

## #22 (A602) I-87 Exit 6 Interchange Safety Improvements

I-87 Exit 6, Town of Colonie,  
Albany County



<b>Total Score = A+B (100 Points Max)</b>	<b>7.1</b>
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<b>A. Benefit/Cost Ratio Total (50 point cap)</b>	<b>0.6</b>
Benefit/Cost Ratio Subtotal	0.6
Total Benefits (\$1,000/Year)	93.7
Facility Life	0.0
Mobility	0.0
Safety	93.7
User Cost	0.0
Annualized Cost (\$1,000/Year)	145.1

<b>B. Merit Category Score (Scaled to 50 Points)</b>	<b>6.4</b>
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**CDTC Project Category:** Safety

**Sponsor:** NYSDOT

**Sponsor Priority:** 1 in Safety Category

**Total Cost:** \$1.998 M (includes match and inflation)

**Existing Pavement Rating:** N/A

**Repair Type:** Eliminate yield condition with third lane

**Traffic Volume:** N/A

**Proposed Project Design Life:** 30 years

**Detailed Description:** Additional Merge Lane on both On-Ramps to I-87 from NY 7 eliminating the yield condition. The on ramps would each be widened to 3 lanes for an appropriate distance allowing for a merge instead of the existing yield.

**Roadway Functional Classification:** Ramps are National Highway System facilities and are classified as Urban Principal Arterial Interstate

**Fund Source Eligibility:** National Highway Preservation Program, Surface Transportation Program, Highway Safety Improvement Program (likely)

**Transportation Considerations:**

**Walking:** On interstate ramps.

**Biking:** On interstate ramps.

**Transit:** Does not add, upgrade, or remove transit components.

**Motor Vehicles/Freight:** Project is located on a NYSDOT designated Qualifying and/or Access Highway and provides direct access to the CDTC Freight Priority Network. Project should provide a travel time and/or reliability benefit.

**Other Considerations:** May qualify for Highway Safety Improvement Program funding. 2013-2018: 0 Fatalities, 0 Serious Injuries.

**Advisory Committee Comments:** Regional Operations and Safety Advisory Committee - There is a need for this project but it is possible that the funds could be spent on a higher priority.

MERIT CATEGORIES		NUMERIC VALUES	SCORE
<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	0
	<b>SUBTOTAL</b>	<b>-4 to +10</b>	<b>-1</b>
<b>APPROPRIATE INFRASTRUCTURE (10 POINTS POSSIBLE)</b>			
Preservation/Renewal of Existing	SCORE	-2 to +5	0
Complete Streets	SCORE	-2 to +5	0
	<b>SUBTOTAL</b>	<b>-4 to +10</b>	<b>0</b>
<b>MULTI-MODALISM (10 POINTS POSSIBLE)</b>			
Transit	SCORE	-2 to +5	0
Pedestrian	SCORE	-1 to +3	0
Bicycle	SCORE	-1 to +2	0
	<b>SUBTOTAL</b>	<b>-4 to +10</b>	<b>0</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	0
Alternative Fuels Support	SCORE	-1 to +2	0
Other Environmental/Health Benefit	SCORE	-1 to +2	0
	<b>SUBTOTAL</b>	<b>-4 to +8</b>	<b>0</b>
<b>REGIONAL BENEFIT (5 POINTS POSSIBLE)</b>			
Benefit beyond project to transportation system or quality region	SCORE	-2 to +5	2
	<b>SUBTOTAL</b>	<b>-2 to +5</b>	<b>2</b>
<b>ECONOMIC DEVELOPMENT (5 POINTS POSSIBLE)</b>			
Economic Impact	SCORE	-2 to +5	4
	<b>SUBTOTAL</b>	<b>-2 to +5</b>	<b>4</b>
<b>SAFETY &amp; SECURITY (5 POINTS POSSIBLE)</b>			
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
	<b>SUBTOTAL</b>	<b>-2 to +5</b>	<b>1</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</b>	<b>-2 to +5</b>	<b>0</b>
<b>FREIGHT (5 POINTS POSSIBLE)</b>			
Freight and Goods Movement	SCORE	-2 to +5	1
	<b>SUBTOTAL</b>	<b>-2 to +5</b>	<b>1</b>
<b>PERFORMANCE (3 POINTS POSSIBLE)</b>			
Anticipated Effect on all Performance Targets	SCORE	-1 to +3	1
	<b>SUBTOTAL</b>	<b>-1 to +3</b>	<b>1</b>
<b>INNOVATION (2 POINTS POSSIBLE)</b>			
Innovative Solutions	SCORE	0 to +2	0
	<b>SUBTOTAL</b>	<b>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</b>	<b>-2 to +2</b>	<b>1</b>
<b>PROJECT MERIT CATEGORY SUB TOTAL</b>			
Total from Line Items Above	<b>SUBTOTAL</b>	<b>-29 to +70</b>	<b>9</b>
Scaled to 50 points			<b>6.4</b>