

**US 4 Mill & Fill Paving w/ADA Compliance Work****PROJECT TYPE:** Pavement Preservation

**PROJECT LOCATION(S):** On US 4 from just to the north of the Village of Waterford/Town of Halfmoon Line to NY 146 (Reference Markers 4 1502 1010 to 1074) and from the Town of Halfmoon/City of Mechanicville Line to Park Avenue (Reference Markers 4 1502 2000 to 2011). Project is in the Town of Halfmoon and the City of Mechanicville, Saratoga County.

**SPONSOR(S):** NYSDOT**FACILITY OWNER(S):** NYSDOT and the City of Mechanicville

**DESCRIPTION:** Mill the surface to a depth of 1 ½" to 2" and replace the wearing surface. Isolated repairs will also be incorporated to address isolated areas of deeper distress. Deficient ADA ramps and features will be addressed within the project limits. NYSDOT anticipates addressing at least one ramp, and up to 1442' SB and 1894' NB of sidewalk. Paved shoulders will improve the riding surface for bicyclists and 11' travel lanes with 4' shoulders will be evaluated in the design process.

**COST (INCLUDES MATCH):** \$3.777 M**DESIGN LIFE OF PROPOSED PROJECT (YEARS):** 15

**CURRENT CONDITION:** 6 from Reference Marker 4 1502 1010 to Ramp to South Main St; 9 from Ramp to South Main St to Reference marker 4 1502 1074; 8 from Reference marker 4 1502 2000 to 0.1 miles N of 2001; 6 from 0.1 miles N of 2001 to 2011

**NHS AND FUNCTIONAL CLASS (IF APPLICABLE):** On NHS from Reference markers 4 1502 1010 to 1074 (classified as 14 - Principal Urban Arterial Other). Not on NHS from Reference markers 4 1502 2000 to 2011 (classified as 16 - Urban Minor Arterial).

**ANNUAL FACILITY VALUE (THOUSANDS):** \$18,125

**TRAFFIC OR OTHER VOLUME DATA (IF APPLICABLE):** Ranges from 5,403 to 14,311 (NYSDOT Traffic Data Viewer, 2013)

|   |             |
|---|-------------|
| <b>PROJECT TOTAL SCORE (UP TO 100 POINTS)</b> | <b>32.6</b> |
| MERIT CATEGORY SCORE SCALED *                 | 12.08       |
| B/C RATIO (MAX. 50)                           | 20.5        |

\*See page 2 for individual merit category scores.

|  |             |
|--|-------------|
| <b>BENEFIT/COST RATIO (CALCULATED)</b> | <b>20.5</b> |
| Total Benefits (\$1,000's/Year)        | 7,855       |
| Safety                                 | 277         |
| Travel Time                            | N/A         |
| Operating                              | N/A         |
| User Cost                              | 138         |
| Facility Life                          | 7,541       |
| Annualized Cost (\$1,000's/Year)       | 389         |

**FUND SOURCE ELIGIBILITY:** NHPP (only from reference markers 4 1502 1010 to 1074) and STP Flex**BIKE/PED ADVISORY COMMITTEE COMMENTS:** Tier 1 pedestrian district.**SPONSOR PRIORITY:** Tier 1**OTHER CONSIDERATIONS:** None.**ELIGIBILITY ISSUES:** None identified.

| MERIT CATEGORIES   |          | NUMERIC VALUES |    |     | SCORE |
|--|----------|----------------|----|-----|-------|
| REGIONAL BENEFIT (5 POINTS POSSIBLE)                               |          |                |    |     |       |
| Benefit beyond project to transportation system or quality region  | SCORE    | -2             | to | +5  | 0     |
|  | SUBTOTAL | -2             | to | +5  | 0     |
| COMMUNITY QUALITY OF LIFE & EQUITY (10 POINTS POSSIBLE)            |          |                |    |     |       |
| Land Use Compatibility   | 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     |
|  | SUBTOTAL | -4             | to | +10 | 2     |
| APPROPRIATE INFRASTRUCTURE (10 POINTS POSSIBLE)                    |          |                |    |     |       |
| Preservation/Renewal of Existing                                   | SCORE    | -2             | to | +5  | 5     |
| Complete Streets   | SCORE    | -2             | to | +5  | 2     |
|  | SUBTOTAL | -4             | to | +10 | 7     |
| MULTI-MODALISM (10 POINTS POSSIBLE)                                |          |                |    |     |       |
| Transit  | SCORE    | -2             | to | +5  | 0     |
| Pedestrian   | SCORE    | -1             | to | +3  | 3     |
| Bicycle  | SCORE    | -1             | to | +2  | 2     |
|  | SUBTOTAL | -4             | to | +10 | 5     |
| ENVIRONMENT & HEALTH (8 POINTS POSSIBLE)                           |          |                |    |     |       |
| Sensitive Area Preservation/Mitigation                             | SCORE    | -1             | to | +2  | 0     |
| Greenhouse Gas Emissions Reduction                                 | SCORE    | -1             | to | +2  | 0     |
| Alternative Fuels Support  | SCORE    | -1             | to | +2  | 0     |
| Other Health Benefit   | SCORE    | -1             | to | +2  | 0     |
|  | SUBTOTAL | -4             | to | +8  | 0     |
| ECONOMIC DEVELOPMENT (5 POINTS POSSIBLE)                           |          |                |    |     |       |
| Economic Impact  | SCORE    | -2             | to | +5  | 1     |
|  | SUBTOTAL | -2             | to | +5  | 1     |
| 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 Beneficent 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     |
| 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 (calculated)                      | SUBTOTAL | -28            | to | +67 | 16    |