

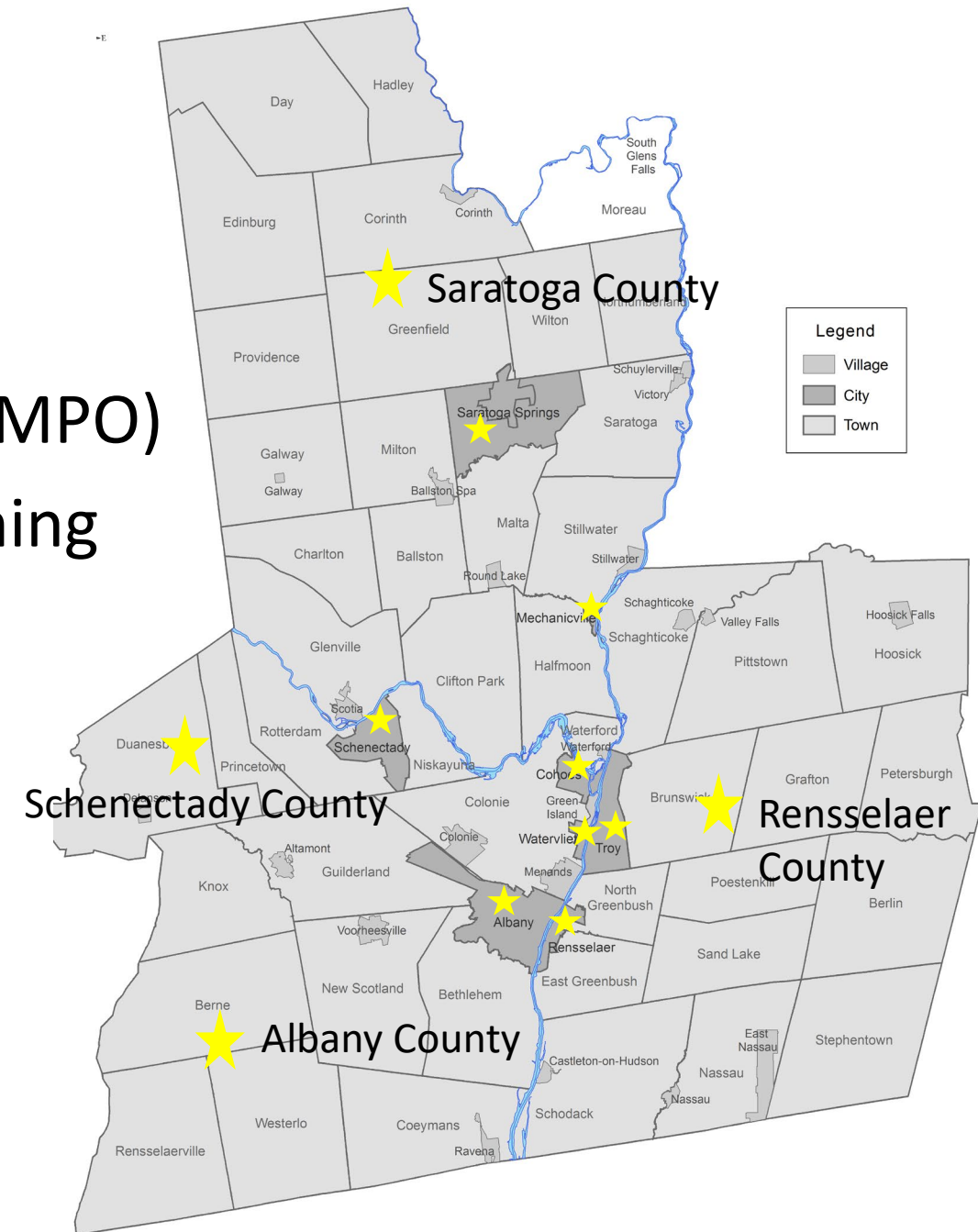


Next Generation Transportation Planning Resources

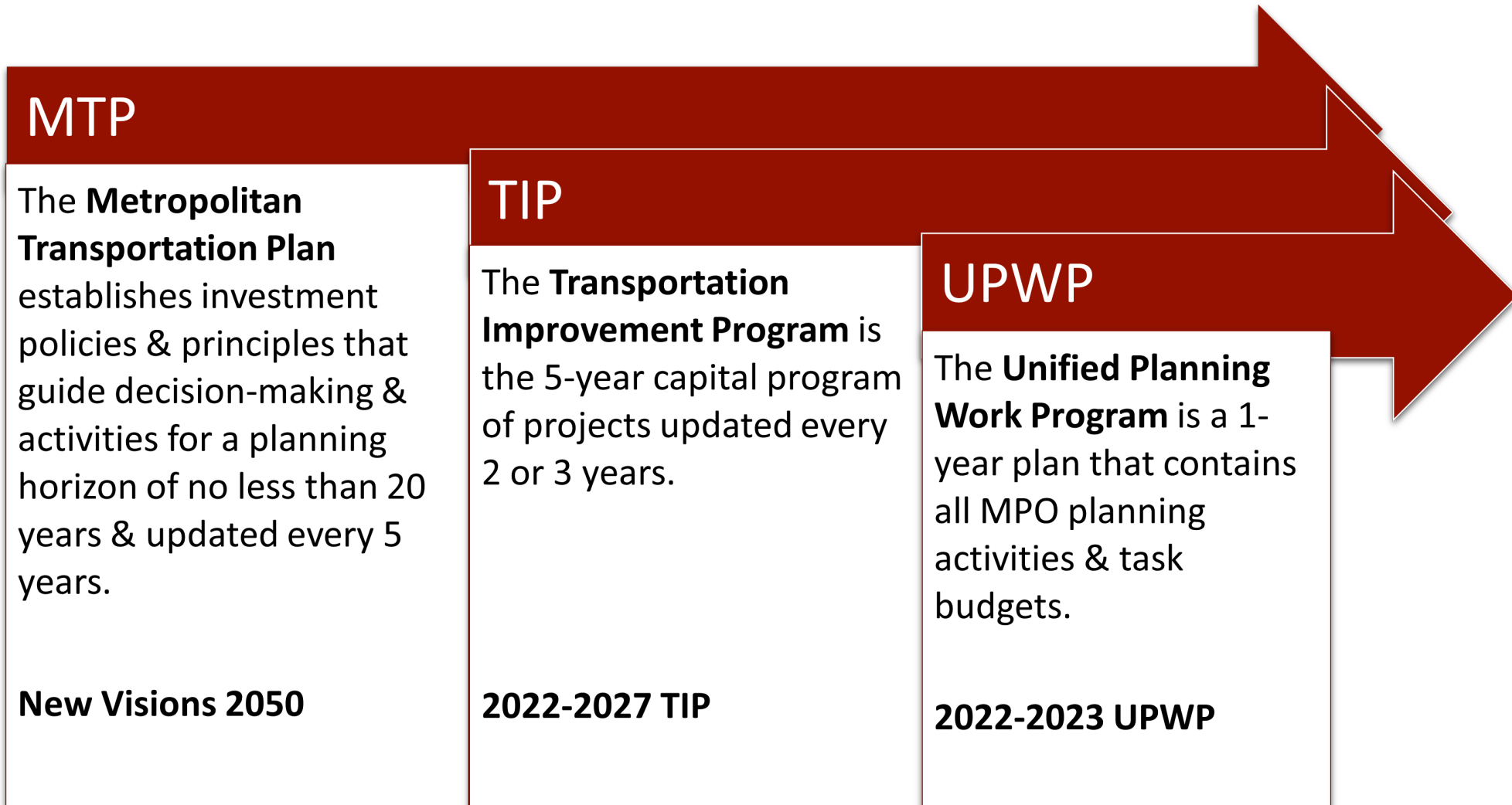
October 28, 2022

Capital District Transportation Committee

- Metropolitan Planning Organization (MPO)
- Transportation policy-making & planning
- Allocate federal transportation funds
- Members include:



Key CDTC Functions

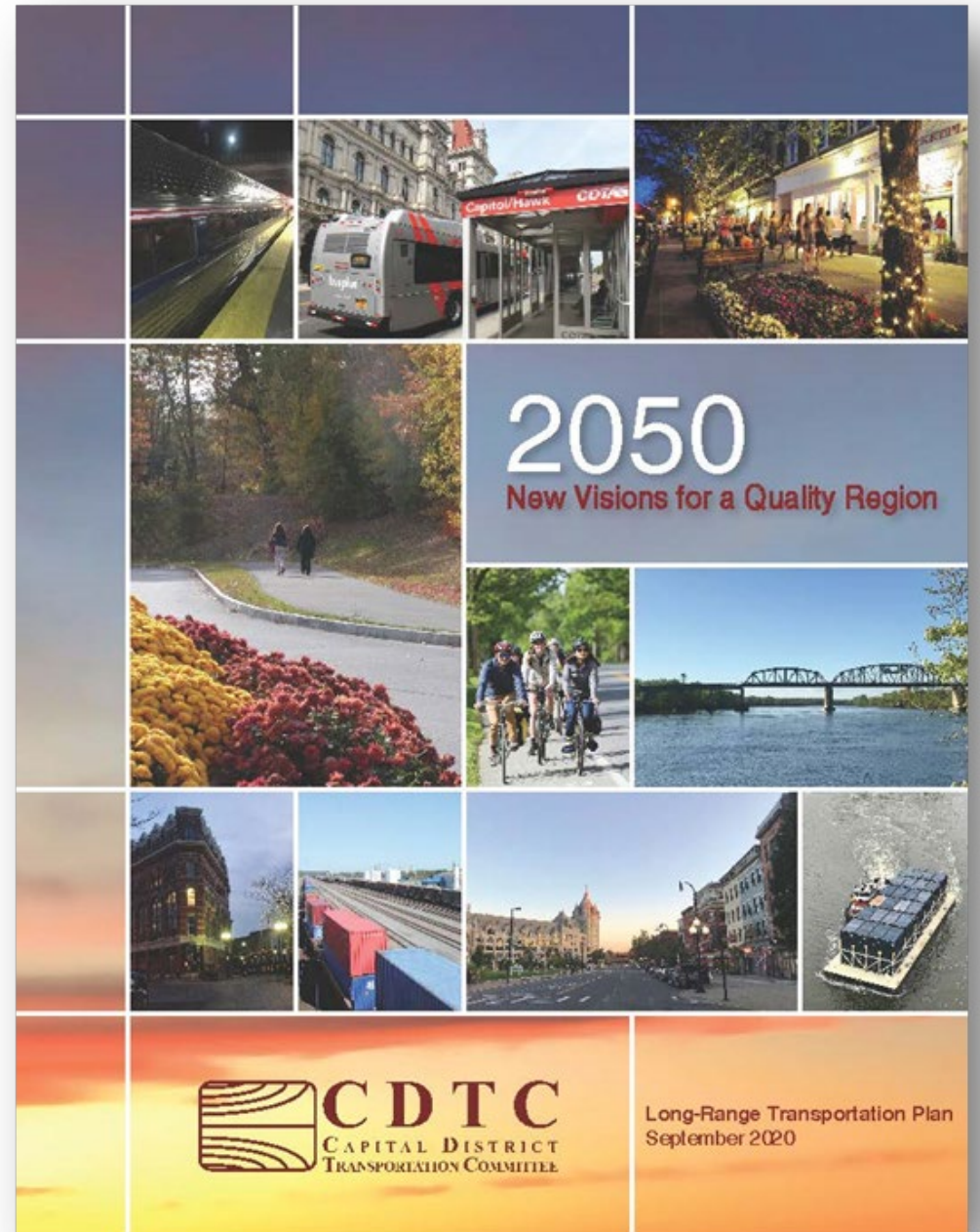


Transportation Affects Everyone



New Visions 2050

- 15 Planning and Investment Principles
- Directly relate to capital & planning project evaluation criteria
- Influence the staff work plan
- Drive how federal funds are spent
- Update to begin in 2023!





2022-2027 TRANSPORTATION IMPROVEMENT PROGRAM



Prepared by:
**Capital District
Transportation
Committee**
September 2022

11/1/2022

TIP

- 5-year capital plan for federal transportation funding
- ~\$75 million per year
- Projects reflect New Visions
- Must contribute to achieving federal and regional performance targets
- Bipartisan Infrastructure Law Programs


Bipartisan Infrastructure Law

- Asset condition
- Safety – vulnerable users
- Accessibility (ADA)
- GHG emissions reduction
- Resiliency against a changing climate - protect vulnerable infrastructure
- Invest in electric vehicle infrastructure, renewable energy, and broadband deployment
- Reconnect communities/Equity



Formula and Competitive Funding Programs

- 11 formula and 10+ competitive programs
- Increase to Bridge and National Highway System Funding Programs
- Estimated Formula Apportionments to New York (\$ in billions):



Program	BIL	FAST Act	Change	Percent
Highway/Bridge ⁽¹⁾	\$13.463	\$8.857	\$4.606	52.0%*
Transit	\$10.706	\$7.923	\$2.783	35.1%
Total	\$24.169	\$16.780	\$7.389	44.0%

⁽¹⁾ Includes \$1.9 billion in supplemental bridge formula funding

Formula Funding Program Estimates

Federal Fiscal Year	National Highway Performance Program (NHPP)	Surface Transportation Program (STP)	Highway Safety Improvement Program (HSIP)	Railway-Highway Crossings (Section 130)	Congestion Mitigation and Air Quality Improvement Program (CMAQ)	Metropolitan Planning	National Highway Freight Program (NHFP)	Formula Carbon Reduction Program	Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) Program	Subtotal Core Formula Apportionments	Supplemental Extraordinary Bridge Formula Program	Total All Formula Funds
FAST Act												
2016-2020	4,660,524,643	2,345,612,619	475,137,751	35,742,535	946,707,606	129,221,070	265,034,485	\$0	\$0	\$8,857,980,709	\$0	\$8,857,980,709
BIL												
2022	\$1,142,038,436	\$555,586,266	\$122,777,289	\$6,718,958	\$199,604,894	\$32,944,536	\$58,212,853	\$49,539,775	\$56,330,274	\$2,223,753,281	\$378,275,117	\$2,602,028,398
2023	\$1,164,879,205	\$566,697,991	\$125,370,024	\$6,718,958	\$203,596,992	\$33,603,427	\$59,377,110	\$50,530,571	\$57,456,880	\$2,268,231,158	\$378,275,117	\$2,646,506,275
2024	\$1,188,176,789	\$578,031,951	\$128,014,615	\$6,718,958	\$207,668,932	\$34,275,495	\$60,564,653	\$51,541,182	\$58,606,017	\$2,313,598,592	\$378,275,117	\$2,691,873,709
2025	\$1,211,940,325	\$589,592,590	\$130,712,097	\$6,718,958	\$211,822,310	\$34,961,005	\$61,775,946	\$52,572,006	\$59,778,138	\$2,359,873,375	\$378,275,117	\$2,738,148,492
2026	\$1,236,179,129	\$601,384,441	\$133,463,529	\$6,718,958	\$216,058,756	\$35,660,225	\$63,011,464	\$53,623,446	\$60,973,700	\$2,407,073,648	\$378,275,117	\$2,785,348,765
Total	\$5,943,213,884	\$2,891,293,239	\$640,337,554	\$33,594,790	\$1,038,751,884	\$171,444,688	\$302,942,026	\$257,806,980	\$293,145,009	\$11,572,530,054	\$1,891,375,585	\$13,463,905,639
Change	\$1,282,689,241	\$545,680,620	\$165,199,803	(\$2,147,745)	\$92,044,278	\$42,223,618	\$37,907,541	\$257,806,980	\$293,145,009	\$2,714,549,345	\$1,891,375,585	\$4,605,924,930
Percent Change	27.5%	23.3%	34.8%	-6.0%	9.7%	32.7%	14.3%	--	--	30.6%	--	52.0%

Draft - For Discussion Purposes Only



Department of Transportation

NYSDOT TIP/STIP Guidance

- Identifies NYS funding priorities
- \$4.6 billion increase in formula funds to NYS
- **\$4.2 billion** to be used to reconnect communities:
 - Buffalo - Restoring the Humboldt Parkway
 - Syracuse - Constructing the Community Grid
 - Rochester - Raising the Inner Loop freeway
 - New York City - Covering portions of the Cross Bronx Expressway

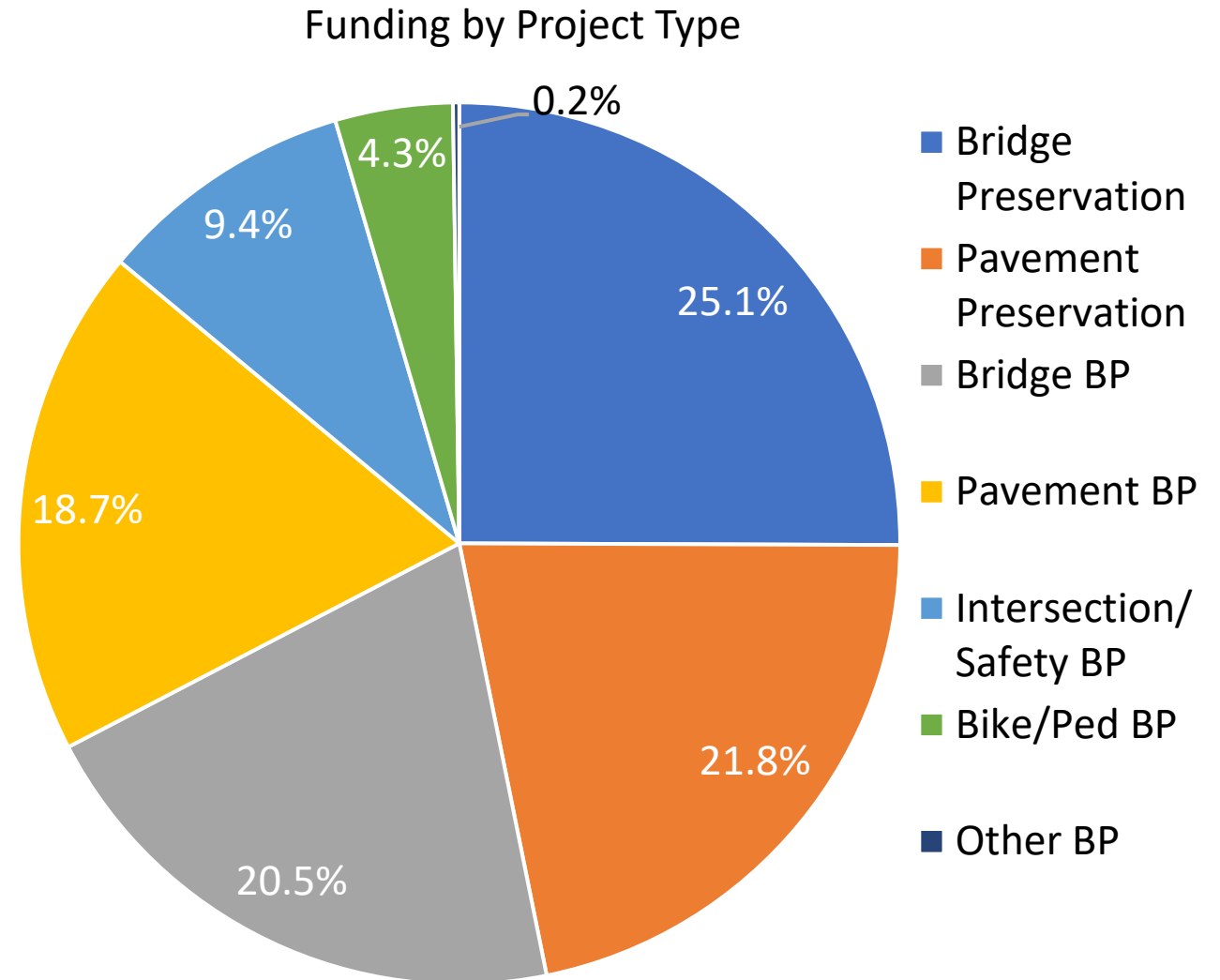
2022-2027 TIP Federal Funds (\$M – Matched)

	Year 1	Year 2	Year 3	Year 4	Year 5	
Element	FFY23	FFY24	FFY25	FFY26	FFY27	Total
CDTC Target	90.293	75.586	75.586	75.586	75.586	392.636
Existing TIP Projects	48.397	37.998	0.000	0.000	0.000	86.395
CDTA BRT Set-Aside	2.750	3.750	3.750	3.750	3.750	17.750
NYSDOT Multi-Site Projects and Programs	16.425	18.222	28.443	26.679	6.738	96.507
CDTC Project Development Set-Aside	0.135	0.135	0.135	0.135	0.135	0.675
Site Specific Projects	22.721	15.616	43.393	45.157	65.098	191.309

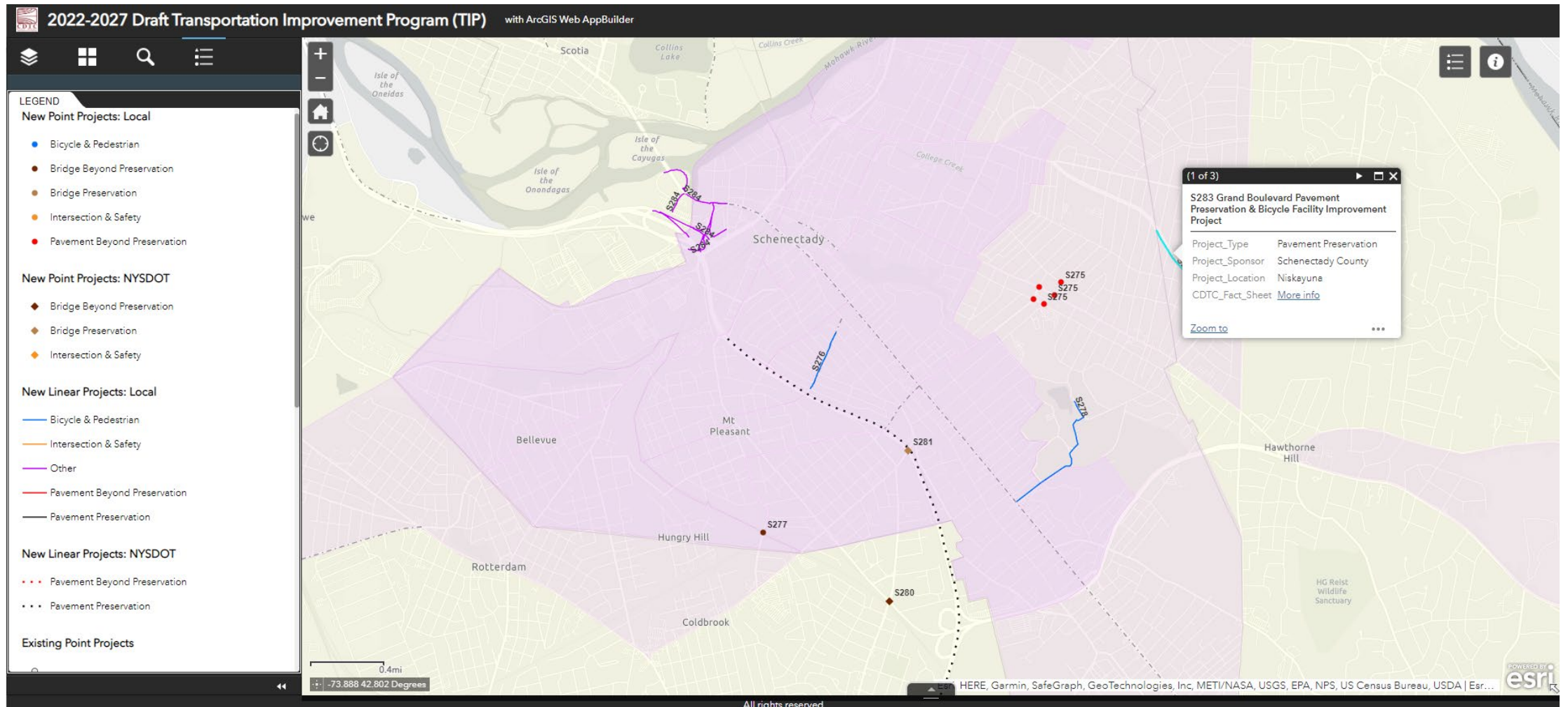
Note: The Federal Fiscal Year (FFY) begins on October 1 and ends September 30. The FFY is designated by the calendar year in which it ends (i.e. FFY23 begins October 1, 2022 and ends September 30, 2023).

New Site-Specific Projects

- 47 new projects in 2022-2027 TIP
- Approximately \$191 M
- 17 different local project sponsors



TIP Project Map



BIL Formula Program Highlights

- **Bridge Program - NEW**
 - Bridge/culvert repair, rehabilitation and replacement program
 - Bridge NY (coming soon!)



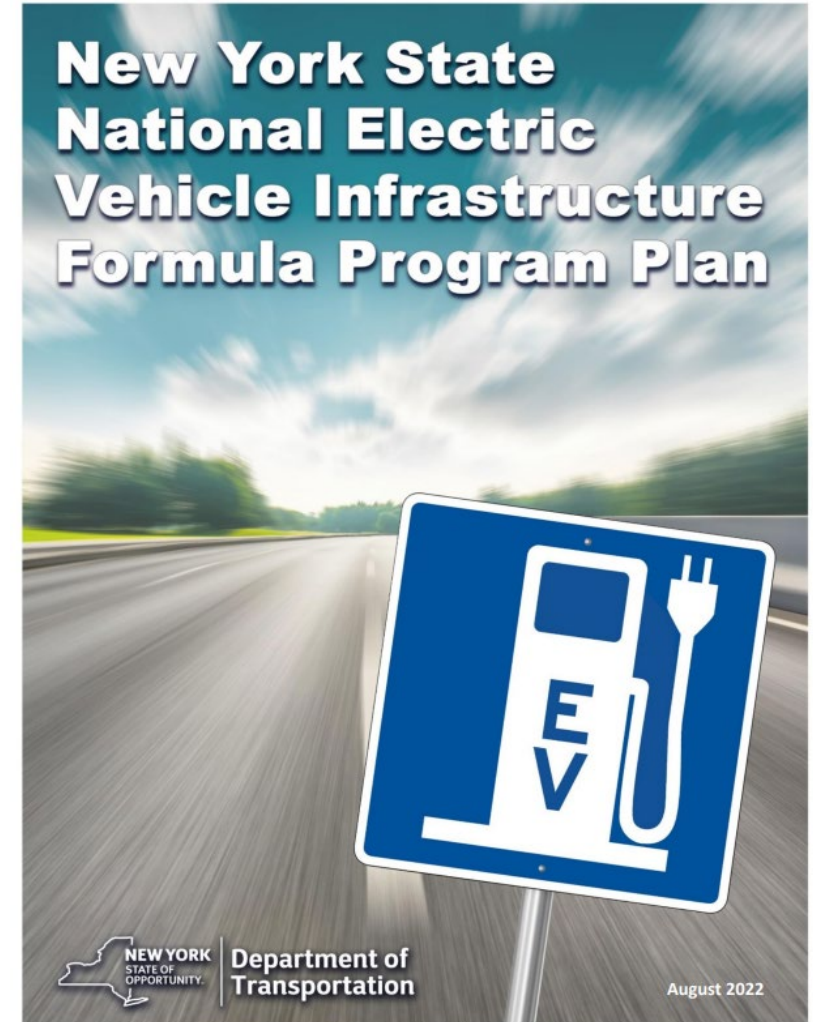
BIL Formula Program Highlights

- **Carbon Reduction Program (CRP) - NEW**
 - Reduce GHG & transportation-related emissions
 - Eligible activities:
 - Traffic Monitoring/congestion management
 - Public Transportation projects
 - Bicycle/pedestrian facilities/active transportation
 - Reduce impacts of freight movement
 - Congestion pricing, mode shift and transportation demand management
 - Diesel retrofits and truck stop electrification



BIL Formula Program Highlights

- **National Electric Vehicle Infrastructure Program**
 - NEVI Plan
 - Strategically deploy electric vehicle charging infrastructure
 - Supports electric, hydrogen, propane and natural gas
 - Contract with private entities for the acquisition/installation of publicly accessible infrastructure
 - Prioritizes deployment in low-and moderate-income areas



BIL Formula Program Highlights

- **Promoting Resilient Opportunities for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) - NEW**
 - Projects that enhance resilience
 - Strengthen, harden, elevate, relocate highways and non-rail infrastructure
 - Mitigate storm surge
 - Enhance flood protection
 - Facilitate aquatic ecosystem restoration related to transportation facilities



BIL Competitive Program Highlights

- Reconnecting Communities
- Nationally Significant Freight and Highway Projects (INFRA Grants)
- Rebuilding American Infrastructure with Sustainability and Equity (RAISE)
- Safe Streets for All
- Strengthening Mobility and Revolutionizing Transportation (SMART)
- Healthy Streets (not yet funded but authorized)
- So much more...

Federal Transportation Grant Funding Available!

The Infrastructure Investment and Jobs Act (IIJA), known as the Bipartisan Infrastructure Law, was enacted on November 15, 2021, creating numerous discretionary grant opportunities for local, regional and state governmental entities. [Learn More](#)

BIPARTISAN INFRASTRUCTURE LAW



The Federal Infrastructure Investment and Jobs Act (IIJA), also known as the [Bipartisan Infrastructure Law](#) (BIL), was enacted on November 15, 2021 providing \$350 billion for Federal highway programs over a five-year period (fiscal years 2022 through 2026), new formula programs (Bridge Investment Program, National EV Charging Program (NEVI), Carbon Reduction Program, PROTECT program (resiliency)) and 40+ discretionary funding programs. This page provides up to date information on current grant opportunities, resources and other information related to the implementation of the Bipartisan Infrastructure Law.

[The Bipartisan Infrastructure Law Will Deliver for New York | US Department of Transportation](#)

For more information or questions, [contact CDT C](#).

Guidance and Support

The [Thriving Communities Initiative](#) provides technical assistance and capacity building resources. A new online portal, the [DOT Navigator](#), helps communities understand the best ways to apply for grants, and to plan for and deliver transformative infrastructure projects and services. One of the key features is a [mapping tool](#) for identifying transportation disadvantaged census tracts. In addition, the USDOT is partnering with the Department of Housing and Urban Development to improve the coordination of housing and transportation planning to advance residents' access to opportunity and increase housing supply.

Resources

[White House Website](#)

[Bipartisan Infrastructure Law Guidebook and Policy Memo](#)

[Bipartisan Infrastructure Law Technical Assistance Guide](#)

[FHWA/FTA Planning Emphasis Areas](#)

[FY 2022 apportionments under the Bipartisan Infrastructure Law](#)

[FTA Funding Programs](#)

Open Grant Opportunities

[Competitive Grant Programs Matrix](#)

[Upcoming Notice of Funding Opportunity \(NOFO\) Announcements](#)

• Advanced Transportation Technologies and Innovation (ATTAIN) Program

This program promotes advanced technologies to improve safety and reduce travel times for drivers and transit riders and that can serve as national examples.

[Program Webpage](#)

[Notice of Funding Opportunity](#), applications due on November 18, 2022

Upcoming NYS Formula Programs

National Electric Vehicle Infrastructure (NEVI) Formula Program

New York State is required to submit an **EV Infrastructure Deployment Plan** describing how the State intends to use its NEVI Formula Program funds to the Joint U.S. Office of Energy and Transportation not later than August 1, 2022. The Federal

www.cdtcmpo.org

Unified Planning Work Program (UPWP)

- Planning project descriptions
 - Consultant or StaffStaff
- Schedules
- Costs & fund sources
- Built through
 - Bipartisan Infrastructure Law
 - member agency requests
 - staff suggestions
 - community solicitation

CAPITAL DISTRICT TRANSPORTATION COMMITTEE UNIFIED PLANNING WORK PROGRAM

State Fiscal Year 2022-2023
(April 1, 2022 – March 31, 2023)



BIL Metropolitan Planning Highlights

- **Housing**

- Encourage transportation planning and housing coordination
 - Integrate housing, transportation, and economic development strategies
 - Encouraged development of a housing coordination plan

- **Complete Streets**

- 2.5% of planning funds required for planning
 - May include adoption of Complete Street Standards or policies
 - Development of a Complete Streets prioritization plan



Capital District Complete Streets Design Guide



Call for Local & Regional Transportation Planning Projects

CDTC is calling for local and regional transportation planning initiatives for inclusion in CDTC's 2023-2024 Unified Planning Work Program (UPWP). \$1 Million in funding is available to cities, towns, villages, counties, and member organizations in CDTC's metropolitan planning area. Applications from not-for-profits, neighborhood groups, and other organizations will be considered if the application is sponsored and submitted by at least one local government in the study area and involves the participation of others, if applicable.

Pre-Application

A virtual UPWP workshop is scheduled for Thursday, October 20th at 1 p.m. via Zoom. Sponsor attendance is highly encouraged. Register via the link to the right. CDTC staff is available to discuss planning project concepts with sponsors prior to submitting a proposal. Contact CDTC if you would like to set up a pre-application meeting or have application questions at (518)458-2161 or at cdtc@cdtcmpo.org.

Application Process

All proposals must be received by Wednesday, November 30, 2022 at 5:00 p.m. Project sponsors must complete an application form, available via the link to the right, for each proposed project. Briefly, the process is as follows:

- A brief cover letter that includes a commitment to the local match requirement signed by the lead elected official or chief executive.
- A project location map, if applicable.
- Letters indicating commitment of transportation facility owners, if the facility is not owned by the project sponsor, to the project.
- Letters from project partners proposing in-kind services or the provision of matching funds.

For more detailed application information, program guidance, evaluation criteria, and a detailed timeline, click the "Program Guidance" link at right.

Resources

[Virtual Workshop Registration](#)

[UPWP Program Guidance](#)

[UPWP Application Form](#)

[Environmental Justice Map](#)

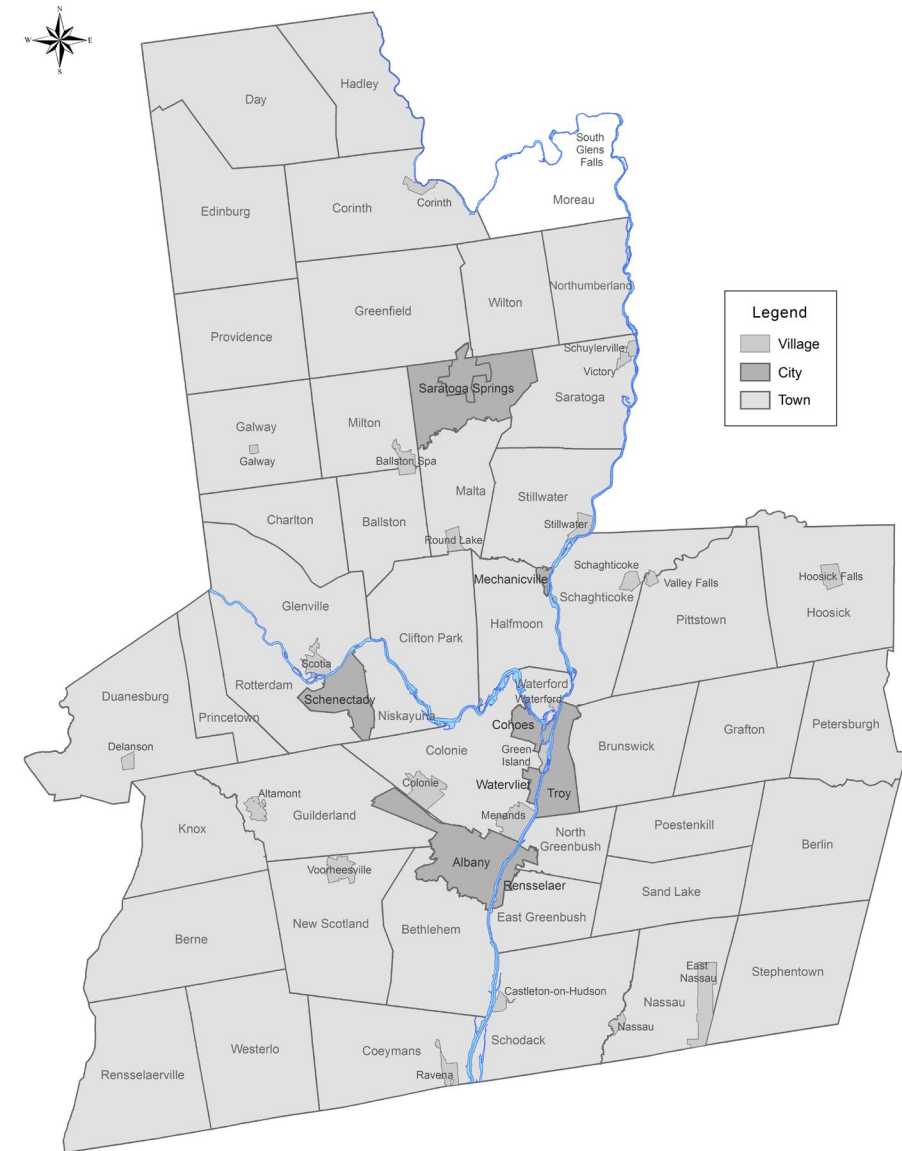
Eligible Sponsors

Lead applicants:

- Cities, towns, villages & counties
- CDTC member organizations

Co-applicants:

- Not-for-profits, neighborhood groups, & other organizations
- Other cities, towns, villages, counties, or CDTC member organizations
 - *intermunicipal cooperation is encouraged!*



Eligible Planning Activities

Small Scale: Technical Assistance Program	Up to \$25,000
<ul style="list-style-type: none">• Small-scale community planning initiatives• Staff led• Short duration• Limited public outreach <p>Examples:</p> <ul style="list-style-type: none">• Data collection and analysis• Public input and community visioning• GIS mapping and analysis• Road safety assessments	<p>Match requirement:</p> <p>In-kind match 10% min of project cost</p>

Eligible Planning Activities

Medium Scale: Community Planning/Linkage Program	\$20,000 (minimum - \$150,000 (maximum)
<ul style="list-style-type: none">• Community-based transportation and land use plans• Generally consultant led• Comprehensive scope• Robust public participation <p>Examples:</p> <ul style="list-style-type: none">• Neighborhood or Corridor Studies• Complete Streets Plans• Zoning and Land Use Regulations• Pedestrian and Bicycle Master Plans	<p>Match requirement:</p> <p>Cash match 10% min</p> <p>OR</p> <p>In-kind match 10% min of project cost</p>

Eligible Planning Activities

Large Scale: Regional Planning Program	\$100,000 (minimum) - \$250,000 (maximum)
<ul style="list-style-type: none">• Multi-jurisdiction, regionwide or have regional implications• Consultant led• Comprehensive scope of work• Public Participation Plan required <p>Examples:</p> <ul style="list-style-type: none">• Multi-jurisdiction State or US Route Corridor Studies• Transit Planning Studies• Feasibility Assessments of major infrastructure investments• Freight Planning Studies	<p>Match requirement:</p> <p>Cash match 15% min</p> <p>OR</p> <p>In-kind match 10% min of project cost</p>

Linkage Program Planning Studies

- Integrated land use and transportation plans
- Consistent with New Visions 2050
- Funded 98 studies in partnership with 43 local communities and other entities to date





VILLAGE OF MENANDS: LAND USE REGULATIONS & ZONING UPDATE

INTRODUCTION

The Village of Menands is pleased to a update their land use regulations and z the planning and public engagement p announcements, and public workshop members of the community to particip

ARA



City of Rensselaer

Waterfront Connectivity Study

[Home](#)[About](#)[Get Involved](#)[Documents](#)[Contact](#)[Survey](#)

Welcome!

Welcome to the City of Rensselaer
Waterfront Connectivity Study

Federal Street Corridor Study

City of Troy

[Home](#)[About](#)[Public Workshop](#)[Schedule](#)[Documents](#)[Comments](#)[Links](#)

Home

Online Presentation: “Join at Your Own Pace” Public Workshop

[Click here first](#) to watch the “Join at Your Own Pace” Public Workshop presentation.



Data Collection, Analysis & Sharing

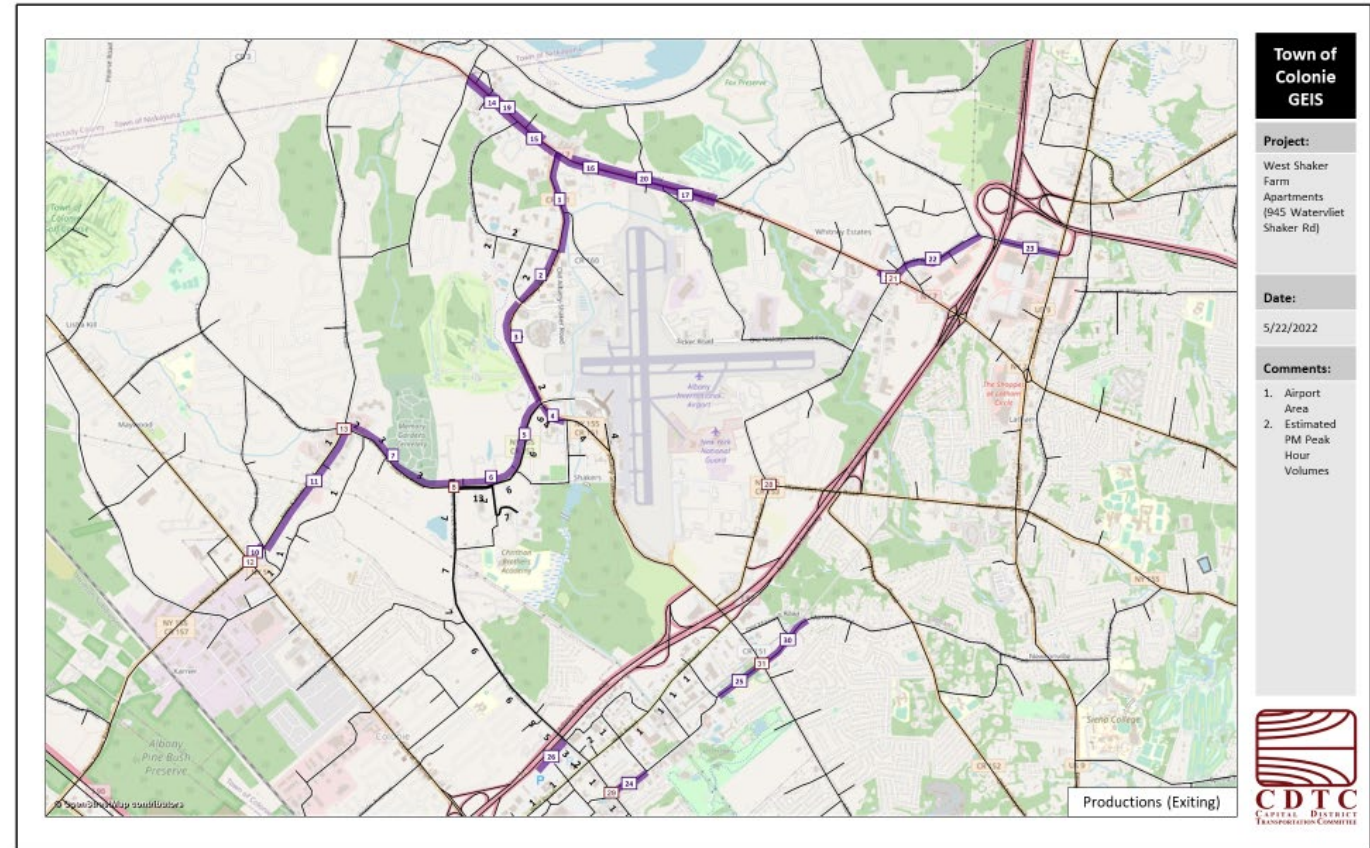
- Traffic Volume/Bicycle/Ped Counts
- Trail Counts (Eco-counters)
- On-Road Bike Routes, Bike Lanes, Sharrows & Cycle Tracks, etc.
- Trails, Sidewalks & Crosswalks
- Crash Data Analysis
- Pavement Condition Data – Local contracts
- Asset Management Planning
- Local Bridge Data Analysis



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Travel Demand Modeling

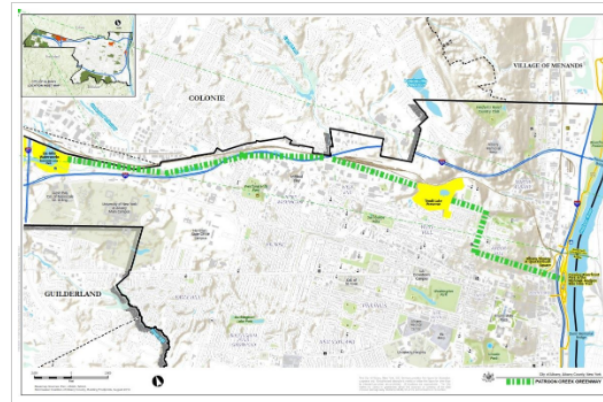
- Forecast future traffic volumes
- Analyze development scenarios
- Prepare traffic growth rates
- Support traffic impact studies
- Analyze project impacts on travel



Trails & Regional Plan Implementation

- Capital Region Trails Plan implementation
 - Patroon Greenway Feasibility Study
 - Albany County Loop
 - Street level connections
- Smart Communities Toolbox
- Local Road Safety Action Plan
- Regional Freight Plan
- ADA Transition Plans

Patroon Greenway Feasibility Study



Project Website Information

<https://www.patroongreenway.com/>

The Patroon Greenway would provide a much needed east-west connection for bicyclists and pedestrians, connecting recent and anticipated projects like the Albany Skyway and Tivoli Lake Preserve with residential development on both sides of the corridor and with major commercial and institutional destinations, like New York State's Harriman Office Campus, the State University of New York (SUNY) at Albany, Albany Nanotech, Corporate Woods Office complex, and more.

This study will identify feasible alignments and sources of funding for the engineering and construction of the trail. It will evaluate and analyze the 2004 Patroon Greenway Project's conceptual alignment, potential easements, and review alternative alignments, including the connection from Tivoli Preserve to the downtown Albany waterfront.

Transit Planning/TDM


- Transit Station/Stop Design
- Mobility Hubs
- Transportation Demand Management
 - Encouragement Programs
 - Bike Skills Training
 - Walk and Roll to School Day
 - Informational Meeting on November 4th!



Training

- *New Visions 2050* virtual training
 - Town Boards
 - City Councils
 - Zoning and/or Planning Boards
 - Learn how local governments can help create the next generation transportation system
- New Visions 2050 Webinar Series
- Complete Streets Training
- Other?


Webinar Archive



Obstacles to Implementing Complete Streets

This webinar, which took place on Tuesday, June 18th, explores the common issues communities are facing implementing Complete Streets in the Capital region? Why are retrofits so difficult? And what are the costs? The consultant team responds to the arguments and excuses commonly used to derail Complete Streets plans and projects. Runtime: 1:12:40


Panelists:
CDTC Staff: Jan Cacone & Carrie Ward
Planning + Places: Jim Levy & Katherine Ember
Sam Schwartz Engineering: Mike Flynn



Complete Streets Demonstration Projects

This webinar, which took place on Tuesday, July 13th, features examples of demonstration and pilot projects from across the region and beyond. These types of projects are a public outreach and engagement strategy that create tangible roadway changes that the public can interact with on a short-term basis. The webinar will help you understand what you can do and how, in terms of implementing a demonstration project in your community? And how effective demonstration and pilot projects are in creating long-term and permanent changes? Runtime: 1:22:59


Panelists:
CDTC Staff: Carrie Ward, & Chris Bauer
Planning + Places: Jim Levy & Katherine Ember
Sam Schwartz Engineering: Mike Flynn & Lian Fahli



Performance Measures: A Regional, State & Federal Approach

What are Performance Measures and what does New Visions 2050 say about them? What is CDTC doing to meet statewide performance measures and goals? How do these relate to the TIP evaluation process? CDTC and Federal Highway Administration staff will provide an overview of performance measures, some background on why they were implemented and their anticipated benefits. Runtime: 1:08:06


Panelists:
Jacob Beeman, CDTC Staff
Gautam Mani, FHWA



Moving Toward Zero: Approaches to Improving Safety

The safety of the region's transportation system is CDTC's top priority in the New Visions 2050 plan. Learn how CDTC, New York State and local governments are developing and implementing safety plans and programs to move the region toward zero deaths. Runtime: 1:18:49

Panelists:
Sandy Milewicz, Principal Transportation Planner, CDTC
Mark Pysekado, Regional Traffic Engineer, NYSDOT Region 1

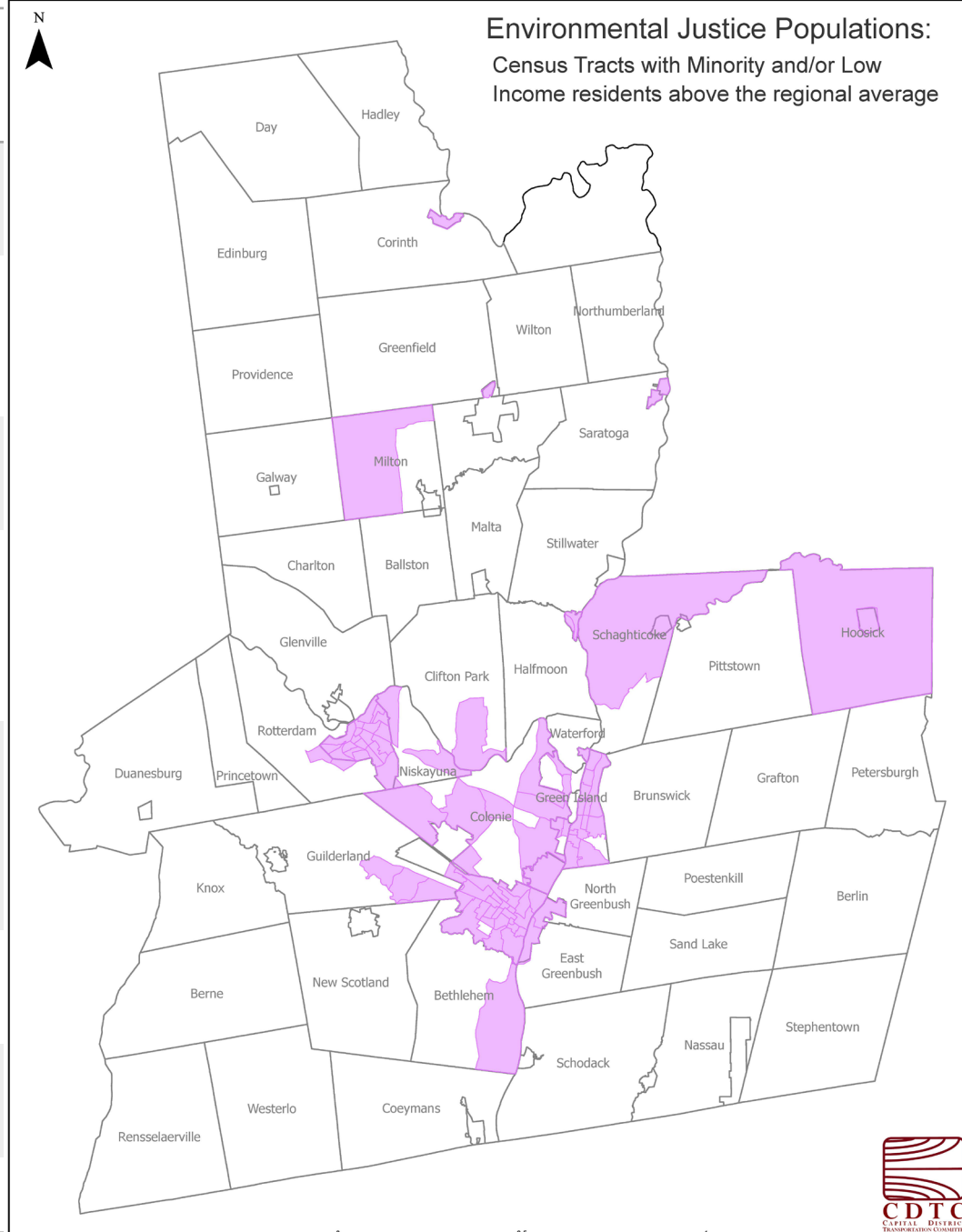


It's Bike Month! A Look at Bike Planning at the State, Regional, & Local Level

Bikes are a viable form of transportation. As interest in bicycling for transportation has grown and new mobility services, like bike share, have expanded access to bicycling, how has the Capital Region kept up with the demand for safe bicycling facilities? This webinar will focus on the Capital Region's plan to create a seamless network of multi-use trails, how communities are creating connections to the regional network, and ongoing initiatives to improve bicycle safety. Runtime: 1:18:22

Panelists:
Jan Cacone, CDTC Staff
Sandy Milewicz, CDTC Staff
Andy Beers, Empire State Trail
James Bath, Capital Trail

UPWP Planning Project Evaluation Criteria	Points (up to)
New Visions principles or Federal Planning Factors	5
Low income or minority census tract (based upon CDTC's Environmental Justice Analysis)	4
Intermunicipal or public/private partnership	4
Sponsor support (i.e. support resolution, overmatch, identified implementation funds, etc.)	3
Further past planning work	3
Commitment of staff, appointed officials or volunteers	3
Innovative - a creative or new planning approach	3
Total potential points	25


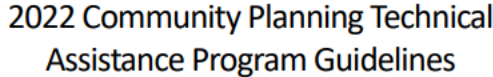



Schedule

- **October 2022** – Call for projects released; Virtual workshop held
- **November 30, 2022** – Application deadline (up to \$1 M available)
- **January 2023** – Project selection and notification
- **February 2023** – Incorporate into draft 2023-2024 UPWP
- **March 2, 2023** – 2023-2024 UPWP adopted
- **April 1, 2023** – Projects may begin!

CDTC/CDRPC Technical Assistance Program

- Small scale, short duration
- 25% local in-kind or cash match
- Pre-application meeting – techassist@cdrpc.org
- Eligible projects include:
 - Data Collection
 - Data Analysis & Mapping
 - Transportation Safety & Operations Planning
 - General Community / Neighborhood Planning
 - Recreation Trail Planning



Introduction

The Community Planning Technical Assistance Program offers the staff expertise of the Capital District Regional Planning Commission (CDRPC) and the Capital District Transportation Committee (CDTC) to local governments undertaking small scale community planning initiatives. Proposed initiatives must be consistent with CDTC's [New Visions 2050](#) Metropolitan Transportation Plan. CDTC and CDRPC are seeking proposals on a rolling basis from interested parties for technical assistance through December 2022 as funding allows. For additional information visit the Program webpage at www.cdtcmpo.org/techassist.

Big Thinking Coming Soon

- NY 378 Bridge PEL Study
- Reimaging I-787
- I-890 Exit 4C/Washington Ave/State Street PEL Study



Questions?



Sandy Misiewicz, AICP
CDTC Executive Director

Email: smisiewicz@cdtcmpo.org

Phone: (518) 458-2161

www.cdtcmpo.org



CapitalDistrictMPO



@MPOCDTC



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Capital District
Transportation Committee