



SARATOGA COUNTY PLANNING DEPARTMENT

JASON KEMPER
DIRECTOR

TOM L. LEWIS
COUNTY PLANNING BOARD
CHAIRMAN

March 29, 2016

Michael Franchini, Executive Director
Capital District Transportation Committee
One Park Place
Albany, NY 12205-2676

Re: Draft 2016-21 TIP Update

Dear Mr. Franchini:

At the March 2, 2016 meeting of CDTC's Planning Committee members undertook the final draft update of the 2016-21 Transportation Improvement Program prior to it going out for public comment. As part of that day's discussions I represented Saratoga County's efforts toward approval of the Zim Smith Southern Trail Extension (identified as Project #97 on Page 9, listed under the Bicycle and Pedestrian Beyond Preservation Projects). Of the eleven bike/ped projects considered for funding, the Zim Smith Trail Southern Extension (ZST) merit ranking placed it second behind DOT's Menands project. With a Federal Aid cost of \$3.884M (2nd only to the DOT project cost), the ZST B/C ranked at 10 of 11 and dropped the project from Committee consideration for federal aid funding. It was only going to be through some means of offsetting costs (even after the County has provided funds for Design and ROW) that the merits of the project would bring about further consideration.

In the course of the meeting, therefore, I communicated with the county's DPW representative and others to determine if there were any bridge projects for which funding could be put off or if I could swap out any of the county's approved projects to use funding toward the ZST project. In the course of these discussions I understood there to be two highly ranked and approved projects (a culvert project and a rehab/replacement) whose funds we could swap out toward the costs of the Trail project. Discussion between me and another county representative during the meeting also led to a third highly ranked and approved project being swapped out, with a determination that Saratoga County would work out its future funding.

3 DPW Projects to Swap Out Toward ZST Funding

1. BIN 3304740 ID# 86, p.7 - Bridge BP (county bridge replacement)
CR# 13 (Barkersville Rd. over Cadman Creek)
\$0.891M – STP Off System, Bridge
2. BIN 3304520 ID# 95, p.7 – Bridge BP (county bridge rehab/repl)

Heath Rd. over Sturdevant Creek
\$1.108M – STP Off System, Bridge

3. ID# 96, p.10 – Culvert Project
Middle Line Road over Gordon Creek
\$0.908M – STP Flex Urban

This potential swap-out made \$2.907M available toward funding of the Zim Smith Bike/Ped BP project cost of \$3.884M (found as ID# 97, p. 9) and left a \$0.977M shortfall which Saratoga County determined it would fund through county revenues and/or other grant sources. By resolution, Committee members authorized rescinding the bridge funding approvals for the three bridge projects noted above. That rescission made funds available for Committee re-consideration and eventual approval of the Zim Smith Southern Trail Extension project.

Subsequent to that day's meeting I met with Saratoga County DPW and learned that I erred and that the Department did not intend to give up CDTC approval of the Barkersville Road (CR# 13) bridge replacement project (#86, p. 7). On behalf of Saratoga County I am requesting that at the Planning Committee's April 6th meeting approval is granted to amend the TIP approved for public comment on March 2nd in the following manner:

1. Reinstatement of the previous approval and funding of \$0.891M in STP Off System Bridge funding for ID# 86, p. 7 listed under Bridge Beyond Preservation Projects, and
2. Amend the approval of the Zim Smith Southern Trail Extension to reflect funding of the \$3.884M project cost to come from the \$2.016M federal aid funding for the 2 swapped out bridge projects (ID# 95 and 96) plus \$1.868M in County funds.

As asserted by DOT representatives at the March 2nd meeting in regard to the fund source for the above bridge (STP Off System Bridge), there are other monies, other fund sources available to the Department, by which it can capably meet the need if a change in fund source is required.



Michael Valentine, Senior Planner
Authorized Agent for Saratoga County

xc.
Thomas Speziale, Sar. Co. DPW Deputy Dir.
Frank Bonafide, NYS DOT
Thomas Richardson, Sar. Co. Supervisor

Capital District
Transportation Committee

September 17, 2013

**Capital District Transportation Committee
Proposal for Incentive to Start Preliminary Engineering**

In order to encourage project implementation and completion, CDTC staff is proposing that TIP projects, whose preliminary engineering (PE) funds are not obligated in the federal fiscal year (FFY) in which they are programmed, be removed from the TIP. This would ensure that projects would not linger on the program indefinitely.

The following points clarify some of the reasoning behind this proposal:

- 1) The expectation is that once PE funds are obligated, the project would be progressed.
- 2) It is also anticipated that it is not a burden on the sponsor to obligate PE funds in the FFY in which they are programmed, or the sponsor would've requested those funds in a different FFY. Therefore, sponsors should take care to make sure the PE funds are programmed in the appropriate FFY.
- 3) If federal funds are obligated and the project is not advanced sufficiently in the next ten years, the sponsor could be required to pay back the federal-aid as per FHWA guidelines.

The following would help govern the policy:

- 1) If a project is removed from the TIP in this fashion, the funding returns to wherever it came from (for example, a regional set-aside or the general pot of funds). The project would then have no status.
- 2) Planning Committee action would be required to change the schedule of the first PE phase for any project, via project amendment request. Approval of such a request would essentially grant an extension. Project selection guidelines would be amended to reflect this. It should be expected that the normal standards for approving this amendment would be greater than that of routine amendments, or this policy would be less effectual.
- 3) Removal of the project is automatic and does not require subsequent action from the Planning Committee or Policy Board.
- 4) The deadline for an extension to the preliminary engineering schedule is inclusion in the mail-out for the November Planning Committee meeting following the close of the FFY. This gives sponsors two meetings after the close of the FFY to request an extension. An extension can also be sought prior to the close of the FFY. Automatic removal of projects not receiving an extension will occur shortly after the November meeting.
- 5) This policy applies to all project sponsors, and that for this policy, the project sponsor is also the project implementer.
- 6) This policy could apply to projects added after the policy is approved, or it can be applied to all projects on the TIP, since action to approve this policy could be taken at the very beginning of the 2013-18 TIP. If approved, the Planning Committee would need to clarify which projects the policy pertains to.

DRAFT

**2016-21 TRANSPORTATION IMPROVEMENT
PROGRAM (TIP)
DRAFT PROJECT LISTINGS
FOR PUBLIC REVIEW**

March 30, 2016

Table 1
Capital District Transportation Committee
Transportation Improvement Program
Obligations by Fund Source By Program Year (2016-21)
(In Matched Millions of Dollars)

Fund Source	Estimated Available 5-Year	5-Year Total	Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	Post 2021
National Hwy Performance Program	162.185	142.092	9.105	44.832	24.863	31.640	15.670	25.087	34.704
STP Flexible	65.670	71.091	6.384	11.106	23.569	19.191	8.073	9.152	43.118
STP Urban	49.792	46.358	15.236	11.954	9.137	14.181	5.606	5.480	0
HSIP Rail	0	0	0.315	0	0	0	0	0	0
HSIP Safety	13.682	1.665	0.206	0.333	0.333	0.333	0.333	0.333	5.210
HSIP Safety Statewide	5.000	5.000	0	5.000	0	0	0	0	0
STP Enhancements	1.160	1.160	0.412	1.160	0	0	0	0	0
STP NFA Bridges	5.197	6.570	1.679	2.950	1.684	1.936	0	0	0.721
Federal Demonstration	0	0	5.900	0	0	0	0	0	0
Transportation Alternatives Program	3.122	3.122	2.255	3.122	0	0	0	0	0
Section 5339	7.246	7.246	1.430	1.483	1.385	1.427	1.462	1.489	0
Section 5307	73.961	73.961	12.653	14.227	14.486	14.773	15.080	15.395	0
Section 5307 Associated Transit Imp.	1.000	1.000	0.149	0.200	0.200	0.200	0.200	0.200	0
Section 5307 For Saratoga Springs	6.649	6.649	1.214	1.280	1.303	1.328	1.355	1.383	0
Section 5310	2.700	2.700	0.658	0.540	0.540	0.540	0.540	0.540	0
Subtotal (Federal Including Match)	397.364	368.614	57.596	98.187	77.500	85.549	48.319	59.059	83.753

All federal-aid funds include any required non-federal share, usually 10% or 20%. The State provides the non-federal share for all projects under state jurisdiction. For projects not under state jurisdiction, the 20% match may be required from the agency of jurisdiction. However, the State has traditionally supplied 3/4 of the non-federal share for most non-state highway projects through Marchiselli funds and 1/2 of the non-federal share of most transit projects. Funding shown as 'Local' is beyond that required to match federal funds.

* If funding availability was unknown at the TIP update, it was assumed to be equal to the five-year total.

Table 1 (Continued)

Fund Source	Estimated Available 5-Year	5-Year Total	Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	Post 2021
State Dedicated Fund	0.310	0.310	0.275	0	0.310	0	0	0	0
Local Funds	2.546	2.546	4.363	1.569	0.977	0	0	0	2.835
Subtotal (Other State and Local)	2.856	2.856	4.638	1.569	1.287	0	0	0	2.835
Total	400.220	371.470	62.234	99.756	78.787	85.549	48.319	59.059	86.588

All federal-aid funds include any required non-federal share, usually 10% or 20%. The State provides the non-federal share for all projects under state jurisdiction. For projects not under state jurisdiction, the 20% match may be required from the agency of jurisdiction. However, the State has traditionally supplied 3/4 of the non-federal share for most non-state highway projects through Marchetti funds and 1/2 of the non-federal share of most transit projects. Funding shown as 'Local' is beyond that required to match federal funds.

* If funding availability was unknown at the TIP update, it was assumed to be equal to the five-year total.

Table 2

Capital District Transportation Committee
Transportation Improvement Program
Five-Year Obligations By Fund Source By Project Type (2016-21)
(In Matched Millions of Dollars)

Fund Source	Highway Projects					Transit Projects					Grand Total	
	Capacity Impr'ment	Bridge Infrastr.	Pavement Infrastr.	HWY Infra & Cap.	Other Highway	Total Highway	Operating Assist.	Capital (Facil.)	Capital (Vehicle)	Other Transit		Total Transit
National Hwy Performance Program	14.605	69.602	41.868	0	8.330	134.405	0	0	0	7.687	7.687	142.092
STP Flexible	11.125	21.904	18.062	0	9.187	60.278	0	0	0	10.813	10.813	71.091
STP Urban	1.247	14.343	23.640	0	7.128	46.358	0	0	0	0	0	46.358
HSIP Safety	0	0	1.665	0	0	1.665	0	0	0	0	0	1.665
HSIP Safety Statewide	5.000	0	0	0	0	5.000	0	0	0	0	0	5.000
STP Enhancements	0	0	0	0	1.160	1.160	0	0	0	0	0	1.160
STP NFA Bridges	0	6.570	0	0	0	6.570	0	0	0	0	0	6.570
State Dedicated Fund	0	0	0.310	0	0	0.310	0	0	0	0	0	0.310
Local Funds	0	0	0	0	2.546	2.546	0	0	0	0	0	2.546
Transportation Alternatives Program	0	0	0	0	3.122	3.122	0	0	0	0	0	3.122
Section 5339	0	0	0	0	0	0	0	0	7.246	0	7.246	7.246
Section 5307	0	0	0	0	0	0	0	1.000	72.961	0	73.961	73.961
Section 5307 Associated Transit Imp.	0	0	0	0	0	0	0	1.000	0	0	1.000	1.000
Section 5307 For Saratoga Springs	0	0	0	0	0	0	6.649	0	0	0	6.649	6.649
Section 5310	0	0	0	0	0	0	0	0	2.700	0	2.700	2.700
Total	31.977	112.419	85.545	0	31.473	261.414	6.649	2.000	82.907	18.500	110.056	371.470

Table 3

Capital District Transportation Committee
Transportation Improvement Program
Cost Summaries by County (2016-21)
(In Matched Millions of Dollars)

Federally Funded Projects	Commit't'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	Post 2021	Total 2016-21
Regional	0.136	26.947	26.947	26.947	26.947	26.947	0	134.735
Transit	19.648	19.530	17.914	18.268	18.637	19.007	0	93.356
Albany County	9.956	14.388	13.046	23.194	0.080	0.667	67.189	51.375
Rensselaer County	5.271	2.061	13.534	11.435	1.242	12.438	10.334	40.710
Saratoga County	2.776	18.120	3.809	0.150	1.413	0	6.050	23.492
Schenectady County	19.809	17.141	2.250	5.555	0	0	0.180	24.946
Totals	57.596	98.187	77.500	85.549	48.319	59.059	83.753	368.614

All Fund Sources	Commit't'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	Post 2021	Total 2016-21
Regional	0.136	26.947	26.947	26.947	26.947	26.947	0	134.735
Transit	19.698	19.530	17.914	18.268	18.637	19.007	0	93.356
Albany County	9.986	15.858	13.356	23.194	0.080	0.667	70.024	53.155
Rensselaer County	5.271	2.061	13.534	11.435	1.242	12.438	10.334	40.710
Saratoga County	2.779	18.219	4.786	0.150	1.413	0	6.050	24.568
Schenectady County	24.364	17.141	2.250	5.555	0	0	0.180	24.946
Totals	62.234	99.756	78.787	85.549	48.319	59.059	86.588	371.470

NOTE: Totals may not sum due to rounding.

Table 4
Capital District Transportation Committee
Transportation Improvement Program
Fiscal Constraint By Fund Source By Program Year (2016-20)
(In Matched Millions of Dollars)

Fund Source	1st Year: 2016-17		2nd Year: 2017-18		3rd Year: 2018-19		4rd Year: 2019-20		Total: 2016-20	
	Budget Estimate	Program Capacity	Budget Estimate	Program Capacity	Budget Estimate	Program Capacity	Budget Estimate	Program Capacity	Budget Estimate	Program Capacity
National Hwy Performance Program	32.432	-12.400	32.432	7.569	32.432	0.792	32.445	16.775	129.741	12.736
STP Flexible	15.027	3.921	15.027	-8.542	15.027	-4.164	10.295	2.222	55.376	-6.563
STP Urban	10.877	-1.077	10.877	1.740	10.877	-3.304	8.580	2.974	41.211	0.333
HSIP Safety	2.831	2.498	2.831	2.498	2.831	2.498	2.595	2.262	11.088	9.756
STP NFA Bridges	1.146	-1.804	1.146	-0.538	1.146	-0.790	0.880	0.880	4.318	-2.252
Total	62.313	-8.862	62.313	2.727	62.313	-4.968	54.795	25.113	241.734	14.010

The 'Budget Estimate' is the amount of authorized federal funds (including match), including carryover funds from the period prior to 2016-17. 'Program Capacity' is the difference between the amount available and the amount programmed. Negative numbers indicate overprogramming. The fiscal constraint data above is shown only for the years and federal fund sources for which it applies. Amounts available are based upon the historic Capital District shares of amounts allocated to NYSDOT Region 1.

Table 4A
Capital District Transportation Committee
Transportation Improvement Program
Fiscal Constraint By Fund Source By Program Year (2020-21)
(In Matched Millions of Dollars)

Fund Source	5th Year: 2020-21		Total: 2016-21	
	Budget Estimate	Program Capacity	Budget Estimate	Program Capacity
National Hwy Performance Program				
STP Flexible	32.445	7.358	162.186	20.094
STP Urban	10.295	1.143	65.671	-5.420
HSIP Safety	8.580	3.100	49.791	3.433
STP NFA Bridges	2.595	2.262	13.683	12.018
	0.880	0.880	5.198	-1.372
Total	54.795	14.743	296.529	28.753

The 'Budget Estimate' is the amount of authorized federal funds (including match), including carryover funds from the period prior to 2016-17. 'Program Capacity' is the difference between the amount available and the amount programmed. Negative numbers indicate overprogramming. The fiscal constraint data above is shown only for the years and federal fund sources for which it applies. Amounts available are based upon the historic Capital District shares of amounts allocated to NYSDOT Region 1.

Miscellaneous Information
03-30-2016, 9:41 AM
Capital District Transportation Committee
Transportation Improvement Program

Number of Projects in Listings: 131

Six-Year TIP:

Number of Projects: 117
Total Dollars: 433.704 M

Five-Year TIP:

Number of Projects: 87
Total Dollars: 371.470 M
Highway Dollars: 279.914 M
Transit Dollars: 91.556 M
Airport Dollars: 0.000 M
Dollars % Highway: 75
Dollars % Transit: 25
Dollars % Airport: 0
Con. & Sup. Dollars: 252.863 M
Engineering Dollars: 26.658 M
ROW Dollars: 0.343 M

First Year:

Number of Projects: 67
Total Dollars: 99.756 M
Highway Dollars: 82.026 M
Transit Dollars: 17.730 M
Airport Dollars: 0.000 M
Dollars % Highway: 82
Dollars % Transit: 18
Dollars % Airport: 0

Committed:

Number of Projects: 59
Total Dollars: 62.234 M

First Year Splits For Federal Sources (Assumes No Exceptions):

Federal Funds: 78.550 M
State Funds: 1.719 M
Local Funds: 17.918 M
Total Funds: 98.187 M

Table 5 (Continued) Page 4

TIP #			Project Description	Fund Source	5-Year Total	Program Years (Federal Fiscal Years)							Other Notes
PIN or ID#	First TIP	Proj. Type				Phase	Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	
RG132		Rustic Rail Replacement	STP-Flex		0.290		.058 C	.058 C	.058 C	.058 C	.058 C		Res. Agency: NYSDOT Func. Class.: NA Plan Ref.: NV No EIS Required AQ Status: Exempt
1809.96			Total		0.290		.058	.058	.058	.058	.058		
2016-21			Construction		0.290		.058	.058	.058	.058	.058		
Safety		Multiple, State											
RG133		Guiderail Replacement	STP-Flex		1.005		.201 C	.201 C	.201 C	.201 C	.201 C		Res. Agency: NYSDOT Func. Class.: NA Plan Ref.: NV No EIS Required AQ Status: Exempt
1810.03			Total		1.005		.201	.201	.201	.201	.201		
2016-21			Construction		1.005		.201	.201	.201	.201	.201		
Safety		Multiple, State											
RG134		State Bridge Miscellaneous Preservation Set-Aside	NHPP STP-Flex STP-Urb.		14.625 2.500 6.250		2.925 C .500 C 1.250 C	2.925 C .500 C 1.250 C	2.925 C .500 C 1.250 C	2.925 C .500 C 1.250 C	2.925 C .500 C 1.250 C		Res. Agency: NYSDOT Func. Class.: NA Plan Ref.: NV No EIS Required AQ Status: Exempt
		This includes such things as bridge painting and washing and is for bundling work for several bridges.	Total		23.375		4.675	4.675	4.675	4.675	4.675		
2016-21			Construction		23.375		4.675	4.675	4.675	4.675	4.675		
BridgeMisc		Multiple, State											
RG135		State Culvert Replacements Set-Aside	NHPP STP-Flex		4.125 0.470		.825 C .094 C	.825 C .094 C	.825 C .094 C	.825 C .094 C	.825 C .094 C		Res. Agency: NYSDOT Func. Class.: NA Plan Ref.: NV No EIS Required AQ Status: Exempt
			Total		4.595		.919	.919	.919	.919	.919		
2016-21			Construction		4.595		.919	.919	.919	.919	.919		
BridgeMisc		Multiple, State											

Table 5 (Continued) Page 5

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Table 5 (Continued) Page 8

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Table 5 (Continued) Page 9

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Table 5 (Continued) Page 11

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Table 5 (Continued) Page 12

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Table 5 (Continued) Page 15

TIP #	Project Description	Fund Source	5-Year Total	Program Years (Federal Fiscal Years)						Other Notes
PIN or ID#				Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	Post 2021
First TIP		Phase								
Proj. Type	Municipality, Jurisdiction, Length									
A553	Albany Shaker Road/Dalessandro Boulevard (CR 151), from just north of Old Wolf Road to 350 feet south of Watervliet Shaker Road: Resurfacing	NHPP NHPP NHPP		.080 P .080 D .908 C						
	Includes replacement of traffic signal inductance loops	Total		1.068						
1759.78	This project was funded as a drawdown on RG125.	Prelim. Des. Detailed Des Construction		.080 .080 .908						
2013-18										
Resurface	Colonie (T), County, 1.59 c/m									
A554	Ten Broeck Street from Clinton Avenue & Livingston Avenue: Mill & Fill	STP-Urb.		.434 C						
	Includes sharrows, ADA ramps & some sidewalk & curbs	Total		.434						
1759.79	This project was funded as a drawdown on RG125.	Construction		.434						
2013-18										
R&P	Albany, City, 0.28 c/m									
A555	Cardinal Avenue from New Scotland Avenue to Whitehall Road: Mill & Fill	STP-Urb.		.414 C						
	Includes ADA ramps & cross-walks	Total		.414						
1759.80	This project was funded as a drawdown on RG125.	Construction		.414						
2013-18										
R&P	Albany, City, 0.58 c/m									

Res. Agency: County
Func. Class.:
Plan Ref.: NV
No EIS Required
AQ Status: Exempt

Res. Agency: City
Func. Class.:
Plan Ref.: NV
No EIS Required
AQ Status: Exempt

Res. Agency: City
Func. Class.:
Plan Ref.: NV
No EIS Required
AQ Status: Exempt

Table 5 (Continued) Page 18

TIP #	Project Description				Program Years (Federal Fiscal Years)						
PIN or ID#			Fund Source	5-Year Total	Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	Post 2021
First TIP			Phase								
Proj. Type	Municipality, Jurisdiction, Length										
A569	NY 377 and NY 378: Mill & Fill		STP-Flex	1.354	.072 P	1.282 C					
	NY 377: Van Rensselaer Blvd to NY 378		STP-Flex			.072 D					
	NY 378: NY 377 to US 9		Total	1.354	.072	1.354					
2016-21	The project will incorporate a Road Diet on NY 377 & 7 ADA ramps		Construction Prelim. Des.	1.282	.072	1.282					
R&P	Multiple, State, 2.27 cl-mi		Detailed Des	0.072		.072					
A570	I-787 Pavement Joint Preservation		NHPP NHPP	2.313		.115 P	2.083 C				
	Roughly between Exit 4B and the Town of Colonie/City of Cohoes line. Will repair longitudinal joints & includes isolated repairs for areas of deeper distress.		Total	2.313		.230	2.083				
2016-21	Multiple, State, 7.11 cl-mi		Prelim. Des. Construction	0.115		.115	2.083				
R&P			Detailed Des	0.115		.115					
A571	Krumkill Road from Font Grove Road (CR 306) to the Normanskill: Cold in Place Recycling		STP-Flex STP-Flex	0.352		.018 P	.316 C				
	Includes 200 ft of structural repairs		Total	0.352		.036	.316				
2016-21	New Scotland, Town, .85 cl-mi		Prelim. Des. Construction	0.018		.018	.316				
R&P			Detailed Des	0.018		.018					
A572	I-787 NB Ramp over the SME to the SME WB Element Specific Repairs		NHPP	9.039		.450 P	.450 D	8.139 C			
	BIN 109299		Total	9.039		.450	.450	8.139			
2016-21	Albany, State		Prelim. Des. Detailed Des	0.450		.450	.450				
Bridge R/R			Construction	8.139				8.139			

Table 5 (Continued) Page 20

TIP # PIN or ID# First TIP	Project Description	Fund Source Phase	5-Year Total	Program Years (Federal Fiscal Years)							Other Notes
				Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	Post 2021	
A577	Municipality, Jurisdiction, Length Voorheesville Pedestrian Connectivity Installation of sidewalks on Altamont Rd. (NY 156), Maple Ave. (NY 85A), and Voorheesville Ave. (CR 306) Includes several pedestrian amenities Jurisdiction is both State and County	STP-Urb.	0.827				.080 P	.080 D	.667 C		Res. Agency: Village Func. Class.: Mult Plan Ref.: NV No EIS Required AQ Status: Exempt
		Total	0.827				.080	.080	.667		
		Prelim. Des. Detailed Des Construction	0.080 0.080 0.667				.080	.080	.667		
2016-21											
Bike/Ped	Voorheesville, Multiple, 5400 ft										
A578	NY 32 (3rd Ave.) from 1st St. (South City Line) to Broadway: Mill & Fill	STP-Urb.	0.617	.032 P	.032 D	.585 C					Res. Agency: Watervliet Func. Class.: UmlA Plan Ref.: NV No EIS Required AQ Status: Exempt
	Inlcudes ADA ramps, markings and signage	Total	0.617	.032	.032	.585					
	This is a shared jurisdiction between Watervliet and NY State	Prelim. Des. Detailed Des Construction	0.032 0.585	.032	.032	.585					
2016-21											
R&P	Watervliet, Multiple, .72 cl-mi										
A579	Watervliet Bike Path	STP-Urb. STP-Urb.	0.505			.025 D .025 P	.455 C				Res. Agency: City Func. Class.: Mult Plan Ref.: NV No EIS Required AQ Status: Exempt
	From the northern terminus of the Mohawk-Hudson Bike Trail northerly on Broadway to 23rd St. in Watervliet, ending at the Hudson Shores Park.	Total	0.505			.050	.455				
2016-21		Detailed Des Construction	0.025 0.455			.025	.455				
Bike/Ped	Watervliet, City, 9800 ft	Prelim. Des.	0.025			.025	.455				

[illegible]

TIP #		Project Description	Fund Source	5-Year Total	Program Years (Federal Fiscal Years)						Other Notes	
PIN or ID#	First TIP				Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21		Post 2021
Proj. Type	Municipality, Jurisdiction, Length		Phase									
R278	126th Street/IUS 4 (2nd Avenue) This was programmed as a top candidate for a roundabout. Final design depends on the project design process.	STP-Flex STP-Flex STP-Flex									1.100 C .264 P .011 I	Res. Agency: City Func. Class.: UPA Plan Ref.: NV No EIS Required AQ Status: Exempt
		Total									1.375	
1757.98	The roundabout includes streetscape improvements and crosswalks.	Construction Prelim. Des. ROW Incid.									1.100 .264 .011	
2007-12	Funded via RG103 & was, changed to STP-Flex upon CWAQ termination.											
Traff Op'n	Troy, City, NA											
R287	CR 68 Over Wyanyskill Creek BIN 3303610	STP-Off STP-Off		1.415	.002 I .050 P	.004 R .149 D	1.210 C					Res. Agency: County Func. Class.: Plan Ref.: NV No EIS Required AQ Status: Exempt
1758.15		Total		1.415	.052	.153	1.210					
2007-12		ROW Incid. ROW Acquis'n Construction Prelim. Des. Detailed Des		0.002 0.004 1.210 0.050 0.149	.002	.004	1.210					
Bridge R/R	Poestenkill, County				.050	.149						
R289	CR 114 Over Powamppokonk Creek BIN 3304080	STP-Off STP-Off		0.772	.013 P .002 I	.004 R .027 D	.726 C					Res. Agency: County Func. Class.: Plan Ref.: NV No EIS Required AQ Status: Exempt
1758.14		Total		0.772	.015	.031	.726					
2007-12		Prelim. Des. ROW Acquis'n Construction ROW Incid. Detailed Des		0.013 0.004 0.726 0.002 0.027	.013	.004	.726					
Bridge R/R	Schaghticoke (T), County				.002	.027						

Table 5 (Continued) Page 25

TIP #	PIN or ID#	First TIP	Project Description	Fund Source	5-Year Total	Program Years (Federal Fiscal Years)						Other Notes
						Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	Post 2021
			Municipality, Jurisdiction, Length	Phase								
R297			Plank Road (CR 126) over the Deepkill: Bridge Replacement	STP-Off	0.683		.683 C					
1758.98			Bin: 3303510	Total	0.683		.683					
2010-15			Construction was funded from RG126.	Construction	0.683		.683					
Br.Replace			Pittstown, County									
R298			Preservation of County Bridges	STP-Off	1.660		.080 D .080 P	1.500 C				
			CR 26 over Black Creek (3303840), West Road over Kinderhook Creek (3303780), Black River Road over Black River (2202090), Murdock Road over Tsawassa Creek (2201870), Dunham Hollow Road over Tsawassa Creek (3303870), Dunham Hollow Road over Tsawassa Creek (3303880)	Total	1.660		.160	1.500				
1758.99				Detailed Des Construction Prelim. Des.	0.080 1.500 0.080		.080 .080	1.500				
2010-15			This project was funded from RG126.									
Bridge/Misc			Stephentown, County									
R302			Burden Lake Road (CR 51) from NY 43 to First Dyke Road: Resurfacing	STP-Urb.		.452 C						
			Includes sharrows.	Total		.452						
1759.82			County will do all design and construction supervision and be reimbursed for the latter at 6% of construction cost.	Construction		.452						
2013-18			This project was funded as a drawdown on RG125.									
Resurface			Sand Lake, County, 1.72 c/m									

Res. Agency: County
Func. Class.:
Plan Ref.: NW
No EIS Required
AQ Status: Exempt

Res. Agency: County
Func. Class.:
Plan Ref.: NW
No EIS Required
AQ Status: Exempt

Res. Agency: County
Func. Class.:
Plan Ref.: NW
No EIS Required
AQ Status: Exempt

Table 5 (Continued) Page 27

TIP #	Project Description		Fund Source	5-Year Total	Program Years (Federal Fiscal Years)							Other Notes
PIN or ID#	First TIP	Proj. Type			Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	Post 2021	
R312		Municipality, Jurisdiction, Length	STP-Flex	0.351		.025 P .025 D	.301 C				Res. Agency: County Func. Class.: UMC Plan Ref.: NV No EIS Required AQ Status: Exempt	
		CR 68 (Snyder's Lake Road) Large Culvert Replacement with a Precast Box Culvert	STP-Flex									
		Located between NY 150 and BIN 3303610 (CR 68 over the Wynantskill)	Total	0.351		.050	.301					
2016-21			Prelim. Des. Construction	0.025		.025	.301					
		Detailed Des	Detailed Des	0.025		.025	.301					
BridgeMisc		North Greenbush, County										
R313		NY 2 over NY 22 Bridge: Replacement	STP-Flex	2.791			.135 P	.135 D	2.521 C		Res. Agency: NYSDOT Func. Class.: RmA Plan Ref.: NV No EIS Required AQ Status: Exempt	
		BIN 1000250	Total	2.791			.135	.135	2.521			
2016-21			Prelim. Des. Construction	0.135			.135	.135	2.521			
		Detailed Des	Detailed Des	0.135			.135	.135	2.521			
Br.Replace		Petersburg, State										
R314		CR 129 (Tamarac Road): Replace Large Culvert with an Aluminum Box Culvert	STP-Flex	0.613		.050 P .050 D	.513 C				Res. Agency: County Func. Class.: RMC Plan Ref.: NV No EIS Required AQ Status: Exempt	
		Located between NY 7 and Storm Hill Rd.	Total	0.613		.100	.513					
2016-21			Prelim. Des. Construction	0.050		.050	.513					
		Detailed Des	Detailed Des	0.050		.050	.513					
BridgeMisc		Pittstown, County										
R315		US 9 Bridge over I-90 (Exit 11): Replacement	NHPP	10.917			.500 P	.500 D	9.917 C		Res. Agency: NYSDOT Func. Class.: UPA Plan Ref.: NV No EIS Required AQ Status: Exempt	
		BIN 1092730	Total	10.917			.500	.500	9.917			
2016-21			Prelim. Des. Construction	0.500			.500	.500	9.917			
		Detailed Des	Detailed Des	0.500			.500	.500	9.917			
Br.Replace		Schodack, State										

TIP #	Project Description				Program Years (Federal Fiscal Years)							
PIN or ID#												
First TIP			Fund Source	5-Year Total	Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	Post 2021	
Proj. Type	Municipality, Jurisdiction, Length		Phase									Other Notes
R316	NY 2 Bridge over the Poestenkill: Replacement BIN 1000190		STP-Flex STP-Flex	4.108		.200 P	.200 D .010 I	3.658 C .040 R				Res. Agency: NYSDOT Func. Class.: UPA Plan Ref.: NV No EIS Required AQ Status: Exempt
			Total	4.108		.200	.210	3.698				
			Prelim. Des. Detailed Des Construction ROW Incid. ROW Acquis'n	0.200 0.200 3.658 0.010 0.040		.200	.200					
2016-21								3.658				
Br.Replace	Poestenkill, State							.040				
R317	NY 2 Slope Repair at the intersection with Stewart Rd.		STP-Flex STP-Flex STP-Flex	1.725	.200 P	.100 D .030 I .170 R	1.425 C					Res. Agency: NYSDOT Func. Class.: Mult Plan Ref.: NV No EIS Required AQ Status: Exempt
			Total	1.725	.200	.300	1.425					
1001.37			Prelim. Des. Detailed Des Construction ROW Incid. ROW Acquis'n	0.100 1.425 0.030 0.170	.200	.100	1.425					
2016-21						.030						
R&P	Petersburg, State, 2000 ft					.170						
R318	East Street from Partition St. to Third Ave.: Reconstruction		STP-Urb.	2.251	.200 P	.200 P	.200 D	1.851 C				Res. Agency: City Func. Class.: UMC Plan Ref.: NV No EIS Required AQ Status: Exempt
			Total	2.251	.200	.200	.200	1.851				
2016-21			Prelim. Des. Detailed Des Construction	0.200 0.200 1.851	.200	.200	.200					
Reconst'n	Rensselaer, City, .61 cl-mi							1.851				

Table 5 (Continued) Page 31

TIP #		Project Description	Fund Source	5-Year Total	Program Years (Federal Fiscal Years)						Other Notes
PIN or ID#	First TIP				Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	
Proj. Type		Municipality, Jurisdiction, Length	Phase								
SA280		Geyser Road (CR 43)/Ballston Avenue (NY 50) Intersection	STP-Flex STP-Flex	0.160	.015 P .010 D	.160 C					Res. Agency: City Func. Class.: Plan Ref.: NV No EIS Required AQ Status: Exempt
1759.83		At West Entrance to Spa State Park.	Total	0.160	.025	.160					
		Traffic signal only.	Prelim. Des. Detailed Des		.015 .010						
		This project was funded via RG39.	Construction	0.160		.160					
Traff Op'n		Saratoga Springs, City									
SA281		Sitterly Road at Woodin Road and Crossings Boulevard	STP-Flex STP-Flex	0.115	.010 P .007 D	.115 C					Res. Agency: Town Func. Class.: Plan Ref.: NV No EIS Required AQ Status: Exempt
1759.84		Traffic signal only. Replace existing signals with updated, interconnected signal hardware.	Total	0.115	.017	.115					
2013-18		This project was funded via RG39.	Prelim. Des. Detailed Des		.010 .007						
Traff Op'n		Multiple, Multiple	Construction	0.115		.115					
SA282		Malta "Share the Road" Signage	STP-Flex Local		.015 C .003 P						Res. Agency: Town Func. Class.: Plan Ref.: NV No EIS Required AQ Status: Exempt
1759.85			Total		.018						
2013-18			Construction Prelim. Des.		.015 .003						
Bike/Ped		Malta, Town									
SA283		Sitterly Road from US 9 to Clifton Park Town Line : Mill & Fill	STP-Urb. STP-Urb. STP-Urb.		.035 P .030 D .360 C						Res. Agency: Town Func. Class.: Plan Ref.: NV No EIS Required AQ Status: Exempt
1759.86		This project was funded as a drawdown on RG125.	Total		.425						
2013-18			Prelim. Des. Detailed Des		.035 .030						
R&P		Halfmoon, Town, 0.82 c/m	Construction		.360						

Table 5 (Continued) Page 32

TIP #		Project Description	Fund Source	5-Year Total	Program Years (Federal Fiscal Years)							Other Notes
PIN or ID#	First TIP				Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	Post 2021	
Proj. Type	Municipality, Jurisdiction, Length		Phase									
SA290	Geyser Road Spa State Park Bicycle and Pedestrian Trail		Local TAP	0.099 1.920	.099 C 1.920 C						Res. Agency: City Func. Class.: Plan Ref.: NV No EIS Required AQ Status: Exempt	
1760.11			Total	2.019	2.019							
2013-18			Construction ROW Acquis'n	2.019	2.019							
Bike/Ped	Saratoga Springs, City											
SA292	Zim Smith Trail Bike/Ped Bridge Over NY 9: Element Specific Bridge Repair		NHPP		.108 C						Res. Agency: County Func. Class.: Plan Ref.: NV No EIS Required AQ Status: Exempt	
1760.14			Total		.108							
2013-18			Construction		.108							
BridgeMisc	Clifton Park, County											
SA295	Pruyn Hill Pedestrian Safety, Phase II		STP-Urb.	0.126		.010 P	.010 D	.106 C			Res. Agency: Town Func. Class.: UMC Plan Ref.: NV No EIS Required AQ Status: Exempt	
	Phase I was SA274 in the 2013-18 TIP		Total	0.126		.010	.010	.106				
	Includes new sidewalk, delineated crosswalks, embedded detectable pads Connects the existing sidewalks at Prospect St. & Mechanicville School campus		Prelim. Des. Detailed Des Construction	0.010 0.010 0.106		.010	.010	.106				
2016-21												
Bike/Ped	Halfmoon, County, 1200 ft											
SA296	Zim Smith Southern Trail Extension, From Coons Crossing to Elizabeth St. Ext.		STP-Flex Local	2.907 0.977		2.907 C .977 C					Res. Agency: County Func. Class.: NA Plan Ref.: NV No EIS Required AQ Status: Exempt	
	Related to projects SA195 & SA292. Design funding is not required. Project is in Halfmoon & Mechanicville		Total	3.884		3.884						
2016-21			Construction	3.884		3.884						
Bike/Ped	Multiple, County, 3.0 mi											

TIP #		Project Description	Fund Source	5-Year Total	Program Years (Federal Fiscal Years)							Other Notes
PIN or ID#	First TIP				Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	Post 2021	
Proj. Type	Municipality, Jurisdiction, Length		Phase									
S217		Flower Hill Multi-Use Path Connection	STP-Flex		.516 C						Res. Agency: County Func. Class.: Plan Ref.: NV No EIS Required AQ Status: Exempt	
		Flower Hill cul-de-sac to Mohawk Hudson Bike-Hike Trail via Rosendale Road	STP-Flex		.007 I							
1759.89		This project was originally funded as a drawdown on RG103 and is capped.	STP-Flex		.006 R							
			Total		.529							
2013-18			Construction ROW Incid.		.516							
Bike/Ped		Niskayuna, Town, 1500 ft	ROW Aquis'n		.007							
					.006							
S218		Niskayuna Soccer Fields Multi-Use Path Connection	STP-Flex		.009 R						Res. Agency: County Func. Class.: Plan Ref.: NV No EIS Required AQ Status: Exempt	
		Zenner Road to Mohawk Hudson Bike-Hike Trail	STP-Flex		.007 I							
1759.90		Construct an asphalt multi-use path. Some minor signage work is included.	STP-Flex		.120 C							
		This project was funded as a drawdown on RG103.	Total		.136							
2013-18			ROW Aquis'n		.009							
Bike/Ped		Niskayuna, Town, 1200 ft	Construction		.007							
					.120							
S219		Helderberg Avenue Sidewalks	STP-Flex		.500 C						Res. Agency: County Func. Class.: Plan Ref.: NV No EIS Required AQ Status: Exempt	
		1) Reconstruct 2,800 ft of non-standard sidewalk on the west side of Helderberg Avenue	Total		.500							
1759.91		2) Construct 800 ft of new sidewalk on the east side of Helderberg Avenue from Morning Glory Drive to existing mid-block crossing at which a flashing beacon will be installed	Construction		.500							
		This project was funded as a drawdown on RG103.										
2013-18												
Bike/Ped		Rotterdam, County, 3600 ft										

Table 5 (Continued) Page 39

TIP #	PIN or ID#	First TIP	Project Description	Fund Source	5-Year Total	Program Years (Federal Fiscal Years)							Other Notes
						Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	Post 2021	
S236			Municipality, Jurisdiction, Length	Phase									
			Schenectady Bridges: Element Specific Bridge Repair	NHPP	1.200	.060 P .060 D	1.200 C						Res. Agency: City Func. Class.: Plan Ref.: NV No EIS Required AQ Status: Exempt
			1) Altamont Avenue Bridge over CSX/AMTRAK, BIN 2203120	NHPP									
			2) Pedestrian Bridge at GE over the Big Circle, BIN 2256670	Total	1.200	.120	1.200						
			3) Pedestrian Bridge at GE over I-890 X, BIN 2256680	Prelim. Des. Detailed Des Construction	1.200	.060 .060	1.200						
1760.15			These are one project and were a drawdown on RG126.										
2013-18													
BridgeMisc			Schenectady, City										
S237			Grade Crossing Upgrade: Maxon Road/CP Rail	Rail		.025 P .225 C .080 C							Res. Agency: NYSDOT Func. Class.: Plan Ref.: NV No EIS Required AQ Status: Exempt
1933.34			Upgrade active warning devices.	Local									
2013-18			The local funding is from MetroPlex.	Total		.330							
Safety			Schenectady, City, NA	Prelim. Des. Construction		.025 .305							
S238			NY 911F (Freemans Bridge) over the Mohawk River/Erie Canal	STP-Flex	2.079		.100 P .100 D	1.879 C					Res. Agency: NYSDOT Func. Class.: UPA Plan Ref.: NV No EIS Required AQ Status: Exempt
			BIN 4050330	STP-Flex									
				Total	2.079		.200	1.879					
2016-21				Prelim. Des. Construction Detailed Des	0.100 1.879 0.100		.100						
Bridge R/R			Glenville, State				.100	1.879					

TIP #		Project Description	Fund Source	5-Year Total	Program Years (Federal Fiscal Years)						Other Notes
PIN or ID#	First TIP				Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	
Proj. Type		Municipality, Jurisdiction, Length	Phase								
S239		Michigan Avenue Bridge over I-890: Element Specific Repairs	STP-Urb.	4.242	.500 D	4.242 C					Res. Agency: NYSDOT Func. Class.: UPA Plan Ref.: NV No EIS Required AQ Status: Exempt
1525.37		BIN 1049970	Total	4.242	.500	4.242					
2016-21			Detailed Des Construction	4.242	.500	4.242					
Bridge R/R		Schenectady, State									
S240		Sunnyside Road from Freemans Bridge Rd. (NY 911F) to the Village of Scotia Line: Cold Recycling	STP-Flex	0.411		.040 P .040 D	.331 C				Res. Agency: County Func. Class.: UMC Plan Ref.: NV No EIS Required AQ Status: Exempt
			Total	0.411		.080	.331				
2016-21			Prelim. Des. Construction	0.040		.040	.331				
			Detailed Des	0.040		.040	.331				
R&P		Glenville, County, .76 cl-mi									
S241		Erie Blvd. from Union St. to Nott St.: Mill and Fill	STP-Urb.	1.517	1.357 C .080 P .080 D						Res. Agency: City Func. Class.: UPA Plan Ref.: NV No EIS Required AQ Status: Exempt
		Includes sidewalks on Erie Blvd.	STP-Urb.								
			Total	1.517		1.517					
2016-21			Construction	1.357	1.357	.080					
			Prelim. Des.	0.080	.080	.080					
			Detailed Des	0.080	.080	.080					
R&P		Schenectady, City, 2500 ft									
S242		Broadway from 0.12 miles south of Weaver St. to Fourth Street: Mill and Fill	STP-Urb.	1.209		.060 P .060 D	1.089 C				Res. Agency: City Func. Class.: UmA Plan Ref.: NV No EIS Required AQ Status: Exempt
			STP-Urb.								
			Total	1.209		.120	1.089				
2016-21		Includes upgrading 8 crossings to ADA guidelines	Prelim. Des. Construction	0.060		.060	1.089				
			Detailed Des	0.060		.060	1.089				
R&P		Schenectady, City, 2500 ft									

Table 5 (Continued) Page 41

TIP #	Project Description		Fund Source	5-Year Total	Program Years (Federal Fiscal Years)							Other Notes
PIN or ID#	First TIP	Proj. Type			Municipality, Jurisdiction, Length	Commit'd 2015-16	1st Year 2016-17	2nd Year 2017-18	3rd Year 2018-19	4th Year 2019-20	5th Year 2020-21	
S243		Mohawk-Hudson Bike-Hike Trail Rehabilitation	STP-Urb. STP-Urb.	0.216			.010 P .010 D	.196 C				Res. Agency: County Func. Class.: NA Plan Ref.: NV No EIS Required AQ Status: Exempt
		Shared jurisdiction: County, Town of Rotterdam & NYSOGS	Total	0.216			.020	.196				
2016-21			Prelim. Des. Construction Detailed Des	0.010 0.196 0.010			.010 .010	.196				
Bike/Ped		Rotterdam, Multiple, 2.7 mi										
S244		Highbridge Rd. & East Campbell Rd.: Sidewalks	STP-Urb. STP-Urb.	0.769			.075 P .075 D	.619 C				Res. Agency: County Func. Class.: UMC Plan Ref.: NV No EIS Required AQ Status: Exempt
		Highbridge Rd. (CR 48) and East Campbell Rd. (CR 67) from Kings Rd. and Hamburg St.: Sidewalk Reconstruction/Extension	Total	0.769			.150	.619				
2016-21			Prelim. Des. Construction Detailed Des	0.075 0.619 0.075			.075 .075	.619				
Bike/Ped		Rotterdam, County, 4200 ft										