



ITEM REPORT UTILITIES COMMISSION

Agenda Date: 11/6/2024
Agenda Section: Information Only

Department Origination: Public Works

Agenda Item: Whiskey Creek Stormwater Improvements Project Monthly Update

Approval Required: No Action Required

BACKGROUND

At the 9/5/23 City Council meeting, the council awarded the Whiskey Creek Stormwater Improvements Project contract to J.R. Ferche Inc. in the amount of \$959,085.95 and then approved Change Order No. 1, reducing the scope of the project, and reducing the contract amount by \$49,894.30 to \$909,191.65. Council also amended the 2023 Stormwater Enterprise Fund budget by increasing the original budget of \$225,000 by \$118,993.87 to cover the total City project costs of \$343,993.87.

At the 10/17/23 City Council meeting, the council approved Partial Pay Estimate No. 1 in the amount of \$180,567.92 as well as a change order increasing the contract amount by \$49,190.21 to a total of \$958,381.86.

At the 11/21/23 City Council meeting, the council approved Partial Pay Estimate No. 2 in the amount of \$243,303.08. Council also approved Change Order No. 3 increasing the contract amount by \$75,004.38 to a total of \$1,033,386.24, and an amendment to the HR Green contract for engineering services for an additional \$88,570.00 increasing the contract to a total of \$431,969.00. Council approved an amendment to the Stormwater Enterprise Fund in the amount of \$212,764.59 to cover the engineering amendment and change orders for construction.

At the 12/29/23 City Council meeting, the council approved Partial Pay Estimate No. 3 in the amount of \$580,716.47, amounting to a total of \$1,004,587.47 paid to the contractor to date. \$52,873.03 is being held in retainage. Council approved Change Order No. 4, increasing the contract amount by \$107,126.21 to a total of \$1,140,512.45. HR Green also provided an updated OPC for the Planting Plans of \$123,400, increasing the anticipated construction cost by \$73,400. Council approved an amendment to the Stormwater Enterprise Fund in the amount of \$180,720.09 to cover the change order and the increased estimated Planting Plan cost.

Construction on this project was paused for the winter at the end of November.

At the 3/19/24 City Council meeting, the council approved Change Order No. 5 increasing the contract amount by \$212,493.37 to a total of \$1,353,005.82, and an amendment to the HR Green contract for engineering services for an additional \$14,410.00 increasing the contract to a total of \$446,379.00. The Council accepted the lowest submitted revised quote for the Planting Plan project, submitted by MNL at a value of \$119,342.30. A 10% contingency was added to this number (+ \$11,934.23), and the SWCD pledged an additional \$2,000 towards the project. The total Planting Plan project cost after these changes was \$5,876.53 above the previously budgeted funds. The City also required a bike and pedestrian easement on the east end of the project at an estimated cost of \$5,779.40. Council approved an amendment to the Stormwater Enterprise Fund in the amount of \$214,103.57 to cover the change order, engineering amendment, planting plan project cost change, and bike and pedestrian easement.

25,000 CY of the soil stockpile has been sold to Pratt's Affordable Excavating who has removed this soil from the stockpile and relocated it for use at another project site.

The BMP project work on riprapping of the pre-treatment basin took place the week of 4/22/24. The final grading of gravel was done the week of 4/29/24. The asphalt maintenance access road received its first lift on 5/14/24. The second and final lift was paved on 5/29/24. Due to frequent rainfall, site restoration was ongoing through the month of June, and restoration work was completed the week of 6/24/24. Ferche continued spot restoration work in the month of July following the final walkthrough. A portion of the remaining fill piles just north of the site will be removed by Ferche. The remainder of the topsoil pile will be spread over the previous fill pile location and stabilized.

The Planting Plan project construction work began the week of 6/24/24 and was completed the week of 7/22/24. Work consisted of placing erosion control blanket, adding plugs below the water line, and seeding throughout the site. The work was split into two mobilizations-one for seeding and blanket placement, and one for plug placement.

The City is finalizing the purchase from Good Samaritan of a Drainage & Utility easement to the northwest of the project location to cover the future Design Road storm sewer connection. In negotiations for another easement acquisition from Good Samaritan, a Bike and Pedestrian easement covering the east end of the maintenance access road as it connects to the sidewalk along Cypress Drive, the easement acquisition became a property acquisition. The total property acquisition cost of \$11,558.80 is an increase of \$5,779.40 over the assumed easement acquisition cost. This additional cost has been added to the project budget table below. The contingency has been reduced by the same amount, so there will be no requested amendment to the Stormwater Enterprise Budget.

Table 1: Updated Project Budgets

STORMWATER WETLAND COSTS	ENGINEER'S OPC	CHANGE ORDER 5 & AMENDMENT	ADDITIONAL ACQUISITION
Engineering & Construction Admin	\$ 343,399.00	\$ 414,334.50	\$ 414,334.50
3rd Party Costs - Wetlands and Easements	\$ 1,683.64	\$ 1,683.64	\$ 1,683.64
Bike and Pedestrian Easement	-	\$ 5,779.40	\$ 11,558.80
Stormwater Wetland Construction	\$ 871,260.00	\$ 1,274,205.82	\$ 1,274,205.82
Contingency	\$ 130,220.00	\$ 17,063.85	\$ 11,284.45
SUBTOTAL STORMWATER WETLAND COSTS	\$ 1,346,562.64	\$ 1,713,067.21	\$ 1,713,067.21
DESIGN ROAD PIPE CONSTRUCTION COSTS			
D&U Easement for Design Road Pipe	-	\$ 3,421.44	\$ 3,421.44
Design Road Pipe Construction Cost	\$ 40,950.00	\$ 78,800.00	\$ 78,800.00
Contingency	\$ 4,100.00	\$ 3,940.00	\$ 3,940.00
SUBTOTAL DESIGN ROAD COSTS	\$ 45,050.00	\$ 86,161.44	\$ 86,161.44
PLANTING PLANS COST			
Engineering & Construction Admin	-	\$ 32,044.50	\$ 32,044.50
Landscaping Installation	\$ 50,000.00	\$ 119,342.30	\$ 119,342.30
Contingency	-	\$ 11,934.23	\$ 11,934.23
SUBTOTAL PLANTING PLANS COST	\$ 50,000.00	\$ 163,321.03	\$ 163,321.03
TOTAL COSTS	\$ 1,441,612.64	\$ 1,746,446.11	\$ 1,962,549.68
GRANTS			
Clean Water Fund Grant Dollars	\$ 830,000.00	\$ 830,000.00	\$ 830,000.00
Left Over CWF Dollars from SWCD	-	\$ 43,000.00	\$ 43,000.00

Landscaping Grant from SWCD	\$ 50,000.00	\$ 52,000.00	\$ 52,000.00
SUBTOTAL GRANTS	\$ 880,000.00	\$ 925,000.00	\$ 925,000.00
TOTAL PROJECT COSTS FOR CITY	\$ 561,612.64	\$ 1,037,549.68	\$ 1,037,549.68
Design Road Pipe Construction Budget	\$ 45,050.00	\$ 86,161.44	\$ 86,161.44
Whiskey Creek Project Budget in Stormwater Enterprise Fund	\$ 225,000.00	\$ 951,388.24	\$ 951,388.24
Expected final costs of Stormwater Wetland			\$ 821,042.27
Expected final costs of Planting Plans			\$ 99,386.80
Expected total costs			\$ 920,429.07
Expected Remaining Final Balance in Stormwater Enterprise Fund			\$ 30,959.17

With the project at substantial completion, no additional contingency funds will be used. The expected total final costs listed above include the project costs minus the remaining contingencies and unspent dollars on the wetland contract. This will leave an expected \$30,959.17 remaining balance in the Stormwater Enterprise Fund.

The project site is primarily complete with the exception of adequate vegetation coverage to terminate the SWPPP permit, removal of erosion control items, and removal of the sand pile onsite.

FINANCIAL IMPLICATIONS

STAFF RECOMMENDATIONS

Click or tap here to enter text.

COUNCIL ACTION REQUESTED

None.