



STAFF REPORT

DATE: December 20, 2022
CONSENT

AGENDA ITEM: Approve Pay Request No. 15 for the Old Village Phase 5 and 6 Street, Drainage and Utility Improvements

SUBMITTED BY: Chad Isakson, Project Engineer

REVIEWED BY: Kristina Handt, City Administrator
Marty Powers, Public Works Director
Jack Griffin, City Engineer

ISSUE BEFORE COUNCIL: Should the City Council approve Pay Request No. 15 for the Old Village Phase 5 and 6 Street, Drainage and Utility Improvements?

BACKGROUND: A-1 Excavating was awarded a construction contract on March 16, 2021 to complete the Old Village Phase 5 and 6 Street, Drainage and Utility Improvements. Work remains in progress with a milestone 1 completion date of October 15, 2021, milestone 2 completion date of October 14, 2022, substantial completion date of June 30, 2023 and final completion date of July 28, 2023.

PROPOSAL DETAILS/ANALYSIS: A-1 Excavating has submitted Partial Pay Request No. 15 in the amount of \$164,182.24. The request has been reviewed and payment is recommended in the amount requested. In accordance with the contract documents, the City has retained 5% of the total work completed. The amount retained is \$317,488.74.

FISCAL IMPACT: None. Partial payment is proposed in accordance with the Contract for the project. Payment remains within the authorized scope and budget.

RECOMMENDATION: Staff is recommending that the City Council approve, *as part of the Consent Agenda*, Pay Request No. 15 for the Old Village Phase 5 and 6 Street, Drainage and Utility Improvements. If removed from the consent agenda, the recommended motion for the action is as follows:

“Move to approve Pay Request No. 15 to A-1 Excavating. in the amount of \$164,182.24 for the Old Village Phase 5 and 6 Street, Drainage and Utility Improvements”.

ATTACHMENTS:

1. Partial Pay Estimate No. 15.

PROJECT PAY FORM

PARTIAL PAY ESTIMATE NO. <u>15</u>	FOCUS ENGINEERING, inc.
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OLD VILLAGE PH 5 & 6: STREET, DRAINAGE, & UTILITY IMPROVEMENTS PROJECT NO. 2019.116	PERIOD OF ESTIMATE FROM <u>11/1/2022</u> TO <u>11/30/2022</u>
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PROJECT OWNER: CITY OF LAKE ELMO 3800 LAVERNE AVENUE NORTH LAKE ELMO, MN 55042 ATTN: JACK GRIFFIN, CITY ENGINEER	CONTRACTOR: A-1 EXCAVATING 8237 STATE HWY 64, PO BOX 90 BLOOMER, WI 54724 ATTN: BRAD NIELSEN, PROJECT MANAGER
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CONTRACT CHANGE ORDER SUMMARY				PAY ESTIMATE SUMMARY	
No.	Approval Date	Amount			
		Additions	Deductions		
1, 2, 3	Varies	\$219,016.81		1. Original Contract Amount	\$6,488,157.83
4	4/29/2022		\$108,610.65	2. Net Change Order Sum	\$134,950.21
5, 6, 7	Varies	\$11,760.30		3. Revised Contract (1+2)	\$6,623,108.04
8	12/9/2022	\$12,783.75		4. *Work Completed	\$6,349,774.81
				5. *Stored Materials	\$0.00
				6. Subtotal (4+5)	\$6,349,774.81
				7. Retainage* <u>5.0%</u>	\$317,488.74
				8. Previous Payments	\$5,868,103.83
				9. Amount Due (6-7-8)	\$164,182.24
TOTALS		\$243,560.86	\$108,610.65	*Detailed Breakdown Attached	
NET CHANGE		\$134,950.21			

CONTRACT TIME					
START DATE:	<u>4/1/2021</u>	ORIGINAL DAYS	<u>848</u>	ON SCHEDULE YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
SUBSTANTIAL COMPLETION:	<u>6/30/2023</u>	REVISED DAYS	<u>0</u>		
FINAL COMPLETION:	<u>7/28/2023</u>	REMAINING	<u>240</u>		

ENGINEER'S CERTIFICATION: The undersigned certifies that the work has been reviewed and to the best of their knowledge and belief, the quantities shown in this estimate are correct and the work has been performed in accordance with the contract documents.	FOCUS Engineering, inc. <i>Chad Isakson</i> ENGINEER <u>12/9/2022</u> DATE
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CONTRACTOR'S CERTIFICATION: The undersigned Contractor certifies that to the best of their knowledge, information and belief the work covered by this payment estimate has been completed in accordance with the contract documents, that all amounts have been paid by the contractor for work for which previous payment estimates was issued and payments received from the owner, and that current payment shown herein is now due.	CONTRACTOR <i>[Signature]</i> <u>12-12-22</u> DATE
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APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA	
BY _____	BY _____
DATE _____	DATE _____

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT				THIS PERIOD		TOTAL TO DATE		
			BASE BID QUANTITY	CO #4 ADJ.	UPDATED QUANTITY	UNIT PRICE	BASE BID AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
BASE BID											
1	MOBILIZATION	LS	1		1	\$369,660.00	\$369,660.00	0.00	\$0.00	1.00	\$369,660.00
2	CLEARING & GRUBBING	ACRE	2.35		2.35	\$7,750.00	\$18,212.50	0.00	\$0.00	3.20	\$24,800.00
3	CLEARING	TREE	99		99	\$215.00	\$21,285.00	0.00	\$0.00	120.00	\$25,800.00
4	GRUBBING	TREE	104		104	\$135.00	\$14,040.00	0.00	\$0.00	112.00	\$15,120.00
5	REMOVE SHRUB	LF	534		534	\$8.00	\$4,272.00	0.00	\$0.00	550.00	\$4,400.00
6	REMOVE SIGN TYPE C	EACH	40		40	\$55.00	\$2,200.00	0.00	\$0.00	40.00	\$2,200.00
7	REMOVE WATER MAIN PIPE	LF	7062		7062	\$2.00	\$14,124.00	0.00	\$0.00	7,062.00	\$14,124.00
8	REMOVE SEWER PIPE (SANITARY) (3" OR 4" MAIN)	LF	1029		1029	\$4.00	\$4,116.00	0.00	\$0.00	1,029.00	\$4,116.00
9	REMOVE SEWER PIPE (STORM)	LF	610		610	\$14.00	\$8,540.00	0.00	\$0.00	610.00	\$8,540.00
10	REMOVE CONCRETE CURB & GUTTER	LF	295	-26	269	\$4.00	\$1,180.00	0.00	\$0.00	269.00	\$1,076.00
11	REMOVE FENCE	LF	1144		1144	\$8.00	\$9,152.00	0.00	\$0.00	971.00	\$7,768.00
12	PULVERIZE BITUMINOUS PAVEMENT (P)	SY	19952	-136	19816	\$3.00	\$59,856.00	0.00	\$0.00	#####	\$59,448.00
13	REMOVE BITUMINOUS DRIVEWAY AND TRAIL	SY	2283	-30	2253	\$3.50	\$7,990.50	147.00	\$514.50	2,430.00	\$8,505.00
14	REMOVE CONCRETE DRIVEWAY PAVEMENT	SY	571		571	\$4.50	\$2,569.50	0.00	\$0.00	571.00	\$2,569.50
15	SALVAGE AND INSTALL CASTING (SANITARY)	EACH	4		4	\$550.00	\$2,200.00	0.00	\$0.00	4.00	\$2,200.00
16	SALVAGE AND INSTALL CASTING (STORM)	EACH	4		4	\$550.00	\$2,200.00	0.00	\$0.00	1.00	\$550.00
17	REMOVE GATE VALVE & BOX	EACH	17		17	\$150.00	\$2,550.00	0.00	\$0.00	17.00	\$2,550.00
18	REMOVE SANITARY STRUCTURE	EACH	4		4	\$800.00	\$3,200.00	0.00	\$0.00	4.00	\$3,200.00
19	REMOVE CATCH BASIN OR MANHOLE (STORM)	EACH	2		2	\$700.00	\$1,400.00	0.00	\$0.00	2.00	\$1,400.00
20	REMOVE HYDRANT & GATE VALVE ASSEMBLY	EACH	14		14	\$500.00	\$7,000.00	0.00	\$0.00	14.00	\$7,000.00
21	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LF	471	-12	459	\$5.00	\$2,355.00	8.00	\$40.00	408.00	\$2,040.00
22	SAWING BIT PAVEMENT (FULL DEPTH)	LF	1465	-7	1458	\$2.00	\$2,930.00	99.00	\$198.00	1,299.00	\$2,598.00
23	REMOVE CONCRETE WALK	SF	457	-15	442	\$2.00	\$914.00	159.00	\$318.00	559.00	\$1,118.00
24	SALVAGE AND INSTALL LANDSCAPING ROCK OR MULCH	SF	1150		1150	\$4.00	\$4,600.00	1,339.00	\$5,356.00	1,339.00	\$5,356.00
25	SALVAGE AND INSTALL DRIVEWAY PAVERS	SF	495		495	\$19.00	\$9,405.00	0.00	\$0.00	370.00	\$7,030.00
26	REMOVE EXISTING SANITARY SEWER DRAIN FIELD (32ND STREET N)	LS	1		1	\$10,000.00	\$10,000.00	0.00	\$0.00	1.00	\$10,000.00
27	REMOVE EXISTING SANITARY SEWER DRAIN FIELD & PUMP STATION (34TH STREET N)	LS	1		1	\$15,000.00	\$15,000.00	0.00	\$0.00	1.00	\$15,000.00
28	SALVAGE AND INSTALL WOOD FENCE	LF	105		105	\$33.00	\$3,465.00	0.00	\$0.00	255.00	\$8,415.00
29	ABANDON WATER MAIN PIPE (IN RAILROAD R/W)	LF	120		120	\$25.00	\$3,000.00	0.00	\$0.00	120.00	\$3,000.00
30	SALVAGE AND INSTALL BLOCK RETAINING WALL	SF	158		158	\$28.00	\$4,424.00	0.00	\$0.00	0.00	\$0.00
31	COMMON EXCAVATION (EV) (STREETS) (P)	CY	27965	-80	27885	\$14.00	\$391,510.00	-437.00	-\$6,118.00	#####	\$378,672.00
32	COMMON EXCAVATION (EV) (BIOINFILTRATION BASIN) (P)	CY	1950	75	2025	\$13.00	\$25,350.00	0.00	\$0.00	1,950.00	\$25,350.00
33	SUBGRADE CORRECTION (EV) (INCLUDES SELECT GRANULAR BORROW - MOD 5%)	CY	1000		1000	\$26.00	\$26,000.00	285.00	\$7,410.00	2,285.00	\$59,410.00
34	SELECT GRANULAR BORROW - MOD. 5% (CV) (P) (STREETS)	CY	18482	-90	18392	\$17.00	\$314,194.00	-580.00	-\$9,860.00	#####	\$302,804.00
35	SELECT GRANULAR BORROW - MOD. 5% (CV) (P) (BIOINFILTRATION BASIN)	CY	980		980	\$19.00	\$18,620.00	980.00	\$18,620.00	980.00	\$18,620.00
36	GEOTEXTILE FABRIC, TYPE V	SY	6929		6929	\$2.00	\$13,858.00	49.00	\$620.00	#####	\$29,098.00
37	AGG. BASE, CL. 6 (CV) (P)	CY	5528	-22	5506	\$28.00	\$154,784.00	238.00	\$6,664.00	5,744.00	\$160,832.00
38	STREET SWEEPING	hour	102		102	\$150.00	\$15,300.00	12.75	\$1,912.50	63.75	\$9,562.50
39	BIT. MATERIAL FOR TACK COAT	GAL	1942	-58	1884	\$3.40	\$6,602.80	5.00	\$17.00	470.00	\$1,598.00
40	TYPE SP 9.5 WEARING COURSE MIX (3,C) (PATCHING) (LAKE ELMO AVENUE)	TON	60	-40	20	\$160.00	\$9,600.00	0.00	\$0.00	0.00	\$0.00
41	TYPE SP 9.5 WEARING COURSE MIX (2,B) (DRIVEWAYS & TRAIL)	TON	510		510	\$108.00	\$55,080.00	41.74	\$4,507.92	627.37	\$67,755.96
42	TYPE SP 12.5 NON-WEARING COURSE MIX (3,C)	TON	2764	-17	2747	\$69.00	\$190,716.00	19.83	\$1,368.27	2,404.10	\$165,882.90
43	TYPE SP 9.5 WEARING COURSE MIX (3,C)	TON	2057	-14	2043	\$80.00	\$164,560.00	0.00	\$0.00	0.00	\$0.00
44	PAVE AND REMOVE 1.5" THICK 8' WIDE BITUMINOUS WEDGE	TON	1189		1189	\$103.00	\$122,467.00	-47.51	-\$4,893.53	817.73	\$84,226.19
45	WET CAST BLOCK RETAINING WALL	SF	1118		1118	\$52.00	\$58,136.00	0.00	\$0.00	1,305.85	\$67,904.20
46	PIPE FOUNDATION ROCK	TON	1530		1530	\$9.00	\$13,770.00	0.00	\$0.00	993.55	\$8,941.95
47	TEMPORARY SHORING (FOR RETAINING WALL CONSTRUCTION)	LS	1		1	\$30,000.00	\$30,000.00	0.00	\$0.00	1.00	\$30,000.00
48	EXPLORATORY DIGGING	hour	20		20	\$300.00	\$6,000.00	0.00	\$0.00	10.20	\$3,060.00
49	12" CAS SAFETY APRON AND GRADE DESIGN 3128	EACH	2		2	\$800.00	\$1,600.00	0.00	\$0.00	0.00	\$0.00
50	15" RC PIPE APRON W/TRASH GUARD	EACH	10	-1	9	\$1,000.00	\$10,000.00	0.00	\$0.00	9.00	\$9,000.00
51	18" RC PIPE APRON W/TRASH GUARD	EACH	3		3	\$1,100.00	\$3,300.00	0.00	\$0.00	3.00	\$3,300.00
52	24" RC PIPE APRON W/TRASH GUARD	EACH	2		2	\$1,475.00	\$2,950.00	0.00	\$0.00	2.00	\$2,950.00
53	12" CAS PIPE CULVERT	LF	15		15	\$65.00	\$975.00	0.00	\$0.00	0.00	\$0.00
54	4" CONCRETE HEADWALL	EACH	3		3	\$500.00	\$1,500.00	0.00	\$0.00	3.00	\$1,500.00
55	4" PVC PERF. EDGE DRAIN W/ BACKFILL & WRAP	LF	4435	-140	4295	\$18.00	\$79,830.00	0.00	\$0.00	4,000.00	\$72,000.00
56	DRAINTILE CLEANOUT	EACH	39	-2	37	\$390.00	\$15,210.00	2.00	\$780.00	37.00	\$14,430.00
57	2" RIGID INSULATION	SY	196		196	\$22.00	\$4,312.00	0.00	\$0.00	36.00	\$792.00
58	8" PVC PIPE SEWER (C900) (DR-25)	LF	600		600	\$86.00	\$51,600.00	-10.00	-\$860.00	590.00	\$50,740.00
59	8" PVC PIPE SEWER (SDR 26)	LF	5376	-468	4908	\$83.00	\$446,208.00	630.00	\$52,290.00	4,700.00	\$390,100.00
60	14" PVC PIPE SEWER (C900) (DR-25)	LF	1422		1422	\$121.00	\$172,062.00	0.00	\$0.00	1,130.00	\$136,730.00
61	12" RC PIPE SEWER, DES 3006 CL V	LF	11	51	62	\$63.00	\$693.00	0.00	\$0.00	60.00	\$3,780.00
62	15" RC PIPE SEWER, DES 3006 CL V	LF	3897	-925	2972	\$58.00	\$226,026.00	-30.00	-\$1,740.00	2,976.00	\$172,608.00
63	18" RC PIPE SEWER, DES 3006 CL V	LF	666		666	\$64.00	\$42,624.00	0.00	\$0.00	650.00	\$41,600.00
64	24" RC PIPE SEWER, DES 3006 CL III	LF	83		83	\$82.00	\$6,806.00	0.00	\$0.00	80.00	\$6,560.00
65	BORING PIT #1	LS	1		1	\$39,000.00	\$39,000.00	0.00	\$0.00	1.00	\$39,000.00
66	BORING PIT #2	LS	1		1	\$71,000.00	\$71,000.00	0.00	\$0.00	1.00	\$71,000.00
67	BORING PIT #3	LS	1		1	\$60,000.00	\$60,000.00	0.00	\$0.00	1.00	\$60,000.00
68	CONNECT TO EXISTING SANITARY STRUCTURE (TYPE SPECIAL)	LS	1		1	\$26,000.00	\$26,000.00	0.00	\$0.00	1.00	\$26,000.00
69	CONNECT TO EXISTING SANITARY STRUCTURE	EACH	4		4	\$3,500.00	\$14,000.00	0.00	\$0.00	4.00	\$14,000.00
70	CONNECT TO EXISTING SANITARY SEWER SERVICE (2" PRESSURE PIPE)	EACH	12		12	\$300.00	\$3,600.00	0.00	\$0.00	12.00	\$3,600.00
71	CONNECT TO EXISTING SANITARY SEWER SERVICE (4" GRAVITY)	EACH	1		1	\$300.00	\$300.00	0.00	\$0.00	1.00	\$300.00
72	8"x4" PVC WYE, SDR 26	EACH	42		42	\$175.00	\$7,350.00	3.00	\$525.00	37.00	\$6,475.00
73	8"x6" PVC WYE, SDR 26	EACH	15		15	\$250.00	\$3,750.00	0.00	\$0.00	6.00	\$1,500.00

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT				THIS PERIOD		TOTAL TO DATE		
			BASE BID QUANTITY	CO #4 ADJ.	UPDATED QUANTITY	UNIT PRICE	BASE BID AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
74	8"X4" PVC WYE, C900	EACH	6		6	\$330.00	\$1,980.00	0.00	\$0.00	14.00	\$4,620.00
75	14"X4" PVC WYE, C900	EACH	9		9	\$800.00	\$7,200.00	2.00	\$1,600.00	12.00	\$9,600.00
76	TRACER WIRE BOX - (AT PROPERTY LINE)	EACH	82		82	\$115.00	\$9,430.00	76.00	\$8,740.00	83.00	\$9,545.00
77	SANITARY SEWER MANHOLE (W/ CASTING)	EACH	33	-1	32	\$4,145.00	\$136,785.00	0.00	\$0.00	31.00	\$128,495.00
78	SANITARY CLEANOUT CASTING (R-1914-A)	EACH	6		6	\$450.00	\$2,700.00	0.00	\$0.00	2.00	\$900.00
79	SADDLE TAP FOR 1.25" HDPE TO 8" PVC C900	EACH	3		3	\$750.00	\$2,250.00	0.00	\$0.00	12.00	\$9,000.00
80	SADDLE TAP FOR 1.25" HDPE TO 14" PVC C900	EACH	9		9	\$770.00	\$6,930.00	0.00	\$0.00	0.00	\$0.00
81	2" PRESSURE CLEANOUT & CURBSTOP ASSEMBLY	EACH	1		1	\$1,400.00	\$1,400.00	0.00	\$0.00	1.00	\$1,400.00
82	1.25" SANITARY CURB STOP & BOX	EACH	5		5	\$730.00	\$3,650.00	0.00	\$0.00	5.00	\$3,650.00
83	2"X1.25" FUSED TEE	EACH	5		5	\$525.00	\$2,625.00	0.00	\$0.00	5.00	\$2,625.00
84	CURB STOP & BOX CASTING (R-1914-A)	EACH	12		12	\$450.00	\$5,400.00	2.00	\$900.00	12.00	\$5,400.00
85	SANITARY SEWER 8" OUTSIDE DROP	LF	21.5		21.5	\$300.00	\$6,450.00	0.00	\$0.00	0.00	\$0.00
86	SANITARY SEWER MANHOLE EXTRA DEPTH	LF	213.53	0.13	213.66	\$270.00	\$57,653.10	-12.90	-\$3,483.00	187.10	\$50,517.00
87	24" CASING PIPE (JACKED/AUGERED W/ 15" PVC SDR 26 CARRIER PIPE)	LF	872		872	\$610.00	\$531,920.00	0.00	\$0.00	0.00	\$0.00
88	36" CASING PIPE (JACKED/AUGERED W/ 15" PVC SDR 26 CARRIER PIPE)	LF	97		97	\$800.00	\$77,600.00	0.00	\$0.00	86.00	\$68,800.00
89	4" PVC SANITARY SERVICE PIPE - SCH 40 W/ TRACER WIRE	LF	1613		1613	\$48.00	\$77,424.00	148.00	\$7,104.00	2,074.00	\$99,528.00
90	6" PVC SANITARY SERVICE PIPE - SCH 40 W/ TRACER WIRE	LF	445		445	\$50.00	\$22,250.00	45.00	\$2,250.00	257.00	\$12,850.00
91	1.25" HDPE SERVICE PIPE W/ TRACER WIRE	LF	370		370	\$50.00	\$18,500.00	100.00	\$5,000.00	370.00	\$18,500.00
92	2" HDPE FORCEMAIN W/ CAP	LF	30		30	\$50.00	\$1,500.00	0.00	\$0.00	0.00	\$0.00
93	2" HDPE SANITARY FORCE MAIN (HORIZONTAL DIRECTIONAL DRILL)	LF	975		975	\$27.00	\$26,325.00	0.00	\$0.00	975.00	\$26,325.00
94	CLEAN AND TELEWISE SANITARY SEWER	LF	8280		8280	\$2.00	\$16,560.00	0.00	\$0.00	7,418.00	\$14,836.00
95	TEMPORARY SANITARY BYPASS PUMPING OF 3" PRESSURE PIPE	LS	1		1	\$2,500.00	\$2,500.00	0.00	\$0.00	1.00	\$2,500.00
96	TEMPORARY WATER SERVICE	LS	1		1	\$30,000.00	\$30,000.00	0.00	\$0.00	1.00	\$30,000.00
97	1" CORPORATION STOP	EACH	82		82	\$195.00	\$15,990.00	0.00	\$0.00	78.00	\$15,210.00
98	2" CORPORATION STOP	EACH	1		1	\$560.00	\$560.00	0.00	\$0.00	0.00	\$0.00
99	1" CURB STOP & BOX	EACH	82	-5	77	\$350.00	\$28,700.00	0.00	\$0.00	78.00	\$27,300.00
100	2" CURB STOP & BOX	EACH	2		2	\$750.00	\$1,500.00	0.00	\$0.00	0.00	\$0.00
101	SADDLE TAP 8" HDPE W/ 1" CORPORATION STOP	EACH	5	-5	0	\$475.00	\$2,375.00	0.00	\$0.00	0.00	\$0.00
102	CONNECT TO EXISTING WATER MAIN	EACH	6		6	\$2,300.00	\$13,800.00	-1.00	-\$2,300.00	5.00	\$11,500.00
103	16"X8" WET TAP W/ 8" GATE VALVE & BOX	EACH	1	-1	0	\$6,500.00	\$6,500.00	0.00	\$0.00	0.00	\$0.00
104	CONNECT TO EXISTING WATER SERVICE	EACH	71		71	\$150.00	\$10,650.00	0.00	\$0.00	65.00	\$9,750.00
105	ADJUST GATE VALVE BOX	EACH	5	2	7	\$300.00	\$1,500.00	0.00	\$0.00	5.00	\$1,500.00
106	HYDRANT	EACH	21	-2	19	\$4,750.00	\$99,750.00	0.00	\$0.00	19.00	\$90,250.00
107	6" GATE VALVE & BOX	EACH	28	-2	26	\$1,600.00	\$44,800.00	-3.00	-\$4,800.00	23.00	\$36,800.00
108	8" GATE VALVE & BOX	EACH	24	-1	23	\$2,150.00	\$51,600.00	-4.00	-\$8,600.00	19.00	\$40,850.00
109	1" TYPE K COPPER PIPE	LF	1873	-189	1684	\$48.00	\$89,904.00	20.00	\$960.00	2,012.00	\$96,576.00
110	2" TYPE K COPPER PIPE	LF	50		50	\$63.00	\$3,150.00	0.00	\$0.00	0.00	\$0.00
111	8" HDPE WATERMAIN (HORIZONTAL DIRECTIONAL DRILL)	LF	1002	-1002	0	\$44.00	\$44,088.00	0.00	\$0.00	0.00	\$0.00
112	6" WATER MAIN DIP - CL 52 (POLY ENCASED)	LF	824	-23	801	\$58.00	\$47,792.00	10.00	\$580.00	700.00	\$40,600.00
113	8" WATER MAIN DIP - CL 52 (POLY ENCASED)	LF	7605		7605	\$64.00	\$486,720.00	26.00	\$1,664.00	7,566.00	\$484,224.00
114	DUCTILE IRON FITTINGS	LB	4866	-500	4366	\$10.00	\$48,660.00	0.00	\$0.00	4,886.00	\$48,860.00
115	CONSTRUCT OVERFLOW CONTROL STRUCTURE (W/ CASTING)	EACH	1		1	\$3,050.00	\$3,050.00	0.00	\$0.00	1.00	\$3,050.00
116	CONSTRUCT DRAINAGE STRUCTURE DES. 402 (W/ CASTING)	EACH	3	2	5	\$2,230.00	\$6,690.00	2.00	\$4,460.00	5.00	\$11,150.00
117	CONSTRUCT DRAINAGE STRUCTURE DES. 404 (W/ CASTING)	EACH	7	1	8	\$2,600.00	\$18,200.00	1.00	\$2,600.00	8.00	\$20,800.00
118	CONSTRUCT DRAINAGE STRUCTURE DES. DES. 406 - 48" (W/ CASTING)	EACH	32	-11	21	\$3,125.00	\$100,000.00	0.00	\$0.00	21.00	\$65,625.00
119	CONSTRUCT DRAINAGE STRUCTURE DES. 405 - 48" (W/ 4' SUMP, MH Baffle & CAST)	EACH	2	5	7	\$10,530.00	\$21,060.00	0.00	\$0.00	7.00	\$73,710.00
120	CONNECT TO EXISTING STORM STRUCTURE	EACH	3		3	\$1,200.00	\$3,600.00	2.00	\$2,400.00	4.00	\$4,800.00
121	CONNECT DRAINTILE TO EXISTING STORM STRUCTURE	EACH	1		1	\$700.00	\$700.00	0.00	\$0.00	1.00	\$700.00
122	CONNECT TO EXISTING STORM PIPE	EACH	1		1	\$900.00	\$900.00	0.00	\$0.00	1.00	\$900.00
123	CLEAN AND TELEWISE STORM SEWER	LF	4481	-925	3556	\$2.00	\$8,962.00	1,052.00	\$2,104.00	3,449.00	\$6,898.00
124	RANDOM RIP-RAP, CLASS III (INCLUDES GEOTEXTILE FABRIC, TYPE IV)	CY	53	17	70	\$40.00	\$2,120.00	0.00	\$0.00	51.00	\$2,040.00
125	26" CONCRETE RIBBON CURB	LF	7156	415	7571	\$11.75	\$84,083.00	106.00	\$1,245.50	6,562.00	\$77,103.50
126	SURMOUNTABLE CONCRETE CURB & GUTTER	LF	1010		1010	\$14.00	\$14,140.00	0.00	\$0.00	956.00	\$13,384.00
127	B618 CONCRETE CURB & GUTTER	LF	9546	-479	9067	\$14.50	\$138,417.00	0.00	\$0.00	9,245.00	\$134,052.50
128	B624 CONCRETE CURB & GUTTER	LF	60	-23	37	\$31.00	\$1,860.00	0.00	\$0.00	0.00	\$0.00
129	6" CONCRETE DRIVEWAY PAVEMENT	SY	546		546	\$67.00	\$36,582.00	43.80	\$2,934.60	795.90	\$53,325.30
130	8" CONCRETE DRIVEWAY PAVEMENT	SY	77		77	\$97.00	\$7,469.00	0.00	\$0.00	249.90	\$24,240.30
131	5" CONCRETE WALK	SF	1036	-200	836	\$7.00	\$7,252.00	0.00	\$0.00	957.00	\$6,699.00
132	6" CONCRETE WALK	SF	315	285	600	\$7.50	\$2,362.50	0.00	\$0.00	1,084.00	\$8,130.00
133	SALVAGE AND INSTALL MAILBOX ASSEMBLY	EACH	67		67	\$250.00	\$16,750.00	0.00	\$0.00	70.00	\$17,500.00
134	FURNISH AND INSTALL 4' CHAIN LINK FENCE	LF	220		220	\$33.00	\$7,260.00	0.00	\$0.00	0.00	\$0.00
135	FURNISH AND INSTALL 5' CHAIN LINK FENCE (MOUNTED ON WALL)	LF	144		144	\$73.00	\$10,512.00	0.00	\$0.00	151.00	\$11,023.00
136	TRAFFIC CONTROL	LS	1		1	\$49,500.00	\$49,500.00	0.00	\$0.00	1.00	\$49,500.00
137	SALVAGE AND INSTALL SIGN TYPE C	EACH	2	-1	1	\$300.00	\$600.00	0.00	\$0.00	2.00	\$600.00
138	SIGN TYPE SPECIAL (STREET NAME SIGN)	EACH	8		8	\$479.00	\$3,832.00	8.00	\$3,832.00	8.00	\$3,832.00
139	SIGN TYPE C	SF	269		269	\$44.00	\$11,836.00	60.00	\$2,640.00	260.00	\$11,440.00
140	SILT FENCE, PREASSEMBLED	LF	6648		6648	\$1.75	\$11,634.00	400.00	\$700.00	3,500.00	\$6,125.00
141	TEMPORARY ROCK CONSTRUCTION ENTRANCE	EACH	10		10	\$500.00	\$5,000.00	0.00	\$0.00	0.00	\$0.00
142	STORM DRAIN INLET PROTECTION	EACH	70		70	\$115.00	\$8,050.00	0.00	\$0.00	8.00	\$920.00
143	FILTER TOPSOIL BORROW (IN-PLACE VOLUME) (P)	CY	710	30	740	\$37.00	\$26,270.00	30.00	\$1,110.00	740.00	\$27,380.00
144	COMMON TOPSOIL BORROW (PULVERIZED) (LV)	CY	3322		3322	\$34.00	\$112,948.00	313.50	\$10,659.00	2,813.50	\$95,659.00
145	SODDING, TYPE MINERAL	SY	13767		13767	\$9.00	\$123,903.00	1,182.00	\$10,638.00	#####	\$154,800.00
146	HYDRAULIC BONDED FIBER MATRIX	LB	5288		5288	\$1.00	\$5,288.00	0.00	\$0.00	1,000.00	\$1,000.00
147	EROSION CONTROL BLANKET CATEGORY 3N	SY	15825	100	15925	\$1.50	\$23,737.50	9,550.00	\$14,325.00	#####	\$24,120.00
148	SEDIMENT CONTROL LOG	LF	6675	100	6775	\$3.50	\$23,662.50	0.00	\$0.00	2,100.00	\$7,350.00
149	SEEDING (SEED MIXTURE TYPE 21-113)	ACRE	1.51		1.51	\$3,140.00	\$4,741.40	0.00	\$0.00	0.00	\$0.00
150	SEEDING (SEED MIXTURE TYPE 25-141)	ACRE	2.99		2.99	\$4,900.00	\$14,651.00	1.76	\$8,624.00	3.10	\$15,190.00
151	SEEDING (SEED MIXTURE TYPE 33-261)	ACRE	0.38	0.02	0.40	\$5,710.00	\$2,169.80	0.19	\$1,084.90	0.19	\$1,084.90
152	4" SOLID LINE WHITE EPOXY	LF	210	-60	150	\$3.00	\$630.00	0.00	\$0.00	0.00	\$0.00
153	4" DOUBLE SOLID LINE YELLOW EPOXY	LF	30	-30	0	\$5.00	\$150.00	0.00	\$0.00	0.00	\$0.00

