



# Engineering and Land Surveying, P.C.

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TO: Ms. Barbara McHugh, Community Development Director, Town of Clifton Park  
Mr. Nelson Ronsvalle, Grant Coordinator, Town of Halfmoon

FROM: Mr. Eric Williams, P.E., Project Manager, M.J. Engineering and Land Surveying, P.C. (MJ)

RE: Construction Funding – PIN 1757.36, TIP SA 217, Joint Multi-Use Path Project  
Crescent Road / Vischer Ferry Road  
**TIP Amendment**

DATE: February 17, 2012

CC: Mr. Frank Bonafide, NYSDOT, Region 1  
Mr. Glenn Posca, CDTC

The Final Design Report for this project is in the process of being submitted to NYSDOT by February 17, 2012. It contains an alternate that best meets the project objectives and has a revised estimate of \$1,131,945 (see attached Preferred Alternative Project Costs).

Below is TIP Amendment:

## **TIP SA 217 (PIN 1757.36) Joint Multi-Use Path Project, Crescent Road / Vischer Ferry Road**

The cost of this project has increased due to two factors. First, this project was added to the 2005-2010 TIP with a total of \$0.790M. Then, in November 2006, the two spot improvements were added by amendment, bringing the total to \$0.851M. But, due to some confusion during the 2010-15 TIP Update, the funding was set back to the original \$0.790M in error. Therefore, the first \$0.061M of the proposed increase is to correct this error. Second, the cost increase can be attributed to inflationary increases in labor and materials over an approximately eight-year time span. The scope of the original project has not undergone significant changes other than additional Right-of-Way costs. The total increase is \$0.342M.

| TIP Project                        | Current TIP Data |        |       |       | Proposed TIP Data |        |       |       |
|------------------------------------|------------------|--------|-------|-------|-------------------|--------|-------|-------|
|                                    | Amount           | Source | Phase | Year  | Amount            | Source | Phase | Year  |
| SA 217: Joint<br>Multi-Use<br>Path | \$0.071M         | CMAQ   | P     | 08-10 | \$0.071M          | CMAQ   | P     | 08-10 |
|                                    | 0.071            | CMAQ   | D     | 08-10 | 0.083             | CMAQ   | D     | 08-10 |
|                                    | 0.061            | CMAQ   | C     | 08-10 | 0.061             | CMAQ   | C     | 12-13 |
|                                    | 0.587            | CMAQ   | C     | 12-13 | 0.861             | CMAQ   | C     | 12-13 |
|                                    | NA               | NA     | NA    | NA    | 0.056             | CMAQ   | R     | 12-13 |

Construction funding for this project includes inspection (supervision):

☒ yes    no    NA (please check one).



| Preferred Alternative Project Costs   |         |                                |
|---|---------|--------------------------------|
| Activities  |         | Preferred Alternate (Combined) |
| Design Costs  |         | \$154,000                      |
| Construction Costs  | Highway | \$610,000                      |
| SPDES Permit Compliance   |         | -                              |
| Incidentals 10%   |         | \$61,000                       |
| Subtotal (2011 Dollars)   |         | \$671,000                      |
| Contingency (10% @ Design Approval)   |         | \$67,100                       |
| Subtotal (2011 Dollars)   |         | \$738,100                      |
| Field Change Order (4%)   |         | \$29,524                       |
| Subtotal (2011 Dollars)   |         | \$767,624                      |
| Mobilization (4%)   |         | \$30,705                       |
| Subtotal (2011 Dollars)   |         | \$798,329                      |
| Expected Award Amount (Inflated @ 2%/yr to midpoint of construction (2013 Dollars)) |         | \$830,581                      |
| Construction Support Services (2%)  |         | \$16,612                       |
| Construction Inspection (9%)  |         | \$74,752                       |
| ROW Costs   |         | \$56,000                       |
| Total Alternative Costs   |         | <b>\$1,131,945</b>             |