

**Carbon Reduction Program (CRP) Discussion
January 25, 2023**

Introduction

The Carbon Reduction Program (CRP) is a new federal transportation program enacted as part of the Bipartisan Infrastructure Law that provides funds for projects designed to reduce transportation emissions, defined as carbon dioxide (CO2) emissions from on-road highway sources. The law allocates a portion of federal funding (65%) directly to Metropolitan Planning Organizations (MPOs) through a population based formula for projects in the Albany-Schenectady and Saratoga Springs urbanized areas. The remainder of the funds (35%) will be programmed by NYSDOT. NYSDOT is also required to develop a Carbon Reduction Strategy in consultation with New York’s MPOs by November 15, 2023 at which time all CRP funds will need to be spent in a manner consistent with that plan. Funding targets have been provided by NYSDOT allowing CDTC the opportunity to discuss how program funds should be spent.

Allocated Funding Between FFY 2022 and FFY 2026

The following unmatched federal funds have been allocated through FFY 2026 with over \$2.2M available to assign to projects now. The federal share of CRP funds is 80% of total project costs.

Urban Area	Estimated Allocation	Total Five Year Allocation	FFY 2022 and 2023 Allocation to Program
Albany-Schenectady	\$1,028,598/year	\$5,142,990	\$2,057,196
Saratoga Springs	\$111,981/year	\$559,905	\$223,782
Total		\$5,702,895	\$2,280,978

Eligible Projects

Project eligibility includes but is not limited to the following project types. Additional information may be found at https://www.fhwa.dot.gov/environment/sustainability/energy/policy/crp_guidance.pdf:

- Traffic management center operations and intelligent transportation systems improvements.
- Advanced truck stop and Port electrification systems;
- Construction of a bus rapid transit corridor or dedicated bus lanes;
- Planning, design and construction of transportation alternatives such as on-road and off-road trail facilities for pedestrians, bicyclists, and other nonmotorized forms of transportation;
- Advanced transportation and congestion management technologies such as advanced traveler information systems, advanced safety systems, and integrated corridor management systems;
- Replacement of street lighting and traffic control devices with energy-efficient alternatives;
- Travel demand management projects and programs;
- Deployment of alternative fuel vehicle infrastructure;

Programming Options:

- 1. Regional CRP Set-aside:** Create a new regional set-aside for CRP funds in the 2022-2027 TIP and solicit/identify candidate projects following completion of the state Climate Reduction Strategy and CDTC’s updated Congestion Management Process. The solicitation should highlight and encourage project types that do not compete well for core funds in regular TIP updates and could be cost effective toward the goal of reducing Carbon emissions. The solicitation could be integrated into the 2025-2030 TIP update. Examples of Carbon reducing projects at other MPOs include:

Project	Cost
Emission Control Technologies (Idle Reduction Project), NYMTC	\$678,960
Westchester Smart Commute (TDM Project), NYMTC	\$303,731
Signal Re-Timing Program, DVRPC	\$350,000
Braintree – Adaptive Signal Control on Route 37, Boston MPO	\$85,532
Electric Vehicle Charging Stations, Thurston RPC	\$315,257

- 2. Federal Fund Swap on Existing Projects:** Swap 100% of FFY 2022 and FFY 2023 CRP funds for STBG funds on existing CRP eligible TIP projects. The STBG funds freed up would be reserved for cost increases on other TIP projects. Funds in future years would be folded into the solicitation for the 2025-2030 TIP update and would need to be consistent with the state’s Climate Reduction Strategy. Candidate projects for fund swaps include:

Albany-Schenectady Urbanized Area (2 scenarios)

TIP#	Sponsor	Name	Unmatched STBG-FLEX Swap
RG131	CDTA	BRT Implementation	\$2,057,196 (FFY23)
SA323	Town of Clifton Park	NY 146 and NY 146A Bicycle & Pedestrian Access Improvements	\$1,054,000 (pre-FFY23 & 24)
S283	Schenectady County	Grand Boulevard Pavement & Pedestrian Improvements	\$900,000 (FFY23 & 24)

Saratoga Springs Urbanized Area

TIP#	Sponsor	Name	Unmatched STBG-FLEX Swap
SA345	Saratoga County	Design of Zim Smith Trail Extension	\$200,000 (FFY23)