



## RENSSELAER COUNTY DEPARTMENT of ENGINEERING and HIGHWAYS

**Kathleen M. Jimino**  
County Executive

**Wayne E. Bonesteel, P.E.**  
County Engineer  
*wbonesteel@rensco.com*

October 29, 2012

Michael V. Franchini  
Executive Director  
Capital District Transportation Committee  
One Park Place, Main Floor  
Albany, New York 12205-2676

**Subject:**

**Proposed TIP Amendments  
TIP Project No. R196, R287, and R289**

Dear Mr. Franchini:

We are requesting amendments to the following TIP projects for consideration by the Planning Committee at the November 7, 2012 meeting:

- 1) R196 (NYSDOT PIN 1754.68), BIN 3303340 – CR 111 Bridge (Pittstown-Johnsonville Road) over the Hoosic River. This project is a “Beyond Preservation” candidate with a Computed Condition Rating = 3.531 and a structure age = 121 years.
- 2) R287 (NYSDOT PIN 1758.15), BIN 3303610 – CR 68 Bridge over the Wynantskill Creek. This project is not a “Beyond Preservation” candidate with a Computed Condition Rating = 4.633 and a structure age = 67 years.
- 3) R289 (NYSDOT PIN 1758.14), BIN 3304080 – CR 114 Bridge over Powamppokonk Creek. This project is a “Beyond Preservation” candidate with a Computed Condition Rating = 4.353 and a structure age = 62 years.

We would appreciate the opportunity to more fully explain the evolution and current status of these projects with CDTC and NYSDOT staff prior to the November 7, 2012 Planning Committee meeting. Please let us know if you need any additional information. Thank you for your assistance on these projects.

Sincerely,

Handwritten signature of Wayne E. Bonesteel in black ink.

Wayne E. Bonesteel, P.E.  
County Engineer

CC: Karen Hulihan, P.E. – NYSDOT Local Projects Liaison

**TIP PROJECT NUMBER: R196 (NYSDOT PIN 1754.68), BIN 3303340 – CR 111 Bridge**

The amendment is proposed due to the following:

- Scope Change
- Cost Change
- Schedule Change
- Other

**EXPLANATION FOR REQUESTED CHANGE:**

The existing CR 111 bridge is an approximately 200 foot long pin-connected eye bar Pratt thru truss structure constructed in 1891. The existing bridge is categorized as a National Eligible Historic Bridge and is one of the few remaining Pratt thru trusses in New York State. As part of the all agency review process, the New York State Historic Preservation Office has stated that the historic value of the existing bridge should be maintained and demolition of it would cause an “adverse effect”. Based on this, the preferred alternative involves building a new, two span structure adjacent to the existing crossing and modifying the existing Pratt truss for pedestrian/fishing access and use.

The primary objective of this project is to reestablish a safe bridge, free of structural deficiencies and able to sustain a rating of 5 or greater for at least 75 years, where County Route 111 (Pittstown-Johnsonville Road) crosses the Hoosic River. Additional project objectives include:

- Eliminate deficient bridge width;
- Establish an efficient river crossing for local fire trucks, dump trucks, snow plows, modern trucks, and large farm equipment.

The purpose of this TIP amendment is to increase the estimated project cost so the objectives of the project can be realized in conjunction with the opinion of the New York State Historic Preservation Office. The proposed amendment is detailed in the table below. Rensselaer County would greatly appreciate assistance from CDTC, NYSDOT and the Planning Committee in funding this project through a TIP amendment and is offering TIP Projects R287 and R289 as possible offsets. The existing bridge is load posted for 10 tons and is one of the few Hoosic River crossings along the Northern boarder of Rensselaer County. The current load restriction greatly impacts emergency response delivery, municipal maintenance activities, restricts the transport of goods and materials, and inhibits the mobilization of farm equipment.

Project	Current TIP Data (Using STIP \$ Amount)				Proposed TIP Data (Using STIP \$ Amount)			
	Total Amount (\$)	Fund Source	Phase	Year	Total Amount(\$)	Fund Source	Phase	Year
R196 (1754.68)	0.060	HBRR	R	2011-12	0.060	HBRR	R	2012-13
	0.142	HBRR	D	2011-12	0.273	HBRR	D	2012-13
	3.7	HBRR	C	2012-13	4.96	HBRR	C	2012-13
<b>Totals</b>	<b>3.902</b>				<b>5.293</b>			

**Construction funding for this project includes inspection (supervision):**

  X   Yes                               No

**TIP PROJECT NUMBER: R287 (NYS DOT PIN 1758.15), BIN 3303610 – CR 68 Bridge**

The amendment is proposed due to the following:

- Scope Change
- Cost Change
- Schedule Change
- Other

**EXPLANATION FOR REQUESTED CHANGE:**

In addition to providing an offset for the proposed TIP amendment to R196, this proposed schedule change will provide Rensselaer County with a more manageable Federal-Aid bridge program.

Project	Current TIP Data (Using STIP \$ Amount)				Proposed TIP Data (Using STIP \$ Amount)			
	Total Amount (\$)	Fund Source	Phase	Year	Total Amount(\$)	Fund Source	Phase	Year
R287 (1758.15)	0.051	HBRR	P	2012-13	0.051	HBRR	P	2013-14
	0.150	HBRR	D	2012-13	0.150	HBRR	D	2013-14
	1.211	HBRR	C	2013-14	1.211	HBRR	C	2014-15
<b>Totals</b>	<b>1.412</b>				<b>1.412</b>			

**Construction funding for this project includes inspection (supervision):**

  X   Yes                             No

**TIP PROJECT NUMBER: R289 (NYS DOT PIN 1758.14), BIN 3304080 – CR 114 Bridge**

The amendment is proposed due to the following:

- Scope Change
- Cost Change
- Schedule Change
- Other

**EXPLANATION FOR REQUESTED CHANGE:**

In addition to providing an offset for the proposed TIP amendment to R196, this proposed schedule change will provide Rensselaer County with a more manageable Federal-Aid bridge program.

Project	Current TIP Data (Using STIP \$ Amount)				Proposed TIP Data (Using STIP \$ Amount)			
	Total Amount (\$)	Fund Source	Phase	Year	Total Amount(\$)	Fund Source	Phase	Year
R289 (1758.14)	0.013	HBRR	P	2011-12	0.013	HBRR	P	2013-14
	0.028	HBRR	D	2011-12	0.028	HBRR	D	2013-14
	0.727	HBRR	C	2012-13	0.727	HBRR	C	2014-15
<b>Totals</b>	<b>0.768</b>				<b>0.768</b>			

**Construction funding for this project includes inspection (supervision):**

  X   Yes                             No