



**Item:** Change Order # 1 and Final Payment – 18<sup>th</sup> Street South Storm Drain Improvements Phase 1B - UGF, 11<sup>th</sup> Avenue South & 18<sup>th</sup> Street South Storm Drain, O.F. 1462.1

**From:** Engineering Division

**Initiated By:** Public Works Department

**Presented By:** Jim Rearden, Public Works Director

**Action Requested:** Approve Change Order #1 and Final Pay Request

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**Suggested Motion:**

1. Commissioner moves:

"I move the City Commission approve Change Order # 1 in the amount of \$20,132.12 for the 18<sup>th</sup> Street South Storm Drain Improvements Phase 1B - UGF, 11<sup>th</sup> Avenue South & 18<sup>th</sup> Street South Storm Drain, Office File 1462.1, and approve Final Payment in the amount of \$20,029.80 to Williams Civil Division (Williams Civil) and \$202.32 to the State Miscellaneous Tax Fund and authorize the City Manager to make the payments."

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

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**Staff Recommendation:** Approve Change Order # 1 and Final Payment Request.

**Background:**

Purpose:

This project, along with subsequent phases, was designed to reduce the potential for flooding at the intersection of 15<sup>th</sup> Avenue South and 23<sup>rd</sup> Street South, and at 11<sup>th</sup> Avenue South between 18<sup>th</sup> and 19<sup>th</sup> Streets South. This phase added inlets and replaced pipe along 18<sup>th</sup> Street South with larger diameter pipe and inlets and pipe across UGF to convey additional stormwater from these closed sections of the basin to areas where street conveyance of stormwater flow is available.

In addition to Phase 1B described above, the following storm drain improvements are currently being designed or have been constructed: 1) new upsized pipe on 20<sup>th</sup> Street South, 18<sup>th</sup> Street South and 17<sup>th</sup> Street South to connect to existing large diameter pipe in Central Avenue; 2) new inlets along the new pipe at areas that currently experience stormwater ponding; 3) an overflow channel on the west side of the intersection of 15<sup>th</sup> Avenue South and 23<sup>rd</sup> Street South, which will convey water from the intersection to a new stormwater detention pond located on UGF property; 4) a shallow detention pond located at Chowen Springs Park; and 5) an expansion to the existing Sand Hills Pond.

Original Bid Opening:

Four bids were received on October 23, 2013, with the bids ranging between \$1,965,146.00 and \$2,299,019.00. Williams Civil Division, Inc., located in Bozeman, MT, submitted the low bid.

Commission Award Date:

The City Commission awarded the contract to Williams Civil on November 5, 2013.

Final Payment: The final project cost is \$1,985,278.12 which is \$20,132.12 greater than the amount that was originally awarded and approved. Change Order # 1 is proposed to account for the additional funding needed for the stabilization and repair of 18<sup>th</sup> Street South. During construction activities south of 10<sup>th</sup> Avenue South, 18<sup>th</sup> Street South settled toward the storm drain utility trench due to poor road base conditions under the existing roadway. Williams Civil stabilized the roadway during construction and then removed and over excavated the east side of the street before rebuilding the street after the storm drain was installed. The Change Order will provide \$20,132.12 to the contractor to compensate for this design improvement and additional work.

Project Work Scope

Improvements included the installation of new 36 inch and 30 inch diameter concrete pipe from the intersection of 15<sup>th</sup> Avenue South and 23<sup>rd</sup> Street South across the UGF campus to 20<sup>th</sup> Street South. Sixty-six inch diameter concrete storm drain pipe was installed along 11<sup>th</sup> Avenue South between 18<sup>th</sup> and 19<sup>th</sup> Streets South, as well as in 18<sup>th</sup> Street South from 11<sup>th</sup> Avenue South to 9<sup>th</sup> Avenue South. The pipes connected to an existing section under 10<sup>th</sup> Avenue South that was already in place. The pipe installed between 9<sup>th</sup> and 8<sup>th</sup> Avenues South and in Chowen Springs Park was 88 inch x 54 inch Concrete Arch Pipe. Additional inlets and inlet runs were installed at multiple locations to improve drainage and concrete valley gutters, ADA accessible ramps and road resurfacing were included with this project.

Conclusion

City staff recommends making the Final Payments and recommends approving the Change Order for the 18<sup>th</sup> Street South Storm Drain Improvements Phase 1B - UGF, 11<sup>th</sup> Avenue South & 18<sup>th</sup> Street South Storm Drain, O.F. 1462.1 to Williams Civil.

City staff has verified that Williams Civil has completed all work and punch list items in accordance with the plans and contract. The project was completed three days beyond the contract time and liquidated damages were assessed. Final payment was delayed until this summer while insurance claims dealing with water damage at the University of Great Falls were reconciled. The two year warranty period started at the time of substantial completion which was September 16, 2014.

**Fiscal Impact:**

City storm drain funding was used to fund this project.

**Alternatives:**

The City Commission could vote to deny the Final Payment and Change Order.

**Attachments/Exhibits:**

1. Change Order #1 is attached.

# Change Order

No. 1

Date of Issuance: 7/21/15

Effective Date: 7/21/15

18 <sup>th</sup> Street Storm Drain Improvements Phase 1B – UGF, 11 <sup>th</sup> Ave. South & 18 <sup>th</sup> St. South Storm Drain (O.F. 1462.1)	Owner: City of Great Falls	Owner's Contract No.: O.F. 1462.1
Contractor: Williams Civil Division, Inc.		Date of Contract: November 5, 2013
Address: 2131 Industrial Drive, Bozeman, MT 59715		Project Number.: 361402

The Contract Documents are modified as follows upon execution of this Change Order:

This Change Order allows for the over-excavation and reconstruction of the east side of 18<sup>th</sup> Street South between 10<sup>th</sup> Avenue South and 11<sup>th</sup> Alley South. Excavation, import of sub-base material, and base course material, and the installation of geotextile fabric and geogrid are included with this work.

Attachments: (List documents supporting change):

## CHANGE IN CONTRACT PRICE:

Original Contract Price:

\$ 1,965,146.00

[Increase] [Decrease] from previously approved Change

Orders No. 0 to No. \_\_\_\_\_:

\$ \_\_\_\_\_

Contract Price prior to this Change Order:

\$ 1,965,146.00

[Increase] [Decrease] of this Change Order:

\$ +20,132.12

Contract Price incorporating this Change Order:

\$ 1,985,278.12

## CHANGE IN CONTRACT TIMES:

Original Contract Times:

☐ Working days ☒ Calendar days

Substantial completion (days or date): \_\_\_\_\_

Ready for final payment (days or date): \_\_\_\_\_

[Increase] [Decrease] from previously approved Change Orders

No. 0 to No. \_\_\_\_\_:

Substantial completion (days): \_\_\_\_\_

Ready for final payment (days): \_\_\_\_\_

Contract Times prior to this Change Order:

Substantial completion (days or date): \_\_\_\_\_

Ready for final payment (days or date): \_\_\_\_\_

[Increase] [Decrease] of this Change Order:

Substantial completion (days or date): \_\_\_\_\_

Ready for final payment (days or date): \_\_\_\_\_

Contract Times with all approved Change Orders:

Substantial completion (days or date): \_\_\_\_\_

Ready for final payment (days or date): \_\_\_\_\_

## RECOMMENDED:

By: Courtney Zyglis  
Engineer (Authorized Signature)

Date: 7/1/15

Approved by Funding Agency (if applicable): \_\_\_\_\_

## ACCEPTED:

By: \_\_\_\_\_  
Owner (Authorized Signature)

Date: \_\_\_\_\_

## ACCEPTED:

By: Jayla Bickert  
Contractor (Authorized Signature)

Date: 6/15/15

Date: \_\_\_\_\_