



## CITY OF MARSHALL AGENDA ITEM REPORT

|                                 |   |
|---------------------------------|---|
| <b>Meeting Date:</b>            | Tuesday, June 8, 2021   |
| <b>Category:</b>                | NEW BUSINESS  |
| <b>Type:</b>                    | ACTION  |
| <b>Subject:</b>                 | Tiger Lake Lift Station Control System Upgrade.   |
| <b>Background Information:</b>  | <p>The Tiger Lake stormwater pond is a critical piece of flood control infrastructure for the City of Marshall. Tiger Lake serves as a flood control and water quality basin for approximately 500 acres of predominately residential city development. The elevations in this area require a lift station comprised of four pumps to transmit the water through a 42" concrete pipe from the pond to the Redwood River at Memorial Park.</p> <p>As this is a critical piece of our stormwater management system, City staff would like to include this lift station in our supervisory control and data acquisition (SCADA) system. We already have fiber availability at this location and by upgrading the control panel for this lift station we can include this lift in our SCADA system. This will allow City staff to monitor and control pumps at this lift station remotely instead of having to physically visit the site.</p> |
| <b>Fiscal Impact:</b>           | The control panel upgrade is quoted at \$30,668. The Stormwater Management Utility (SWMU) recently received a refund from the US Army Corps of Engineers (USACE) in the amount of \$129,661.99 for electing to not participate in the Levee Improvements/Betterments project. City staff would propose to use some of these funds to cover this cost.   |
| <b>Alternative/ Variations:</b> | No alternative actions recommended.   |
| <b>Recommendation:</b>          | that the Council authorize the upgrade of the Tiger Lake Lift Station control system in the amount of \$30,668.00 with Automatic Systems Co. of St. Paul, Minnesota, per the attached proposal dated April 16, 2021.  |