

Capital District Transportation Committee  
TABLE 2: Benefit/Cost Evaluation for Pedestrian Bridge Candidates for the 2013-18 TIP  
For the February 2015 Planning Committee Meeting  
Using Sponsor Scopes and Costs

																Benefits <sup>2</sup>		
BIN	Owner	Feature Description	Priority Network <sup>1</sup>		Bike/Ped		Acc Mgmt		ITS		Transit		Freight		Cost (\$)	Market	Cost	Weighted
			On or Address	Points	On	Add	On	Add	On	Add	On	Add	On	Add		Potential	Effectiveness	Score
7005610	Saratoga County	Zim Smith Trail over Route 9	BP = 3	3	Y	Y	N	N	N	N	N	N	N	N	\$ 120,000	A	A	30
2256670	City of Schenectady	Pedestrian Walkway over I-890	BP = 3	3	Y	Y	N	N	N	N	N	N	N	N	\$ 240,000	A	A	27
2256680	City of Schenectady	Pedestrian Walkway over I-890 Ramps	BP = 3	3	Y	Y	N	N	N	N	N	N	N	N	\$ 480,000	A	A	27

<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.

FOR COMPARISON:  
CDTC 2013-2018 TIP Set-asides  
Summary of Candidate Projects (as of 4/1/14)  
Projects Filtered, then Ranked by Merit

																Benefits <sup>2</sup>		
ID #	Sponsor	Project Title	Priority Network <sup>1</sup>		Bike/Ped		Acc Mgmt		ITS		Transit		Freight		Cost (\$M)	Market Potential	Cost Effectiveness	Weighted Score
			On or Address	Points	On	Add	On	Add	On	Add	On	Add	On	Add				
RG103: Bicycle/Pedestrian Network Set-Aside																		
8	Albany (City)	Madison Avenue Road Diet Implementation Phase 1-Roadway Configuration & Bike/Ped Improvements	BP = 3, AM = 2, ITS = 2, TR = 2	9	Y	Y	Y	N	Y	N	Y	N	N	N	\$ 241,726	A	A	32
14	Schenectady County	Mohawk Hudson Bike Trail Bollard/Gate Retrofit	BP = 3	3	Y	Y	N	N	N	N	N	N	N	N	\$ 144,950	B	A	18
11	Niskayuna	Flower Hill Multi-Use Path Connection	BP = 1	1	N	Y	N	N	N	N	N	N	N	N	\$ 225,000	B	B	15
12	Niskayuna	Niskayuna Soccer Fields Multi-Use Path Connection	BP = 1	1	N	Y	N	N	N	N	N	N	N	N	\$ 100,000	B	A	14
13	Schenectady County	Helderberg Avenue Sidewalks	BP = 1, TR = 1	2	N	Y	N	N	N	N	N	Y	N	N	\$ 448,000	B	C	14
9	Green Island (Village)	Black Bridge Rail Trail Connection Project	BP = 1	1	N	Y	N	N	N	N	N	N	N	N	\$ 444,000	B	C	8

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