

**Memorandum
Public Works Department**



To: City Manager
Subject: 2014 Storm Water Outfall Program, Project 2650
Date: March 3, 2015
Number: 2015-032

Legacy Construction is due payment #1, for the 2014 Storm Water Outfall Program, Project 2650 for services provided from October 23, 2014 through January 2, 2015. A location diagram, with a description of work performed, is attached.

Recommendation

The Public Works Department recommends that the City Council approve the payment to Legacy Construction in the amount of \$40,624.90.

Vendor: Legacy Construction
Payment Amount: \$40,624.90

Fund:	507	Stormwater Utility
Department:	619	Utilities Maintenance
Cost Center:	348	SW Collection Maintenance
Object Code:	53806	Infrastructure Maintenance
Project :	2650	Storm Water Outfall Program

Requisition Number: R005368

Submitted by: Randall D. Tweet, Public Works Director
Michael J. Kane, P.E., City Engineer

Approved by: Thomas Thomas, City Manager

City of Rock Island

Engineering Division Periodic Pay Estimate #1

Project Desc: 2014 Stormwater Outfall Program
 City Job No.: 2650
 Date of Change: 1/20/2015
 Contract Date: 9/9/2013
 Contractor: Legacy Construction
 Inspector: John Pearson

	Contract Amount	Comp. Date
Original	\$72,380.00	12/31/2013
Adjusted		

Pay Estimate # 1 October 23, 2014 to January 2, 2015

Project: 2014 Storm Sewer Outfall Program
 Job No. 2650
 Account #: 507-619348-53806-2650000

Item No.	Description	Plan Quantity	Units	New Quantities	Previous Quantities	Quantity To Date	Unit Price	Earned To Date
1	Perimeter Erosion Barrier	165.0	Ft	0.0	0.0	0.0	\$3.00	\$0.00
2	Tree Removal (over 15 Units Diameter)	40.0	Units	80.0	0.0	80.0	\$10.00	\$800.00
3	Earth Excavation (Cut, Stockpile, and Reuse As Embankment)	509.4	CY	416.6	0.0	416.6	\$15.00	\$6,249.00
4	Manhole, Type A, 5' Diameter	2	Each	0.0	0.0	0.0	\$5,000.00	\$0.00
5	Storm Sewer, Type 1, Class IV, RCCP, 24"	76.5	Ft	0.0	0.0	0.0	\$75.00	\$0.00
6	Storm Sewer, Type 1, Class IV, RCCP, 24" (2 ft connection stub at Flared End Section)	2.0	Ft	0.0	0.0	0.0	\$100.00	\$0.00
7	Re-use Precast Reinforced Concrete Flared End Section, 24"	1	Each	0.0	0.0	0.0	\$300.00	\$0.00
8	Filter Fabric For Use With Riprap	36.4	SY	325.0	0.0	325.0	\$4.00	\$1,300.00
9	Stone Dumped Riprap, Class A, RR5	30.0	Ton	84.8	0.0	84.8	\$60.00	\$5,088.00
10	Stone Dumped Riprap, Class A, RR1	20.0	Ton	28.3	0.0	28.3	\$40.00	\$1,132.00
11	Top Soil, Furnish and Place, 3"	968.0	SY	0.00	0.00	0.00	\$2.00	\$0.00
12	Nitrogen Fertilizer Nutrient	5.0	LB	5.0	0.0	5.0	\$5.00	\$25.00
13	Phosphorus Fertilizer Nutrient	5.0	LB	5.0	0.0	5.0	\$5.00	\$25.00
14	Potassium Fertilizer Nutrient	5.0	LB	5.0	0.0	5.0	\$5.00	\$25.00
15	Seeding, Class 1B	0.2	Acre	0.1	0.0	0.1	\$4,000.00	\$400.00
16	Remove, Store and Re-use Existing Rip Rap	40.0	SY	40.0	0.0	40.0	\$30.00	\$1,200.00
17	Slope Mattress, (Reno Mattress 9'x6'x1')	12.0	SY	0.0	0.0	0.0	\$500.00	\$0.00
18	Flared End Section Removal	1	Each	2.0	0.0	2.0	\$1,349.90	\$2,699.80
19	Traffic Control and Protection	1	LS	1.0	0.0	1.0	\$500.00	\$500.00
								\$19,443.80

Item No.	Description	Plan Quantity	Units	New Quantities	Previous Quantities	Quantity To Date	Unit Price	Earned To Date
1	Earth Excavation	11.0	CY	50.0	0.0	50.0	\$50.00	\$2,500.00
2	Geotechnical Fabric for Ground Stabilization	61.0	SY	0.0	0.0	0.0	\$10.00	\$0.00
3	Aggregate Base Course, Type A	24.0	Ton	15.2	0.0	15.2	\$22.00	\$334.40
4	Pavement Removal	61.0	SY	0.0	0.0	0.0	\$10.00	\$0.00
5	PCC Pavement With Integral Curb, 7"	61.0	SY	0.0	0.0	0.0	\$90.00	\$0.00
6	Driveway Pavement Removal	13.0	SY	0.0	0.0	0.0	\$10.00	\$0.00
7	PCC Driveway Pavement, 6"	13.0	SY	0.0	0.0	0.0	\$80.00	\$0.00
8	Sodding	414.0	SY	150.0	0.0	150.0	\$8.00	\$1,200.00
9	Remove and Re-erect Chain Link Fence	1.0	LS	0.0	0.0	0.0	\$500.00	\$0.00
10	Remove and Replace Wooden Wall and Landscaping	1.0	LS	0.0	0.0	0.0	\$1,290.00	\$0.00
11	Catch Basin, Single, to Be Adjusted	1	Each	0.00	0.00	0.00	\$500.00	\$0.00
12	Removing Manhole to Maintain Flow	2	Each	1.0	0.0	1.0	\$1,000.00	\$1,000.00
13	Manhole, Type A, 4' Dia.	3	Each	1.0	0.0	1.0	\$2,500.00	\$2,500.00
14	Storm Sewer, P.V.C., 18"	98.0	Ft	180.0	0.0	180.0	\$70.00	\$12,600.00
15	Trench Backfill	63.0	CY	74.7	0.0	74.7	\$10.00	\$746.70
16	Controlled Low-Strength Material	2.0	CY	0.0	0.0	0.0	\$325.00	\$0.00
17	Inlet and Pipe Protection	2	Each	2.0	0.0	2.0	\$150.00	\$300.00
18	Traffic Control and Protection	1	LS	0.0	0.0	0.0	\$500.00	\$0.00
								\$21,181.10

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 Inspector: John Pearson

	Contract Amount	Comp. Date
Original	\$72,380.00	12/31/2013
Adjusted		

Pay Estimate # 1
 October 23, 2014 to January 2, 2015

Force Account Payments	Plan Quantity	Units	New Quantities	Previous Quantities	Quantity To Date	Unit Price	Earned To Date
1.							\$0.00
Total Earned :							\$0.00

Previous Payments	
1.	\$0.00
2.	
Totals :	\$0.00

Payment Summary	
Total Cost of Work Performed to Date	\$40,624.90
Total Change Orders to Date	+ \$0.00
Total Amount Earned to Date	\$40,624.90
Retained Percentage (0%)	- \$0.00
Total Amount Earned Less Retainage	\$40,624.90
Total Previous Payments	- \$0.00
Total Amount Due This Estimate : \$40,624.90	

507-619348-53806-2650000: \$40,624.90

Recommended for Payment


 City Engineer

3/2/2015
 Date

12" A-2000 (APPROX. 90') WAS PLACED AS THE 15" CMP WAS REMOVED. THE END OF THE A-2000 WAS PLACED THROUGH THE WING WALL AND A PCC COLLAR WAS POURED. A FLARED END SECTION AND RR-4 PLACED AT THE UPSTREAM END OF THE PIPE.

14TH STREET WEST (LOWER RIDGEWOOD ROAD)

RIDGEWOOD ROAD

THIS AREA WAS RESHAPED AND RR-4 PLACED. EXISTING RUNOFF WENT BEHIND THE WING WALL, THEN CUT WEST TO THE CREEK. WING WALL WAS BACKFILLED, GRADED, FABRIC AND RIP RAP PLACED SO DRAINAGE DID NOT ERODE BEHIND THE WING WALL.

3810 - 3726 44TH STREET

4" DRAIN TILE WAS CONNECTED TO EXISTING TILE FROM THE GOLF COURSE. THESE WERE CONNECTED TO THE NEW 4' MH PLACED WHERE THE OLD INLET HAD FAILED.