



CITY OF MANITOWOC

WISCONSIN, USA
www.manitowoc.org



Date: October 23, 2020

To: Public Infrastructure Committee

From: Greg Minikel, P.E., Engineering Division Manager

Re: North 5th & Pine St. Flooding Issues – Request for Additional Funding (Item #20-0891)

Our surveyor has spent many, many hours collecting data in this area to determine the best way to resolve this flooding problem. He determined that the existing storm sewer outfall on the end of Fenway Terrace draining into the Little Manitowoc River which carries the stormwater from N. 5th and Pine St. is currently completely underwater. This is drastically reducing the storm sewer pipe's capacity. Therefore, to simply add more storm inlets to this system as originally planned does not make any sense at this time. We started to look for other solutions.

The current recommendation for solving or at a minimum greatly improving the current flooding issues at North 5th and Pine St. is to install a new storm sewer on Lincoln Blvd. from Waldo Blvd. to Pine St. (See attached plan). In addition, we will install several new storm inlets at the intersection of Pine St. and Lincoln Blvd. to capture the surface water. When we reviewed video of the rain storms, there is a very large volume of surface stormwater coming to the southeast corner of the intersection of Pine St. and Lincoln Blvd. By taking this stormwater down to Waldo Blvd. and getting this flow off of the Pine St. system should help greatly. The Waldo Blvd. outfall is not underwater, so it can discharge larger volumes of stormwater.

We have received 3 quotes for this work that ranged from \$70,500 to \$89,900. (See attached quotes). The PI Committee, CAWG and Finance previously approved \$50,000 for this project. We are now requesting the PI Committee to approve up to an additional \$40,000 to complete the proposed project. This request will also be brought to the CAWG and Finance Committee.

We recommend the PI Committee to take the following actions regarding this request:

1. Approval of an additional \$40,000 to complete the proposed project.
2. Approval to publicly bid this project in early 2021, with a scheduled completion date of May 15th, 2021.

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