

# DRAFT

## CDTC 2013-2018 TIP Set-asides Summary of Candidate Projects (as of 4/2/14) Projects Filtered, then Ranked by Merit

ID #	Sponsor	Project Title	Priority Network <sup>1</sup>		Cost (\$) Matched Federal Aid	Ann'ized Cost (\$1,000's)	Benefits (\$1,000's)							B/C
			On or Address	Points			Safety	Travel Time	Operating/ Energy	User/ Energy	Life Cycle	Other Benefits	Total Benefits	

Filters				Advisory Committee Recommended? (Y/N)	HSIP or NHPP Eligible? (Y/N)
B/C Top Half	NHS	Network Points Top Half	Pass?		

### RG28: Intelligent Transportation Systems (ITS)

Available Funding: \$2,057,000 (NHPP = \$824,000, STP-Flex = \$1,094,000, HSIP = \$278,000)

1	Capital District Transportation Authority	Off-board Fare Collection System (OFCS)	BP=2, AM=2, ITS=3, TR=3, FR=2	12	\$1,918,000	228	NA	978	822	0	0	0	1,800	7.9
				Total: \$1,918,000		NHPP+STP-Flex = \$1,918,000 (only \$278,000 HSIP Remaining)								

Y	NA	Y	Y	TBD	NHPP = Y HSIP = N
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### RG39: ITS Set-Aside for Local Traffic Signals

Available Funding: \$1,888,000 (STP-Flex = \$1,438,000, CMAQ = \$450,000)

3	Albany (City)	Madison Avenue Road Diet Implementation	BP=3, AM=2, ITS=3, TR=3	11	\$308,000	42	443	71	16	0	0		530	12.6
5	Saratoga Springs	Geyser Road/Spa State Park Traffic Signal Improvement	BP=2, AM=2, TR=2, FR=2	8	\$185,000	25	51	27	7	0	0		85	3.4
				Total: \$493,000		STP-Flex Total = \$493,000 \$945,000 STP-Flex Remaining								

Y	Y	Y	Y	TBD	NA
N	Y	Y	Y	TBD	NA

4	Cohoes	Ontario Street & Delaware Avenue Intersection Traffic Light Installation	BP=3, TR=3	7	\$188,000	25	26	76	17	0	0		119	4.8
					Total:	\$188,000	STP-Flex Total = \$188,000				\$757,000 STP-Flex Remaining			
					Grand Total:	\$681,000	CMAQ Total = \$0				\$450,000 CMAQ Remaining			

Y	N	N	N	TBD	NA
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### RG102: Alternative Fuel Program for Non-CDTA Fleets

Available Funding: \$744,000 (STP-Flex)

7	Schenectady	Alternative Fuel Vehicle Upgrade & Charging Station	AM=2	2	\$83,870	NA	NA	NA	NA	NA	NA	NA	NA	NA
				Total:	\$83,870	\$660,130 STP-Flex Remaining								

NA	NA	NA	NA	NA	NA
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### RG119: Linkage Program Implementation

Available Funding: \$938,000 (STP-Flex)

17	Malta	Malta "Share the Road" Signage Project	BP=3, TR=2	5	\$15,000	2	3			0	0		3	1.5
				Total:	\$15,000	\$923,000 STP-Flex Remaining								

Y	N	Y	Y	NA	
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### RG124: Intersection Safety Improvements

Available Funding: \$4,166,000 (HSIP)

18	Schenectady (City)	Erie Boulevard/ Nott Street Roundabout	BP=3, AM=2, ITS=2, FR=2	9	\$1,562,000	114	278	299	113	0	0		690	6.1
					<b>Total: \$1,562,000</b>	\$2,604,000 HSIP Remaining								

Y	Y	Y	Y	TBD	HSIP = Y
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**Projects Filtered, then Ranked by Merit**

ID #	Sponsor	Project Title	Priority Network <sup>1</sup>		Cost (\$) Matched Federal Aid	Ann'ized Cost (\$1,000's)	Benefits (\$1,000's)						B/C
			On or Address	Points			Safety	Travel Time	Operating/ Energy	User/ Energy	Life Cycle	Other Benefits	Total Benefits

Filters				Advisory Committee Recommended? (Y/N)	HSIP or NHPP Eligible? (Y/N)
B/C Top Half	NHS	Network Points Top Half	Pass?		

**RG125: Pavement Preservation for Non-State Roads**

Available Funding: \$8,457,000 [NHPP = \$2,535,000, STP-Urb = \$5,922,000]

27	Albany County	CR 151 (Albany-Shaker Rd./Dalessandro Boulevard) Resurfacing	BP=3, ITS=2, TR=2, FR=2	9	\$1,068,000	145	55	NA	NA	108	8032		8,195	<b>56.5</b>
55	Schenectady County	Broadway (County Route #161) Paving Project	BP=3, AM=2, TR=2	7	\$435,600	59	141	NA	NA	24	1785		1,950	<b>33.1</b>
57	Schenectady County	Consaul Road (County Route #9) Paving Project	AM=2	3	\$621,600	84	273	NA	NA	37	2232		2,542	<b>30.3</b>
54	Schenectady County	Aqueduct Road (County Route #10) Paving Project	BP=3	3	\$697,200	95	164	NA	NA	42	2505		2,711	<b>28.5</b>
25	Albany (City)	Ten Broeck Street Roadway Rehabilitation	TR=3	4	\$512,000	70	179	NA	NA	3	1763		1,945	<b>27.8</b>
28	Halfmoon	Sitterly Road Pavement Preservation	BP=3	3	\$425,000	58	105	NA	NA	19	1434		1,558	<b>26.9</b>
46	Schenectady (City)	Guilderland Ave (Broadway to City Line) - Paving Project	BP=3, AM=2, TR=3	7	\$705,000	96	251	NA	NA	16	2156		2,423	<b>25.2</b>
21	Albany (City)	Cardinal Avenue Rehabilitation Project	TR=3	4	\$489,000	66	32	NA	NA	2	1299		1,333	<b>20.2</b>
41	Schenectady (City)	Broadway (State St to I-890) - Paving Project	BP=3, TR=3	6	\$525,000	71	241	NA	NA	23	1149		1,413	<b>19.9</b>
26	Albany (City)	Whitehall Road Rehabilitation Project	AM=2, ITS=2, TR=3	8	\$426,000	58	125	NA	NA	8	923		1,056	<b>18.2</b>
59	Schenectady County	Union Street (County Route #159) Paving Project	BP=3, AM=2, ITS=2, TR=3	10	\$403,200	55	239	NA	NA	7	727		973	<b>17.7</b>
56	Schenectady County	Chrisler Avenue (County Route #69) Paving Project	BP=3, AM=2	5	\$273,600	37	47	NA	NA	11	547		605	<b>16.4</b>

**Total: \$6,581,200**

NHPP Total = \$1,341,600

\$1,193,400 NHPP Remaining

STP-Urb Total = \$5,239,600

\$682,400 STP-Urb Remaining

Y	Y	Y	Y	TBD	NHPP = Y
Y	N	Y	Y	TBD	N
Y	N	Y	Y	TBD	N
Y	N	Y	Y	TBD	N
Y	N	Y	Y	TBD	N
Y	N	Y	Y	TBD	N
Y	N	Y	Y	TBD	N
Y	N	Y	Y	TBD	N
Y	N	Y	Y	TBD	N
N	Y	Y	Y	TBD	NHPP = Y

34	Rensselaer County	CR 125 (Stillwater Bridge Road)-Pavement Preservation		1	\$821,538	112	149	NA	NA	20	2970		3,139	<b>28.0</b>
20	Albany (City)	Bertha Street Rehabilitation Project		2	\$374,000	51	110	NA	NA	4	1149		1,263	<b>24.8</b>
32	Rensselaer County	CR 51 (Burden Lake Road)-Pavement Preservation		1	\$470,769	64	20	NA	NA	10	1415		1,445	<b>22.6</b>
39	Schenectady (City)	Broadway (Fairview Ave to Eleanor Ave) - Paving Project	BP=3, AM=2, ITS=2, TR=3	10	\$699,000	95	455	NA	NA	16	1184		1,655	<b>17.4</b>

Y	N	N	N	TBD	N
Y	N	N	N	TBD	N
Y	N	N	N	TBD	N
N	N	Y	N	TBD	N

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**Summary of Candidate Projects (as of 4/2/14)**  
**Projects Filtered, then Ranked by Merit**

					Cost (\$) Matched Federal Aid	Ann'ized Cost (\$1,000's)	Benefits (\$1,000's)							B/C
		Priority Network <sup>1</sup>					Travel	Operating/	User/	Life	Other	Total		
ID #	Sponsor	Project Title	On or Address	Points			Safety	Time	Energy	Energy	Cycle	Benefits	Benefits	
58	Schenectady County	Maple Avenue (County Route #29) & Hetcheltown Road (County Route #31) Paving Project	BP=3	3	\$1,057,200	144	111	NA	NA	45	2140		2,296	15.9
22	Albany (City)	Clinton Avenue Rehabilitation Project	BP=3, ITS=2, TR=3	8	\$1,034,000	141	198	NA	NA	12	1974		2,184	15.5
24	Albany (City)	New Scotland Avenue Rehabilitation Project	BP=3, AM=2, ITS=2, TR=3	10	\$349,000	48	116	NA	NA	5	619		740	15.4
44	Schenectady (City)	Consaul Rd (NY 7 to City Line) - Paving Project	AM=2	3	\$578,000	78	21	NA	NA	20	1142		1,183	15.2
19	Albany (City)	Belvidere Avenue Roadway Rehabilitation		2	\$622,000	85	19	NA	NA	1	1231		1,251	14.7
31	Rensselaer County	CR 6 (Maple Hill Road)-Pavement Preservation		1	\$480,000	65	65	NA	NA	20	827		912	14.0
33	Rensselaer County	CR 55 (Best Road)-Pavement Preservation		1	\$812,308	110	65	NA	NA	25	1296		1,386	12.6
36	Rensselaer County	CR 134 (McChesney Avenue Extension)-Pavement Preservation		1	\$609,231	83	48	NA	NA	6	921		975	11.7
30	Rensselaer County	CR 5 (Brookview Road)-Pavement Preservation	TR=2	3	\$313,846	43	8	NA	NA	3	490		501	11.7
10	Green Island (Village)	Tibbits Avenue Improvement Project		1	\$569,000	77	4	NA	NA	4	880		888	11.5
23	Albany (City)	Hudson Avenue Rehabilitation Project		2	\$404,000	55	52	NA	NA	1	526		579	10.5
35	Rensselaer County	CR 129 (Tamarac Road)-Pavement Preservation		1	\$1,476,923	201	63	NA	NA	46	1427		1,536	7.6
				Total:	\$10,670,815	NHPP Total = \$0 \$1,193,400 NHPP Remaining								
				Grand Total:	\$17,252,015	STP-Urb Total = \$10,670,815 (\$9,988,415) STP-Urb Short								

Filters				Advisory Committee Recommended? (Y/N)	HSIP or NHPP Eligible? (Y/N)
B/C Top Half	NHS	Network Points Top Half	Pass?		
N	N	N	N	TBD	N
N	N	Y	N	TBD	N
N	N	Y	N	TBD	N
N	N	N	N	TBD	N
N	N	N	N	TBD	N
N	N	N	N	TBD	N
N	N	N	N	TBD	N
N	N	N	N	TBD	N
N	N	N	N	TBD	N
N	N	N	N	TBD	N
N	N	N	N	TBD	N

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ID #	Sponsor	Project Title	Priority Network <sup>1</sup>		Cost (\$) Matched Federal Aid	Ann'ized Cost (\$1,000's)	Benefits <sup>2</sup>				Filters				Advisory Committee Recommended? (Y/N)	HSIP Eligible? (Y/N)
			On or Address	Points			Market Potential	Cost Effectiveness	Safety	Weighted Score	Weighted Score Top Half	NHS	Network Points Top Half	Pass?		
8	Albany (City)	Madison Avenue Road Diet Implementation Phase 1-Roadway Configuration & Bike/Ped Improvements	BP = 3, AM = 2, ITS = 2, TR = 2	9	\$242,000	43.3	A	A	A+	32	Y	Y	Y	Y	TBD	Y
14	Schenectady County	Mohawk Hudson Bike Trail Bollard/Gate Retrofit	BP = 3	3	\$145,000	19.69	B	A	B	18	Y	N	Y	Y	TBD	N
					<b>Total: \$387,000</b>	STP-Flex Total = \$145,000				\$1,214,000 STP-Flex Remaining						
						HSIP Total = \$242,000				\$36,000 HSIP Remaining						
11	Niskayuna	Flower Hill Multi-Use Path Connection	BP = 1	1	\$249,000	16.35	B	B	B	15	Y	N	N	N	TBD	N
12	Niskayuna	Niskayuna Soccer Fields Multi-Use Path Connection	BP = 1	1	\$199,000	7.26	B	A	C+	14	N	N	N	N	TBD	N
13	Schenectady County	Helderberg Avenue Sidewalks	BP = 1, TR = 1	2	\$448,000	32.51	B	C	B+	14	N	N	Y	N	TBD	M
9	Green Island (Village)	Black Bridge Rail Trail Connection Project	BP = 1	1	\$444,000	32.22	B	C	C+	8	N	N	N	N	TBD	N
					<b>Total: \$1,340,000</b>	STP-Flex Total = \$1,304,000				(\$90,000) STP-Flex Short						
					<b>Grand Total: \$1,727,000</b>	HSIP Total = \$36,000?				\$0 HSIP Remaining						

<sup>1</sup> BP = Bicycle/Pedestrian network, AM = Access Management network, ITS = ITS network, TR = Transit network, FR = Freight (Goods Movement) network. Points were assigned to each network as follows: 3 = project was on and addressed a priority network, 2 = project was on a network but did not address network goals, 1 = project was not on a priority network but addressed network goals. The sum of each network represents the priority network points.

<sup>2</sup> All benefits were translated to a qualitative rating of A, B, or C with A being high and C being low. To calculate the weighted score points were assigned as follows: A+=7, A=6, A-=5, B+=4, B=3, B-=2, C+=1, C=0. Market potential and Safety are worth 2X Cost effectiveness.