



July 10, 2019

**Bridge Rating and Rehabilitation Report Updates for Olde Oneida Street Bridge -Amendment #1
Unit R-18**

Mr. Chad M. Weyenberg, P.E.
City of Appleton Department of Public Works
100 North Appleton Street
Appleton, WI 54911

Dear Mr. Weyenberg:

The application for bridge funding for the Olde Oneida Street Bridge over South Mill Race, Bridge P44-723 is due to WisDOT in the fall of 2019. A rehabilitation report for this bridge was previously completed in 2017. As you are aware, the eligibility for bridge funding is based on a bridge's sufficiency rating (SR). Bridges with an SR between 50 and 80 are eligible for rehabilitation, and bridges with an SR less than 50 are eligible for replacement. The current SR for the bridge is 51.5 and the bridge is therefore currently eligible for rehabilitation.

Recent inspections of the bridge, however, have noted that multiple girders are exhibiting deterioration that likely affect the bridge's load rating capacity. This reduced load capacity may in turn reduce the bridges SR below the SR 50 threshold and result in the bridge being eligible for replacement funding. It is our recommendation that an updated load rating be prepared to determine the effects of recent deterioration on the load carrying capacity of the bridge. Collins proposes to perform this load rating for a cost not to exceed \$4,400. The rating will include the submittal to WisDOT of the required load rating forms and calculations.

This amendment also includes the costs to update the 2017 rehabilitation report if it is determined that the reduced load rating does not result in the bridge being eligible for replacement. The cost to revise the Rehabilitation Report in this case is estimated to be \$2,800. Please note, this cost does not include any analysis of the bridge foundations if required by WisDOT for the Rehabilitation Report.

If you should have any questions regarding this submittal, please do not hesitate to contact me at (920) 434-9857/smiller@collinsengr.com.

Very truly yours,

COLLINS ENGINEERS, INC.

Steven J. Miller, P.E.
Regional Manager

SJM:
Enclosure