#11: Rensselaer Bicycle & Pedestrian Access Improvements

Total Score = Weighted Score + Merit Category Score (100 Points Max)	**37.6**

Weighted Score*	**19**
Cost Effectiveness	B
Market Potential	A
Safety	B-

Merit Category Score (Scaled to 50 Points)	**18.6**

**All benefits were translated to a qualitative rating from A+ to C. 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.*

2018 TAP/CMAQ Candidate: Yes
CDTC Project Category: Bicycle/Pedestrian

Sponsor: City of Rensselaer
Sponsor Priority: 1 in Bicycle/Pedestrian Category
Total Cost (Matched and Inflated): $3.194 M
Annualized Cost ($1,000/Year): $232.0

General Project Limits: Van Rensselaer Drive to 6th St. From 6th St. to Partition St. to Broadway.
Roadway Owner: City of Rensselaer
Proposed Project Design Life (Years): 30

Detailed Description: Construct a 1.8 mile paved, off-road trail through a 67 acre City-owned property (The Hollow) from Van Rensselaer Drive to 6th Street; add 0.81 miles of on-road sharrows along 6th St., Partition St., and Broadway with signage and crossing upgrades at five intersections including ADA compliance, new high-visibility crosswalks where needed and signage. Add a sidewalk on 6th St.

Roadway Functional Classification: Broadway from Herrick St to Fifth Ave is a National Highway System facility and is an Urban Minor Arterial. Broadway from Partition St to Herrick St and Partition St from Third St to Broadway are not part of the National Highway System but are classified as Urban Minor Arterials. All other roadway segments are Urban Local.

Federal Fund Source Eligibility: National Highway Preservation Program (Broadway from Herrick to Fifth only), Surface Transportation Program**.**

Transportation Considerations:
Walking and Biking: In Tier 1 Pedestrian District and creates a separated path for walking/bicycling (1.8 mi). Installs on 6th, Partition and Broadway shared use lanes with new sidewalk on 6th Street to connect to Empire State Trail & Esplanade Trail. Project is not on the bicycle priority network. Project will provide non-motorized connections to the Rensselaer Junior / Senior high school.
Transit: Project is partially on the transit priority network. Adjacent CDTA bus routes include 114 and 214. Stops exist on portions of Broadway and Partition. Sidewalk and trails will increase the reach of transit riders.
Motor Vehicles/Freight: Not the primary project purpose.

Other Considerations: Project is in an Environmental Justice area, would implement several local plans including the City of Rensselaer Downtown Redevelopment Plan, North Broadway Corridor Study and the Master Plan for The Hollow. Project will connect to the Empire State Trail. 2013-2018: 0 Fatalities, 1 Serious Injury.

Advisory Committee Comments: Bicycle/Pedestrian - Important connection to isolated school; Would run in ravine, used for recreation currently.

MERIT CATEGORIES	NUMERIC VALUES				SCORE
COMMUNITY QUALITY OF LIFE & EQUITY (10 POINTS POSSIBLE)					
Land Use Compatability	SCORE	-1	to	+3	2
Smart Growth	SCORE	-1	to	+3	2
Environmental Justice	SCORE	-1	to	+2	2
Accessibility / ADA / Universal Design/Human Services Transport	SCORE	-1	to	+2	1
	SUBTOTAL	**-4**	**to**	**+10**	**7**
APPROPRIATE INFRASTRUCTURE (10 POINTS POSSIBLE)					
Preservation/Renewal of Existing	SCORE	-2	to	+5	0
Complete Streets	SCORE	-2	to	+5	2
	SUBTOTAL	**-4**	**to**	**+10**	**2**
MULTI-MODALISM (10 POINTS POSSIBLE)					
Transit	SCORE	-2	to	+5	3
Pedestrian	SCORE	-1	to	+3	3
Bicycle	SCORE	-1	to	+2	1
	SUBTOTAL	**-4**	**to**	**+10**	**7**
ENVIRONMENT & HEALTH (8 POINTS POSSIBLE)					
Sensitive Area Protection/Mitigation	SCORE	-1	to	+2	-1
Greenhouse Gas Emissions Reduction	SCORE	-1	to	+2	1
Alternative Fuels Support	SCORE	-1	to	+2	0
Other Environmental/Health Benefit	SCORE	-1	to	+2	1
	SUBTOTAL	**-4**	**to**	**+8**	**1**
REGIONAL BENEFIT (5 POINTS POSSIBLE)					
Benefit beyond project to transportation system or quality region	SCORE	-2	to	+5	1
	SUBTOTAL	**-2**	**to**	**+5**	**1**
ECONOMIC DEVELOPMENT (5 POINTS POSSIBLE)					
Economic Impact	SCORE	-2	to	+5	3
	SUBTOTAL	**-2**	**to**	**+5**	**3**
SAFETY & SECURITY (5 POINTS POSSIBLE)					
Additional Safety Benefit Beyond Crash History	SCORE	-1	to	+3	2
Security and Resiliency to Natural Hazards and Human Caused Events	SCORE	-1	to	+2	0
	SUBTOTAL	**-2**	**to**	**+5**	**2**
OPERATIONS & TECHNOLOGY (5 POINTS POSSIBLE)					
Traffic Operations & Reliability Improvements	SCORE	-1	to	+3	0
Use of Beneficial Advanced Technologies	SCORE	-1	to	+2	0
	SUBTOTAL	**-2**	**to**	**+5**	**0**
FREIGHT (5 POINTS POSSIBLE)					
Freight and Goods Movement	SCORE	-2	to	+5	0
	SUBTOTAL	**-2**	**to**	**+5**	**0**
PERFORMANCE (3 POINTS POSSIBLE)					
Anticipated Effect on all Performance Targets	SCORE	-1	to	+3	2
	SUBTOTAL	**-1**	**to**	**+3**	**2**
INNOVATION (2 POINTS POSSIBLE)					
Innovative Solutions	SCORE	0	to	+2	0
	SUBTOTAL	**0**	**to**	**+2**	**0**
PROJECT DELIVERY (2 POINTS POSSIBLE)					
On Schedule/On Budget	SCORE	-2	to	+2	1
	SUBTOTAL	**-2**	**to**	**+2**	**1**

PROJECT MERIT CATEGORY SUB TOTAL					
Total from Line Items Above	**SUBTOTAL**	**-29**	**to**	**+70**	**26**
Scaled to 50 points					**18.6**