

AGENDA REPORT

DATE August 3, 2004

ITEM: FINAL PAY REQUEST: 10th AVENUE NORTH SANITARY SEWER UPGRADES,
(NORTHEAST INTERCEPTOR UPSIZING), O.F. 1174.8

INITIATED BY: PUBLIC WORKS DEPARTMENT/ENGINEERING DIVISION

ACTION REQUESTED: APPROVE FINAL PAY REQUEST

PRESENTED BY: JIM REARDEN, PUBLIC WORKS DIRECTOR

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RECOMMENDATION: Staff recommends that Final Payment to Phillips Construction on the 10th Avenue North Sanitary Sewer Upgrades, (O.F. 1174.8) be approved and the necessary documents executed by the City Manager.

MOTION: "I move the City Commission approve the Final Pay Request for Phillips Construction in the amount of \$20,744.17 and payment of \$209.54 to the State Miscellaneous Tax Division for the 10th Avenue North Sanitary Sewer Upgrades, (O.F. 1174.8), and authorize the City Manager to make the payments."

SYNOPSIS: Bids were opened on May 5, 2004. Phillips submitted the lowest responsible bid of \$211,750. The engineer's estimate for the project was \$275,000.

In late 2003, it was discovered that the Northeast Interceptor sanitary sewer was in need of major repairs and/or replacement. The urgency of this work was increased due to the Montana Department of Transportation project to pave 10th Avenue North as a detour route for the Northeast Bypass reconstruction.

This contract accomplished three objectives. First, the deteriorated concrete sewer main was replaced with a new PVC plastic main that is impervious to deterioration by sewer gases. Second, the new main is larger than the old main, which will allow for future development of the ethanol plant or other growth. Third, the old sewer was rehabilitated with a liner and converted to use as a storm sewer to serve the Electric City Soccer Park and adjacent areas.

BACKGROUND: This project upgrades a portion of the Northeast Interceptor Sewer in 10th Avenue North. The Montana Department of Transportation (MDT) plans to use 10th as a detour route while they reconstruct the 57th Street Northeast Bypass.

This project installed approximately 3,200 feet of new 21 inch diameter PVC sanitary sewer main on 10th Avenue North between 46th Street and 57th Street. The existing mains were made of reinforced concrete and had greatly deteriorated due to hydrogen sulfide gas over the years. The main was also undersized and flowing near capacity. This main serves all of Malmstrom Air Force Base.

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This was the third utility project to be awarded this spring in 10th Avenue North. The other two projects were sanitary sewer trenchless rehabilitation and water main extension projects. By doing these projects before MDT paves 10th Avenue North, the cost of the utility construction decreased and future congestion in 10th Avenue North will be minimized.

City Engineering Staff completed the project design and performed construction inspection and administration.

Attachment: Final Pay Estimate (on file in City Clerk's office)