

Draft of April 18, 2019

**Albany-Schenectady-Troy
1997 8-Hour Ozone Non-Attainment Area
Transportation/Air Quality Conformity Determination**

Map will be added prior to public release.

**Capital District Transportation Committee
2019-2024 Transportation Improvement Program
and 2040 New Visions Metropolitan Transportation Plan**

**Adirondack/Glens Falls Transportation Council
2019-2024 Transportation Improvement Program
and 2040 Ahead Metropolitan Transportation Plan**

**12-Year Capital Program of Transportation Projects
in Montgomery, Greene, and Schoharie Counties**

Prepared by:

NYS DOT Environmental Science Bureau, CDTC and A/GFTC
in association with NYS DOT Regions 1, 2, and 9

Executive Summary

The Adirondack / Glens Falls Transportation Council (A/GFTC), Capital District Transportation Council (CDTC), and New York State Department of Transportation (NYSDOT) Regions 1, 2 and 9 completed the transportation conformity process for the Albany-Schenectady-Troy, NY area. This report documents that the A/GFTC and CDTC Transportation Improvement Programs (TIPs) and long range transportation plans (Plans) and projects in the non-urbanized portion of the Albany-Schenectady-Troy area meet the federal transportation conformity requirements in 40 CFR Part 93.

Clean Air Act (CAA) section 176(c) (42 U.S.C. 7506(c)) requires that federally funded or approved highway and transit activities are consistent with (“conform to”) the purpose of the State Implementation Plan (SIP). Conformity to the purpose of the SIP means that transportation activities will not cause or contribute to new air quality violations, worsen existing violations, or delay timely attainment of the relevant NAAQS or any interim milestones. 42 U.S.C. 7506(c)(1).

The United States Environmental Protection Agency’s transportation conformity rules, 40 CFR Parts 51.390 and 93, establish the criteria and procedures for determining whether TIPs, Plans and federally supported highway and transit projects conform to the SIP. Chapter 6 of the New York Codes Rules and Regulations (NYCRR) Subpart 240 (Part 240) is the SIP for transportation conformity consultation in New York State. Part 240 was approved by the USEPA, effective September 29, 2014. Part 240-2 identifies the agencies, procedures, and allocation of responsibilities for consultation and is consistent with consultation requirements in 40 CFR Part 93.105.

The consultation procedures were followed during the conformity determination process and are documented in the Section titled “Consultation” below. In summary, the CDTC, A/GFTC and NYSDOT staff discussed the content of this air quality conformity determination with the New York State Interagency Consultation Group (ICG) for air quality conformity during the development of the Capital Program of Transportation Projects in Greene, Montgomery, and Schoharie Counties as well as the new A/GFTC and CDTC TIPs and long range transportation plans.

On February 16, 2018, the United States Court of Appeals for the District of Columbia Circuit in *South Coast Air Quality Mgmt. District v. EPA* (“*South Coast II*,” 882 F.3d 1138) held that transportation conformity determinations must be made in areas that were either nonattainment or maintenance for the 1997 ozone national ambient air quality standard (NAAQS) and attainment for the 2008 ozone NAAQS when the 1997 ozone NAAQS was revoked. These conformity determinations are required in these areas after February 16, 2019. The Albany-Schenectady-Troy, NY area was nonattainment at the time of the 1997 ozone NAAQS revocation on April 6, 2015 and was also designated attainment for the 2008 ozone NAAQS on May 21, 2012. Therefore, per the *South Coast II* decision, this conformity determination is being made for the 1997 ozone NAAQS.

This conformity determination was completed consistent with CAA requirements, existing associated regulations at 40 CFR Parts 51.390 and 93, 6 NYCRR Part 240 and the *South Coast II* decision, as per the USEPA’s *Transportation Conformity Guidance for the South Coast II Court Decision* issued on November 29, 2018.

Transportation Conformity Overview

The concept of transportation conformity was introduced in the Clean Air Act (CAA) of 1977, which included a provision to ensure that transportation investments conform to the State Implementation Plan (SIP) for meeting the Federal air quality standards. Conformity requirements were made substantially more rigorous in the CAA Amendments of 1990. The transportation conformity regulations that detail the criteria and procedures to successfully comply with the CAA conformity provisions were first issued in November 1993, and have been amended several times. The regulations establish the criteria and procedures for transportation agencies to demonstrate that air pollutant emissions from metropolitan transportation plans, transportation improvement programs and projects are consistent with (“conform to”) the State’s air quality goals in the SIP.

Transportation conformity is required under CAA Section 176(c) to ensure that Federally-supported transportation activities are consistent with (“conform to”) the purpose of a State’s SIP. Transportation conformity establishes the framework for improving air quality to protect public health and the environment. Conformity to the purpose of the SIP means Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) funding and approvals are given to highway and transit activities that will not cause new air quality violations, worsen existing air quality violations, or delay timely attainment of the relevant air quality standard, or any interim milestone.

Albany-Schenectady-Troy 1997 Ozone Nonattainment Area

On June 15, 2004, the United States Environmental Protection Agency (EPA) designated the Albany-Schenectady-Troy, NY area consisting of Saratoga, Schenectady, Albany, Rensselaer, Montgomery, Greene, and Schoharie Counties nonattainment for the 1997 8-hour ozone standard (0.08 parts per million). This designation was based on the results of ambient air monitoring data collected by the New York State Department of Environmental Conservation from calendar years 2001-2003. These data established an 8-hour ozone “design value” of 0.087 ppm for the area. The current design value for the area, based on 2016-2018 data, is 0.066 ppm.

On July 20, 2012, the USEPA designated the Albany-Schenectady-Troy, NY attainment for the 2008 ozone standard (0.075 ppm). The area was designated attainment for the 2015 ozone standard (0.070ppm) on January 16, 2018.

Per the *South Coast II* court decision, beginning February 16, 2019, a transportation conformity determination for the 1997 ozone NAAQS is required in 1997 ozone NAAQS nonattainment and maintenance areas, including the Albany-Schenectady-Troy, NY area. This conformity determination report will address transportation conformity for the 2019-2024 CDTC and A/GFTC TIPs, CDTC *New Visions 2040*, the A/GFTC *2040 Ahead* and the surrounding non-urban counties. Once the FHWA/FTA makes its 1997 ozone NAAQS conformity determination, conformity will be required at least every four years.

Transportation Conformity Requirements

On November 29, 2018, EPA issued *Transportation Conformity Guidance for the South Coast II Court Decision*¹ (EPA-420-B-18-050, November 2018) that addresses how transportation conformity determinations can be made in areas that were nonattainment or maintenance for

¹ Available from <https://www.epa.gov/sites/production/files/2018-11/documents/420b18050.pdf>

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the 1997 ozone NAAQS when the 1997 ozone NAAQS was revoked, but were designated attainment for the 2008 ozone NAAQS.

The transportation conformity regulation at 40 CFR 93.109 sets forth the criteria and procedures for determining conformity. The conformity criteria for MTPs and TIPs include: latest planning assumptions (93.110), latest emissions model (93.111), consultation (93.112), transportation control measures (93.113(b) and (c)), and emissions budget and/or interim emissions (93.118 and/or 93.119).

For the 1997 ozone NAAQS areas, transportation conformity for MTPs and TIPs for the 1997 ozone NAAQS can be demonstrated without a regional emissions analysis, per 40 CFR 93.109(c). This provision states that the regional emissions analysis requirement applies one year after the effective date of EPA's nonattainment designation for a NAAQS and until the effective date of revocation of such NAAQS for an area. The 1997 ozone NAAQS revocation was effective on April 6, 2015, and the *South Coast II* decision upheld the revocation. As no regional emission analysis is required for this conformity determination, there is no requirement to use the latest emissions model, or budget or interim emissions tests.

Therefore, transportation conformity for the 1997 ozone NAAQS for the A/GFTC and CDTC TIPs and Plans, and the Capital Program of Transportation Projects in Greene, Montgomery and Schoharie Counties can be demonstrated by showing the remaining requirements in Table 1 in 40 CFR 93.109 have been met. These requirements, which are laid out in Section 2.4 of EPA's guidance and addressed below, are:

- Latest planning assumptions (93.110)
- Consultation (93.112)
- Transportation Control Measures (93.113)
- Fiscal constraint (93.108)

Latest Planning Assumptions

The use of latest planning assumptions in 40 CFR 93.110 of the conformity rule generally apply to regional emissions analyses. In the 1997 ozone NAAQS areas, the use of latest planning assumptions requirement applies to assumptions about transportation control measures (TCMs) in an approved SIP. There are no TCMs in any SIP in the Albany-Schenectady-Troy, NY area. Thus, the latest planning assumption requirement is not applicable for this conformity determination.

Consultation

The consultation requirements in 40 CFR 93.112 and 6 NYCRR Part 240 were addressed both for interagency consultation and public consultation.

Per the New York State Transportation Conformity SIP, as codified in Chapter 6 of the New York Codes Rules and Regulations (6 NYCRR) Part 240, interagency consultation was conducted with the NYSDEC, NYSDOT, FHWA, FTA and USEPA. Representatives of these agencies comprise the Interagency Consultation Group (ICG) for air quality conformity in New York State.

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On April 11, 2019, the ICG concurred with the classification of projects in the A/GFTC TIP and Plan, the CDTC TIP and Plan, and the Capital Program of Transportation Projects in Greene County (NYSDOT Region 1), Montgomery County (NYSDOT Region 2).

All projects on the TIPs, MTPs and Capital Programs are exempt for the purposes of transportation conformity as per 40 CFR Part 93, 6 NYCRR Part 240 and the interagency consultation process. *A list of projects and their exempt codes will be attached to the conformity statement.*

The draft conformity document is currently undergoing interagency review and all comments received will be incorporated in the final documentation.

Consistent with planning rule requirements in 23 CFR Part 450, the public will be provided an opportunity to review and comment on the draft conformity determination and supporting documentation from May 1 – May 30, 2019.

The draft conformity documentation and project lists will be posted to the A/GFTC, CDTC and NYSDOT web sites. The draft conformity documentation will be summarized at a public meeting on May 7, 2019 at the Colonie Public Library. Evidence of public notice will be included in the final conformity documentation.

Any comments received from the public will be addressed appropriately in the final conformity determination.

Timely Implementation of TCMs

There are no TCMs in the SIP for the Albany-Schenectady-Troy, NY 1997 ozone nonattainment area.

Fiscal Constraint

Transportation conformity requirements in 40 CFR 93.108 state that transportation plans and TIPs must be fiscally constrained consistent with DOT's metropolitan planning regulations at 23 CFR part 450. The CDTC and AGFTC 2040 transportation plans and 2019-2024 TIPs are fiscally constrained, as demonstrated in the CDTC New Visions 2040 Financial Plan and the CDTC 2019-2024 TIP. The A/GFTC fiscal constraint demonstration *is/will be* included in Appendix A of the A/GFTC TIP document.

Conclusion

The conformity determination process completed for the 2019-2024 A/GFTC and CDTC TIPs, the A/GFTC 2040 Ahead MTP, the CDTC New Visions 2040 MTP, and the Capital Program of Transportation Projects in Greene, Montgomery and Schoharie Counties demonstrates that these planning documents meet the Clean Air Act and Transportation Conformity rule requirements for the 1997 ozone NAAQS. The signed resolutions adopting this conformity determination will be included in the final conformity documentation.

EXEMPT PROJECTS

Highway and transit projects of the types listed below are exempt from the requirement to determine conformity. Such projects may proceed toward implementation even in the absence of a conforming transportation plan and TIP. However, a particular action of the type listed below is not exempt if the MPO, in consultation with the ICG, concurs that it has regionally significant emissions impacts.

The following coded list of exempt projects is derived from "Table 2 - Exempt Projects" in 40 CFR Part 93.126 and 6 NYCRR Part 240.27. These codes are used in the Air Quality Code (AQC) field in the TIP.

A. Safety

- A1 Railroad/highway crossing
- A2 Projects that correct, improve, or eliminate a hazardous location or feature
- A3 Safer non-Federal-aid system roads
- A4 Shoulder improvements
- A5 Increasing sight distance
- A6 Highway Safety Improvement Program implementation
- A7 Traffic control devices and operating assistance other than signalization projects
- A8 Railroad/highway crossing warning devices
- A9 Guiderails, median barriers, crash cushions
- A10 Pavement resurfacing and/or rehabilitation
- A11 Pavement marking
- A12 Emergency relief (23 U.S.C. 125)
- A13 Fencing
- A14 Skid treatments
- A15 Safety roadside rest areas
- A16 Adding medians
- A17 Truck climbing lanes outside the urbanized area
- A18 Lighting improvements
- A19 Widening narrow pavements or reconstructing bridges (no additional travel lanes)
- A20 Emergency truck pullovers

B. Mass Transit

- B1 Operating assistance to transit agencies (*or entities that provide transit service*)
- B2 Purchase of support vehicles
- B3 Rehabilitation of transit vehiclesⁱ
- B4 Purchase of office, shop, and operating equipment for existing facilities
- B5 Purchase of operating equipment for vehicles (ie: radios, fareboxes, lifts, etc.)
- B6 Construction or renovation of power, signal, and communications systems
- B7 Construction of small passenger shelters and information kiosks
- B8 Reconstruction or renovation of transit buildings and structures (ie: rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)
- B9 Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way
- B10 Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet.ⁱ
- B11 Construction of new bus or rail storage/maintenance facilities categorically excluded in 23 CFR Part 771

EXEMPT PROJECTS, cont.

C. Air Quality and Other

- C1 Continuation of ride-sharing and van-pooling promotion activities at current levels
- C2 Bicycle and pedestrian facilities
- C3 Planning and technical studies
- C4 Grants for training and research programs
- C5 Planning activities conducted pursuant to titles 23 and 49 U.S.C.
- C6 Federal-aid systems revisions
- C7 Engineering to assess social, economic, and environmental effects of the proposed action or alternatives to that action
- C8 Noise attenuation
- C9 Emergency or hardship advance land acquisitions (23 CFR 710.503)
- C10 Acquisition of scenic easements
- C11 Plantings, landscaping, etc.
- C12 Sign removal
- C13 Directional and informational signs
- C14 Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)
- C15 Repair of damage caused by natural disasters, civil unrest, or terrorist acts, except projects involving substantial functional, locational or capacity changes

Projects Exempt from Regional Emissions Analysis

40 CFR Part 93.127 includes "Table 3 - Projects Exempt from Regional Emissions Analysis," which is also presented in 6 NYCRR Part 240.28. Such projects are exempt from regional emissions analysis requirements, but require consideration of the local effects with respect to CO or PM₁₀ and PM_{2.5} concentrations to determine if a hot-spot analysis is required prior to making a project-level conformity determination. These projects may then proceed to the project development process, even in the absence of a conforming plan and TIP.

D. "Hot-Spot" Project-Level Conformity Analysis

- D1 Intersection channelization projects
- D2 Intersection signalization projects at individual intersections
- D3 Interchange reconfiguration projects
- D4 Changes in vertical and horizontal alignment
- D5 Truck size and weight inspection stations
- D6 Bus terminals and transfer points

ⁱ In PM₁₀ and PM_{2.5} nonattainment or maintenance areas, such projects are exempt only if they are in compliance with control measures in the applicable implementation plan.

Other miscellaneous codes:

- J1: Block of Funds with scope and location yet to be determined*
- K1: Exempt / not regionally significant through interagency consultation and does not have a code in the list above.*
- K2: Project is subject to general conformity and is not subject to the regional emissions analysis requirements under transportation conformity*

Draft Conformity Statement _ CDTC 2019-2024 TIP Projects.xlsx

TIP #	PIN	Municipality	AQ	Exempt code	Project Name	Description	STIP Type	Total Cost (\$M)
A295	Cand1	Multiple	Exempt	A10	Road	Includes pavement rehabilitation, safety and complete streets improvements	Maintenance	5.521
A572	105177	Albany	Exempt	A19	Repairs	BIN 109299A	Maintenance	10.64
A573	152884	Albany	Exempt	A19	I-90 Bridge over Erie Blvd.: Element Specific Repairs	BINS 1092451, 1092452	Maintenance	6.133
A576	100716	Coymans	Exempt	A19	NY 144 Bridge over the Hannacrois Creek: Replacement	BIN 1038070	Maintenance	3.1
A581	176045	Guiderland	Exempt	C2	West Old State Road: New Sidewalk	South side of the road, from Gardenview Terrace to Regina Drive, and from an existing walkway on Victoria Drive to Lynnwood Elementary School.	Capital	0.227
A583	108540	Guiderland	Exempt	D2	Carman Road Safety Improvements	The project will provide a two-way turn lane, new sidewalks & pedestrian accommodations on Carman from Jessamine Lane to 500 feet past Old Carman Road.	Capital	1.1
A587	176080	Bethlehem	Exempt	D1	Roundabout	Includes Sidewalk Extension on Glenmont Road to Glenmont Elementary School	Capital	4.047
A590	176092	Albany	Exempt	C2	City of Albany Pedestrian Safety Action Plan	Pedestrian safety improvements at: 20 uncontrolled crosswalks & 12 signalized intersections	Capital	1.233
A591	193361	Altamont	Exempt	A8	Upgrade	This is will upgrade active warning devices and surface	Capital	0.021
A593	Cand7	Albany	Exempt	A10	Henry Johnson Boulevard, Sheridan Avenue to Livingston Avenue	Milling a minimum of 2" of the existing asphalt surface, truing and leveling course and final wearing course. Provide ADA-compliant pedestrian amenities for all sidewalks and crosswalks. Approximately 1,000 square feet of sidewalk is in need of replacement. High visibility crosswalks will be added. Reset approximately 1,000 feet of granite curbing. Existing driveway widths will be evaluated and reduced when conditions warrant. Existing turning lanes will be evaluated and reestablished.	Maintenance	0.965
A594	Cand8	Albany	Exempt	A10	Lark Street, Madison Avenue to Washington Avenue	Milling a minimum of 2" of the existing asphalt surface, truing and leveling course & final wearing course. Provide ADA-compliant pedestrian amenities for all sidewalks and crosswalks and install shared lane pavement markings and appropriate signage notifying vehicles of bicycle traffic. Approximately 1,200 square feet of sidewalk is in need of replacement. High visibility crosswalks will be added. Reset approximately 500 feet of granite curbing. Existing driveway widths will be evaluated and reduced when conditions warrant. Existing turning lanes will be evaluated and reestablished.	Maintenance	0.743
A595	Cand20	Albany	Exempt	A19	Dunn Bridge WB To I-787 SB: Element Specific Repairs	BIN 109294A	Maintenance	26.43
A596	Cand21	Albany	Exempt	A19	Everett Road Bridge over I-90: Element Specific Repairs	BIN 1034529	Maintenance	10.65
A597	Cand30	Multiple	Exempt	A10	I-787 Exit 3B to Exit 7 (NY 378): Pavement Corrective Maintenance	A Preventive Maintenance project which will slow the deterioration of the pavement by repairing the distress in the pavement surface at the longitudinal joints and does not add significant structure to the pavement	Maintenance	4.677
A598	Cand50	Bethlehem	Exempt	A19	US 9W Over CSX/CP Rail: Replacement	BIN 1007570	Maintenance	12.15
A599	Cand95	Green Island	Exempt	A10	Cohoes Avenue, Arch Street to the Cohoes City Line: Mill & Fill	Install concrete sidewalks from Arch Street to Tibbits Avenue and repair all sidewalk ramps to meet ADA standards.	Maintenance	1.049
A600	Cand45	Multiple	Exempt	A19	NY 378 Over Hudson: Bridge Paint	BIN 1062850	Maintenance	3.428
A601	Cand74	Bethlehem	Exempt	A10,A2	Delaware Avenue, Elsmere Avenue to Normans Kill Bridge: Mill & Fill	Funding for pavement preservation is not included below and will be paid for by the NYS DOT pavement preservation set-aside, RGI.36.	Maintenance	3.85
A602	Cand22	Colonie (T)	Exempt	A19	I-87 Exit 6 Interchange Safety Improvements	Add a merge lane on both on-ramps to I-87 from NY 7 to reduce vehicle conflicts and promote safe turning movements.	Capital	1.998
A603	Cand81	Colonie (T)	Exempt	K1	Albany Shaker Road (CR 151), Wolf Road to Everett Road	Speed limit reduction from 40 mph to 30mph or 35 mph, additional pedestrian improvements at select intersections & a new traffic signal at Shaker Elementary School. No changes to the number of thru traffic lanes.	Capital	0.86
A604	Cand87	Guiderland	Exempt	C2	Carman Road Sidewalks	Construct a 5-foot concrete sidewalk on the east side of Carman Road	Capital	0.628
A605, R344	Cand46	Colonie, Troy	Exempt	C3	NY 378 Troy Menands Bridge Replacement Study	Bridge Replacement Study. Evaluate options to relocate the bridge at a to be determined location most likely south of the current location, potentially allowing traffic to exit onto US 4 in the vicinity of Hudson Valley Community College. The existing pedestrian and bicycle accommodations will be evaluated as part of the alternatives.	Capital	0.866
R195A	176130	Troy	Exempt	K1	South Troy Industrial Park Road Phase II (Northern End)	Construct a new two-lane road from Monroe Street to Adams Street, 0.4 miles in length. It will include sidewalks, bike lanes a new bridge over the Poestenkill. The purpose of the project is to remove truck traffic destined for commercial properties from residential streets. It will not create a bypass or diversion through route.	Capital	5.761
R309	104358	East Greenbu	Exempt	C2	US 9 and 20 Sidewalk Construction from Bruen Court to the Rensselaer City Line	The project would fill a gap between City of Rensselaer sidewalks leading to its main commercial district and sidewalks constructed in East Greenbush when Routes 9 and 20 were widened by NYS DOT.	Capital	0.626
R310	176034	Sand Lake	Exempt	C2	Sand Lake Hamlets Sidewalk Enhancements	Rehabilitate 2200 feet of sidewalk & replace 43 pieces of sidewalk in West Sand Lake	Capital	0.649
R313	100132	Petersburgh	Exempt	A19	CR 129 over NY 22 Bridge: Replacement	BIN 1000250	Maintenance	2.656
R314	176049	Pittstown	Exempt	A19	Aluminum Box Culvert	Located between NY 7 and Storm Hill Rd.	Maintenance	0.513

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TIP #	PIN	Municipality	AQ	Exempt code	Project Name	Description	STIP Type	Total Cost (\$M)
R315	104357	Schockack	Exempt	A19	US 9 Bridge over I-90 (Exit 11): Replacement	BIN 1092730	Maintenance	10.92
R316	100136	Brunswick	Exempt	A19	NY 2 Bridge over the Poestenkill: Replacement	BIN 1000190	Maintenance	3.658
R323	176084	Rensselaer	Exempt	C2	Rensselaer Riverfront Multi-Use Trail	This project constructs 3750 feet of multi-use trail and 100 feet of bike/ped accommodations between DeLaet's Landing and Riverfront Park.	Capital	1.4
R324	193349	Schaghticoke	Exempt	A8	Howland Avenue (formerly Depot Hill Road): Grade Crossing Signal Upgrade	Installation of Automatic Gates, Flashing Lights and Pavement Repair	Capital	0.305
R325	193350	Schaghticoke	Exempt	A8	Old Schaghticoke Road: Grade Crossing Signal Upgrade	Installation of Automatic Gates, Flashing Lights and Pavement Repair	Capital	0.625
R327	176094	Rensselaer	Exempt	C2	City of Rensselaer Pedestrian Safety Action Plan	Pedestrian safety improvements at 6 signalized intersections	Capital	0.45
R328	176119	Troy	Exempt	A19	Campbell Avenue over Wynantskill: Bridge Repair or Replace	BIN 2202290	Maintenance	3.127
R329	176124	Sand Lake	Exempt	A19	Stop 13 Rd over Wynantskill: Bridge Repair or Replace	BIN 2201960	Maintenance	1.026
R330	Cand41	Schaghticoke	Exempt	A19	NY 67 Over B&M RR: Bridge Replacement	BIN 1303390	Maintenance	6.614
R331	Cand12	Rensselaer	Exempt	A19	Improvements	South Street between 2nd Avenue and Aiken Avenue	Maintenance	2.193
R332	Cand54	Sand Lake	Exempt	A10	Overlay	Preserve the pavement using a 2" Hot Mix Asphalt Overlay.	Maintenance	0.391
R333	Cand56	Sand Lake	Exempt	A10	Eastern Union Turnpike (CR 49) from Glass Lake Road to NY 43	Preserve the pavement using a 2" Hot Mix Asphalt Overlay.	Maintenance	0.212
R334	Cand57	Schaghticoke	Exempt	A10	Fogarty Road (CR 126) Wetsel Road to Pittstown Town Line: Overlay	Preserve the pavement using a 2" Hot Mix Asphalt Overlay.	Maintenance	0.152
R335	Cand58	North Greenb	Exempt	A10	Pershing Avenue (CR 68) Troy Avenue to Peck Road: Overlay	Preserve the pavement using a 2" Hot Mix Asphalt Overlay.	Maintenance	0.238
R336	Cand59	Schaghticoke	Exempt	A10	River Road (CR 120) from CR 125 to Washington County Line: Overlay	Preserve the pavement using a 2" Hot Mix Asphalt Overlay.	Maintenance	0.15
R337	Cand60	North Greenb	Exempt	A10	Snyders Lake Road (CR 68) from CR 65 (Bloominggrove Drive) to Troy Avenue Road	Preserve the pavement using a 2" Hot Mix Asphalt Overlay.	Maintenance	0.593
R338	Cand13	Rensselaer	Exempt	A10	Third Avenue from the Bridge to City/Town Line: Rehabilitation & Bike/Ped Improvements	Rehabilitation of Third Ave including milling of pavement (top and binder) to the base course to remove pavement distress, crack seal surface of milled pavement if needed prior to overlay, overlay new binder and top courses to include 2" hot mix asphalt binder and 1-1/2" top courses, replace ADA curb ramps to comply with current standards at all eight (8) intersections, provide high-visibility crosswalks at the intersections of Third Avenue with Adams Street, Plum Street and High Street, provide pedestrian push button with countdown timers and new stop bars at the signalized intersections Adams Street and High Street, install new centerline and edge line striping to improve roadway safety and separate the driving and parking lanes, provide sharrows for bicyclists from the bridge to High Street	Maintenance	0.575
R339	Cand19	Troy	Exempt	A10	NY 2 (Congress and Ferry Streets) from 11th Street to the to the Congress Street Bridge	Includes: Mill & Fill, restriping to one driving lane each, repair 50% of sidewalks, add curb extensions and bike lanes	Maintenance	4.035
R340	Cand49	East Greenbu	Exempt	D1	Intersection of US Route 4 and I-90: Intersection Safety Improvements	Precise improvements would be determined in Preliminary design to reduce the pattern of accidents identified by the Region 1 Safety Engineer. For the purpose of evaluation, anticipate the installation of a Roundabout to mitigate the identified pattern of accidents.	Capital	4.434
R341	Cand28	Schodack	Exempt	A10	I-90 Exit 10.5 (at Kraft Road) to NYS Thruway: Pavement Corrective Maintenance	For evaluation purposes, assume a Single Course overlay or a Single Course Mill and Fill. Isolated repairs will be incorporated to address areas of deeper distress. Median widths will be reviewed and any clear median less than 72' will have guiderail installed to prevent crossover accidents per update NYS DOT design guidelines for divided highways.	Maintenance	7.641
R342	Cand29	Multiple	Exempt	A10	I-90 Hudson River to Exit 10.5 (at Kraft Road): Pavement Corrective Maintenance	For evaluation purposes, assume a Single Course overlay or a Single Course Mill and Fill. Isolated repairs will be incorporated to address areas of deeper distress. Median widths will be reviewed and any clear median less than 72' will have guiderail installed to prevent crossover accidents per update NYS DOT design guidelines for divided highways.	Maintenance	7.868
R343	Cand45	Multiple	Exempt	A19	NY 378 Over Hudson: Bridge Paint	BIN 1062850	Maintenance	3.428
RG118	180929	Regional	Exempt	C2	ADA Compliance Set-Aside	Implementation of NYS DOT ADA Transition Plan including curb ramp and sidewalk improvements on state owned routes	Capital	1
RG130	CDTC32	Regional	Exempt	J1	Travel Demand Management & Multimodal	Drawdowns from this set-aside must consist of a new TIP project.	Capital	0.7
RG131	CDTC31	Regional	Exempt	J1	Bus Rapid Transit	Drawdowns from this set-aside must consist of a new TIP project.	Capital	19.4
RG133	181033	Regional	Exempt	A9	Guiderail Replacement	Other PIN's: 1810.43, 1810.94, 1810.95 & 1810.96	Capital	2.5
RG134	181081	Regional	Exempt	A19	State Bridge Miscellaneous Preservation Set-Aside	This includes such things as bridge painting and washing and is for bundling work for several bridges.	Maintenance	31
RG135	181035	Regional	Exempt	A2	State Culvert Replacements Set-Aside	Other PIN's: 1810.68, 1810.89, 1810.90 & 1810.91	Maintenance	10.5

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TIP #	PIN	Municipality	AQ	Exempt Code	Project Name	Description	STIP Type	Total Cost (\$M)
RG136	181066	Regional	Exempt	A10	State Miscellaneous Pavement Maintenance Set-Aside	This includes but is not limited to, crack sealing single course overlays, mill & fill, and limited related work for bundled work on several roads.	Maintenance	33
RG137	180902	Regional	Exempt	A2	State Slope Repairs Set-Aside	Other PIN's: 1810.58	Maintenance	0.25
RG141	181123	Regional	Exempt	A18	Navigational Lights Replacement	Navigational lighting on bridges over navigable waters		0.95
RG142	181126	Regional	Exempt	C13	Overhead Sign Structure Replacement	Includes PIN's 1811.27, 1811.34, & 1811.35		2.78
RG143	181120	Regional	Exempt	C13	Sign Replacement	Includes PIN's 1811.21 & 1811.22	Maintenance	0.75
RG15	181057	Regional	Exempt	A11	Durable Pavement Markings Set-Aside	Other PIN's: 1810.65, 1810.98, 1810.99 & 1811.00	Maintenance	10.5
RG23	181118	Regional	Exempt	D2	Traffic Signal Set-Aside for State Roads	Other PIN's: 1811.16	Capital	1.15
RG29	175563	Regional	Exempt	K1	CDTC Project Development Support	CDTC staff continues to support NYSDOT Region 1 in developing traffic forecasts and other material for project development and design purposes, including traffic diversion analysis for construction work. This effort is funded with Surface Transportation Program (STP) funds as part of the TIP. (UPWP task 5.61).	Maintenance	0.675
RG37	180661	Regional	Exempt	A7	HELP Program	DOT's Highway Emergency Local Patrol program assists stranded motorists on selected portions of interstate roads in the Capital District.	Capital	3
RG37A	181046	Regional	Exempt	A7	TMC Operating Costs	Personnel, operations contracts, repairs equipping a new TMC building, and other recurring costs.	Capital	5
RG37B	181051	Regional	Exempt	A7	TMC Engineering Support	Related to RG37, RG37A & RG37C. Other PINs: 1810.71, 1811.02, 1811.03, 1811.04	Capital	3.75
RG37C	180950	Regional	Exempt	A7	TMC ITS Set-Aside	Related to RG37, RG37A & RG37B.	Capital	0.75
S204	175895	Schenectady	Exempt	A19	Kings Road (CR 65) over CSX: Bridge Replacement	Includes shoulders for bikes.	Maintenance	5.32
S238	181026	Glennville	Exempt	A19	NY 911F (Freemans Bridge) over the Mohawk River/Erie Canal, Broadway from 0.12 miles south of Weaver St. to Fourth Street Mill and Fill	BIN 4050330	Maintenance	3.1
S242	176042	Schenectady	Exempt	A10	Mill and Fill	Mill and fill Broadway to maintain an important link in the vehicular, transit, pedestrian and bicycle network within the urban center of Schenectady. Includes upgrading 8 crossings to ADA guidelines	Maintenance	1.089
S243	176043	Rotterdam	Exempt	C2	Mohawk-Hudson Bike-Hike Trail Rehabilitation	Shared jurisdiction: County, Town of Rotterdam & NYSOGS	Capital	0.196
S244	176044	Rotterdam	Exempt	A10	Highbridge Road & East Campbell Road: Hot In-Place Recycling	Highbridge Road (CR 48) and East Campbell Road (CR 67) from Kings Road to Hamburg Street	Maintenance	1.226
S249	176060	Niskayuna	Exempt	D1	Nott Street/Balltown Road Intersection: Safety Improvements	Redesign intersection with new turn lane. Includes mill and fill of Nott Street from Balltown Road to Clifton Park Road	Capital	1.353
S251	193347	Scotia	Exempt	A8	Air National Guard Road: Grade Crossing Signal Upgrade	Installation of Automatic Gates, Flashing Lights and Pavement Repair	Capital	0.295
S252	193348	Glennville	Exempt	A8	Van Buren Lane: Grade Crossing Signal Upgrade	Installation of Automatic Gates, Flashing Lights and Pavement Repair	Capital	0.285
S253	193352	Scotia	Exempt	A8	Sacadaga Road (NY 147) Grade Crossing Signal Upgrade	Installation of Automatic Gates, Flashing Lights, and Adjacent Pavement Repair	Capital	0.36
S254	193353	Scotia	Exempt	A8	Vley Road Grade Crossing Signal Upgrade	Installation of Automatic Gates, Flashing Lights, and Adjacent Pavement Repair	Capital	0.36
S255	193354	Glennville	Exempt	A8	Freeman's Bridge Road (NY 911F) Grade Crossing Signal Upgrade	Installation of Automatic Gates, Flashing Lights, and Adjacent Pavement Repair	Capital	0.295
S256	193356	Rotterdam	Exempt	A8	Lower Gregg Road Grade Crossing Signal Upgrade	Installation of Automatic Gates, Flashing Lights, and Adjacent Pavement Repair	Capital	0.3
S257	176095	Schenectady	Exempt	C2	City of Schenectady Pedestrian Safety Action Plan	Pedestrian safety improvements at: 10 signalized intersections	Capital	0.875
S258	176118	Schenectady	Exempt	A19	Francis Ave. Over I-890: Bridge Repair or Replace	BIN 2203080	Maintenance	2.933
S259	Cand16	Schenectady	Exempt	A10	Craig Street, Albany Street to Wylie Street: Mill & Fill	Includes select full depth repairs	Maintenance	0.785
S260	Cand52	Duanesburg	Exempt	A19	US 20 Over Schoharie Creek: Element Specific Repairs	Includes ADA upgrades to curb ramps and sidewalks	Maintenance	2.788
S261	Cand70	Rotterdam	Exempt	A10	Guilderland Avenue, Curry Road (NY 7) to the Schenectady City Line	Cold mill the existing hot mix asphalt surface and then place a 2 inch thick hot mix asphalt top. course. Add 8 curb ramp nodes at all the Town intersections within the project limits, add approximately 100 feet of sidewalk and concrete curbing in front of the Bellevue Gospel Chapel, improve the two existing curb ramps at the Curry Road/Guilderland Avenue.	Maintenance	0.375
S262	Cand71	Rotterdam	Exempt	A10	Helderberg Avenue, Curry Road (NY 7) to Schenectady City Line	Cold mill the existing travel lanes and shoulders and replace with a 2 inch asphalt overlay, replace approximately 650 linear feet of 4 foot wide asphalt sidewalk with 5 foot wide concrete sidewalk, install approximately 200 feet of new sidewalk, repair an additional 100 linear feet of sidewalk, install 28 ADA curb ramps, improve the pavement markings as well as update current signage where needed.	Maintenance	0.718
S263	Cand98	Scotia	Exempt	A19	Sunnyside Road Bridge: Rehabilitation	Repair concrete piers, cap beams, and steel structural members; replace steel bearings and deck including railings, bike lanes, and sidewalk on south side	Maintenance	4.798
S264	Cand32	Schenectady	Exempt	A19	I-890 over Erie Blvd and Broadway: Element Specific Repairs	BIN 1049921 & BIN 1049922	Maintenance	13.32
S265	Cand86	Glennville	Exempt	C2	Freemans Bridge Road Multi-Use Path	Construct a 4,800 foot long and 10 foot wide protected multi-use path with 3 new crosswalks	Capital	1.784
S266	Cand17	Schenectady	Exempt	C2	Franklin Street Cycle Track	Install a protected two-way cycle track on Franklin Street from Nott Terrace to Jay Street.	Capital	0.52
SA297	176046	Clifton Park	Exempt	A19	Ashdown Rd. Bridge over the DHRR: Replacement	BIN 2202570	Maintenance	1.68
SA302	176056	Providence	Exempt	A19	Replacement	BIN 3304740	Maintenance	1.08

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TIP #	PIN	Municipality	AQ	Exempt Code	Project Name	Description	STIP Type	Total Cost (\$M)
SA306	176082	Clifton Park	Exempt C2		Moe Road Multi-Use Path	This project will close an existing gap on the Moe Road Multi-Use Path by constructing an extension that will connect Okte Elementary School to the intersection with Sugarbush Road.	Capital	0.883
SA308	193345	Clifton Park	Exempt A8		Ashdown Road Grade Crossing Signal Upgrade	Installation of Automatic Gates, Flashing Lights and Pavement Repair	Capital	0.29
SA309	193346	Clifton Park	Exempt A8		Blue Barns Road (CR 110) Pan AM Railways Grade Crossing	Installation of Automatic Gates, Flashing Lights and Pavement Repair	Capital	0.365
SA311	193355	Corinth (V)	Exempt A8		NY 9N Grade Crossing Signal Upgrade	Installation of Automatic Gates, Flashing Lights, and Adjacent Pavement Repair	Capital	0.45
SA312	176093	Clifton Park	Exempt C2		Clifton Park Pedestrian Safety Action Plan	Pedestrian safety improvements at: 3 uncontrolled crosswalks & 5 signalized intersections	Capital	0.405
SA313	176120	Providence	Exempt A19		Hans Creek Rd over Hans Creek: Bridge Repair or Replace	BIN 2202820	Maintenance	0.61
SA314	176122	Edinburg	Exempt A19		Fox Hill Rd over Little Hans Creek: Bridge Repair or Replace	BIN 2202670	Maintenance	0.625
SA315	Canad26	Multiple	Exempt A10		I-87 Resurfacing Exits 13-15: Resurfacing	For evaluation purposes, assume a Single Course overlay or a Single Course Mill and Fill. Isolated repairs will be incorporated to address areas of deeper distress. Median widths will be reviewed and any clear median less than 72' will have guiderail installed to prevent crossover accidents per update NYSDOT design guidelines for divided highways.	Maintenance	4.37
SA316	Canad27	Wilton	Exempt A10		I-87 Resurfacing Exits 15-16: Resurfacing	For evaluation purposes, assume a Single Course overlay or a Single Course Mill and Fill. Isolated repairs will be incorporated to address areas of deeper distress. Median widths will be reviewed and any clear median less than 72' will have guiderail installed to prevent crossover accidents per update NYSDOT design guidelines for divided highways.	Maintenance	4.37
SA317	Canad64	Halmoon	Exempt A19		Coons Crossing Road over Anthony Kill: Bridge Replacement	BIN 2202750	Maintenance	1.375
SA318	Canad66	Ballston	Exempt A19		Lasher Road Bridge over Mourning Kill: Element Specific Repairs	BIN 3304700	Maintenance	0.851
SA319	Canad44	Clifton Park	Exempt A6		NY 146 Safety Project	Project will address a high accident location. The project limits are Route 146 from Tallow Wood Drive to Plank Road. Reconstruct the intersection and rebuild the signal. Additional safety benefits would accrue from improved pedestrian accommodations, resurfacing and restriping the entire corridor. The project will incorporate ADA compliant pedestrian features. At a minimum, standard shoulder widths meeting current NYSDOT Standards will be installed	Capital	4.849
SA320	Canad24	Wilton	Exempt A10		I-87 Exit 16 to CDTC Planning Area Boundary: Resurfacing	For evaluation purposes, assume a Single Course overlay or a Single Course Mill and Fill. Isolated repairs will be incorporated to address areas of deeper distress. Median widths will be reviewed and any clear median less than 72' will have guiderail installed to prevent crossover accidents per update NYSDOT design guidelines for divided highways.	Maintenance	2.097
SA321	Canad25	Multiple	Exempt A10		I-87 Resurfacing Exits 11-13: Resurfacing	For evaluation purposes, assume a Single Course overlay or a Single Course Mill and Fill. Isolated repairs will be incorporated to address areas of deeper distress. Median widths will be reviewed and any clear median less than 72' will have guiderail installed to prevent crossover accidents per update NYSDOT design guidelines for divided highways. In addition, portions of this project have been identified as wet PIL locations and the resurfacing project will reduce this type of accident.	Maintenance	4.37
SA322	Canad15	Saratoga Sprin	Exempt C2		Saratoga Springs Sidewalk Missing Links Program	Add concrete sidewalk, ADA crosswalks, amenities and some curbing and drainage in several locations.	Capital	1.9
SA323	Canad79	Clifton Park	Exempt C2		NY 146 and NY 146A Bicycle and Pedestrian and Bicycle Access	1) 10-foot wide multi-use path 2) new curbing and sidewalk on the north side of NY 146 3) 10-foot wide paved multi-use path on east side of Vischer Ferry Rd (CR 90) 4) bicycle symbols on the shoulders on the N & S sides	Capital	1.319
T11	182118	Regional	Exempt B8		Passenger Facility Improvements at Various Locations	Improvements and additions to passenger amenities, including repair, upgrade and replacement of bus shelters and bus stop signage.	Capital	0.937
T14B	CDTC08	Saratoga Sprin	Exempt B1		Transit Operations Support for Saratoga Service: Preventive	Section 5307-S funds are allocated for transit (capital or operating) use in Saratoga Springs due to its small urban area status. Match on Operating Assistance is 50%.	Operating	7.312
T16	182180	Regional	Exempt B2		Transit Support Vehicles	Replacement of non-revenue support vehicles for supervisory and maintenance use.	Capital	1.04
T17	182048	Regional	Exempt B10		Transit Bus Replacement/Expansion	Purchase or lease transit buses in a manner to maintain existing fixed-route service levels.	Capital	13.86
T57	1TR604	Regional	Exempt B3		Preventive Maintenance	Ongoing activities to maintain capital assets to ensure bus fleet and other capital items operate efficiently throughout their useful lives.	Capital	73.65
T6A	182401	Regional	Exempt B10		Enhanced Mobility of Seniors and Individuals with Disabilities	Section 5310 mobility management and other capital projects, including vehicles, that improve access and mobility for seniors and individuals with disabilities. Operating and administrative costs are also eligible under this program.	Capital	2.7
T6B	182037	Regional	Exempt B10		STAR Buses Replacement and Expansion	Replacement of STAR (Special Transit Service Available by Request) custom vehicles for paratransit use.	Capital	3.751
T77	CDTC20	Regional	Exempt B10		Capital Cost of Contracting for Commuter Service in the Capital District	The sub-recipient for funds is currently Adirondack Trailways	Capital	3
T9		Regional	Exempt B8		Facility Improvements Renovation of bus washers.	Renovation of bus washers.	Capital	0.45