



Engineering Memorandum

June 13, 2024

RE: June 18th Commission Meeting

SANITARY SEWER MANHOLE REPAIR PROJECT CONTRACT TO MOORE ENGINEERING, INC.

For your consideration is a contract with Moore Engineering, Inc. to provide engineering services for the Sanitary Sewer Manhole Repair project for an hourly not to exceed amount of **\$29,000.00**. A legal review of this task order has been completed.

As part of the requested services for the City of Dickinson project 202414 - 10th Ave East – Villard to Museum Drive, a sanitary sewer manhole inspection was request. This request was due to the feedback from Public Works staff about the Hydrogen Sulfide (H₂S) gas present along the sanitary sewer main which was generated from the upstream lift station. The results of the inspection can be seen in the attached technical memorandum prepared by Moore Engineering, Inc. Based on the findings in the technical memorandum which included 21 manholes, concrete degradation varied from “Good Condition. No Deterioration” to “Epoxy coating completely missing and mortar severely deteriorated”.

As an effort to review manholes throughout the City of Dickinson that are downstream of lift stations where H₂S gas is probable, inspections will be completed to baseline the findings for the approximately 45 sanitary sewer manholes, provide a technical memorandum, aid in determining the scope of work and next phase of engineering and design work required, and aid in efforts to find possible funding sources for the future manhole repairs.

After this scope of work is completed, a contract amendment will be provided to define the schedule, scope of work, and fee estimate related with completing engineering and design and bid support for the project. This work is anticipated to be completed during the calendar year of 2024. Manhole repairs are anticipated to be completed late 2024 or more likely during the construction season of 2025.

The City Engineering and Public Works staff recommends approval.

