



## CITY OF MARSHALL AGENDA ITEM REPORT

<b>Meeting Date:</b>	Tuesday, March 9, 2021
<b>Category:</b>	CONSENT AGENDA
<b>Type:</b>	ACTION
<b>Subject:</b>	Project Z78: Storm Structure Outfall Improvements Project - Consider Approval of Plans and Specifications and Ordering Advertisement for Bids.
<b>Background Information:</b>	<p>The purpose of this project is to add stormwater manholes at two different locations to aid city staff with flood fighting operations when we have high water events in County Ditch 70 (CD 70) and the Redwood River Diversion Channel. This project spawned from city staff experience with the high water events of 2018 and 2019.</p> <p><u>S. Saratoga Street:</u> The proposal at this location includes the installation of a storm water manhole on the west side of S. Saratoga Street near the bend of CD 70. The city has a 30" storm water outfall at this location that drains the Carr Estates neighborhood. Staff is also proposing to install an in-line backflow preventer in the stormwater pipe to help prevent CD 70 from backing into the city storm sewer system during high water events.</p> <p><u>Redwood River Diversion Channel:</u> The proposal at this location includes the installation of a storm water manhole just upstream of a 54" storm water outfall into the Diversion Channel. The location of this installation is approximately 775-FT east of US 59, near 800 N US 59. The new manhole will provide city staff with a suitable location to install pumps in the event of high water levels in the Diversion Channel.</p>
<b>Fiscal Impact:</b>	The project cost estimate is \$71,667, including 10% contingency and 16% engineering. The project was originally included in the 2020 CIP. We did not complete the project in 2020 due to US Army Corps of Engineers permitting concerns. The project was carried over into the 2021 CIP and will be funded by the Surface Water Management Utility.
<b>Alternative/ Variations:</b>	No alternative actions recommended.
<b>Recommendation:</b>	that the Council approve the plans and specifications and authorize advertisement for bids for Project Z78: Storm Structure Outfall Improvements Project.