

Capital District Transportation Committee
TABLE 1: Benefit/Cost Ratios and Additional Information for Bridge Candidates for the 2013-18 TIP
For the February 2015 Planning Committee Meeting
Using Sponsor Scopes and Costs

1/28/15 20:25

BIN	Bridge	Sponsor	Fund Source	Start Cond Score	End Cond Score	% Ext. Life	Total Facility Benefits	Project Facility Benefits	Cost (K\$)	Repair Design	CRF	Ann Cost	Benefit Cost	Priority Networks ⁵	Envir. Justice Area	Additional Information
							(K\$/Y) ¹	(K\$/Y) ²		Life (yr)		(K\$/Y)	Cost			
<u>Highway Bridges:</u>																
1071940	NY 67	City of Mechanicville	STP-Flex	3.558	6.686	70%	3,416	2,374	1,870	53	0.063	118	20.2	AM	Y	1/2 mi from \$40M intermodal center; freight corridor from NY to VT; corridor expects growth; bike/ped accomodations; flagged since '06.
2202570	Ashdown Rd	Saratoga County	STP-Flex	4.484	5.484	22%	9,797	2,177	480	17	0.095	46	47.5	0	N	
3304450	Nelson Ave	Saratoga County	STP-Flex	5.281	5.828	12%	2,692	327	360	8	0.161	58	5.6	0	N	
3304880	D'burg Church Rd	Schenectady County	STP-Flex	5.211	5.737	12%	1,580	185	300	8	0.161	48	3.8	0	N	Link for schools, commuting, farming, state park, 10000+ person conventions, and econ dev (Mariaville sewers upgraded)
2200270	Henry Johnson Blvd	City of Albany	NHPP	4.542	5.591	23%	5,415	1,262	1,080	18	0.092	100	12.7	TR, AM	Y	Crucial link Central to Arbor Hill Neighborhood; access for major police facil incl. HQ; serves non-veh and peds; will include ADA upgrades
2203120	Altamont Avenue ³	City of Schenectady	NHPP	5.855	6.000	3%	2,822	1,333	330	2.4	0.46	152	8.8	BP, TR, ITS, AM	Y	Major thoroughfare in and out of city; Alt Route (Crane) too low for truck traffic; serves bike/ped/CDTA
<u>Pedestrian Bridges:</u>																
7005610	Zim Smith Trail (Bike/Ped)	Saratoga County	NHPP	4.588	5.529	21%			120	15	0.103	12	NA ⁴	BP	N	
2256670	GE Ped Big Circle (Bike/Ped)	City of Schenectady	NHPP	5.538	5.969	10%			330	8	0.161	53	NA ⁴	BP	Y	Still used daily by pedestrians
2256680	GE Ped I-890 x (Bike/Ped)	City of Schenectady	NHPP	5.299	5.866	13%			660	10	0.136	90	NA ⁴	BP	Y	Still used daily by pedestrians

NOTES:

- ¹ Total Facility Benefits is the calculated benefit of the bridge existing on the system.
- ² The Project Facility Benefits is the Total Facility Benefit prorated by the extended life of the bridge due to the project.
- ³ The benefits of the bridge approaches are included as road reconstruction.
- ⁴ Bike/Ped bridge evaluations are presented in a separate table.
- ⁵ Priority Networks Key:

AM = Access Management

TR = Transit

BP = Bicycle/Pedestrian

ITS = Intelligent Transportation Systems