



## MEMO

**To:** Dave Plyman, City Manager  
**CC:** Tim Isley, Supt. of Street Division  
Curt Ward, Engineering Technician  
Brent Wagner, City Attorney (via council packet)  
**From:** Sam Tesreau – City Engineer  
**Date:** March 21, 2017  
**Re:** 2017 – 1<sup>st</sup> Avenue Bridge Repair

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1. The City Engineering Department anticipates several roadway bridge replacements and/or repairs over the next few years within the City of Rochelle due to aging infrastructure in excess of 50 years old. The 1<sup>st</sup> Avenue bridge, over the Kyte River, is one of those structures that have been experiencing problems with certain components of the substructure. More particularly there has been pile section loss occurring that will need to be addressed. Most recently it has been determined by the City's consultant Wendler Engineering, through routine bridge inspections, and other supporting calculations by the Illinois Department of Transportation bureau of bridges and structures (IDOT BBS) that the 1<sup>st</sup> Avenue structure will need to be posted at a reduced weight carrying capacity.
2. The City Engineering Department has received notice from the IDOT BBS that the bridge will need to be posted to reduced weights depending upon the type of vehicle. Therefore, in an effort to restore some or all of the legal weight carrying capacity it has been determined that pile sections can be repaired in the interim. The project is considered an emergency repair and therefore bidding requirements will need to be waived. The repairs will be funded in the FY 2017 budget through the capital improvements fund #36-00-86090. It is expected the repairs will be substantially complete by May 8<sup>th</sup>, 2017. Martin and Company has submitted a proposal to complete the identified bridge repairs in an amount not to exceed \$28,700.
3. Please consider acceptance of the proposal by Martin and Company to complete the repairs in accordance with plans and specifications prepared by Wendler Engineering and approved by the IDOT BBS for the 1<sup>st</sup> Avenue Bridge repairs as described herein. Furthermore, City Council will need to waive any bidding requirements for the project.