



2022-27 CDTC TIP Candidate Project Information: Intersection/Safety

Project ID	Sponsor	Project Name	Project Location	Sponsor Priority (by Project Category)	Fund Source Eligibility	Design Year	Construction Year	Cost (\$M) (Matched and Inflated)	Total Benefits (\$k) per year	Annualized Cost (\$k)	Benefit/Cost		Merit Categories		Total Project Score
											B/C Ratio	B/C Capped	Merit total	Merit scaled	
54	Saratoga County	CR 109 Kinns Road-Plank Road Intersection Improvement	600 ft west of CR 109 (Kinns Rd) and Lank Rd intersection, 600 ft east of CR 109 (Kinns Rd) and Plank rd intersection	3	STP-FLEX, STP-URB	2nd year (2023-2024)	3rd year (2024-2025)	1.977	5,105.60	203.55	25.1	25.1	3.0	2.0	27.1

Description: Constructing a Left Turn Lane for westbound traffic on CR 109 (Kinns Road) heading southbound onto Plank Road. Replacement of County Culvert No. 269.10 is necessary to widen the roadway.

Notes: Sponsor provided AADT: 6,477 (2021)

90	Town of Wilton	Town of Wilton Traffic Safety and Pedestrian Connectivity Improvement Project	Carr Road / Jones Road / Northern Pines Road (CR 34)	2	STP-FLEX	2nd year (2023-2024)	3rd year (2024-2025)	3.774	2,249.09	329.04	6.8	6.8	25.0	16.4	23.2
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Description: This project includes the construction of two (2) single-lane roundabouts at the intersections of Northern Pines Road (CR 34) with Carr Road and Carr Road with Jones Road. A multi-use path will be installed along Carr Road from Northern Pines Road (CR 34) to Jones Road, and along Jones Road from Carr Road to Jodi Lane. There will also be segments of partial depth reconstruction on Carr Road and Jones Road to facilitate the installation of the multi-use path within the existing right-of-way.

Notes: This project was also submitted for 2021 TAP-CMAQ.

93	City of Troy	River Ferry Intersection	Eastern Terminus of Congress St Bridge	1	NHPP, STP-FLEX, STP-URB	1st year (2022-2023)	2nd year (2023-2024)	4.803	870.72	418.72	2.1	2.1	32.0	21.1	23.2
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Description: This project will reconnect the City of Troy street grid by eliminating the ramps to and from the Congress Street Bridge and create a four way intersection with River Street, Ferry Street, and the Congress Street Bridge. The current configuration of this interchange directs northbound traffic to Front Street as a means to access the bridge or downtown, or mis-directs traffic out of downtown and over the bridge. There is limited pedestrian connectivity, and no bicycle or transit infrastructure.

Notes:

82	Town of Halfmoon	Intersection Improvements at NY Route 236 and Guideboard Road (CR 94)	Intersection of NY Route 236 and Guideboard Road (CR 94)	1	NHPP, STP-FLEX, STP-URB	1st year (2022-2023)	3rd year (2024-2025)	5.274	2,481.40	459.82	5.4	5.4	17.0	11.2	16.6
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Description: This project includes in the construction of one (1) double-lane roundabout at the intersection of NY Route 236 and Guideboard Road (CR 94). Pedestrian crossings will be introduced at each leg of the roundabout intersection. Coordination and adjustment of existing traffic signals located at the intersections of NY Route 236 with US Route 9 and Guideboard Road (CR 94) with US Route 9 and Grooms Road (CR 91) will also be included in the project scope. An additional through-lane will be added along NY Route 236 from the intersection of Guideboard Road (CR 94) to US Route 9. The project will include a combination of pavement rehabilitation, full-depth pavement reconstruction and pavement widening in certain areas. Utility relocations, stormwater collection and stormwater management are integral project elements.

Notes:

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											B/C Ratio	B/C Capped	Merit total	Merit scaled	
85	Town of Milton	Town of Milton Intersection Improvements at NY Route 50 and Northline Road	NY Route 50 and Northline Road	1	NHPP, STP-FLEX	2nd year (2023-2024)	3rd year (2024-2025)	4.690	1,180.12	408.87	2.9	2.9	20.0	13.2	16.1

Description: This project includes in the construction of one (1) double-lane roundabout at the intersection of NY Route 50 and Northline Road (CR 45). Additional pedestrian crossings will be introduced at the intersection as a result of the roundabout intersection. The project will include a combination of pavement rehabilitation, full-depth pavement reconstruction and pavement widening in certain areas.

Notes:

83	Town of Malta	East Line Road and Route 67 Roundabout Project	Intersection of NYS Route 67 and Eastline Road in Saratoga County	1	NHPP, STP-FLEX	2nd year (2023-2024)	3rd year (2024-2025)	4.463	430.27	389.07	1.1	1.1	22.0	14.5	15.6
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Description: The scope of work for the project would include the following: Replacement of the signalized intersection with a roundabout; Enhanced pedestrian accommodations for existing and proposed land uses adjacent to the intersection; Construction of a sidewalk connection to Zim Smith Multi-Use Trail; and Improvements to the existing connection to the Zim Smith Multi-Use Trail across Eastline Road (approximately 250 feet south of the intersection). Drainage improvements, Intersection street lighting, Installation of Rectangular Rapid Flashing Beacons

Notes:

67	Schenectady County	Charlton Road Van Vorst Road Intersection Safety Improvements	Charlton Road/Van Vorst Road Intersection	3	STP-FLEX, STP-URB	1st year (2022-2023)	3rd year (2024-2025)	2.253	435.22	196.46	2.2	2.2	15.0	9.9	12.1
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Description: The scope of work will include design, right-of-way and construction of a Single-Lane Roundabout. There is a high rate of vehicular crashes at/or near the intersection. This project will result in reduced vehicular crashes and severity, which will provide overall safety improvements.

Notes:

73	Town of Clifton Park	NY Route 146 Miller Road and Tanner Rd and NY Route 146 Waite Road Intersection Improvements	NY Route 146/ Miller Road and Tanner Rd, and NY Route 146/ Waite Road Intersections	1	NHPP, STP-FLEX, Possible HSIP	2nd year (2023-2024)	3rd year (2024-2025)	4.724	1,983.87	411.89	4.8	4.8	11.0	7.2	12.0
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Description: The scope of work for this project includes the design and construction of the roundabouts. It is anticipated that right-of-way acquisitions will be performed, with a total of 5 strip takings.

Notes:

39	NYS DOT	Route 2 at Swatling Road Safety Enhancements	Route 2 at Swatling Road	1	NHPP, STP-FLEX, STP-URB, Possible HSIP	1st year (2022-2023)	2nd year (2023-2024)	5.148	2,934.47	448.83	6.5	6.5	8.0	5.3	11.8
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Description: The project is intended to enhance safety and reduce crashes as identified by the high accident location. The project will likely re-align Young Place and/or Swatling Road to create a single standard 4 way signalized intersection.

Notes:

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											B/C Ratio	B/C Capped	Merit total	Merit scaled	
89	Town of Wilton	NY 50 Safety Improvements	NYS Route 50 from Jones Road to Old Gick/Ingersoll Road	1	STP-FLEX	1st year (2022-2023)	2nd year (2023-2024)	6.290	987.05	548.35	1.8	1.8	15.0	9.9	11.7

Description: The project includes the design, permitting, and construction of a pair of roundabouts at the Old Gick Road/Ingersoll Road and Jones Road intersections with NYS Route 50 with a second northbound travel lane between the intersections. The project will provide accommodations for pedestrians, bicyclists, and passenger vehicles.

Notes:

84	Town of Malta	North Line Road, Old Post Road and Malta Avenue Intersection Improvement Project	Intersection of North Line Road, Old Post Road and Malta Avenue	2	STP-FLEX	3rd year (2024-2025)	4th year (2025-2026)	4.559	140.48	397.45	0.4	0.4	15.0	9.9	10.3
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Description: The proposed project would be to construct an improvement (roundabout or signalized intersection) and eliminate the stop controlled intersections. The roundabout will be curbed with sidewalks located around the perimeter to allow for pedestrians to navigate the intersections. A new storm water drainage system will be constructed as part of the intersection improvements. Several utility poles will need to be relocated as a result of the roadway realignment. The signalization of the intersection would also require the additional construction of turn lanes.

Notes:

16	City of Saratoga Springs	Video Based Traffic Detection	35 existing signalized intersections	1	STP-FLEX	1st year (2022-2023)	2nd year (2023-2024)	0.972	0.00	0.00	0.0	0.0	14.0	9.2	9.2
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Description: The scope of work includes the installation of Video Based Traffic Detection Equipment (VBTDE) at 35 existing signalized intersections. Equipment locations, specifications, and software will be determined by the engineering consultant in consultation with city staff.

Notes: Unable to calculate traditional mobility benefits for this project; B/C score not computed.

Total Projects:

Total request (\$M):