

MEMORANDUM

Date: November 10, 2014

To: Steven D. Powers
City Administrator

From: Craig Hupy 
Public Services Area Administrator

RE: Emergency Repair Sanitary Sewer Manholes on Zina Pitcher Place and Huron Street

Earlier this year Field Operation's forwarded the information to the Project Management regarding the deteriorating condition of two existing sanitary sewer structures located within Zina Pitcher Place near the intersection with Huron Street; and on Huron Street in the westbound lane between Zina Pitcher Pl. and Glen Ave.

In depth investigation revealed that the manhole located at Zina Pitcher is a narrow structure 25 feet deep. A part of the manhole bottom has deteriorated, a hole has developed in the brick wall at the bottom of the structure and a void has developed in the soil beyond the manhole wall which threatens the stability of the overlaying roadway. The 8-inch inlet pipe from the south is believed to be collapsed and buried.

The structure located in Huron Street is about 20 feet deep and has a deteriorating bottom, bricks falling from manhole walls and inlet/outlet pipes in need of repair.

It is the opinion of staff that allowing these structures to deteriorate any further may result in sanitary sewer and road failure.

Project Management solicited quotes from eight contractors who have the necessary experience in performing this type of work. A quote was received from one contractor, Doetesch Environmental Services, in amount of \$85,000 to rehabilitate the structures. The remaining contractors contacted were either unable to or not interested in, performing the work. Doetesch Environmental Services proposes to combine structural repairs with patented manhole lining technology which should eliminate the need for excavation and minimize inconvenience to pedestrian and vehicular traffic.

This work is scheduled to be performed in winter of 2015.

As provided in City Code 1:317, the Project Management Unit of the Public Services Area is seeking an emergency authorization from the City Administrator to grant approval not to exceed \$85,000 of spending authority with Doetsch Environmental Services to expedite repairs of the deteriorating sanitary sewer structures. Funding for this project is available in the approved sanitary sewer fund capital budget. Staff will prepare the appropriate resolution for Council adoption at the next available meeting as required by City Code.



Approval
Steven D. Powers
City Administrator

Cc: Nicholas Hutchinson, P.E., City Engineer