

#16 (S259) Craig Street Pavement Rehabilitation



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| Total Score = A+B (100 Points Max) | 67.1 |
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| A. Benefit/Cost Ratio Total (50 point cap) | 50.0 |
| Benefit/Cost Ratio Subtotal | 58.4 |
| Total Benefits (\$1,000/Year) | 2,910.5 |
| Facility Life | 2,879.1 |
| Mobility | 0.0 |
| Safety | 29.6 |
| User Cost | 1.7 |
| Annualized Cost (\$1,000/Year) | 49.8 |

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| B. Merit Category Score (Scaled to 50 Points) | 17.1 |
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CDTC Project Category: Local Low Volume - Pavement Preservation

Project Limits: Albany Street to Wyllie Street

Sponsor: City of Schenectady

Sponsor Priority: 1 in Pavement Category

Total Cost: \$0.785 M (includes match and inflation)

Existing Pavement Rating: Ranges from 5 to 6

Average Daily Traffic Volume: 2,551

Repair Type: Mill and resurface

Proposed Project Design Life: 50 years

Detailed Description: Two inch Mill & Fill coupled with select full depth repairs. ADA compliant features will be included at every non-compliant intersection. High visibility, ladder bar style crosswalks will be installed at every crossing.

Roadway Functional Classification: Craig Street is not a National Highway System facility and is classified as an Urban Major Collector.

Federal Fund Source Eligibility: Surface Transportation Program

Transportation Considerations:

Walking: In a CDTC Tier 1 Pedestrian District; will improve pedestrian safety and accessibility.

Biking: Not on or connecting to bicycle network, but significantly improves bicycle infrastructure by reducing travel lanes and adding bike lanes.

Transit: On transit priority network; transit components potential but not committed.

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. CDTC Linkage Study for the Craig and Main Street corridor recently began to be completed by end of 2019. Will implement a Bicycle Master Plan recommendation. City clarified sidewalks are not a part of the project cost. Cost excludes \$250K in CDBG funds to put toward engineering/construction.

Advisory Committee Comments: Equity Advisory Committee supports this project.

| 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 | 1 |
| Accessibility / ADA / Universal Design/Human Services Transport | SCORE -1 to +2 | 1 |
| | SUBTOTAL -4 to +10 | 6 |
| APPROPRIATE INFRASTRUCTURE (10 POINTS POSSIBLE) | | |
| Preservation/Renewal of Existing | SCORE -2 to +5 | 2 |
| Complete Streets | SCORE -2 to +5 | 2 |
| | SUBTOTAL -4 to +10 | 4 |
| MULTI-MODALISM (10 POINTS POSSIBLE) | | |
| Transit | SCORE -2 to +5 | 0 |
| Pedestrian | SCORE -1 to +3 | 3 |
| Bicycle | SCORE -1 to +2 | 1 |
| | SUBTOTAL -4 to +10 | 4 |
| 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 | 0 |
| | SUBTOTAL -4 to +8 | 0 |
| REGIONAL BENEFIT (5 POINTS POSSIBLE) | | |
| Benefit beyond project to transportation system or quality region | SCORE -2 to +5 | 2 |
| | SUBTOTAL -2 to +5 | 2 |
| 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 | 1 |
| | SUBTOTAL -1 to +3 | 1 |
| 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 | 2 |
| | SUBTOTAL -2 to +2 | 2 |
| PROJECT MERIT CATEGORY SUB TOTAL | | |
| Total from Line Items Above | SUBTOTAL -29 to +70 | 24 |
| Scaled to 50 points | | 17.1 |