



Agenda # 16  
Commission Meeting Date:  
June 19, 2012

**CITY OF GREAT FALLS  
COMMISSION AGENDA REPORT**

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**Item:** Final Payment – 21<sup>st</sup> Avenue NE Drainage Improvements, O.F. 1573.6  
**From:** Engineering Division  
**Initiated By:** Public Works Department  
**Presented By:** Jim Rearden, Public Works Director  
**Action Requested:** Approve Final Pay Request

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**Suggested Motion:**

1. Commissioner moves:

“I move the City Commission approve Final Payment for the 21<sup>st</sup> Avenue NE Drainage Improvements, O.F. 1573.6 in the amount of \$10,048.50 to United Materials of Great Falls, Inc., and \$101.50 to the State Miscellaneous Tax Fund and authorize the City Manager to make the payments.”

2. Mayor calls for a second, discussion, inquiries from the public, and calls for the vote.

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**Staff Recommendation:** Approve final payment request.

**Background:**

Purpose: The block of street along 21<sup>st</sup> Avenue Northeast from 5<sup>th</sup> Street to 6<sup>th</sup> Street had developed drainage problems due to settlements that had occurred due to poor soil conditions in the area. Curb and gutter grades no longer allowed water to flow to the existing drainage inlets intended for the road, and pools of standing water developed because of this, further deteriorating the curb and street. This project replaced the existing curb and gutter and adjusted the flowline grades to allow for proper road drainage. The existing road section was also replaced and reinforced with a geogrid along with a thicker base course. The new road section will better withstand traffic loads and limit settlement caused by poor subbase conditions. Due to the curb adjustments, the adjacent sidewalks were replaced as well. Change Order No. 1 involved over-excavation of clay soil and replacement with a thicker gravel base course. Without replacing the clay soil and providing additional reinforcement, the new road section would have a greatly reduced lifespan. Additional driveway and sod was also added to better match the new curb and gutter grades and minimize driveway and lawn slopes.

Original Bid Opening Date: Six bids were received and opened for this project on May 18, 2011.

Bid Amount: United Materials submitted the low bid of \$135,480.00. Change Order No. 1 was approved in the amount of \$10,112.43, and increased the contract amount to \$145,592.43

Commission Award Date: The City Commission awarded the contract to United Material on June 7, 2011. Change Order No. 1 was approved September 20, 2011.

Final Payment: The final project cost is \$145,592.43 which is the amount that was awarded and approved.

Project Work Scope

Approximately 2,000 square yards of asphalt was removed and replaced along with 1,140 linear feet of curb and gutter. Geogrid fabric was installed in the new road section under 12-inches of gravel road base. 8,336 square feet of sidewalk was also replaced with this project.

Conclusion

City staff has verified that United Materials has completed all work and punch list items in accordance with the plans and contract. The City can accept the project and execute the Final Payment. The project was completed within the contract time. The two year warranty period started at the time of substantial completion which was August 11, 2011. The delay between substantial completion and final pay was due to punch list items only recently completed by the contractor.

**Fiscal Impact:**

This project was funded through the street maintenance fund.

**Alternatives:**

The City Commission could vote to deny Final Pay

**Attachments/Exhibits:**

1. Application for Final Payment is attached. (Not available online; on file in City Clerk's Office.)