

CDTC 2013-2018 TIP Set-asides
Summary of Candidate Projects (as of 4/29/14)
Projects Filtered, then Ranked by Merit

ID #	Sponsor	Project Title	Priority Network ¹		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: \$2,196,000 (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	1427	1201	0	0	NA	2,628	11.5
Total: \$1,918,000					NHPP+STP-Flex = \$1,918,000 HSIP = \$0			\$0 NHPP+STP-Flex Remaining \$278,000 HSIP Remaining						

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

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

Projects that Pass Filter, Sorted by B/C Ratio

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	NA	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	NA	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

Projects that do not Pass Filter, Sorted by B/C Ratio

2	Clifton Park & Halfmoon	Sitterly Road Corridor Improvements - ITS	BP=2, ITS=1, TR=2	5	\$132,000	12	142	125	19	0	0	NA	286	23.8
4	Cohoes	Ontario St. & Delaware Ave. Intersection Traffic Light Installation	BP=3, ITS=1, TR=3	7	\$188,000	25	26	76	17	0	0	NA	119	4.8
Total: \$320,000						STP-Flex Total = \$320,000			\$625,000 STP-Flex Remaining					
Grand Total: \$813,000														

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

RG102: Alternative Fuel Program for Non-CDTA Fleets

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

6	Albany County Airport Authority	Compressed Natural Gas Fueling Station Rehab. & Expansion	AM=2	0	\$300,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
7	Schenectady	Alternative Fuel Vehicle Upgrade & Charging Station	AM=2	2	\$83,900	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total: \$383,900					STP-Flex Total = \$383,900			\$360,100 STP-Flex Remaining						

NA	NA	NA	NA	See Fact Sheet	NA
NA	NA	NA	NA	See Fact Sheet	NA

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	NA	NA	0	0	NA	3	1.5
Total: \$15,000					STP-Flex Total = \$15,000			\$923,000 STP-Flex Remaining						

Y	N	Y	Y	NA	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	NA	690	6.1
Total: \$1,562,000					HSIP Total = \$1,562,000			\$2,604,000 HSIP Remaining						

Y	Y	Y	Y	TBD	HSIP = Y
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¹ 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.

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			On or Address	Points			Market Potential	Cost Effectiveness	Safety	Weighted Score	Weighted Score Top Half	NHS	Network Points Top Half	Pass?		

RG103: Bicycle/Pedestrian Network Set-Aside

Available Funding: \$1,637,000 (STP-Flex = \$1,359,000, HSIP = \$278,000 HSIP)

Projects that Pass Filter, Sorted by Weighted Score

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	A	A	A+	32	Y	Y	Y	Y	Y	Y?
14	Schenectady County	Mohawk Hudson Bike Trail Bollard/Gate Retrofit	BP = 3	3	\$145,000	20	B	A	B	18	Y	N	Y	Y	Y	N
Total:					\$387,000	STP-Flex Total = \$145,000		\$1,214,000 STP-Flex Remaining								
						HSIP Total = \$242,000		\$36,000 HSIP Remaining								

Projects that do not Pass Filter, Sorted by Weighted Score

11	Niskayuna	Flower Hill Multi-Use Path Connection	BP = 1	1	\$249,000	16	B	B	B	15	Y	N	N	N	Y	N
12	Niskayuna	Niskayuna Soccer Fields Multi-Use Path Connection	BP = 1	1	\$100,000	7	B	A	C+	14	N	N	N	N	Y	N
13	Schenectady County	Helderberg Avenue Sidewalks	BP = 1, TR = 1	2	\$448,000	33	B	C	B+	14	N	N	Y	N	Y	N
9	Green Island (Village)	Black Bridge Rail Trail Connection Project	BP = 1	1	\$444,000	32	B	C	C+	8	N	N	N	N	Y	N
Total:					\$1,241,000	STP-Flex Total = \$1,241,000		(\$27,000) STP-Flex Short								
Grand Total:					\$1,628,000	HSIP Total = \$0		\$36,000 HSIP Remaining								

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² 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.

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			On or Address	Points			Safety	Travel Time	Operating/ Energy	User/ Energy	Life Cycle	Other Benefits	Total Benefits	

RG125: Pavement Preservation for Non-State Roads

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

Projects that Pass Filter, Sorted by B/C Ratio

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	NA	8,195	56.5
55	Schenectady County	Broadway (County Route #161) Paving Project	BP=3, AM=2, TR=2	7	\$436,000	59	141	NA	NA	24	1785	NA	1,950	33.1
57	Schenectady County	Consaul Road (County Route #9) Paving Project	BP=1, AM=2	3	\$622,000	84	273	NA	NA	37	2232	NA	2,542	30.3
54	Schenectady County	Aqueduct Road (County Route #10) Paving Project	BP=3	3	\$697,000	95	164	NA	NA	42	2505	NA	2,711	28.5
25	Albany (City)	Ten Broeck Street Roadway Rehabilitation	BP=1, TR=3	4	\$512,000	70	179	NA	NA	3	1763	NA	1,945	27.8
28	Halfmoon	Sitterly Road Pavement Preservation	BP=3	3	\$425,000	58	105	NA	NA	19	1434	NA	1,558	26.9
46	Schenectady (City)	Guiderland Ave (Broadway to City Line) - Paving Project	BP=3, AM=2, TR=2	7	\$705,000	96	251	NA	NA	16	2156	NA	2,423	25.2
21	Albany (City)	Cardinal Avenue Rehabilitation Project	BP=1, TR=3	4	\$489,000	66	32	NA	NA	2	1299	NA	1,333	20.2
41	Schenectady (City)	Broadway (State St to I-890) - Paving Project	BP=3, TR=3	6	\$525,000	71	241	NA	NA	23	1149	NA	1,413	19.9
26	Albany (City)	Whitehall Road Rehabilitation Project	BP=1, AM=2, ITS=2, TR=3	8	\$426,000	58	125	NA	NA	8	923	NA	1,056	18.2
59	Schenectady County	Union Street (County Route #159) Paving Project	BP=3, AM=2, ITS=2, TR=3	10	\$403,000	55	239	NA	NA	7	727	NA	973	17.7
56	Schenectady County	Chrisler Avenue (County Route #69) Paving Project	BP=3, AM=2	5	\$274,000	37	47	NA	NA	11	547	NA	605	16.4

Total: \$6,582,000

NHPP Total = \$1,342,000

\$1,193,000 NHPP Remaining

STP-Urb Total = \$5,240,000

\$682,000 STP-Urb Remaining

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

Y	Y	Y	Y	Y	Y
Y	N	Y	Y	Y	N
Y	N	Y	Y	Y	N
Y	N	Y	Y	Y	N
Y	N	Y	Y	Y	N
Y	N	Y	Y	Y	N
Y	N	Y	Y	Y	N
Y	N	Y	Y	Y	N
Y	N	Y	Y	Y	N
Y	N	Y	Y	Y	N
N	Y	Y	Y	Y	Y

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			On or Address	Points			Safety	Travel Time	Operating/ Energy	User/ Energy	Life Cycle	Other Benefits	Total Benefits	

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

Projects that do not Pass Filter, Sorted by B/C Ratio

20	Albany (City)	Bertha Street Rehabilitation Project	BP=1, TR=1	2	\$374,000	51	110	NA	NA	4	1149	NA	1,263	24.8
32	Rensselaer County	CR 51 (Burden Lake Road)-Pavement Preservation	BP=1	1	\$452,000	61	20	NA	NA	10	1415	NA	1,445	23.7
34	Rensselaer County	CR 125 (Stillwater Bridge Road)-Pavement Preservation	BP=1	1	\$1,041,000	141	149	NA	NA	20	2970	NA	3,139	22.3
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	NA	1,655	17.4
58	Schenectady County	Maple Avenue (CO 29) & Hetcheltown Road (CO 31) Paving Project	BP=3	3	\$1,057,000	144	111	NA	NA	45	2140	NA	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	NA	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	NA	740	15.4
44	Schenectady (City)	Consaul Rd (NY 7 to City Line) - Paving Project	BP=1, AM=2	3	\$578,000	78	21	NA	NA	20	1142	NA	1,183	15.2
19	Albany (City)	Belvidere Avenue Roadway Rehabilitation	BP=1, TR=1	2	\$622,000	85	19	NA	NA	1	1231	NA	1,251	14.7
30	Rensselaer County	CR 5 (Brookview Road)-Pavement Preservation	BP=1, TR=2	3	\$279,000	40	8	NA	NA	3	490	NA	501	12.5
33	Rensselaer County	CR 55 (Best Road)-Pavement Preservation	BP=1	1	\$816,000	111	65	NA	NA	25	1296	NA	1,386	12.5
10	Green Island (Village)	Tibbits Avenue Improvement Project	BP=1	1	\$569,000	77	4	NA	NA	4	880	NA	888	11.5
23	Albany (City)	Hudson Avenue Rehabilitation Project	BP=1, TR=1	2	\$404,000	55	52	NA	NA	1	526	NA	579	10.5
31	Rensselaer County	CR 6 (Maple Hill Road)-Pavement Preservation	BP=1	1	\$735,000	100	65	NA	NA	20	827	NA	912	9.1
36	Rensselaer County	CR 134 (McChesney Avenue Extension)-Pavement Preservation	BP=1	1	\$849,000	115	48	NA	NA	6	921	NA	975	8.5
35	Rensselaer County	CR 129 (Tamarac Road)-Pavement Preservation	BP=1	1	\$1,546,000	210	63	NA	NA	46	1427	NA	1,536	7.3
				Total: \$11,404,000		NHPP Total = \$0 \$1,193,000 NHPP Remaining								
				Grand Total: \$17,986,000		STP-Urb Total = \$11,404,000 (\$10,722,000) STP-Urb Short								

Y	N	N	N	Y	N
Y	N	N	N	Y	N
Y	N	N	N	Y	N
N	N	Y	N	Y	N
N	N	N	N	Y	N
N	N	Y	N	Y	N
N	N	N	N	Y	N
N	N	N	N	Y	N
N	N	N	N	Y	N
N	N	N	N	Y	N
N	N	N	N	Y	N
N	N	N	N	Y	N
N	N	N	N	Y	N

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