning work in the City of Schenectady, the Towns of Brunswick, Colonie, East and North Greenbush, and the Village of Colonie will be completed in this fiscal year.
- **Make Investments Regionally Equitable** – Transportation investments will address all needs fairly and equally. Funding for appropriate repair, replacement and reconstruction will be based on the function and condition of the facility – not ownership. Related UPWP task(s):
 - 5.01 Transportation Improvement Program (TIP) and 3.31 Infrastructure Planning – CDTC established a TIP Task Force to review CDTC's TIP development and amendment practices, modernize and refine the project evaluation process and to explore options to better connect available funding to infrastructure needs based on functional classification and condition.
- **Support Economic Development** – Transportation is critical to the region's economy. New Visions articulates the transportation investment needed for sustainable regional economic growth. Related UPWP task(s):
 - 4.17 Complete Streets and 4.67 Active Transportation Planning – Work under both tasks include collaborating with CDRPC to identify the best approach to assess the economic benefits of a range of transportation projects.
 - 2.28 Census and Capital Region Indicators – CDTC and CDRPC will continue to partner on the maintenance and update of the Capital Region Indicators website, providing census and other data for use in marketing the region for economic development initiatives.
- **Preserve and Manage the Transportation System** – Transportation funding must be sufficient to both repair and sometimes replace our highway, bridge, and transit infrastructure. Related UPWP task(s):
 - 3.31 Infrastructure Planning – Staff will prepare a Request for Proposals (RFP) for consultant assistance to develop a Regional Pavement Asset Management System to estimate repair costs of local federal-aid eligible roadways. Staff will also research and

- possibly develop an RFP for a regional vulnerability assessment and/or Resiliency Improvement Plan in conjunction with Task 6.17 Resilience and Security Planning.
- 3.41 New Visions 2050 and MTP Refinement – Explore best practices in financial planning and collect data on transportation expenditures at all levels of government.
 - **Maintain Travel Reliability** – Reliable traffic flow is more important than reducing congestion as traffic congestion is often a sign of an area’s economic vitality. Related UPWP task(s):
 - 3.22 Regional Operations and Congestion Management – CDTC staff will complete an update of its regional Congestion Management Process.
 - 3.51 Performance-Based Planning – CDTC staff will continue to monitor the region’s performance measures related to system reliability and will implement methods to better present data to the public, including a data dashboard.
 - **Invest in Safety** – Our region will move toward eliminating transportation related deaths and serious injuries by 2050. Related UPWP task(s):
 - 6.16 Safety Planning – CDTC will administer a federal Safe Streets and Roads for All grant to undertake Vision Zero Safety planning and refine its Local Road Safety Action Plan.
 - **Invest in Security** – Protection of critical infrastructure from natural disasters, acts of terrorism and cyber-attacks are of increasing concern. Scenario planning and computer modeling will support regional security planning efforts. Related UPWP task(s):
 - 6.17 Resilience and Security Planning – CDTC staff will support local and regional resiliency and climate adaptation planning efforts, coordinate with local, state and federal agencies on hazard mitigation initiatives and resiliency planning, and assess climate and natural hazard risks.
 - **Invest in Complete Streets** – Street design will serve all users equitably, including pedestrians, bicyclists, transit riders, freight and personal vehicle drivers and riders. Related UPWP task(s):
 - 4.17 Complete Streets – CDTC staff will market the Complete Streets Design Guide, plan for Complete Streets workshops in 2023, and encourage Complete Streets policy adoption and design best practices.
 - **Encourage Bicycle and Pedestrian Travel** – Bicycle and pedestrian improvements will be considered from the perspective of developing a system. A regional system of sidewalks, bicycle facilities, and multi-use trails will encourage safe bicycle and pedestrian use. Related UPWP task(s):
 - 4.67 Active Transportation Planning – CDTC will support and maintain the Active Transportation Advisory Committee, monitor and record progress toward developing a regional active transportation network and will coordinate with communities on the implementation of the Capital District Trails Plan.
 - **Invest in Transit and Provide Essential Mobility for All** – Innovative and viable transportation services support concentrated development by providing equitable access to reliable and affordable transportation. Related UPWP task(s):
 - 6.12 Human Service Agency Transportation – CDTC staff will conduct public outreach for the updated Coordinated Public Transit-Human Services Plan and work with the Regional Transportation Coordinating Committee to assemble a draft document.

- 6.13 Transit Planning – CDTC staff will support CDTA on the development of the Bus Rapid Transit Expansion Study, the Route Planning for System Expansion and Improvement Project, and the Transit Development Plan (TDP).
- **Prioritize Affordable and Convenient Travel Options** – Regional efforts will prioritize affordable and convenient travel options and programs that encourage behavioral shifts away from single occupancy vehicle (SOV) travel and help balance the transportation system among driving, bicycling, walking, transit, carpooling, vanpooling, and telework. Related UPWP task(s):
 - 6.14 Transportation Demand Management Initiatives – CDTC staff will administer a commuter survey to identify factors that motivate commuter mode choices, assist in the update of the Congestion Management Process, maintain 511NY Rideshare Capital Moves websites and assist in the administration of the Guaranteed Ride Home program.
- **Move Freight Efficiently** – CDTC’s planning efforts will embrace freight’s key contributions to regional prosperity, while also trying to mitigate the negative impacts of all modes of freight movement on local communities. Maintaining the health and improving the efficiency of freight facilities in the region through public/private partnerships is a high priority. Related UPWP task(s):
 - 4.21 Freight Planning – CDTC staff will facilitate quarterly CDTC Freight Advisory Committee (FAC) meetings, participate in the development of the New York State Freight Transportation Plan update and update and develop new freight data and GIS information for regional freight facilities and activity, as available.
- **Preserve the Environment** – Transportation investments must improve or preserve the region’s cultural and natural environment, must not encourage development in environmentally sensitive areas and must help preserve rural character. Transportation investments will support alternative fuel vehicles and greenhouse gas reduction. Related UPWP task(s):
 - 3.21 Climate Change Planning – In coordination with Task 4.70 Clean Cities, CDTC staff will develop a regional carbon reduction strategy, research cost effective carbon reduction projects and provide training to communities on best practices.
 - 4.70 Clean Cities – CDTC will host the Capital District Clean Communities Coalition, funded through the US Department of Energy (USDOE) Clean Cities program to promote alternative fuel vehicle use and carbon reduction strategies in the Capital Region.
- **Leverage Technology** – Plan for advancements in technology, such as self-driving cars, self-adjusting traffic signals, smart phone applications, and shared mobility, that will have tremendous and wide-reaching impacts on future transportation. Related UPWP task(s):
 - 3.22 Regional Operations and Congestion Management – CDTC staff will facilitate CDTC’s Regional Operations and Safety Advisory Committee (ROSAC) to share best practices and plan for the implementation of ITS, incident management, congestion management and safety initiatives and will promote CDTC’s Smart Mobility Toolbox.

While the many UPWP tasks are on-going or carryover activities from the previous UPWP, new or reorganized tasks were added for 2023-2024 to support the planning process. New tasks and their relationship to the planning priorities in New Visions 2050 include:

7.21 All Access Complete Streets Feasibility Study

- Purpose: To conduct a community-wide pedestrian and bicycle safety assessment and prepare a Complete Streets Feasibility Study including preliminary concepts at certain high priority walking and bicycling areas that are known and perceived to present safety hazards for motorists, pedestrians, and bicyclists in the Village of Voorheesville.
- Relationship to Federal Planning Factors: Supports Planning Factors 2 (Improve Safety), 3 (Increase Security), 4 (Increase Accessibility), and 6 (Enhance Transportation System Integration and Connectivity).
- Relationship to New Visions 2050 priorities: Supports investing in a Quality Region, Investing in Complete Streets and Investing in Safety.

7.22 Broadway Flood Resilient Multi-Modal Corridor Study

- Purpose: To identify and evaluate conceptual design alternatives that improve multi-modal transportation facilities and connectivity, increase the urban forest, and integrate green infrastructure and climate resiliency along the length of the Broadway/Route 32 corridor from Albany to Watervliet in Albany County.
- Relationship to Federal Planning Factors: Supports Planning Factors 3 (Increase Security), 4 (Increase Accessibility), 5 (Protect the Environment) and 9 (Improve Resiliency).
- Relationship to New Visions 2050 priorities: Supports investing in a Quality Region, Investing in Security and Preserving the Environment.

7.23 Castleton Complete Streets & Connections Plan

- Purpose: To develop concepts for Complete Streets, managed parking, and more pedestrian-friendly streets, identified as priorities in the Village's Comprehensive Plan. Trail connections between downtown and Schodack Island State Park will also be explored.
- Relationship to Federal Planning Factors: Supports Planning Factors 2 (Improve Safety), 4 (Increase Accessibility), 6 (Enhance Transportation System Integration and Connectivity), and 10 (Enhance tourism).
- Relationship to New Visions 2050 priorities: Supports investing in a Quality Region, Investing in Complete Streets and Encouraging Bicycle and Pedestrian Travel.

7.24 Central Avenue West Corridor Study

- Purpose: To examine existing conditions and identify opportunities for potential development or redevelopment sites, improve access management, and develop Complete Streets concepts for the NY 5 Corridor from New Karner Road/Route 155 west to the Niskayuna town line in the Town of Colonie.
- Relationship to Federal Planning Factors: Supports Planning Factors 1 (Support Economic Vitality), 4 (Increase Accessibility), and 6 (Enhance Transportation System Integration and Connectivity).
- Relationship to New Visions 2050 priorities: Supports Economic Development, Maintaining Travel Reliability, Investing in Complete Streets and Investing in Safety.

7.25 Curry Road & Guilderland Avenue Multi-Modal Study

- Purpose: To create a plan for a more balanced transportation system along the Curry Road and Guilderland Avenue corridors in the Town of Rotterdam that includes safe and compliant ADA access for all users, including pedestrians, bicyclists, transit users and motorists.

- Relationship to Federal Planning Factors: Supports Planning Factors 2 (Improve Safety), 4 (Increase Accessibility), 5 (Improve Quality of Life) and 6 (Enhance Transportation System integration and Connectivity).
- Relationship to New Visions 2050 priorities: Supports investing in a Quality Region, Investing in Complete Streets and Investing in Safety.

7.26 Milton Town Center Plan Update

- Purpose: To identify potential improvements for walking and bicycling facilities from West Milton to the Town’s center and create connections to the Zim Smith and Geyser Road trails.
- Relationship to Federal Planning Factors: Supports Planning Factors 2 (Improve Safety), 4 (Increase Accessibility), 5 (Improve Quality of Life) and 6 (Enhance Transportation System integration and Connectivity).
- Relationship to New Visions 2050 priorities: Supports investing in a Quality Region, Investing in Complete Streets, Encouraging Bicycle and Pedestrian Travel and Investing in Safety.

Key Accomplishments of CDTC’s 2022-2023 UPWP

The CDTC 2022-2023 UPWP focused on implementing the recommendations of the New Visions 2050 Plan. Key accomplishments include:

Transportation Improvement Program (TIP)

- Significant staff time was invested to prepare CDTC’s 2022-2027 Transportation Improvement Program in collaboration with CDTC’s members and partner agencies. Over \$550M in federal highway and transit funds were assigned to projects in the Capital Region, including 47 new projects. The TIP was adopted by CDTC’s Policy Board on September 1, 2022.

New Visions 2050 – Metropolitan Transportation Plan

- CDTC continued its New Visions virtual learning webinar series, hosting ten events. The webinars feature presentations on transportation planning topics related to the principles and policies of the New Visions plan from CDTC, local government and partner agency staff.
- Staff developed a scope of work toward the update of the Metropolitan Transportation Plan due in September 2025.

ADA Transition Plans

- Completed Transition Plans in the Cities of Albany and Saratoga Springs. Hired a consultant to develop three transition plans in 2023.

Active Transportation Planning

- Completed the Patroon Creek Trail Feasibility Study and the Albany County Loop Trail study.

CDTC/CDRPC Technical Assistance Program

- CDTC staff continued coordination with CDRPC on the Community Planning Technical Assistance Program. The following projects were completed:
 - City of Rensselaer Riverside Avenue Access Improvements

- City of Saratoga Springs/Saratoga County/Town of Wilton Saratoga Greenbelt – Wilton Connector Trail Project
- Town of Glenville Glenridge Road Pedestrian Connections
- Town of Guilderland Development Growth Trends Analysis
- Village of Castleton-on-Hudson Development Growth Trends Analysis

Clean Cities

- Continued coordinating the Capital District Clean Communities Coalition, hosted Drive Electric Earth Day, an electric vehicle showcase event in Albany, and coordinated with CDTA on its Capital District Mobility Hubs project in development.

Complete Streets

- Completed and distributed the Capital Region Complete Streets Design Guide.

Data Collection and Analysis

- Completed an Analysis of Traffic Changes Due to COVID-19 in the Capital Region report.
- Hired a consultant to collect on-demand traffic volume (AADT) data, intersection turning moving counts, vehicle classification counts, and bicycle and pedestrian count data. Completed the 2021 traffic volume and curve data collection contract.

Environmental Justice and Title VI

- Completed and distributed the Job Access in New York’s Capital Region report, providing data-driven information to policymakers and service providers about inequities in the transportation system and how they impact job access.

Freight

- Further developed the Regional Truck Parking Study that will make recommendations to improve truck parking conditions in the region.

Infrastructure

- Launched a TIP/Infrastructure Task Force to review CDTC’s TIP project evaluation and programming procedures.
- Completed highway condition inventories in Albany County and the City of Schenectady.

Linkage Program

- Completed the following Linkage Projects:
 - Menands Land Use Regulations Update
 - Rensselaer Waterfront Connectivity Study
 - Scotia Downtown Connections Plan
 - Troy Federal Street Corridor Study
- Initiated the following Linkage Projects:
 - East and North Greenbush Route 4 Corridor Study: Inter-Municipal Update
 - Town of Brunswick Hoosick Road Corridor Study
 - Sand Creek Road Complete Streets Feasibility Study
 - City of Schenectady Albany and Crane Streets Linkage Study

Regional Travel Demand Model

- Utilized the CDTC Systematic Transportation Evaluation and Planning (STEP) model to develop future year PM peak hour background traffic assumptions for projects in the Town of Clifton Park (2), Town of Halfmoon (4), Town of Malta (3), Town of Stillwater, and the Town of Wilton.

Regional Operations and Congestion Management

- Initiated a comprehensive update of CDTC’s Congestion Management Process, in consultation with the Regional Operations and Safety Advisory Committee.
- Developed and issued an RFP for a Regional Signal Timing Project.

Safety

- Trained to use the NYSDOT Crash Location Engineering & Analysis Repository Crash Data Viewer to retrieve crash data for local agencies, planning studies and safety data analyses.
- Released a Walk & Roll to School Toolkit guide.

Smart Communities

- Completed the Capital Region Smart Mobility Toolbox which identifies technologies that can be deployed to enhance the regional transportation system.

Transit and Human Service Agency Transportation

- Completed a Bus Lane Feasibility Study jointly with CDTA.
- Held the “Tools of the Trade” workshop in June 2022 including a field trip on two types of human services transportation vehicles and presentations by the Healthy Alliance, CDTA, NYSDOT, the NYS Developmental Disabilities Planning Council and three local providers about how they address accessibility within transportation.

Transportation Demand Management

- Organized the Bike to Work Challenge with 275 participants who rode 2,862 miles, conserved 115 gallons of gas, prevented 1.1 tons of CO2 from being released and burned about 132,100 calories.
- Managed the Ditch the Car Challenge from June 4th to Sept 9th with 38 participants logging 1,718 trips.
- Worked with the FHWA Smartphone Incentives Study consultant to disseminate outreach materials to market the GoEZY app as part of a Capital Region study.

Proposed 2023-2024 UPWP Budget

The primary sources of federal planning funds supporting UPWP activities are FHWA’s Section 104(f) Metropolitan Planning (PL) funds and FTA’s Section 5303 Metropolitan Planning Program (MPP) funds. CDTC’s PL and MPP funding allocations in fiscal year 2023-2024 are \$1,885,035 and \$479,140, respectively. CDTC’s allocation of FHWA PL funds increased slightly over the prior year due to a change in the allocation formula used by the 14 NYS MPOs and NYSDOT. A new fund source authorized in the Bipartisan Infrastructure Law is dedicated to complete streets planning work. CDTC was allocated

\$48,624 for complete streets in fiscal year 2023-2024. The UPWP also contains roughly \$1,413,933 in CDTC administered consultant contracts along with \$183,000 pass through funds to support CDRPC efforts, matched with \$61,000 in local cash for \$244,000. In addition, CDTC will administer a \$1.5M federal Safe Streets and Roads for All grant. The proposed UPWP budget, containing all federal, state and local fund sources, is shown in Appendix A: Financial Tables (funding estimates are subject to change).

The New York State Department of Transportation (NYSDOT) Statewide Planning and Research (SPR) activities that directly pertain to the Capital Region are described in the text of the UPWP but are not shown in the financial tables. A list of SPR projects that pertain to the region is available on page 55 of this UPWP.

CDTC’s federal aid program is primarily matched by New York State Department of Transportation Toll Credits, valued at over \$300,000. Additional non-federal sources of funding supporting CDTC’s planning activities include Local In-Kind and cash contributions which are collected to not only meet CDTC’s local match requirements on federal transportation planning funds but are also used to leverage staff resources to expand the scope of CDTC’s planning program.

Proposed 2023-2024 UPWP CDTC Staff Budget (See Appendix A, Table 1 for Details)

Fund Source	Federal	State	Local	Total
2023-2024 FHWA Metropolitan Planning (PL)	\$2,064,933			\$2,064,933
FHWA Metropolitan Planning (PL) Backlog*	\$400,000			\$400,000
PL Set-Aside: Complete Streets	\$62,786			\$62,786
FHWA SPR	\$100,000			\$100,000
FTA X033	\$479,140			\$479,140
FTA X032	\$50,000			\$50,000
FTA SCI	\$84,265			\$84,265
NHPP/STBGP Flex Funds	\$135,000			\$135,000
Local Agreements & Cash contributions			\$234,678	\$234,678
Local In-Kind			\$156,000	\$156,000
USDOE	\$110,000			\$110,000
SS4A: Safe Streets & Roads for All	\$1,150,400	\$40,300	\$247,700	\$1,438,400
Total Estimate Value*	\$5,036,524	\$40,300	\$638,378	\$5,315,202

FHWA PL Carryover Plan

CDTC’s budgeting strategy is to assign all available federal transportation funds to planning tasks along with any fund balances (carryover) from prior years. Carryover balances occur when programmed activities are not completed or expenditures are not made in a given fiscal year. CDTC estimates a roughly \$400,000 carryover balance from the prior UPWP, largely from consultant activities that were

not completed or initiated in the last UPWP. To continue to spend down this carryover balance, CDTC will adjust personnel, overhead, consultant, and pass-through costs.

1. **Personnel costs.** CDTC hired one additional staff member in August 2022 and hired two part time interns, increasing overall budget costs. One additional hire will be explored. While salary increases related to cost of living and merit increases will increase spending, these adjustments must remain modest year to year to maintain some 'rainy day' fund reserve.
2. **Overhead costs.** CDTC's overhead costs are kept lower than other organizations due to its public purpose. CDTC's hosting agreement with CDTA is meant to reduce administrative staff and costs by relying on the host's resources to provide financial, personnel, auditing, legal, and purchasing services. Increasing overhead costs is not a reasonable option for spending carryover balance.
3. **Consultant costs.** CDTC has consultant contracts to provide specific professional services, such as the development of Linkage Program plans, collecting transportation data, and the development of the Metropolitan Transportation Plan. Consultant contracts are limited by the MPO host agency's ability and willingness to deal with cash flow. Cash flow refers to the practice in which the host agency pays for monthly expenses, the MPO submits reimbursement requests to the NYSDOT, and several months later the host receives the reimbursement. CDTC is fortunate that its host agency, CDTA, has the financial ability and the willingness to deal with cash flow issues. Increasing the use of consultants is a primary tool to reduce the carryover balance over time.
4. **Pass-through costs.** Some MPOs pass MPO funding directly onto their members. This method is "fraught with danger" as members become very reliant on and competitive for these funds. There are never enough MPO funds to fund all members, and like MPO capital funding, members can rarely agree on who receives them and the amounts. For its entire history, CDTC has only passed funds to its fellow regional planning agency and member, the Capital District Regional Planning Commission which has not spent the funds entirely each year. Increasing pass-through costs is not a reasonable option for spending carryover balance.

CDTC's plan to spend down its carryover balance is to increase spending on consultant work and to assess the need for one additional staff member.

UPWP Task Descriptions

Each UPWP planning task description includes a goal, a list of the primary activities and anticipated products, an indication as to who will perform the work, a schedule and a budget estimate. The task budget estimate is provided by fund source for staff time, professional services (i.e. consultant contracts), local agreements (paid technical work provided by CDTC staff to a local government) and other expenditures (i.e. costs related to software, travel, printing, etc.).

How to read the UPWP Tasks:

3.32 Regional Signal Timing Program

Goal: To identify candidate locally owned signalized roadways for traffic signal optimization, and to manage a consultant effort to develop and implement optimized timing plans in the field.

Activities and Products:

- Working with local governments and using available travel time data, identify local signalized roadways with the greatest potential benefit from timing optimization.
- Manage a consultant through a \$100,000 contract to conduct turning movement counts, develop optimized timings, and field-implement the timing directives in the Cities of Albany, Schenectady, and Saratoga Springs.
- Conduct before-and-after studies to quantify the benefit of the timing optimization.

Work Performed By: CDTC staff (Lead) and a consultant.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024. Consultant effort to be completed in April 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$20,000	\$100,000	\$0	\$120,000
FTA X033	\$5,000	\$0	\$0	\$5,000
Grand Total	\$25,000	\$100,000	\$0	\$125,000*

*An additional \$5,000 in local in-kind services is anticipated, shown in UPWP Table 1A.

Fund Source Acronyms:

FHWA PL	FHWA Metropolitan Planning Funds
FHWA PL Set-Aside	FHWA Metropolitan Planning Funds: Complete Streets
FTA X033	FTA Section 5303 Metropolitan Planning Program Funds for 2022-2023
FTA X032	FTA Section 5303 Metropolitan Planning Program Funds for prior year
SPR Funds	FHWA State Planning and Research Funds
FTA SCI	Shared Cost Initiative Funds from the FTA
STBGP-Flex	Surface Transportation Block Grant Program - Flexible Funds
NHPP	National Highway Performance Program Funds
Other Federal	United States Department of Energy – Clean Cities Coalition
Local Cash	Local Government Funds
SS4A: Safe Streets	Safe Streets and Roads for All Program Funds

44.21.00 Program Support & Administration

1.51 Committee Activities

Goal: To support ongoing administrative activities related to CDTC’s Policy Board, Planning Committee, Administrative and Finance Standing Subcommittee and other Policy Board sub-committees as needed.

Activities and Products:

- Provide administrative support to CDTC’s Policy Board, Planning Committee, Administrative and Finance Standing Subcommittee, Nominating Subcommittee, and other committees and subcommittees as needed.
- Maintain membership lists, meeting calendars and website content.
- Develop and distribute Policy Board, Planning Committee, Administrative and Finance Standing Subcommittee and Nominating subcommittee meeting notices, agenda packages and meeting summaries.
- Maintain a monthly Linkage Program and regional planning study progress summary.
- Coordinate with NYSDOT, CDTA, CDRPC, local government and other entities on transportation initiatives in the region.

Work Performed By: CDTC staff

Schedule: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$50,000	\$0	\$0	\$50,000
FTA X033	\$30,000	\$0	\$0	\$30,000
Grand Total	\$80,000	\$0	\$0	\$80,000

1.61 CDTC Operations and Management

Goal: To manage the day-to-day operations of CDTC and its staff to implement the metropolitan transportation planning process.

Activities and Products:

- Support administrative activities related to staff supervision, recruitment, and staff meetings.
- Update and maintain CDTC’s Administrative Procedures and Continuing Operations Plan.
- Update and maintain CDTC’s consultant and Linkage Program Planning Study Administration Procedures which includes policies related to the Americans with Disabilities Act, Environmental Justice, Environmental Mitigation, Limited English Proficiency, Public Participation and other CDTC requirements.
- Manage CDTC’s financial records.
- Complete CDTC’s renaming and rebranding process.
- Maintain and upgrade CDTC’s computer network.

- Support \$10,000 in staff professional development, training, and conference attendance including travel expenses to implement the metropolitan transportation planning process.
- Ensure ADA compliance by monitoring CDTC’s policies, practices, and procedures including publications, public meetings, the website, and the office space.

Work Performed By: CDTC staff (Lead) and a consultant.

Schedule: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$60,000	\$10,000	\$0	\$70,000
Grand Total	\$60,000	\$10,000	\$0	\$70,000

1.65 Unified Planning Work Program (UPWP) Development and Reporting

Goal: To prepare and maintain CDTC’s UPWP and to report performance and progress.

Activities and Products:

- Amend and otherwise maintain the 2023-2024 UPWP.
- Monitor expenditures and prepare semi-annual Performance and Expenditure Reports, submitting them to FHWA and FTA within ninety (90) days of the end of the reporting period (reporting periods end September 30, 2023 and March 31, 2024).
- Prepare and submit the Uniform Report of Disadvantaged Business Enterprise (DBE) Commitment/Awards and Payments.
- Develop 2024-2025 UPWP solicitation materials and guidance, solicit for and evaluate project proposals and prepare the 2024-2025 UPWP.
- CDRPC will submit quarterly progress reports and payment vouchers on UPWP tasks to NYSDOT.

Work Performed By: CDTC staff

Schedule: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source*
FHWA PL	\$25,000	\$0	\$0	\$25,000
FTA X033	\$15,000	\$0	\$0	\$15,000
FTA X032	\$5,000	\$0	\$0	\$5,000
Grand Total	\$45,000	\$0	\$0	\$45,000

1.66 Equity, Environmental Justice and Title VI

Goal: To take reasonable steps to ensure no person is excluded from participation in, or denied the benefits of, CDTC’s metropolitan planning process on the basis of race, color, national origin, sex, age,

disability, or economic status and to identify and address disproportionately high and adverse human health or environmental effects of CDTC’s programs, policies, and activities on people with disabilities, and minority and low-income populations.

Activities and Products:

- Review and ensure compliance with CDTC’s Limited English Proficiency (LEP) Plan. Incorporate LEP plan document into an updated Public Participation Policy.
- Propose goals for measuring progress toward equity in CDTC’s planning work.
- Evaluate and propose ways to “make room at the table” for new people so that CDTC boards, committees and staff better reflect regional demographics, including by race and ethnicity.
- Conduct a longer-term Environmental Justice and Title VI analysis to evaluate the past and current capital program, public engagement, and other policies and programs.
- Redefine the role of and provide additional support to CDTC’s Equity Advisory Committee.
- Review and amend, if necessary, CDTC’s existing Disadvantaged Business Enterprise (DBE) goal.
- Listen to people who are historically disadvantaged to more fully understand how inequities are reflected in and can be ameliorated by the transportation system.
- Provide Diversity, Equity and Inclusion training (\$2,000) to CDTC staff.

Work Performed By: CDTC staff (Lead)

Schedule: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$28,000	\$2,000	\$0	\$30,000
FTA X033	\$30,000	\$0	\$0	\$30,000
FTA X032	\$5,000	\$0	\$0	\$5,000
Grand Total	\$63,000	\$2,000	\$0	\$65,000*

*An additional \$3,000 in local in-kind services is anticipated, shown in UPWP Table 1A.

1.68 NYSAMPO Administration

Goal: To support the New York State Association of Metropolitan Planning Organizations (NYSAMPO) by administering the staff consultant contract on behalf of the association. NYSAMPO facilitates dialogue among MPOs and State and Federal agencies through regular meetings of the fourteen MPO Directors, periodic working group meetings among MPO staff, and through conferences and training.

Activities and Products:

- Manage the statewide consultant contract for NYSAMPO staff support services as a Shared Cost Initiative – a collaborative statewide planning effort that uses pooled State (FHWA SPR) and Federal (FHWA PL and FTA MPP) funds from the fourteen MPOs to support planning activities of a mutually beneficial nature.

Work Performed By: Consultant (Lead)

Schedule: Consultant contract began April 1, 2022 and ends December 31, 2023 with the option for a one-year extension beginning January 1, 2024 and ending December 31, 2024; 23% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$0	\$150,000	\$0	\$150,000
SPR Funds	\$0	\$100,000	\$0	\$100,000
Grand Total	\$0	\$250,000	\$0	\$250,000

1.69 NYSAMPO/AMPO/TRB Committees and Working Groups

Goal: To support CDTC staff involvement in Committees, Working Groups, training, and conferences related to the New York State Association of Metropolitan Planning Organizations (NYSAMPO), the Association of Metropolitan Planning Organizations (AMPO) and the Transportation Research Board (TRB).

Activities and Products:

- Support staff participation in the NYSAMPO Executive Committee and Director’s meetings.
- Provide staff support and technical assistance to the NYSAMPO working groups and community of practice related to public participation. CDTC staff Chairs the Climate Change and Freight Working Groups and serves as vice chair of the Modeling Working Group.
- Participate in the development of New York State transportation plans required by the Bipartisan Infrastructure Law through NYSAMPO.
- Participate in AMPO and TRB committees and trainings.
- Support staff attendance at NYSAMPO, AMPO and TRB conferences, webinars, and trainings with \$15,000 in travel, training and related expenses.

Work Performed By: CDTC staff

Schedule: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$35,000	\$0	\$15,000	\$50,000
Grand Total	\$35,000	\$0	\$15,000	\$50,000

1.70 Public Participation

Goal: To support implementation of CDTC’s Public Participation Plan and maintain CDTC’s website, manage social media, and produce a newsletter.

Activities and Products:

- Maintain, create and update content for CDTC’s current website and manage a consultant effort to replace the website and provide training.
- Maintain, update, manage and create content for CDTC’s social media, newsletter, press relations, and other means of gathering public feedback, engagement, and/or information dissemination, emphasizing engagement with transportation disadvantaged populations.

- Develop and distribute one hardcopy newsletter and boost CDTC public notices on social media.
- Pursue ongoing coordination with the Native Nations of the Delaware Tribe, Stockbridge-Munsee Community Band of Mohican Indians and the Saint Regis Mohawk Tribe as well as the Federal Land Management Agency (FLMA), the Watervliet Arsenal, the National Laboratory and the Saratoga Battlefield/National Park Service on CDTC’s transportation planning activities.
- Reflected in Task 1.70 Public Participation for which CDTC intends to continue its consultation efforts with the Saratoga National Historic Park. CDTC will also as part of Task 1.70 hold bi-monthly meetings with the Native Nations to coordinate and consult on transportation planning activities. Update CDTC’s core public-facing and public-concerning documents including CDTC’s Public Participation Plan, Reference Guide, and Brochure.
- Plan, organize, manage, and report on the public outreach functions of the Metropolitan Transportation Plan (MTP) update process including the Congestion Management Process and the Coordinated Public Transit Human Services Plan.
- Provide support on public participation and outreach tasks for CDTC planning initiatives and assist member organizations where needed.
- Prepare an annual report documenting the results of CDTC’s public participation efforts including an audit of social media and an analysis of website traffic.
- Update and maintain CDTC’s newsletter email list.
- CDRPC will develop and participate in programs (i.e. Citizen Planner Training Academy, Future Leaders in Planning, etc.) to develop citizen planners within neighborhood and community organizations, to develop future leaders in planning at the high school level and to encourage civic engagement in transportation, environmental, and community planning, sustainability, infrastructure, community development and public engagement. A scope of services will be developed for a community planner training program.

Work Performed By: CDTC and CDRPC staff (joint effort)

Schedule: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024 including consultant support for the website; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$25,000	\$40,000	\$5,000*	\$70,000
FTA X033	\$25,000	\$0	\$0	\$25,000
FTA X032	\$5,000	\$0	\$0	\$5,000
Grand Total	\$55,000	\$40,000	\$5,000	\$100,000

*Includes subscriptions to Hootsuite, Mailchimp, social media boosts, one year end hardcopy newsletter.

CDRPC Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$26,000	\$0	\$0	\$26,000
Grand Total	\$26,000	\$0	\$0	\$26,000

1.73 CDTC/CDRPC Technical Assistance Program

Goal: To provide Technical Assistance through staff time to local governments undertaking small scale community planning initiatives. Projects must be short duration, limited in scope, result in a defined product, and relate to the principles of CDTC’s metropolitan transportation plan.

Activities and Products:

- Manage an on-demand program for small scale local government technical assistance planning projects jointly with CDRPC.
- Prepare project scopes of work with municipal sponsors and develop project products.
- Collect and document local in-kind support.
- CDRPC will coordinate with CDTC on the preparation of project scopes of work, award letters and progress reporting.
- Provide general transportation planning technical assistance including crash data analysis to Albany County for \$9,000 in local cash.

Work Performed By: CDTC and CDRPC staff (joint effort)

Schedule: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$25,000	\$0	\$0	\$25,000
Local Cash	\$0	\$9,000	\$0	\$9,000
Grand Total	\$25,000	\$9,000	\$0	\$34,000*

*An additional \$5,000 in local in-kind services is anticipated, shown in UPWP Table 1A.

CDRPC Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$54,000	\$0	\$0	\$54,000
Grand Total	\$54,000	\$0	\$0	\$54,000

44.22.00 General Development and Comprehensive Planning

2.25 Transportation Data Collection and Analysis

Goal: To collect and analyze transportation related data to support the metropolitan transportation planning process.

Activities and Products:

- Manage the On-Demand Motor Vehicle, Bicycle and Pedestrian Count Services consultant contract for data collection.
- Prepare before-and-after analyses of traffic volume data to determine how travel has shifted at each count location.
- Collect, update, and maintain data in-house by CDTC staff on bicycle and pedestrian facilities using Global Positioning Systems (GPS) and other methods and technologies.

- Additional staff data collection activities will be related to:
 - Traffic data
 - Transportation infrastructure
 - Trail user count data
 - Roadway and intersection characteristics
- Evaluate the need for additional data inventories, data analysis, data summaries, and mapping for non-contractual asset and condition inventories.
- Request the non-state federal aid pavement condition data from NYSDOT.
- Collect off-road trail data for Albany County for \$9,000 in local cash.

Work Performed By: CDTC staff (Lead) and consultant.

Schedule: Ongoing staff initiative beginning April 1, 2023 and ending March 31, 2024. The \$100,000 On-Demand Motor Vehicle, Bicycle and Pedestrian Count Services consultant contract began October 31, 2022 and will end April 2024 with an optional one-year extension valued at \$60,000; 2% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$40,000	\$98,304	\$0	\$138,304
FTA X032	\$10,000	\$0	\$0	\$10,000
Local Cash	\$0	\$9,000	\$0	\$9,000
Grand Total	\$50,000	\$107,304	\$0	\$157,304

2.28 Census and Capital Region Indicators

Goal: To use and disseminate data from the US Census, the American Community Survey (ACS) and other national, state, and regional data sets to support regional and local planning, the development of regional and local plans and studies and to make current data products more accessible and useful for communities and stakeholders.

Activities and Products:

- Review, analyze and disseminate 2020 Decennial Census and American Community Survey (ACS) data products as they become available.
- Monitor the delineation and release of 2020 Decennial Census Urban Areas.
- Review the 2020 Decennial Census defined Urban Areas when released and, if warranted, adjust the boundaries in coordination with NYSDOT, AGFTC, and FHWA.
- Continue to assist municipalities with Functional Classification inquiries and change requests.
- Download updated Census data to use in CDTC’s Environmental Justice and Title VI related plans, planning studies, programs, and products.
- Participate in Census and Census-related webinars and trainings.
- CDRPC will:
 - Maintain and enhance the Capital Region Indicators website <http://capitalregionindicators.org/> data, mapping interface and community profiles, supported by a \$20,000 consultant effort.
 - Provide technical assistance to CDTC and to communities related to analysis of 2020 Decennial Census data and associated population and household projections.

- Produce population and household projections in ten-year increments by minor civil division to the year 2050 for CDTC.
- Create population, household and employment projections by traffic analysis zone in ten-year increments to the year 2050 for CDTC.
- Work with CDTC to prepare customized data sets to support the update of the Coordinated Public Transit Human Services Plan using American Community Survey (ACS) and decennial census data.

Work Performed By: CDTC and CDRPC staff (joint effort)

Schedule: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024 including a consultant providing website management services to CDRPC for Capital Region Indicators; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$20,000	\$0	\$0	\$20,000
FTA X033	\$20,000	\$0	\$0	\$20,000
Grand Total	\$40,000	\$0	\$0	\$40,000

CDRPC Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$47,000	\$20,000	\$0	\$67,000
Grand Total	\$47,000	\$20,000	\$0	\$67,000

2.29 Geographic Information Systems (GIS)

Goal: To use geospatial technologies such as GIS in data warehousing, data analysis and map production to inform the metropolitan transportation planning process and to support the development of planning studies, programs, and products.

Activities and Products:

- Create, maintain, and enhance geospatial data and mapping products.
- Maintain access to and acquire updated and new GIS data from local, regional, state, and federal agencies.
- Create, maintain, and enhance interactive online mapping applications and other mapping content on CDTC’s website.
- Research the need for a CDTC ArcGIS Pro or ArcGIS online account.
- Respond to external and internal GIS data requests.
- Manage and maintain GIS and GPS software and hardware.
- Monitor the availability of GIS data resources for regional environmental features from federal and state agencies and other secondary sources to map and document the environmental systems and natural and cultural resources present at the project and regional level.
- Support GIS related training for CDTC staff.
- CDTC, CDRPC and CDTA will coordinate to exchange data and to prepare customized maps to meet the needs of each agency without duplicating efforts.

- CDRPC will:
 - Perform a parcel-level analysis of residential development within the four-county Capital Region. Single family and apartment development built between 2010 and 2020, which corresponds to the decennial census periods, will be documented through maps and a tabular summary.
 - Create a 2020 regional land use map, as well as census tract-level regional maps of income, race, new housing units and housing tenure.
 - Create a composite overlay map of single-family parcels built between 2010 and 2020 and CDTC’s regional sidewalk inventory and will update the sidewalk inventory for the single family parcels developed during this period.
 - Process, manipulate and map information specific to the Capital Region and the communities within its planning area.
 - Acquire and/or update new map and attribute data as it becomes available.
 - Post map products on CDRPC’s website (cdrpc.org) for public consumption.
 - Use GIS to explore regional growth, sustainability and renewable energy.
 - Assist CDTC with additional mapping and GIS services as needed.

Work Performed By: CDTC and CDRPC staff (joint effort)

Schedule: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$69,800	\$200	\$0	\$70,000
FTA X033	\$30,000	\$0	\$0	\$30,000
FTA X032	\$5,000	\$0	\$0	\$5,000
Grand Total	\$104,800	\$200	\$0	\$105,000

*GIS software for the Capital District Regional Planning Commission.

CDRPC Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$36,000	\$4,000*	\$0	\$40,000
Grand Total	\$36,000	\$4,000	\$0	\$40,000

2.30 Pavement Condition Inventory Albany County

Goal: To carry out the annual pavement condition survey of Albany County-owned roads (signed County Routes) under contract to Albany County.

Activities and Products:

- Update the roadway database as needed, in collaboration with the County.
- Rate the pavement conditions of Albany County owned roads.
- Produce and distribute tables, charts and maps, GIS files and a final report summarizing current and historical pavement condition.
- Share training materials with Albany County staff to conduct future pavement condition surveys.

Work Performed By: CDTC staff

Schedule: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
Local Cash	\$11,500	\$0	\$500*	\$12,000
Grand Total	\$11,500	\$0	\$500	\$12,000

*Rental cars to conduct pavement inventory data collection.

44.23.01 Long-Range Transportation Planning (LRTP) – System Level

3.11 STEP Model Development and Maintenance

Goal: To update and enhance the CDTC Systemic Transportation Evaluation and Planning (STEP) Model to incorporate the latest Census data for population and households, and fully incorporate CDRPC forecasts of population, households, and employment, and begin a model update. The STEP Model is a four-county travel demand model that includes all federal-aid roads and highways in CDTC’s metropolitan planning area.

Activities and Products:

- Maintain, refine, and update the CDTC STEP Model.
 - Update the road network and review modeled traffic volumes against actual traffic volumes.
 - Review recent traffic count data to assess the lasting impacts of post-COVID-19 travel patterns and their impact on modeling assumptions.
 - Collect available recent traffic count data and transit boarding/alighting data.
- Build travel demand modeling proficiency for staff, including training and webinars.
- Retain a consultant to assist with peer-review and the development of a scope of work for services related to the STEP Model update. The scope of services will consider options for surveying or capturing household travel patterns, including the potential use of Replica, a location-based GPS data service.
- Incorporate the 2020 Decennial Census population and household data upon its release and CDRPC’s forecasts of population, households, and employment when available.

Work Performed By: CDTC staff (Lead) and a \$10,000 consultant.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$39,000	\$10,000	\$11,000*	\$60,000
Grand Total	\$39,000	\$10,000	\$11,000	\$60,000

*Includes an estimated \$11,000 for PTV VISUM modeling software.

3.21 Climate Change Planning

Goal: To coordinate with local, regional, and State partners to plan for more sustainable transportation networks, prioritize low carbon transportation investments and air quality improvement programs, and work to reduce Greenhouse Gas (GHG) Emissions.

Activities and Products:

- In coordination with Task 4.70 Clean Cities:
 - Collaborate with the New York State Department of Transportation and other Metropolitan Planning Organizations in New York to develop a Carbon Reduction Strategy and track federal funding opportunities.
 - Support local, regional, and state planning initiatives and programs that assist the 2019 New York State Climate Leadership and Protection Act’s (CLCPA) goals of reducing carbon emissions in the transportation sector.
 - Support NYSERDA’s New York State Climate Assessment initiative by participating in the Transportation Working Group to assess how climate change will affect transportation modes and systems across New York state.
 - Develop and disseminate resources for local governments on low carbon transportation planning strategies and programs.
 - Monitor the development and implementation of national performance management measures for carbon dioxide (CO₂) and greenhouse gas (GHG) emission reductions associated with transportation.

Work Performed By: CDTC staff

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$20,000	\$0	\$0	\$20,000
Grand Total	\$20,000	\$0	\$0	\$20,000

3.31 Infrastructure Planning

Goal: To implement infrastructure planning recommendations from CDTC’s New Visions 2050 Metropolitan Transportation Plan, to document the condition of transportation infrastructure including highways and bridges, and to prepare recommendations for maintaining these assets in a state of good repair.

Activities and Products:

- Compile available data on pavement and bridge condition in the CDTC area.
- Prepare a Request for Proposals for consultant assistance to develop a Regional Pavement Asset Management System to estimate repair costs of local federal-aid eligible roadways.
- In conjunction with Task 5.01 Transportation Improvement Program (TIP), continue to manage and support the TIP/Infrastructure Working Group.

- Explore and support infrastructure planning activities for the working group beyond the TIP.
- Research and possibly develop a Request for Proposals for a regional vulnerability assessment and/or Resiliency Improvement Plan in conjunction with Task 6.17 Resilience and Security Planning.

Work Performed By: CDTC staff

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$40,000	\$0	\$0	\$40,000
FTA X033	\$5,000	\$0	\$0	\$5,000
Grand Total	\$45,000	\$0	\$0	\$45,000

3.35 Town of Hoosick Asset Management Plan

Goal: To develop an asset management plan for Town roads in the Town of Hoosick.

Activities and Products:

- Continue to work with a consultant to develop the Town of Hoosick Asset Management Plan, which will consist of an automated pavement condition assessment and a 10-year pavement work program.
- Create/provide a GIS database of roads owned and maintained by the Town of Hoosick.

Work Performed By: CDTC Staff and a consultant.

Timeline: Consultant effort to be initiated beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$30,000	\$0	\$45,000
Local Cash	\$0	\$3,000	\$0	\$3,000
Grand Total	\$15,000	\$33,000	\$0	\$48,000

3.41 New Visions 2050 and MTP Refinement

Goal: To implement New Visions 2050, the Metropolitan Transportation Plan (MTP), for CDTC’s planning area and initiate an MTP update which is due in September 2025.

Activities and Products:

- Maintain and promote the New Visions 2050 plan and investment principles through CDTC planning products and programs.

- Initiate the MTP update including creating a Regional Trends Report Story Map, developing a Public Outreach Plan, and establishing a name and brand for the MTP.
- Prepare a Request for Proposals for up to \$200,000 in consultant assistance through September 2025 to support the development of the MTP.
- Track and compile Federal policy focus areas and other federal transportation legislation related to the metropolitan transportation planning process.
- Explore best practices in financial planning and collect data on transportation expenditures at all levels of government.
- Coordinate Community Planner Forum meetings.
- CDRPC will:
 - Provide staff support for Linkage Planning Program and other consultant led planning studies funded through CDTC.
 - Participate in Community Planner Forum meetings.
 - Coordinate with CDTC on a Sustainable Development Speaker series.
 - Assist CDTC to compile regional land use and mobility trend data and information toward the preparation of a Regional Growth Trends Story Map.

Work Performed By: CDTC and CDRPC staff (joint effort)

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$25,000	\$30,000	\$0	\$55,000
FTA X033	\$35,000	\$0	\$0	\$35,000
FTA X032	\$5,000	\$0	\$0	\$5,000
Grand Total	\$65,000	\$30,000	\$0	\$95,000

CDRPC Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$26,000	\$0	\$0	\$26,000
Grand Total	\$26,000	\$0	\$0	\$26,000

3.51 Performance-Based Planning

Goal: To include national performance goals for the Federal-Aid Highway and Federal Transit Programs in CDTC’s metropolitan transportation planning activities.

Activities and Products:

- Review and update NYSDOT and CDTA targets that correspond to national performance goals for highways and transit.
- Maintain and update the performance measure report as needed.
- Review and revise the TIP project selection process as it relates to performance measures.

- Continue to collect and analyze data for NYSDOT (highway) and CDTA (transit) system performance targets.
- Continue to collect and analyze data to measure the performance of CDTC’s Metropolitan Transportation Plan.
- Research and implement methods to better present performance-based planning to the public, including an updated web page and data dashboard.

Work Performed By: CDTC staff

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$10,000	\$0	\$0	\$10,000
FTA X033	\$4,140	\$0	\$0	\$4,140
Grand Total	\$14,140	\$0	\$0	\$14,140

44.23.02 Long-Range Transportation Planning (LRTP) – Project Level

3.22 Regional Operations and Congestion Management

Goal: To implement the operations recommendations of CDTC’s New Visions 2050 Metropolitan Transportation Plan and update CDTC’s Congestion Management Process (CMP).

Activities and Products:

- Facilitate CDTC’s Regional Operations and Safety Advisory Committee (ROSAC) to discuss and coordinate operations and safety initiatives, share best practices and plan for the implementation of ITS, incident management, congestion management and safety.
- Continue to prepare an updated CDTC Congestion Management Process (CMP). Staff will prepare an updated methodology report, data analysis, GIS maps, and recommendations. The CMP update is being prepared in advance of the next Metropolitan Transportation Plan update.
- Promote CDTC’s Smart Mobility Toolbox.
- Support the NYSDOT Region 1 Traffic Incident Management (TIM) Committee.
- Integrate congestion management into CDTC’s Capital Programming process by identifying funding opportunities for operations and developing a pipeline for inclusion into the next TIP update (in conjunction with Task 5.01 Transportation Improvement Program).

Work Performed By: CDTC staff

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
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FHWA PL	\$39,100	\$0	\$900	\$40,000
FTA X032	\$15,000	\$0	\$0	\$15,000
Grand Total	\$54,100	\$0	\$900**	\$55,000*

*An additional \$3,625 in local in-kind services is anticipated, shown in UPWP Table 1A.

**Cost of Highway Capacity Software.

3.32 Regional Signal Timing Program

Goal: To identify candidate locally owned signalized roadways for traffic signal optimization, and to manage a consultant effort to develop and implement optimized timing plans in the field.

Activities and Products:

- Working with local governments and using available travel time data, identify local signalized roadways with the greatest potential benefit from timing optimization.
- Manage a consultant through a \$100,000 contract to conduct turning movement counts, develop optimized timings, and field-implement the timing directives in the Cities of Albany, Schenectady, and Saratoga Springs.
- Conduct before-and-after studies to quantify the benefit of the timing optimization.

Work Performed By: CDTC staff (Lead) and a consultant.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024. Consultant effort to be completed in April 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$20,000	\$100,000	\$0	\$120,000
FTA X033	\$5,000	\$0	\$0	\$5,000
Grand Total	\$25,000	\$100,000	\$0	\$125,000*

*An additional \$5,000 in local in-kind services is anticipated, shown in UPWP Table 1A.

44.24.00 Short-Range Transportation Planning (S RTP)

4.17 Complete Streets

Goal: To support planning and implementation of Complete Streets in the region.

Activities and Products:

- Assist communities in the implementation and maintenance of Complete Streets, including the promotion of the CDTC Complete Streets Design Guide and evolving best practices.
- Implement the next generation of training through a \$30,000 consultant effort to implement Complete Streets and strengthen relationships among transportation practitioners, municipal departments, and the community.

- Encourage Complete Streets policy adoption and design best practices; facilitate coordination between different levels of government and agencies in conjunction with Task 4.17 Active Transportation.
- CDRPC will work with CDTC staff to determine the best approach to assess the economic impacts of complete street and active transportation projects. Work may include developing a scope of work to solicit qualified vendors or secure software programs.
- Use economic, crash, and usage data to measure the return on investment and guide complete street and active transportation projects and plans.

Work Performed By: CDTC staff (Lead), CDRPC staff, and a consultant.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$30,000	\$0	\$45,000
FTA X033	\$15,000	\$0	\$0	\$15,000
Grand Total	\$30,000	\$30,000	\$0	\$60,000

*An additional \$2,000 in local in-kind services is anticipated, shown in UPWP Table 1A.

CDRPC Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$18,000	\$0	\$0	\$18,000
Grand Total	\$18,000	\$0	\$0	\$18,000

4.21 Freight Planning

Goal: To further CDTC’s freight planning efforts by facilitating the Freight Advisory Committee and augmenting CDTC’s Regional Freight & Goods Movement Plan (Freight Plan) recommendations.

Activities and Products:

- Complete the consultant led Regional Truck Parking Study.
- Facilitate quarterly CDTC Freight Advisory Committee (FAC) meetings and sustain meaningful outreach to regional public and private freight stakeholders by growing FAC membership.
- Participate in the development of the New York State Freight Transportation Plan update.
- Assist NYSDOT and local jurisdictions with planning and implementing projects, programs, and policies identified in the CDTC Freight Plan and the New York State Freight Plan.
- Update and develop new freight data and GIS information for regional freight facilities and activity, as available.
- Implement and monitor the CDTC freight system performance measures, and collect appropriate data, as needed.
- Collect data to monitor the regional Freight Priority Network and update, as needed.
- Participate as requested to provide freight-related input for local planning studies.

- Continue to build a working relationship with regional higher education institutions, such as the Rensselaer Polytechnic Institute (RPI) Volvo Center of Excellence for Sustainable Urban Freight Systems, and the University at Albany, to support their freight-related activities and develop new initiatives.

Work Performed By: CDTC staff (lead) and a consultant.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024. Completion of the Regional Truck Parking Study consultant effort expected in April 2023; 47% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$40,000	\$70,825	\$0	\$110,825
Grand Total	\$40,000	\$70,825	\$0	\$110,825*

*An additional \$2,000 in local in-kind services is anticipated, shown in UPWP Table 1A.

4.35 Health Impact Assessments

Goal: To integrate public health considerations into the metropolitan transportation planning process by fostering improved communications and coordination with local health departments and conducting a technical analysis of the public health impacts of regional transportation projects and programs.

Activities and Products:

- Demonstrate a Health Impact Assessment (HIA) tool on existing transportation plans and projects and develop recommendations for integrating the HIA in the metropolitan transportation planning process.
- Apply the HIA tool developed by CDTC staff and staff from the health departments of the four counties to a sample of plans and projects to determine if it is reliable.
- Fine-tune the HIA tool to appropriately measure public health impacts.
- Support local health department initiatives that promote healthy and safe streets and communities.
- Participate in the Albany County Department of Health Center for Disease Control Closing the Gap Grant Leadership Team.
- CDRPC will assist the Saratoga Communities of Excellence Group with tracking social determinants of health and identifying interventions to achieve better outcomes. Led by Saratoga Hospital, the group includes a multidisciplinary coalition of organizations focused on collaboration and identifying better ways to track data and make cross cutting connections between the health and human services agencies. The group is also focused on how the transportation system creates barriers to better health outcomes and identifying opportunities to improve access to appropriate transportation for people needed care or service providers.

Work Performed By: CDTC and CDRPC staff (joint effort).

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$0	\$0	\$15,000
Grand Total	\$15,000	\$0	\$0	\$15,000*

*An additional \$1,000 in local in-kind services is anticipated, shown in UPWP Table 1A.

CDRPC Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$13,000	\$0	\$0	\$13,000
Grand Total	\$13,000	\$0	\$0	\$13,000

4.60 Traffic Safety Education, Encouragement, and Enforcement

Goal: To provide traffic safety information and resources to all users of the transportation system, with safety programming and messaging focusing on recommendations in CDTC’s Local Road Safety Action Plan (2019).

Activities and Products:

- Support the following safety programs and activities related to the emphasis areas outlined in the CDTC Local Road Safety Action Plan (2019). The emphasis areas include intersections, road user behavior, age-related, vulnerable users, lane departure and speed.
 - Purchase and distribute \$5,000 in safety educational materials.
 - Support eight bike skills training courses for youth valued at \$10,000 in Albany, Schenectady, and Scotia.
 - Develop and post social media messages and other content that promotes traffic safety.
 - Support \$10,000 for traffic safety events led by local police departments.
 - Support safety education events such as the annual Albany County Traffic and Safety Event at Crossgates Mall.

Work Performed By: CDTC staff.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements*	Other Expenditures	Total by Fund Source
FHWA PL	\$13,000	\$20,000	\$7,000	\$40,000
Grand Total	\$13,000	\$20,000	\$7,000	\$40,000**

*League Cycling Instructor through the League of American Bicyclists and local police department safety education events.

**An additional \$2,500 in local in-kind services is anticipated, shown in UPWP Table 1A.

4.64 Americans with Disabilities Act (ADA) Planning

Goal: To support municipalities toward the development of ADA Transition Plans.

Activities and Products:

- Manage a consultant to complete ADA planning work through a \$107,000 consultant contract with a one-year option to renew.
- Complete Self-Analyses and Transition Plans for the Village of Ballston Spa, Town of Guilderland, and City of Troy through a consultant. If funding remains available, include Clifton Park.

Work Performed By: CDTC staff (Lead) and a consultant.

Schedule: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$107,000	\$0	\$122,000
FTA X033	\$20,000	\$0	\$0	\$20,000
Grand Total	\$35,000	\$107,000	\$0	\$142,000

*An additional \$2,000 in local in-kind services is anticipated, shown in UPWP Table 1A.

4.67 Active Transportation Planning

Goal: To plan for a connected, robust, and accessible network of sidewalks, multi-use trails, and bicycle facilities throughout the Capital Region and support municipalities in the planning, design, and management of active transportation infrastructure.

Activities and Products:

- Support and maintain the Active Transportation Advisory Committee.
- Monitor and record regional progress toward developing a regional active transportation network.
- Provide guidance on E-bike and E-scooter planning and management.
- Track opportunities to fund active transportation planning and infrastructure construction.
- Encourage complete streets policy adoption and design best practices; facilitate coordination between different levels of government and agencies in conjunction with Task 4.17 Complete Streets.
- Provide opportunities for local municipalities to receive training and the most up-to-date information on design, maintenance, and construction best practices for active transportation infrastructure and programs.
- Coordinate with NYSDOT on bicycle and pedestrian planning, including the CMAQ/TAP solicitation and related statewide planning initiatives and the Active Transportation plan.
- Coordinate with communities on the implementation of the Capital District Trails Plan and with NYSOPRHP and the Hudson River Valley Greenway on trail planning initiatives.

Work Performed By: CDTC staff.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$25,000	\$0	\$0	\$25,000
FTA X033	\$35,000	\$0	\$0	\$35,000
FTA X032	\$5,000	\$0	\$0	\$5,000
Grand Total	\$65,000	\$0	\$0	\$65,000*

*An additional \$5,000 in local in-kind services is anticipated, shown in UPWP Table 1A.

4.70 Clean Cities

Goal: To host the Capital District Clean Cities Coalition (CDCC) and contribute to reduced emissions in the Capital Region through the promotion of alternative fuel vehicles as part of the U.S. Department of Energy’s (USDOE) Clean Cities Program.

Activities and Products:

- Develop a Coalition Strategic Plan.
- Expand the coalition to include up to ten active stakeholders through a targeted stakeholder program with a focus on entities in disadvantaged communities.
- Host ten events that promote and advance the use of alternative fuel vehicles. Events may include education workshops and webinars, vehicle ride and drives, stakeholder listening sessions and outreach on alternative fuel projects happening in the region.
- Provide technical assistance, technical training and education to fleets related to electric vehicles and track adoption.
- In coordination with Task 3.21 Climate Change Planning:
 - CDCC will collaborate with the New York State Department of Transportation, New York State Energy Research and Development Authority (NYSERDA), and State Metropolitan Planning Organizations to develop a regional Carbon Reduction Strategy and track federal funding opportunities.
 - Research best practices for effective alternative fuel carbon reduction projects.
 - Coordinate event logistics for Carbon Reduction and NEVI workshops (i.e., time, location, virtual platform, agendas, participation, etc.).
 - Review NYS Carbon Reduction Strategy Report.
 - Attend New York State Climate Assessment Initiative Transportation Working Group meetings.
 - Research and document the impacts of climate change on the region’s Transportation Infrastructure.

Work Performed By: CDTC staff.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete. USDOE contract coincides with CDTC fiscal year budget April 2023 to March 2024.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$0	\$0	\$0	\$0
Other Federal	\$110,000	\$0	\$0	\$110,000
Grand Total	\$110,000	\$0	\$0	\$110,000

44.25.00 Transportation Improvement Program (TIP)

5.01 Transportation Improvement Program (TIP) Development and Maintenance

Goal: To develop and maintain a multi-modal program of transportation projects called the Transportation Improvement Program (TIP). CDTC’s goal is to produce a balanced TIP that contributes to implementation of the Metropolitan Transportation Plan, New Visions 2050, as well as NYSDOT’s Transportation Asset Management Plan.

Activities and Products:

- Perform ongoing maintenance to the current TIP / STIP and maintain the TIP webpage.
- Perform ongoing monitoring of TIP Fiscal Constraint, TIP Performance, and project delivery status.
- Manage upcoming TIP project solicitations for federal funding.
- Continue to develop TIP Access Database to maintain the 2022-2027 TIP data and explore TIP project management software options.
- In conjunction with Task 3.31 Infrastructure Planning, continue to manage and support the TIP/Infrastructure Working Group.

Work Performed By: CDTC staff.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$40,000	\$0	\$0	\$40,000
FTA X033	\$30,000	\$0	\$0	\$30,000
FTA X032	\$5,000	\$0	\$0	\$5,000
Grand Total	\$75,000	\$0	\$0	\$75,000

*An additional \$3,625 in local in-kind services is anticipated, shown in UPWP Table 1A.

5.21 Air Quality Conformity

Goal: To ensure CDTC meets air quality conformity requirements under the Clean Air Act. CDTC’s metropolitan planning area continues to be in ‘Nonattainment’ for the 1997 Ozone National Ambient Air Quality Standards (NAAQS), requiring air quality conformity for TIP projects, and is in ‘Attainment’ for all other NAAQS.

Activities and Products:

- Consult with the New York State Interagency Consultation Group (ICG) for all TIP amendments and with the assignment of exempt/non-exempt codes to new TIP projects.
- Update the region’s Conformity Determination documentation, as needed.
- Explore the ability to incorporate the latest outputs from the Environmental Protection Agency’s MOVES model into CDTC’s STEP model. The Motor Vehicle Emission Simulator (MOVES) is an

emission modeling system that estimates emissions for mobile sources at the national, county, and project level for criteria air pollutants, greenhouse gases, and air toxins.

- Investigate how to build air quality considerations into future travel demand model update(s).

Work Performed By: CDTC staff

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$10,000	\$0	\$0	\$10,000
FTA X033	\$10,000	\$0	\$0	\$10,000
Grand Total	\$20,000	\$0	\$0	\$20,000

5.51 Travel Demand Modeling Services

Goal: To provide small scale on-demand services to the region’s municipalities for travel demand modeling related to local transportation planning and traffic engineering initiatives.

Activities and Products:

- Provide on-demand travel demand modeling services and traffic engineering studies designed to assess the feasibility and impact of complete street treatments, access management strategies, street network connectivity, pedestrian improvements, and any other action that would promote the implementation of the Metropolitan Transportation Plan. These should be simple studies that address operational questions at the planning/sketch level. Examples include:
 - Sketch-level analysis of new or revised roadway configurations
 - Sketch-level analysis of traffic pattern revisions
 - Background traffic growth rates for development studies
 - Trip generation and distribution analysis for development
 - Sketch-level analysis of detours related to emergencies and special events

Work Performed By: CDTC staff.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$20,000	\$0	\$0	\$20,000
Grand Total	\$20,000	\$0	\$0	\$20,000

5.61 TIP Project Development Support

Goal: To support Transportation Improvement Program sponsors with the development of traffic forecasts and other material for TIP project development and design purposes.

Activities and Products:

- Support NYSDOT Region 1 in developing traffic forecasts and other material for project development and design purposes, including traffic diversion analysis for construction work.
- Provide travel demand modeling and technical support to NYSDOT and members for Planning and Environmental Linkage Studies including the NY 378 Troy-Menands Bridge Study, the Reimagine I-787 Study, and the I-890 Exit 4C State Street/Washington Avenue Transportation Planning Study.
- Other projects will be addressed on an as-requested basis.

Work Performed By: CDTC staff.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
STBGP and NHPP	\$135,000	\$0	\$0	\$135,000
Grand Total	\$135,000	\$0	\$0	\$135,000

44.26.00 Planning Emphasis Areas (PEAs)

6.12 Human Service Agency Transportation

Goal: To fulfill requirements related to the 5310 Program: Enhanced Mobility of Seniors and Individuals with Disabilities and convene the Regional Transportation Coordination Committee (RTCC).

Activities and Products:

- Conduct public outreach for the updated Coordinated Public Transit Human Services Plan and work with the RTCC to assemble a draft document.
- Assist RTCC members and other providers of human services transportation to improve inter-agency communication and coordination and otherwise improve transportation access for seniors and people with disabilities.
- Begin planning a 2024 Tools of the Trade workshop for human services transportation providers.

Work Performed By: CDTC staff.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$0	\$0	\$15,000
FTA X033	\$30,000	\$0	\$0	\$30,000
FTA X032	\$5,000	\$0	\$0	\$5,000
Grand Total	\$50,000	\$0	\$0	\$50,000*

6.13 Transit Planning

Goal: To provide transit system planning support to the Capital District Transportation Authority (CDTA), other public and private operators, and to support CDTA in meeting its Federal Transit Administration (FTA) requirements.

Activities and Products:

- Support CDTA on the development of the Bus Rapid Transit Expansion Study, the Route Planning for System Expansion and Improvement Project, and the Transit Development Plan (TDP).
- Coordinate with state, regional, and local partners to plan for the Albany Intermodal Center.
- Initiate development of a Transit Access Toolkit that includes transit-friendly site design best practices and policies for use by local government; coordinate the Toolkit development with other CDTC Travel Demand Management (TDM) efforts.
- Coordinate with CDTA on the development and adoption of federal public transit-related performance measures and targets.
- Coordinate with CDTA staff on TIP amendments and other funding-related requests.

Work Performed By: CDTC staff (Lead) and CDTA staff.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$0	\$0	\$15,000
FTA X033	\$40,000	\$0	\$0	\$40,000
FTA X032	\$5,000	\$0	\$0	\$5,000
Grand Total	\$60,000	\$0	\$0	\$60,000

*In-kind services valued at \$65,000 are anticipated, shown in UPWP Table 1A.

6.14 Transportation Demand Management Initiatives

Goal: To reduce traffic congestion and transportation-related greenhouse gas emissions by enabling and encouraging commuter behavior change.

Activities and Products:

- Support programs and policies throughout the region that encourage or facilitate traveler behavior change away from single occupancy vehicle trips, such as maintaining 511NY Rideshare Capital Moves and CDTC websites, assisting in the administration of the Guaranteed Ride Home program and supporting Bike to Work activities in conjunction with Task 4.60 Traffic Safety Education, Encouragement, and Enforcement) and a vendor (\$2,000).
- Administer a \$30,000 consultant-led survey to identify factors that motivate commuter mode choices.
- Advise, educate and inform local and regional business and municipal decision-makers about TDM programs and policies (also supported by Task 6.13 Transit Planning).

- Assist in updating the Congestion Management Process (Task 3.22 Regional Operations/Congestion Management) to include targeting congested corridors with tailored TDM strategies.

Work Performed By: CDTC staff (Lead) and a consultant.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$5,000	\$30,000	\$5,000	\$40,000
FTA X033	\$30,000	\$0	\$0	\$30,000
FTA X032	\$5,000	\$0	\$0	\$5,000
Grand Total	\$40,000	\$30,000	\$5,000	\$75,000

6.16 Safety Planning

Goal: To provide tools, data, and resources to reduce crashes, particularly fatal and serious injury crashes, on all public roads. Following CDTC’s Local Road Safety Action Plan and highlighting a Safe Systems approach, staff will provide resources to empower and enable local governments to access available safety funding.

Activities and Products:

- Administer a \$1,150,000 FHWA Safe Streets and Roads for All Grant for supplemental safety analysis and Vision Zero safety planning in the Capital Region. Joint applicants include the Cities of Albany, Saratoga Springs, Watervliet, Troy, Village of Green Island, and NYSDOT.
- Contribute to the Regional Operations and Safety Advisory Committee.
- Learn the NYSDOT Crash Location Engineering & Analysis Repository Safety application for analyzing crash data and provide local training on its capabilities.
- Conduct regional ‘hotspot’ network screening to assist with HSIP expenditures, create lists of common crash themes, roadway risk factors and location characteristics for communities, highlight countermeasures to address them, and identify potential funding.
- Attend traffic safety board meetings and support development of the New York State Strategic Highway Safety Plan, an updated New York State Pedestrian Safety Action Plan, as well as implementation of the NYSDOT Roadway Departure Safety Action Plan, including by creating a plan to use available HSIP funding to reduce curve-related lane departure crashes.
- Provide technical assistance to the Town of Bethlehem for Local Road Speed Reduction and disseminate available guidance to communities on reducing speed limits to 25 MPH.

Work Performed By: CDTC staff.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
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FHWA PL	\$30,000	\$0	\$0	\$30,000
FTA X033	\$25,000	\$0	\$0	\$25,000
SS4A: Safe Streets	\$0	\$1,150,400	\$0	\$1,150,400
Local Cash	\$0	\$288,000	\$	\$288,000
Grand Total	\$55,000	\$1,438,400	\$0	\$1,493,400

6.17 Resilience and Security Planning

Goal: To work with the owners and operators of the region’s transportation system to identify critical assets and vulnerabilities and develop an adaptation framework to integrate into the metropolitan planning process.

Activities and Products:

- Support local and regional resiliency and climate adaptation planning efforts.
- Coordinate with local, state, and federal agencies on hazard mitigation initiatives and resiliency planning.
- Track and monitor state and federal guidance and funding available to promote resiliency and climate adaptation.
- Assess climate and natural hazard risks.
- Research and possibly develop a Request for Proposals for a regional vulnerability assessment and/or Resiliency Improvement Plan in conjunction with Task 3.31 Infrastructure Planning.

Work Performed By: CDTC staff.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$20,000	\$0	\$0	\$20,000
Grand Total	\$20,000	\$0	\$0	\$20,000

44.27.00 Other Activities

7.10 Town of Colonie GEIS Support

Goal: To perform traffic and mitigation cost reviews for land development projects in the Town of Colonie Airport and Boght Generic Environmental Impact Statement (GEIS) areas.

Activities and Products:

- Support implementation of the GEIS mitigation cost program in the Airport, Lisha Kill, and Boght Road areas of the Town of Colonie.

- Provide CDTC technical services by reviewing each development application in the GEIS study areas, calculating the appropriate transportation mitigation cost for use by the town, and reviewing arterial management and site circulation issues.

Work Performed By: CDTC staff.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
Local Cash	\$0	\$45,000	\$0	\$45,000
Grand Total	\$0	\$45,000	\$0	\$45,000

7.11 Town of Malta GEIS Support

Goal: To perform traffic and mitigation cost reviews for land development projects in the Town of Malta for the town wide Generic Environmental Impact Statement (GEIS).

Activities and Products:

- Support implementation of the GEIS mitigation cost program in the Town of Malta.
- Provide CDTC technical services by reviewing each development application in the GEIS study areas, calculating the appropriate transportation mitigation cost for use by the town, and reviewing arterial management and site circulation issues.

Work Performed By: CDTC staff.

Timeline: Ongoing initiative beginning April 1, 2023 and ending March 31, 2026; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
Local Cash	\$0	\$25,000	\$0	\$25,000
Grand Total	\$0	\$25,000	\$0	\$25,000

7.20 Shared Transit Service Planning and Analytics Initiative

Goal: To assess transit mobility planning and analysis tools and conduct pilot studies to apply the tools to ongoing MPO planning activities.

Activities and Products:

- Continue to manage a consultant on behalf of the New York State Association of Metropolitan Planning Organizations (MPO), their planning partners at transit agencies, NYSDOT, and federal partners.
- Support a set of collaborative pilot applications of common transit mobility planning and analysis tools. Four software pilots were implemented in 2022. The results of these pilots will guide a potential broader statewide hosting of these tools for use by MPOs, NYSDOT and Transit

Systems in New York State. If successful, the pilots may support a case for deploying a common statewide portal for these tools to support common analysis methods for service planning and evaluation across the State’s metropolitan areas.

Work Performed By: Consultant

Timeline: A \$433,590 consultant contract began June 22, 2021 with completion expected by July 2023; 81% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FTA SCI	\$0	\$84,265	\$0	\$84,265
FTA X033	\$20,000	\$0	\$0	\$20,000
Grand Total	\$20,000	\$84,265	\$0	\$104,265

7.21 All Access Complete Streets Feasibility Study

Goal: To conduct a community-wide pedestrian and bicycle safety assessment and prepare a Complete Streets Feasibility Study including preliminary concepts at certain high priority walking and bicycling areas that are known and perceived to present safety hazards for motorists, pedestrians, and bicyclists.

Activities and Products:

- Develop a scope of work for the project and issue a Request for Expressions of Interest for a \$55,000 contract over two fiscal years.
- Evaluate consultant expressions of interest and select a consultant for the contract.
- Manage a consultant to prepare the All Access Complete Streets Feasibility Study. This study is part of CDTC’s 2023-24 Community and Transportation Linkage Planning Program.
- Provide technical support by generating environmental justice, environmental mitigation, and Limited English Proficiency mapping and analysis, existing conditions, and other technical work on an as needed basis.

Work Performed By: Consultant; Village of Voorheesville project sponsor.

Timeline: The project will begin April 1, 2023 with completion expected by September 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$49,500	\$0	\$64,500
Local Cash	\$0	\$5,500	\$0	\$5,500
Grand Total	\$15,000	\$55,000	\$0	\$70,000

7.22 Broadway Flood Resilient Multi-Modal Corridor Study

Goal: To identify and evaluate conceptual design alternatives that improve multi-modal transportation facilities and connectivity, increase the urban forest, and integrate green infrastructure and climate resiliency along the length of the Broadway/Route 32 corridor from Albany to Watervliet.

Activities and Products:

- Develop a scope of work for the project and issue a Request for Expressions of Interest for a \$115,000 contract over two fiscal years.
- Evaluate consultant expressions of interest and select a consultant for the contract.
- Manage a consultant to prepare the Broadway Flood Resilient Multi-Modal Corridor Study. This study is part of CDTC's 2023-24 Community and Transportation Linkage Planning Program.
- Provide technical support by generating environmental justice, environmental mitigation and Limited English Proficiency mapping and analysis, existing conditions, and other technical work on an as needed basis.

Work Performed By: Consultant; Albany County project sponsor.

Timeline: The project will begin April 1, 2023 with completion expected by September 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$100,000	\$0	\$115,000
Local Cash	\$0	\$15,000	\$0	\$15,000
Grand Total	\$15,000	\$115,000	\$0	\$130,000

7.23 Castleton Complete Streets & Connections Plan

Goal: To develop concepts for Complete Streets, managed parking, and more pedestrian-friendly streets, identified as priorities in the Village's Comprehensive Plan. Trail connections between downtown and Schodack Island State Park will also be explored.

Activities and Products:

- Develop a scope of work for the project and issue a Request for Expressions of Interest for a \$75,000 contract over two fiscal years.
- Evaluate consultant expressions of interest and select a consultant for the contract.
- Manage a consultant to prepare the Castleton Complete Streets & Connections Plan. This study is part of CDTC's 2023-24 Community and Transportation Linkage Planning Program.
- Provide technical support by generating environmental justice, environmental mitigation and Limited English Proficiency mapping and analysis, existing conditions, and other technical work on an as needed basis.

Work Performed By: Consultant; Village of Castleton-on-Hudson project sponsor.

Timeline: The project will begin April 1, 2023 with completion expected by September 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$9,214	\$0	\$22,214
FHWA PL Set-Aside	\$0	\$62,786	\$0	\$62,786
Local Cash	\$0	\$3,000	\$0	\$3,000
Grand Total	\$15,000	\$75,000	\$0	\$90,000

*An additional \$5,000 in local in-kind match will be provided by the Village of Castleton-on-Hudson to support the project, shown in UPWP Table 1A.

7.24 Central Avenue West Corridor Study

Goal: To examine existing conditions and identify opportunities for potential development or redevelopment sites, improve access management, and develop Complete Streets concepts for the NY 5 Corridor from New Karner Road/Route 155 west to the Niskayuna town line.

Activities and Products:

- Develop a scope of work for the project and issue a Request for Expressions of Interest for a \$150,000 contract over two fiscal years.
- Evaluate consultant expressions of interest and select a consultant for the contract.
- Manage a consultant to prepare the Central Avenue West Corridor Study. This study is part of CDTC’s 2023-24 Community and Transportation Linkage Planning Program.
- Provide technical support by generating environmental justice, environmental mitigation and Limited English Proficiency mapping and analysis, existing conditions, and other technical work on an as needed basis.

Work Performed By: Consultant; Town of Colonie project sponsor.

Timeline: The project will begin April 1, 2023 with completion expected by September 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$150,000	\$0	\$165,000
Local Cash	\$0	\$0	\$0	\$0
Grand Total	\$15,000	\$150,000	\$0	\$165,000

*An additional \$15,000 in local in-kind match will be provided by the Town of Colonie to support the project, shown in UPWP Table 1A.

7.25 Curry Road & Guilderland Avenue Multi-Modal Study

Goal: To create a plan for a more balanced transportation system along the Curry Road and Guilderland

Avenue corridors that includes safe and compliant ADA access for all users, including pedestrians, bicyclists, transit users and motorists.

Activities and Products:

- Develop a scope of work for the project and issue a Request for Expressions of Interest for a \$90,000 contract over two fiscal years.
- Evaluate consultant expressions of interest and select a consultant for the contract.
- Manage a consultant to prepare the Curry Road & Guilderland Avenue Multi-Modal Study. This study is part of CDTC’s 2023-24 Community and Transportation Linkage Planning Program.
- Provide technical support by generating environmental justice, environmental mitigation and Limited English Proficiency mapping and analysis, existing conditions, and other technical work on an as needed basis.

Work Performed By: Consultant; Town of Rotterdam project sponsor.

Timeline: The project will begin April 1, 2023 with completion expected by September 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$75,000	\$0	\$90,000
Local Cash	\$0	\$15,000	\$0	\$15,000
Grand Total	\$15,000	\$90,000	\$0	\$105,000

*An additional \$20,000 in local in-kind match will be provided by the Town of Rotterdam to support the project, shown in UPWP Table 1A.

7.26 Milton Town Center Plan Update

Goal: To identify potential improvements for safe walking and bicycling facilities from West Milton to the Town's center and create connections to the Zim Smith and Geyser Road trails.

Activities and Products:

- Develop a scope of work for the project and issue a Request for Expressions of Interest for a \$100,000 contract over two fiscal years.
- Evaluate consultant expressions of interest and select a consultant for the contract.
- Manage a consultant to prepare the Milton Town Center Plan Update. This study is part of CDTC’s 2023-24 Community and Transportation Linkage Planning Program.
- Provide technical support by generating environmental justice, environmental mitigation and Limited English Proficiency mapping and analysis, existing conditions, and other technical work on an as needed basis.

Work Performed By: Consultant; Town of Milton project sponsor.

Timeline: The project will begin April 1, 2023 with completion expected by September 2024; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$75,000	\$0	\$90,000
Local Cash	\$0	\$25,000	\$0	\$25,000
Grand Total	\$15,000	\$100,000	\$0	\$115,000

7.70 East & North Greenbush Route 4 Corridor Study Update

Goal: To develop a plan for the Route 4 corridor in the Towns of East and North Greenbush that identifies a preferred corridor profile, based on a representative public input process, and a clear implementation strategy to improve transportation operations.

Activities and Products:

- Continue to manage a consultant to prepare an update to the 2006 Route 4 Corridor Study. This \$90,000 study was funded as part of CDTC’s 2021-22 Community and Transportation Linkage Planning Program.
- Provide technical support by generating environmental justice, environmental mitigation and Limited English Proficiency mapping and analysis, existing conditions, and other technical work on an as needed basis.

Work Performed By: Consultant

Timeline: The project began January 2022 with completion expected by September 2023; 20% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$58,012	\$0	\$73,012
Local Cash	\$0	\$14,178*	\$0	14,178
Grand Total	\$15,000	\$63,868	\$0	\$87,190

*An additional \$6,250 in local in-kind match will be provided by the Town of East Greenbush to support the project, shown in UPWP Table 1A.

7.86 Town of Brunswick Hoosick Road Corridor Study

Goal: To develop recommendations to reduce traffic congestion, improve safety and improve multimodal mobility on Hoosick Road (NYS Route 7) from Lake Avenue to Sweetmill Creek Road in the Town of Brunswick.

Activities and Products:

- Continue to manage a consultant to prepare the Hoosick Road Corridor Study. This \$99,000 study was funded as part of CDTC’s 2022-23 Community and Transportation Linkage Planning Program.

- Provide technical support by generating environmental justice, environmental mitigation and Limited English Proficiency mapping and analysis, existing conditions and other technical work on an as needed basis.

Work Performed By: Consultant

Timeline: The project began October 2022 with completion expected by November 2023; 3% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$86,645	\$0	\$101,645
Local Cash	\$0	\$9,000	\$0	\$9,000
Grand Total	\$15,000	\$95,645	\$0	\$110,645

7.87 Sand Creek Road Complete Street Feasibility Study

Goal: To prepare a Complete Street Feasibility Study for Sand Creek Road, from Watervliet Shaker Road to Wolf Road in the Village and Town of Colonie.

Activities and Products:

- Continue to manage a consultant to prepare the Sand Creek Road Feasibility Study. This \$65,000 study was funded as part of CDTC’s 2022-23 Community and Transportation Linkage Planning Program.
- Provide technical support by generating environmental justice, environmental mitigation and Limited English Proficiency mapping and analysis, existing conditions and other technical work on an as needed basis.

Work Performed By: Consultant

Timeline: The project began April 1, 2022 with completion expected by December 2023; 0% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$20,000	\$0	\$35,000
Local Cash	\$0	\$15,000*	\$0	\$15,000
Grand Total	\$15,000	\$35,000	\$0	\$50,000

*An additional \$10,000 in local in-kind match will be provided by the Village of Colonie to support the project, shown in UPWP Table 1A.

7.88 City of Schenectady Albany and Crane Streets Linkage Study

Goal: To perform a traffic analysis on in the Albany Street and Crane Street corridors of the City of Schenectady to be used in determining what transportation related projects would most benefit the Mount Pleasant and Hamilton Hill neighborhoods by improving the flow of vehicular traffic, parking

availability, safety for pedestrians, cyclists, the disabled, and public transit riders, and the economic success of the commercial businesses.

Activities and Products:

- Continue to manage a consultant to prepare the Albany and Crane Streets Linkage Study. This \$90,000 study was funded as part of CDTC’s 2022-23 Community and Transportation Linkage Planning Program.
- Provide technical support by generating environmental justice, environmental mitigation and Limited English Proficiency mapping and analysis, existing conditions and other technical work on an as needed basis.

Work Performed By: Consultant

Timeline: The project began April 1, 2022 with completion expected by September 2023; 4% complete.

Budget Estimate:

Fund Sources	Staff Time	Professional Services and Agreements	Other Expenditures	Total by Fund Source
FHWA PL	\$15,000	\$55,433	\$0	\$70,433
Local Cash	\$0	\$30,000	\$0	\$30,000
Grand Total	\$15,000	\$85,433	\$0	\$100,433

Statewide Planning Efforts

NYSAMPO Shared Cost Initiatives (SCI)

The Shared Cost Initiative Program is a joint program of the State's fourteen MPOs, with funding provided from each MPO and administration provided by a "host" MPO for each effort on behalf of the group. Planning efforts funded through this program support research and technical activities of a mutually beneficial nature to all fourteen MPOs in the State.

- **Shared Transit Service Planning and Analytics Initiative**

Objective: Support a set of collaborative pilot applications of common transit mobility planning and analysis tools.

Cost: \$458,590 FTA Section 5303 MPP/\$114,648 NYSDOT IKS

Lead Agency: Capital District Transportation Committee

- **NYSAMPO Staff Support**

Objective: Provide administrative and technical support for NYSAMPO efforts, including working groups.

Cost: \$250,000 (\$150,000 FHWA PL and \$100,000 NYSDOT SPR)

Lead Agency: Capital District Transportation Committee

- **NYSAMPO Staff Training**

Objective: Provide relevant training and professional development opportunities for the staffs and member agencies of MPOs.

Cost: \$55,615 FHWA PL and \$104,345 FTA MPP/\$26,086 NYSDOT IKS

Lead Agency: Genesee Transportation Council

- **AMPO Dues**

Objective: Ensure that MPOs are aware of and considered in the development of national transportation policy.

Cost: \$53,605 FHWA PL

Lead Agency: Binghamton Metropolitan Transportation Study

State Planning Research (SPR) Funded Efforts

SPR #	Project Title	Projected End Date	SPR Funding	Short Description
All MPOs				
C-15-52	Statewide Planning, Policy & Technical Research Tasks in Support of ATDM (Active Transportation Demand Management)	June 2022	\$3,725,000	Progress & support specific task-order based assignments related to planning, policy, technical assistance & research needs that may be inter-regional or statewide in scope & aim to reduce congestion, energy consumption & greenhouse gas emissions, improve mobility, increase transportation efficiency through multimodal measures & promote or foster a sustainable transportation system.
C-15-54	Bus Safety Inspection System (BusNET)	November 2022	\$2,300,000	Replace existing 25-year-old mainframe w/a new, modern, server-based IT system.
C-17-53	Pavement Condition Data Collection Services	December 2024	\$20,500,000	Collect pavement condition data as necessary to comply w/annual state & federal requirements & NYSDOT pavement management practices & develop & maintain a system to track location, dimension & condition of other highway related assets.
C-17-56	Statewide Coordination of Metropolitan Planning Programs	March 2023	\$100,000	Support & maintain the ongoing coordination of metropolitan planning programs in NYS for statewide benefit; ongoing collaboration of the 14 MPOs; & on-going coordination of metropolitan & statewide planning programs.
C-17-59	Traffic Data System	February 2029	\$3,890,100	Implement an automated traffic data management system application.
C-18-53	Probe Data: Floating Car (GPS-based)	August 2023	\$337,500	Purchase floating car probe data to establish performance targets to assess travel reliability, congestion & emissions & perform other analyses & visualizations of road performance for passenger cars & trucks. Data will be utilized by NYSDOT & MPOs.
C-18-55	NYS Transportation Master Plan	January 2023	\$2,000,000	Produce an updated, statewide long-range transportation plan to coordinate federal & state transportation planning activities.
C-19-51	Short Count Traffic Count Program (2020-2024)	December 2024	\$25,613,607	Provide for collection of traffic data in NYSDOT Regions 1 - 11 (divided into Zones).
SP-20-02	NPTS, CTPP, Intercity Travel (ATS) and Travel Patterns for NYS	February 2025	\$3,580,616	Establish a research & analysis capability w/Oak Ridge National Labs (ORNL), Center for Transportation Analysis, to assist NYS in analyzing national data.

SP-20-03	Research, Development & Support of an Integrated Planning & Performance Data & Analytics Framework (PPDAF)	September 2023	\$906,500	Leverage the current analysis tools to research & further integrate travel time datasets & available open-source analytics tools w/other transportation, economic & demographic data to support efficient & consistent planning & analysis.
SP-21-02	Program & Project Management System Support Services	September 2024	\$1,140,000	Provide support services for post-implementation of a Department-wide enhanced & improved enterprise level program & project management system to facilitate improvements to capital program delivery.
SP-21-04	Highway Oversize/Overweight Credentialing System (HOOCs) Phase 2	September 2026	\$1,950,000	Implement a Commercial Off-the-Shelf (COTS) HOOCs software solution & obtain accompanying integration services necessary to fulfill NYSDOT's Central Permitting Bureau's business requirements. Phase 2 will advance functionality of HOOCs.
SP-21-05	Statewide Small Culvert Inventory & Inspection System Improvements	December 2023	\$4,000,000	Expand the number of small culverts contained w/in NYSDOT's AgileAssets Maintenance Management System (MMS) to create a complete statewide inventory & inspection of small culverts.
SP-21-06	Accelerating the Use of Integrated Incident Management System (IIMS) for Traffic Incident Data Collection and Management	December 2022	\$295,000	Demonstrate the ability of an enhanced IIMS to provide improved sharing of incident reporting between First/Secondary Response teams & operations centers to: improve situational awareness, enhance coordinated response to incidents & safety of incident scenes, reduce incident duration & impact (lane closures, delay, & occurrence of secondary incidents) using analytical tools that correlate IIMS w/vehicle sensor & other data sources.
SP-21-08	Continuous Count Traffic Count Program, Zone 1	February 2024	\$5,082,107	For full performance-based maintenance & upgrade services to provide better coverage, distribution & differentiation by functional classification of roadway, geographic area & seasonality of traffic patterns.
SP-21-09	Continuous Count Traffic Count Program, Zone 2	February 2024	\$4,824,525	For full performance-based maintenance & upgrade services to provide better coverage, distribution & differentiation by functional classification of roadway, geographic area & seasonality of traffic patterns.

APPENDIX A

DRAFT FY2023-2024 FINANCIAL TABLES

Financial Tables will be adjusted when closeout balances are final

Table 1
2023 - 2024 UPWP
DRAFT CDTC Staff Budget
Task and Auditable Budgets

	FHWA					SS4A: Safe Streets & Roads for All	X032 22-23 SEC 5303 GRANT	X033 23-24 SEC 5303 GRANT	FTA SCI	USDOE	Local In-Kind	Local Cash/Agreements	GRAND TOTALS
	PL Staff	PL Consultant/Vendor	FHWA PL Set-Aside	NHPP/STBGP Project Develop.	SPR								
44.21.00 PROGRAM SUPPORT & ADMINISTRATION													
1.51 Committee Activities	50,000	0		0	0	0	30,000	0	0	0	0	0	80,000
1.61 CDTC Operations and Management	60,000	10,000		0	0	0	0	0	0	0	0	0	70,000
1.65 UPWP Development	25,000	0		0	0	5,000	15,000	0	0	0	0	0	45,000
1.66 Environmental Justice and Title VI	28,000	2,000		0	0	5,000	30,000	0	0	3,000	0	0	68,000
1.68 NYSAMPO Administration*	0	150,000		0	100,000	0	0	0	0	0	0	0	250,000
1.69 NYSAMPO / AMPO / TRB	50,000	0		0	0	0	0	0	0	0	0	0	50,000
1.70 Public Participation	30,000	40,000		0	0	5,000	25,000	0	0	0	0	0	100,000
1.73 CDTC/CDRPC Technical Assistance	25,000	0		0	0	0	0	0	0	5,000	9,000	0	39,000
44.22.00 GENERAL DEVELOPMENT & COMPREHENSIVE PLANNING													
2.25 Transportation Data Collection	40,000	98,304		0	0	0	10,000	0	0	0	9,000	0	157,304
2.28 Census and Capital Region Indicators	20,000	0		0	0	0	20,000	0	0	0	0	0	40,000
2.29 GIS	70,000	0		0	0	5,000	30,000	0	0	0	0	0	105,000
2.30 Pavement Condition Inventory Albany County	0	0		0	0	0	0	0	0	0	12,000	0	12,000
44.23.01 LONG-RANGE TRANSP. PLANNING (LRTP) - System Level													
3.11 STEP Model Development	50,000	10,000		0	0	0	0	0	0	0	0	0	60,000
3.21 Climate Change Initiative	20,000	0		0	0	0	0	0	0	0	0	0	20,000
3.31 Infrastructure Planning	40,000	0		0	0	0	5,000	0	0	0	0	0	45,000
3.35 Town of Hoosick Asset Management Plan	15,000	30,000		0	0	0	0	0	0	0	3,000	0	48,000
3.41 New Visions/MTP Refinement	25,000	30,000		0	0	5,000	35,000	0	0	0	0	0	95,000
3.51 Performance-Based Planning	10,000	0		0	0	0	4,140	0	0	0	0	0	14,140
44.23.02 LONG-RANGE TRANSP. PLANNING (LRTP) - Project Level													
3.22 Regional Operations/Congestion Management	40,000	0		0	0	0	15,000	0	0	3,625	0	0	58,625
3.32 Regional Signal Timing Program	20,000	100,000		0	0	0	5,000	0	0	5,000	0	0	130,000
44.24.00 SHORT-RANGE TRANSPORTATION PLANNING (SRTP)													
4.17 Complete Streets	15,000	30,000		0	0	0	15,000	0	0	2,000	0	0	62,000
4.21 Freight Planning	40,000	70,825		0	0	0	0	0	0	2,000	0	0	112,825
4.35 Health Impact Assessments	15,000	0		0	0	0	0	0	0	1,000	0	0	16,000
4.60 Safety Education/ Encouragement Program	13,000	27,000		0	0	0	0	0	0	2,500	0	0	42,500
4.64 ADA Planning	15,000	107,000		0	0	0	20,000	0	0	2,000	0	0	144,000
4.67 Active Transportation Planning	25,000	0		0	0	5,000	35,000	0	0	5,000	0	0	70,000
4.70 Clean Cities	0	0		0	0	0	0	0	110,000	0	0	0	110,000
44.25.00 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)													
5.01 TIP	40,000	0		0	0	5,000	30,000	0	0	3,625	0	0	78,625
5.21 Air Quality Conformity	10,000	0		0	0	0	10,000	0	0	0	0	0	20,000
5.51 Travel Demand Modeling Services	20,000	0		0	0	0	0	0	0	0	0	0	20,000
5.61 TIP Project Development Support	0	0		135,000	0	0	0	0	0	0	0	0	135,000
44.26.00 PLANNING EMPHASIS AREAS (PEAs)													
6.12 Human Services Agency Transportation	15,000	0		0	0	5,000	30,000	0	0	0	0	0	50,000
6.13 Transit Planning	15,000	0		0	0	5,000	40,000	0	0	65,000	0	0	125,000
6.14 TDM Initiatives	10,000	30,000		0	0	5,000	30,000	0	0	0	0	0	75,000
6.16 Safety Planning	30,000	0		0	0	1,150,400	25,000	0	0	0	247,700	1,453,100	
6.17 Security Planning	20,000	0		0	0	0	0	0	0	0	0	0	20,000
44.27.00 OTHER ACTIVITIES													
7.10 Town of Colonie GEIS Support	0	0		0	0	0	0	0	0	0	45,000	0	45,000
7.11 Town of Malta GEIS Support	0	0		0	0	0	0	0	0	0	25,000	0	25,000
7.20 Shared Transit Service Planning and Analytics Initiative	0	0		0	0	0	20,000	84,265	0	0	0	0	104,265
7.21 All Access Complete Streets Feasibility Study	15,000	49,500		0	0	0	0	0	0	0	5,500	0	70,000
7.22 Broadway Flood Resilient Multi-Modal Corridor Study	15,000	100,000		0	0	0	0	0	0	0	15,000	0	130,000
7.23 Castleton Complete Streets & Connections Plan	15,000	9,214	62,786							5,000	3,000	0	95,000
7.24 Central Avenue West Corridor Study	15,000	150,000								15,000	0	0	180,000
7.25 Curry Road & Guilderland Avenue Multi-Modal Study	15,000	75,000								20,000	15,000	0	125,000
7.26 Milton Town Center Plan Update	15,000	75,000								0	25,000	0	115,000
7.70 East & North Greenbush Route 4 Corridor Study	15,000	58,012		0	0	0	0	0	0	6,250	14,178	0	93,440
7.86 Town of Brunswick Hoosick Road Corridor Study	15,000	86,645		0	0	0	0	0	0	0	9,000	0	110,645
7.87 Sand Creek Road Complete Street Feasibility Study	15,000	20,000		0	0	0	0	0	0	10,000	15,000	0	60,000
7.88 City of Sch'dy Albany & Crane Streets Linkage Study	15,000	55,433		0	0	0	0	0	0	0	30,000	0	100,433
CDTC UPWP TOTAL EFFORT	1,051,000	1,413,933	62,786	135,000	100,000	1,150,400	50,000	479,140	84,265	110,000	156,000	482,378	5,274,902
TOTAL FEDERAL	2,377,719	1,413,933	62,786	108,000	80,000	1,150,000	50,000	479,140	84,265	110,000	0	0	4,439,124
CDTC Non-Federal Match	121,839	0	0	0	0	0	3,125	29,946	0	0	0	0	154,910
CDRPC PL Program	183,000	0	0	0	0	0	0	0	0	0	61,000	0	244,000
STATE CASH	0	0	0	27,000	20,000	40,300	0	0	0	0	0	0	87,300
STATE IKS	0	0	0	0	0	0	9,375	89,839	21,066	0	0	0	120,280
STATE TOLL CREDITS	395,516	0	0	0	0	0	0	0	0	0	0	0	395,516
LOCAL CASH	0	0	0	0	0	247,700	0	0	0	156,000	482,378	0	886,078
SCI	150,000	0	0	0	0	0	0	84,265	0	0	0	0	234,265
CDTC UPWP TOTAL PROGRAM	3,228,073	1,413,933	62,786	135,000	100,000	1,438,000	62,500	598,925	189,596	110,000	156,000	543,378	6,561,472

**DRAFT TABLE 1A
FY2022-2023 UPWP**

Explanation of Calculations for PL Match

2,464,932.50	Total Federal CDTC PL amount
<u>150,000.00</u>	Less MPO PL Shared Cost Initiatives (matched by NYSDOT)
2,314,932.50	
121,838.55	Total CDTC PL Match required
395,515.66	State match
183,000.00	
<u>61,000.00</u>	
244,000.00	CDRPC PL Program
182,838.55	Total Federal PL Match required

Explanation of Calculations for FTA Match

479,140.00	Total new Federal FTA funds**
<u>50,000.00</u>	Total Carryover Federal FTA funds
529,140.00	
29,946.25	Match required for new FTA (X033)
<u>3,125.00</u>	Match required for old FTA (X032)
33,071.25	Total match required for both FTA
89,838.75	State match for new FTA
<u>9,375.00</u>	State match required for carryover FTA
99,213.75	

In-Kind Contributions Match for FTA & PL Match by Task

3,000.00	Environmental Justice & Title VI
5,000.00	CDTC/CDRPC Technical Assistance
3,625.00	Regional Operations/Congestion Management
5,000.00	Regional Signal Timing Program
2,000.00	Complete Streets
2,000.00	Freight Planning
1,000.00	Health Impact Assessments
2,500.00	Safety Education/ Encouragement Program
2,000.00	ADA Planning
5,000.00	Active Transportation Planning
3,625.00	TIP Advisory
65,000.00	CDTA Staff - MPO Activities
5,000.00	Linkage - Castleton Complete Streets & Connections Plan
15,000.00	Linkage - Central Avenue West Corridor Study
20,000.00	Linkage - Curry Road & Guilderland Avenue Multi-Modal Study
6,250.00	Linkage - East & North Greenbush Route 4 Corridor Study
<u>10,000.00</u>	Linkage - Sand Creek Road Complete Street Feasibility Study
156,000.00	

TABLE 2
DRAFT 2023-2024 UPWP
Non-Federal Activities Used By CDTC In-Kind Match
Task and Auditable Budgets

	FTA 2022-23	FTA 2023-24		GRAND
	SEC 5303	SEC 5303		TOTALS
44.21.00. PROGRAM SUPPORT & ADMINISTRATION				
1.51 Committee Activities	0	0		0
1.61 CDTC Operations & Management	0	0		0
1.65 UPWP Development	0	0		0
1.66 Environmental Justice and Title VI	0	0		0
1.68 NYS MPO Administration*	0	0		0
1.69 NYSMPO/AMPO/TRB	0	0		0
1.70 Public Participation	0	0		0
44.22.00 GENERAL DEVELOPMENT & COMPREHENSIVE PLANNING				
2.25 Transportation Data Collection	0	0		0
2.28 Census and Capital Region Indicators	0	0		0
2.29 GIS	0	0		0
2.30 Pavement Condition Inventory Support	0	0		0
2.30 Pavement Condition Inventory Albany County	0	0		0
44.23.01 LONG-RANGE TRANSP. PLANNING (LRTP) - System Level				
3.11 STEP Model Development	0	0		0
3.21 Climate Change Initiative	0	0		0
3.31 Infrastructure Planning	0	0		0
3.35 Town of Hoosick Asset Management Plan				
3.41 New Visions/MTP Refinement	0	0		0
3.51 Performance-Based Planning	0	0		0
44.23.02 LONG-RANGE TRANSP. PLANNING (LRTP) - Project Level				
3.22 Regional Operations/Congestion Management	0	0		0
3.32 Regional Signal Timing Program	0	0		0
44.24.00 SHORT-RANGE TRANSPORTATION PLANNING (SRTP)				
4.17 Complete Streets	0	0		0
4.21 Freight Planning	0	0		0
4.35 Health Impact Assessments	0	0		0
4.60 Safety Education/ Encouragement Program	0	0		0
4.64 ADA Planning	0	0		0
4.67 Active Transportation Planning	0	0		0
4.70 Clean Communities	0	0		0
44.25.00 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)				
5.01 TIP	0	0		0
5.21 Air Quality Conformity				
5.51 Travel Demand Modeling Services	3,125	29,946		33,071
5.61 TIP Project Development Support	0	0		0
44.26.00 PLANNING EMPHASIS AREAS (PEAs)				
6.12 Human Services Agency Transportation	0	0		0
6.13 Transit Planning	0	0		0
6.14 Regional TDM Effort	0	0		0
6.16 Safety Planning	0	0		0
6.17 Security Planning	0	0		0
44.27.00 OTHER ACTIVITIES				
7.10 Town of Colonie GEIS Support	0	0		0
7.11 Town of Malta GEIS Support	0	0		0
7.20 Shared Transit Service Planning and Analytics Initiative	0	0		0
7.21 All Access Complete Streets Feasibility Study	0	0		0
7.22 Broadway Flood Resilient Multi-Modal Corridor Study	0	0		0
7.23 Castleton Complete Streets & Connections Plan	0	0	0	0
7.24 Central Avenue West Corridor Study	0	0	0	0
7.25 Curry Road & Guilderland Avenue Multi-Modal Study	0	0	0	0
7.26 Milton Town Center Plan Update	0	0	0	0
7.70 East & North Greenbush Route 4 Corridor Study	0	0		0
7.86 Town of Brunswick Hoosick Road Corridor Study	0	0		0
7.87 Sand Creek Road Complete Street Feasibility Study	0	0		0
7.88 City of Sch'dy Albany & Crane Streets Linkage Study	0	0		0
TOTAL EFFORT	3,125	29,946		33,071

TABLE 4
DRAFT 2023-2024 UPWP
CDRPC
Task and Auditable Budgets

	FTA			GRAND TOTALS
	2023-24 PL	SEC 5307 GRANT	FAA	
44.21.00 PROGRAM SUPPORT & ADMINISTRATION				
1.51 Committee Activities	0	0	0	0
1.61 CDTC Operations and Management	0	0	0	0
1.65 UPWP Development	0	0	0	0
1.66 Environmental Justice and Title VI	0	0	0	0
1.68 NYSAMPO Administration*	0	0	0	0
1.69 NYSAMPO / AMPO / TRB	0	0	0	0
1.70 Public Participation	26,000	0	0	26,000
1.73 CDTC/CDRPC Technical Assistance	54,000	0	0	54,000
44.22.00 GENERAL DEVELOPMENT & COMPREHENSIVE PLANNING				
2.25 Transportation Data Collection	0	0	0	0
2.28 Census and Capital Region Indicators	67,000	0	0	67,000
2.29 GIS	40,000	0	0	40,000
2.30.1 Pavement Condition Inventory Albany County	0	0	0	0
2.30.3 Pavement Condition Inventory City of Schenectady	0	0	0	0
44.23.01 LONG-RANGE TRANSP. PLANNING (LRTP) - System Level				
3.11 STEP Model Development	0	0	0	0
3.21 Climate Change Initiative	0	0	0	0
3.31 Infrastructure Planning	0	0	0	0
3.35 Town of Hoosick Asset Management Plan	0	0	0	0
3.41 New Visions/MTP Refinement	26,000	0	0	26,000
3.51 Performance-Based Planning	0	0	0	0
44.23.02 LONG-RANGE TRANSP. PLANNING (LRTP) - Project Level				
3.22 Regional Operations/Congestion Management	0	0	0	0
3.32 Regional Signal Timing Program	0	0	0	0
44.24.00 SHORT-RANGE TRANSPORTATION PLANNING (SRTP)				
4.17 Complete Streets	18,000	0	0	18,000
4.21 Freight Planning	0	0	0	0
4.35 Health Impact Assessments	13,000	0	0	13,000
4.60 Capital CoExist	0	0	0	0
4.64 ADA Planning	0	0	0	0
4.67 Active Transportation Planning	0	0	0	0
4.70 Clean Communities	0	0	0	0
44.25.00 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)				
5.01 TIP	0	0	0	0
5.21 Air Quality Conformity	0	0	0	0
5.51 Travel Demand Modeling Services	0	0	0	0
5.61 TIP Project Development Support	0	0	0	0
44.26.00 PLANNING EMPHASIS AREAS (PEAs)				
6.12 Human Services Agency Transportation	0	0	0	0
6.13 Transit Planning	0	0	0	0
6.14 Regional TDM Effort	0	0	0	0
6.16.1 Safety Planning	0	0	0	0
6.16.2 Security Planning	0	0	0	0
44.27.00 OTHER ACTIVITIES				
7.10.1 Town of Colonie GEIS Support	0	0	0	0
7.10.2 Town of Malta GEIS Support	0	0	0	0
7.20 Shared Transit Service Planning and Analytics Initiative	0	0	0	0
7.21 All Access Complete Streets Feasibility Study	0	0	0	0
7.22 Broadway Flood Resilient Multi-Modal Corridor Study	0	0	0	0
7.23 Castleton Complete Streets & Connections Plan	0	0	0	0
7.24 Central Avenue West Corridor Study	0	0	0	0
7.25 Curry Road & Guilderland Avenue Multi-Modal Study	0	0	0	0
7.26 Milton Town Center Plan Update	0	0	0	0
7.70 East & North Greenbush Route 4 Corridor Study	0	0	0	0
7.80 City of Troy Federal Street Corridor Study	0	0	0	0
7.85 City of Rensselaer Waterfront Connectivity Study	0	0	0	0
7.86 Town of Brunswick Hoosick Road Corridor Study	0	0	0	0
7.87 Sand Creek Road Complete Street Feasibility Study	0	0	0	0
7.88 City of Sch'dy Albany & Crane Streets Linkage Study	0	0	0	0
TOTAL EFFORT	244,000	0	0	244,000
FEDERAL	183,000	0	0	183,000
CDRPC MATCH	61,000	0	0	61,000

Appendix B
Public Comments and CDTC Responses

CDTC's Public Comment Period began on February 2, 2023 and ended March 1, 2023

1) John Smith – Submitted via Survey on 2/8/23

Comment: As with most surveys, reaching a broad cross section of the population and then classifying the results accordingly would be helpful. If the survey respondents are concentrated amongst a certain type of respondent, I'm sure the results will be skewed.

Response: CDTC agrees that accurately and fully reflecting the opinions of the Capital Region requires a more rigorous approach. That level of effort is only possible during the development of the regional transportation plan which guides the development of the UPWP rather than the UPWP itself. The initial survey received 53 responses, which is why a second survey was conducted to see if the public agreed or disagreed with what we heard in the initial survey. CDTC is exploring more, and varied, ways of soliciting feedback from as wide a cross-section of the Capital Region as possible.

2) Anonymous from zip code 12020 – Submitted via Survey on 2/8/23

Comment: I feel maintaining existing infrastructure and increasing efficiency of traffic flows should be [a] higher [priority].

Response: CDTC agrees that maintaining existing infrastructure and improving operations is vitally important. CDTC will be addressing improving operations through the update of its Congestion Management Process and its Regional Signal Retiming project in the 2023-2024 UPWP. CDTC also has supported NYSDOT and federal policies that prioritize maintenance of the existing transportation infrastructure over expansion. While CDTC's regional transportation plan places a high priority on maintaining existing infrastructure, it also recognizes as regional policy that a balanced approach to transportation system investments is needed to provide a range of mobility options.

3) David VanLoven – Submitted via Survey on 2/9/23

Comment: The Plan looks good to the Town of Bethlehem. We are particularly pleased to see that section 6.16 includes technical support for our Town's efforts to lower residential speed limits to 25mph in a manner that actually results in slower speeds and safer, more complete streets.

Response: CDTC is pleased to be partnering with the Town of Bethlehem to assist with navigating New York State regulations to achieve a safer transportation system within Bethlehem and beyond.

4) Anonymous from zip code 12866 – Submitted via Survey on 2/10/23

Comment: I'd love to see more ambitious vision for the Capital Region. The plan talks about a 60-40 split between maintenance and development growth, but reads a lot more like 90-10. I see the NY-5 corridor is being developed, and would love to see how people are thinking about longer-term connections between downtowns of Albany/Schenectady/Troy/Saratoga. Many folks I know would use the heck out of an express bus that runs this loop.

Response: CDTC's regional transportation plan, which guides the development of the UPWP, balances maintaining the existing transportation system with providing mobility options in areas experiencing growth from development. CDTA will be embarking on a study of its transit services beginning in 2023 and will be exploring services options in areas of the region not traditionally served by fixed route transit as well as an expansion of its BusPlus bus rapid transit system.

5) Naqiy McMullen – Submitted via Survey on 2/24/23

Comment: Please dedicate more planning activities to improving pedestrian safety and achieving Vision Zero in the Capital Region.

Response: CDTC agrees that improving pedestrian safety and Vision Zero campaigns and policies are top priorities. With the recently awarded Safe Streets and Roads for All grant, CDTC will be working with municipalities throughout the Capital Region to address this regional safety priority. CDTC is eager to continue and expand its safety planning work with its state and municipal partners.

6) Ed Brennan – Submitted via Survey on 2/27/23

Comment: It is the first time I reviewed one of these documents and I was very impressed by the scope of work CDTC is engaged in. I was pleased with projects selected for UPWP funding. I am hoping the Safe Streets and Roads for all funding will translate into our municipalities developing Vision Zero policies and Action Plans to improve safety and mobility for all transportation system users, especially vulnerable road users.

Response: CDTC supports the goals of developing Vision Zero policies and plans and will be leveraging the grant funding from the Safe Streets and Roads for All grant to assist municipalities throughout the region to plan for and potentially adopt Vision Zero policies.

7) Anonymous from zip code 12303 – Submitted via Survey on 2/27/23

Comment: Moving freight more efficiently needs to be [a] higher [priority]. It's a lifeline for small/local businesses.

Response: The work of CDTC’s Freight Advisory Committee, numerous freight planning studies, and commitment to Complete Streets – which includes consideration and accommodation for freight – demonstrates CDTC’s prioritization of freight movement in balance with other demands in the transportation system. CDTC will be completing a regional Truck Parking Study in 2023 and will be working with New York State on an update of the State Freight Plan.

8) Ed Brennan – Paraphrased from conversation at Open House on 3/1/23

Comment: Supports assisting communities to lower the speed limit under the new 25 mph legislation, implementing Vision Zero policies, and supports a Safe Systems approach to achieving these goals.

Response: CDTC will be working with the Town of Bethlehem to provide technical support in navigating the new 25 mph regulatory framework. The outcome of that process is intended to be available for use by other municipalities in the region. Similarly, the Safe Streets and Roads for All grant will establish a process and model for municipalities in the region interested in establishing Vision Zero policies and plans.

9) Kate Kruk – Paraphrased from conversation at Open House on 3/1/23

Comment: Eager to support the expansion of electric vehicle infrastructure in the Capital Region, including public and private charging stations and fleet technology. Wants to see more coordinated planning to address operational challenges, share best practices, and leverage more funding.

Response: CDTC and Capital District Clean Communities will be actively engaged on these issues in the 2023-2024 UPWP, working with municipalities, private enterprise, and state and federal government partners to provide technical assistance, educational resources, and a forum to coordinate on the expansion of alternative fuel vehicle infrastructure in the region.

