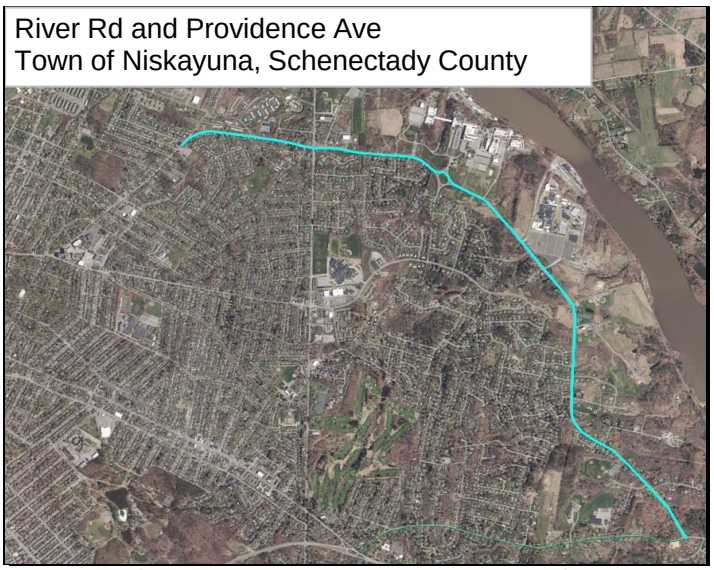
#72: River Road and Providence Avenue Pavement Preservation



Total Score = A+B (100 Points Max)	**52.9**

A. Benefit/Cost Ratio Total (50 point cap)	**43.6**
Benefit/Cost Ratio Subtotal	43.6
Total Benefits ($1,000/Year)	4,421.4
Facility Life	4,352.5
Mobility	0.0
Safety	42.9
User Cost	26.1
Annualized Cost ($1,000/Year)	101.4

B. Merit Category Score (Scaled to 50 Points)	**9.3**

CDTC Project Category: Pavement Preservation

Project Limits: River Road - Rosendale Road to NY 146 (Balltown Road); Providence Avenue - NY 146 to the City Line

Sponsor: Schenectady County

Sponsor Priority: 1 in Pavement Category

Total Cost: $1.598 M (includes match and inflation)

Existing Pavement Rating: Ranges from 7 to 9

Average Daily Traffic Volume (both roads): 10,799

Repair Type: Hot-in-place recycling with Hot Mix Asphalt Overlay

Proposed Project Design Life: 50 years

Detailed Description: Hot-in-place recycling of the existing hot mix asphalt surface and place a 6.3 polymer modified Hot Mix Asphalt surface treatment top course. The mid-block crosswalk on River Road and crosswalk at the Providence Avenue / Hillside Avenue intersection will be restriped and new reflective signing will be installed at the mid-block crosswalk.

Roadway Functional Classification: River Road and Providence Avenue are both Urban Minor Arterial roads and neither are National Highway System facilities.

Federal Fund Source Eligibility: Surface Transportation Program

Transportation Considerations:

Walking: Project is not in a CDTC Pedestrian District. It makes no commitment to significantly improve pedestrian facilities but it will restripe 2 midblock crosswalks. The project is adjacent to Mohawk Hudson Bike-Hike Trail.

Biking: Connects to CDTC Bicycle Network. No bicycle infrastructure improvements.

Transit: Not on CDTC Transit Priority network. The project does not add transit components, though a transit route is present.

Motor Vehicles/Freight: Project provides access to the CDTC Freight Priority Network (NY 146) for key freight generators (GE Global Research and Knolls Atomic Power Laboratory).

Other Considerations: Adjacent to existing TIP Project S250, PIN 1760.77. Project connects to an Environmental Justice Area. Connects to a National Highway System route.

Advisory Committee Comments: None noted.

MERIT CATEGORIES	NUMERIC VALUES				SCORE
COMMUNITY QUALITY OF LIFE & EQUITY (10 POINTS POSSIBLE)					
Land Use Compatability	SCORE	-1	to	+3	0
Smart Growth	SCORE	-1	to	+3	0
Environmental Justice	SCORE	-1	to	+2	1
Accessibility / ADA / Universal Design/Human Services Transport	SCORE	-1	to	+2	0
	SUBTOTAL	**-4**	**to**	**+10**	**1**
APPROPRIATE INFRASTRUCTURE (10 POINTS POSSIBLE)					
Preservation/Renewal of Existing	SCORE	-2	to	+5	2
Complete Streets	SCORE	-2	to	+5	1
	SUBTOTAL	**-4**	**to**	**+10**	**3**
MULTI-MODALISM (10 POINTS POSSIBLE)					
Transit	SCORE	-2	to	+5	0
Pedestrian	SCORE	-1	to	+3	0
Bicycle	SCORE	-1	to	+2	0
	SUBTOTAL	**-4**	**to**	**+10**	**0**
ENVIRONMENT & HEALTH (8 POINTS POSSIBLE)					
Sensitive Area Protection/Mitigation	SCORE	-1	to	+2	0
Greenhouse Gas Emissions Reduction	SCORE	-1	to	+2	0
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	4
	SUBTOTAL	**-2**	**to**	**+5**	**4**
SAFETY & SECURITY (5 POINTS POSSIBLE)					
Additional Safety Benefit Beyond Crash History	SCORE	-1	to	+3	1
Security and Resiliency to Natural Hazards and Human Caused Events	SCORE	-1	to	+2	0
	SUBTOTAL	**-2**	**to**	**+5**	**1**
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	1
	SUBTOTAL	**-2**	**to**	**+5**	**1**
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**	**13**
Scaled to 50 points					**9.3**