

CITY OF MECHANICVILLE
MAYOR
36 NORTH MAIN STREET
MECHANICVILLE, N.Y. 12118

MAYOR: DENNIS BAKER
Phone: 518-664-8331 Fax: 518-664-2245

April 24, 2014

Michael V. Franchini
Capital District Transportation Committee
One Park Place
Albany, NY 12205-2676

**Re: Tip Amendment for SA262 (PIN 1758.94) – Frances Street over the Anthony Kill
Bridge Replacement (BIN 2202950)
City of Mechanicville, Saratoga County, NY**

Dear Mr. Franchini,

Please see the below request for a TIP amendment regarding project SA262 (PIN 1758.94) Frances Street over the Anthony Kill Bridge Replacement (BIN 2202950) in the City of Mechanicville.

1. TIP #SA 262 (PIN 1758.94): Frances Street over the Anthony Kill, Bridge Replacement (BIN 2202950)

The City of Mechanicville requests that the funding for construction and construction inspection currently on the TIP for federal fiscal year (FFY) 2014 regarding the above mentioned project be increased as shown in the table below. Also, additional funding for the detailed design phase would be required to be added to the TIP as shown in the table below. The update would result in an overall increase of \$794,000 to the project funding that is currently on the TIP.

The current TIP stipulates that the project is a "Bridge Repair or Bridge Replacement" however, thru the course of the preliminary design, it has been determined that complete bridge replacement is the preferred alternative. The TIP should be updated to reflect that this is a Bridge Replacement project.

The existing bridge carries a gravity sanitary sewer line that collects sewer flows along Frances Street, crosses the bridge and discharges into the main trunk sewer running along North Main Street. The existing sewer line is currently located approximately six feet above the creek level and is exposed to possible damage from stream flows and floating debris during flood events. The replacement bridge will include relocation of the sewer line to be raised up and protected by the new structure. Due to the sewer line being a gravity type system, the project design and construction will include the installation of a small pump station located on the west side of the Anthony Kill to convey the sewer flows up and across the new bridge structure. The additional funding for detailed design that is being requested is for design and permitting services associated with the sanitary sewer pump station.

Throughout the course of the project design, several factors have contributed to the increase in the estimated construction and construction inspection costs. The relocation of the sanitary sewer and construction of the sewer pump station as discussed above was not anticipated when the initial construction cost estimate was developed. Additionally, the bridge abutments and wingwalls on the east side of the structure support the North Main Street roadway along with the public underground water and sewer utilities that extend along North Main Street. Due to the proximity of the public infrastructure (roadway and utilities) to the east side of the


bridge, the existing abutment and wingwalls are proposed to be replaced with a new concrete retaining wall (120 feet long) to allow for uninterrupted operation of North Main Street and the referenced utilities. Also, due to the urban character of the project site, the bridge reconstruction activities will directly abut two residential/commercial buildings and will need to utilize specialized construction methods in order to avoid impacts to the building foundations. The requested funding increase for construction and construction inspection of approximately 30% is to account for the extra costs associated with the sewer pump station, utility relocations, retaining wall construction and protection of adjacent buildings. The construction inspection cost increase requested is reflective of NYSDOT's position on manpower needs associated with FHWA's inspection and reporting requirements.

It is noted that the City of Mechanicville is submitting a concurrent TIP Update request for SA 261, North Main Street over the Anthony Kill Bridge Replacement. We hereby request that the funding reduction that is currently being requested on project SA 261 be considered as an offset for the increase that is being requested for this project (SA 262).

The City of Mechanicville fully supports this project as it aims to replace this 100 year old structure that serves as a connector route between a residential area and the City's downtown and business district. The replacement bridge will better serve motorists, emergency services and pedestrians alike.

TIP Project	Current TIP Data				Proposed TIP Data			
	Amount	Fund Source	Phase	FFY Year	Amount	Fund Source	Phase	FFY Year
SA 262: Frances Street over Anthony Kill, Bridge Replacement, BIN 2202950	N/A	STP-BR	D	2014	0.075 M	STP-BR	D	2014
	0.351 M	STP-BR	R	2014	0.351 M	STP-BR	R	2014
	1.565 M	STP-BR	C	2014	2.230 M	STP-BR	C	2014
	0.176 M	STP-BR	CI	2014	0.230 M	STP-BR	CI	2014

Construction funding for this project includes inspection (supervision)
 ___ yes X no ___ NA

Very truly yours,

 Dennis Baker
 Mayor, City of Mechanicville