

### #70 (S261) Guilderland Avenue Pavement Preservation Project



<b>Total Score = A+B (100 Points Max)</b>	<b>62.9</b>
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<b>A. Benefit/Cost Ratio Total (50 point cap)</b>	<b>50.0</b>
Benefit/Cost Ratio Subtotal	68.0
Total Benefits (\$1,000/Year)	1,616.0
Facility Life	1,601.3
Mobility	0.0
Safety	11.9
User Cost	2.8
Annualized Cost (\$1,000/Year)	23.8

<b>B. Merit Category Score (Scaled to 50 Points)</b>	<b>12.9</b>
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**CDTC Project Category:** Pavement Preservation

**Project Limits:** Curry Road (NY 7) to the Schenectady City Line (near Cleveland Avenue)

**Sponsor:** Schenectady County

**Sponsor Priority:** 4 in Pavement Category

**Total Cost:** \$0.375 M (includes match and inflation)

**Existing Pavement Rating:** 7

**Average Daily Traffic Volume:** 6,649

**Repair Type:** Cold Mill and 2" Hot Mix Asphalt Overlay

**Proposed Project Design Life:** 50 years

**Detailed Description:** Cold mill the existing hot mix asphalt surface and then place a 2 inch thick hot mix asphalt top course. Add 8 curb ramp nodes at all the Town intersections within the project limits, add approximately 100 feet of sidewalk and concrete curbing in front of the Bellevue Gospel Chapel, improve the two existing curb ramps at the Curry Road / Guilderland Avenue intersection.

**Roadway Functional Classification:** Guilderland Avenue is not a National Highway System facility and is classified as an Urban Minor Arterial road.

**Federal Fund Source Eligibility:** Surface Transportation Program

**Transportation Considerations:**

**Walking:** In CDTC Tier 1 Pedestrian District and will add new ADA curb ramps, 100 feet of sidewalk and curbing that will improve accessibility and safety for pedestrians.

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

**Transit:** Not on CDTC Transit Priority Network but on a transit route and adds a transit component (sidewalk) at a bus stop.

**Motor Vehicles/Freight:** Project has neutral affect (no known impact, positive or negative) on freight and/or goods movement.

**Other Considerations:** Project is in an Environmental Justice Area. Connects to a National Highway System route.

**Advisory Committee Comments:** None noted.

<b>MERIT CATEGORIES</b>	<b>NUMERIC VALUES</b>	<b>SCORE</b>
<b>COMMUNITY QUALITY OF LIFE &amp; EQUITY (10 POINTS POSSIBLE)</b>		
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	1
	<b>SUBTOTAL -4 to +10</b>	<b>2</b>
<b>APPROPRIATE INFRASTRUCTURE (10 POINTS POSSIBLE)</b>		
Preservation/Renewal of Existing	SCORE -2 to +5	2
Complete Streets	SCORE -2 to +5	1
	<b>SUBTOTAL -4 to +10</b>	<b>3</b>
<b>MULTI-MODALISM (10 POINTS POSSIBLE)</b>		
Transit	SCORE -2 to +5	2
Pedestrian	SCORE -1 to +3	3
Bicycle	SCORE -1 to +2	0
	<b>SUBTOTAL -4 to +10</b>	<b>5</b>
<b>ENVIRONMENT &amp; HEALTH (8 POINTS POSSIBLE)</b>		
Sensitive Area Protection/Mitigation	SCORE -1 to +2	0
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	0
	<b>SUBTOTAL -4 to +8</b>	<b>1</b>
<b>REGIONAL BENEFIT (5 POINTS POSSIBLE)</b>		
Benefit beyond project to transportation system or quality region	SCORE -2 to +5	1
	<b>SUBTOTAL -2 to +5</b>	<b>1</b>
<b>ECONOMIC DEVELOPMENT (5 POINTS POSSIBLE)</b>		
Economic Impact	SCORE -2 to +5	3
	<b>SUBTOTAL -2 to +5</b>	<b>3</b>
<b>SAFETY &amp; SECURITY (5 POINTS POSSIBLE)</b>		
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
	<b>SUBTOTAL -2 to +5</b>	<b>2</b>
<b>OPERATIONS &amp; TECHNOLOGY (5 POINTS POSSIBLE)</b>		
Traffic Operations & Reliability Improvements	SCORE -1 to +3	0
Use of Beneficial Advanced Technologies	SCORE -1 to +2	0
	<b>SUBTOTAL -2 to +5</b>	<b>0</b>
<b>FREIGHT (5 POINTS POSSIBLE)</b>		
Freight and Goods Movement	SCORE -2 to +5	0
	<b>SUBTOTAL -2 to +5</b>	<b>0</b>
<b>PERFORMANCE (3 POINTS POSSIBLE)</b>		
Anticipated Effect on all Performance Targets	SCORE -1 to +3	2
	<b>SUBTOTAL -1 to +3</b>	<b>2</b>
<b>INNOVATION (2 POINTS POSSIBLE)</b>		
Innovative Solutions	SCORE 0 to +2	0
	<b>SUBTOTAL 0 to +2</b>	<b>0</b>
<b>PROJECT DELIVERY (2 POINTS POSSIBLE)</b>		
On Schedule/On Budget	SCORE -2 to +2	-1
	<b>SUBTOTAL -2 to +2</b>	<b>-1</b>
<b>PROJECT MERIT CATEGORY SUB TOTAL</b>		
Total from Line Items Above	<b>SUBTOTAL -29 to +70</b>	<b>18</b>
Scaled to 50 points		<b>12.9</b>