

DATE May 8, 2017

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT  
FOR SE CONNECTOR PAVING - S.E. 9TH STREET TO S.E. 15TH STREET, ELDER CORPORATION**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the SE Connector Paving - S.E. 9th Street to S.E. 15th Street, 06-2010-018, in accordance with the contract approved between Elder Corporation, Jared R. Elder II, President, 5088 E. University Avenue, Des Moines, IA 50327, under Roll Call No. 13-0607, of April 8, 2013, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

BE IT FURTHER RESOLVED: That \$7,719,124.83 is the total cost, of which \$7,689,124.83 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$30,000.00 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

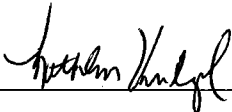
BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.

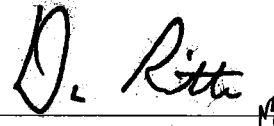
BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.


Moved by \_\_\_\_\_ to adopt.

FORM APPROVED:

FUNDS AVAILABLE





 Kathleen Vanderpool  
Deputy City Attorney

Daniel E. Ritter  
Des Moines Finance Director

Funding Source: 2016-2017 CIP, Page Street - 35, Southeast Connector - S.E. Sixth Street to S.E. 14th, ST219, Being: \$4,642,257.69 (maximum) in Federal Surface Transportation Program (STP) funds being 80% eligible for roadway construction costs under IDOT Project No. NHSX-U-1945(408)--8S-77; and \$125,000 (maximum) in Federal Surface Transportation Program Transportation Enhancement funds being 80% for eligible trail construction costs; and \$399,369.27 (maximum) in IA228 Federal Earmark being 100% eligible for roadway construction costs; and \$261,304.60 from Des Moines Water Works for water main construction; \$1,291,193.27 in Des Moines Tax Increment Bonds; and \$1,000,000 in G.O. Bonds

NHSX-U-1945 (408)--8S-77, NHSX-U-1945(408) --8S-77, NHSX-U-1945(408)--8S-77

★ **Roll Call Number**

**Agenda Item Number**

**17**

DATE May 8, 2017

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MOORE				
WESTERGAARD				
TOTAL				

MOTION CARRIED

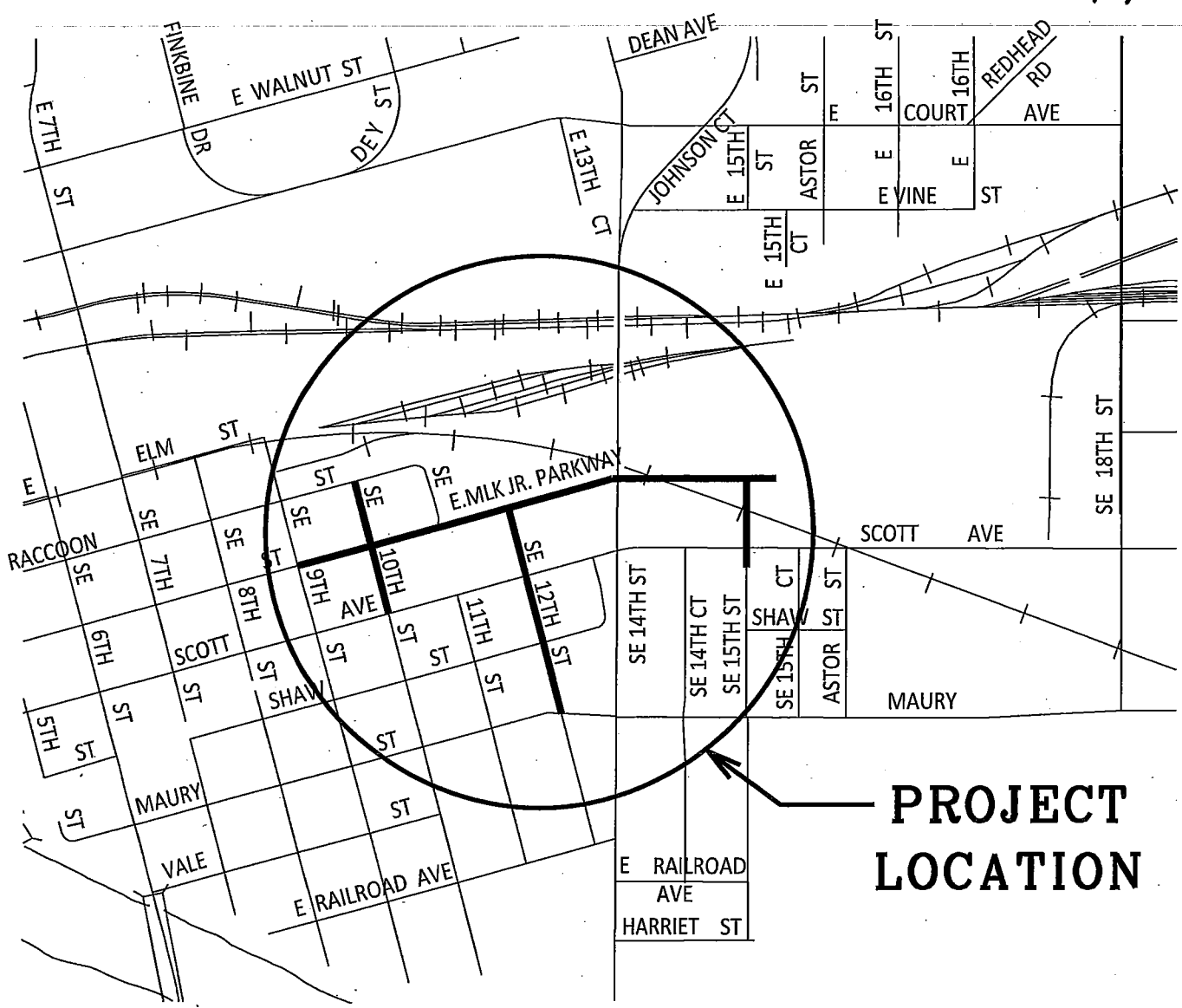
APPROVED

\_\_\_\_\_  
Mayor

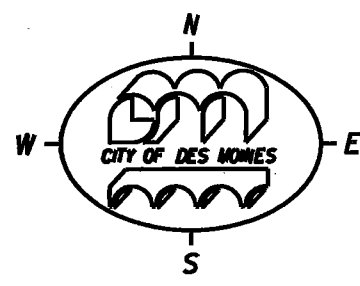
I, Diane Rauh, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

\_\_\_\_\_  
City Clerk



**PROJECT  
LOCATION**



**S.E. CONNECTOR PAVING  
S.E. 9TH STREET TO S.E. 15TH STREET  
ACTIVITY I.D. 06-2010-018**



## PROJECT SUMMARY

SE Connector Paving - S.E. 9th Street to S.E. 15th Street

Activity ID 06-2010-018

On April 8, 2013, under Roll Call No. 13-0607, the Council awarded the contract for the above improvements to Elder Corporation, in the amount of \$7,130,000.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	6/6/2013 Add tree protection provision to the contract.	\$5,675.00
2	Contractor	7/29/2013 Addition of Surface Rubble Removal item and extension of quantity for Subsurface Rubble Removal contract item.	\$450,000.00
3	Contractor	6/30/2014 Add hot mix asphalt to the contract for tie-in work to existing and new pavements.	\$24,885.00
4	Engineering	7/18/2014 Change detectable warning panels to be installed at ramps throughout the project; add informational construction signing.	\$23,741.80
5	Contractor	10/20/2014 Addition of landscaping adjacent to railroad tracks at SE 14th Street viaduct and relocation of a fire hydrant at SE 11th Street and Raccoon Street.	\$24,980.00
6	Contractor	11/20/2014 Additional fencing for two S.E. 12th Street properties, additional retaining wall at SE 15th Street pump station, quantity increase for concrete banding adjacent to railroad tracks, and adjustment of several Des Moines Water Works items.	\$24,669.00
7	Contractor	1/12/2015 Add for Des Moines Water Works water main repair due to watermain break.	\$76,439.10
8	City	3/9/2015	\$64,097.28

Addition of conduit and fiber to the Municipal Services Center (MSC) for cable television, from S.E. 15th to the MSC, from S.E. 12th Street to the MSC, and for fiber only from S.E. 6th Street to the MSC.

9	Contractor	5/15/2015 Addition of dowelled medians at SE 15th Street, special seeding in detention basins, dowel baskets for Raccoon Street cul-de-sac PCC paving, and traffic signalization modifications.	\$23,757.80
10	Contractor	7/28/2015 Addition of railroad approach PCC pavement handwork.	\$12,229.81
11	Engineering	8/27/2015 Adjustment of quantities to the as-built quantities.	\$23,296.50
12	Contractor	2/23/2016 Quantity adjustment to the as-built quantities.	\$(65,941.89)
13	Contractor	4/20/2016 Adjustment of quantities to the as-built measurements, and the addition of pavement thickness incentive per IDOT specifications.	\$17,881.56
14	Engineering	10/17/2016 Adjust contract quantities to as-built quantities, and addition of price adjustments for liquidated damages.	\$(116,586.13)
		<b>Original Contract Amount</b>	\$7,130,000.00
		<b>Total Change Orders</b>	\$589,124.83
		<b>Percent of Change Orders to Original Contract</b>	8.26%
		<b>Total Contract Amount</b>	\$7,719,124.83

May 8, 2017



**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the SE Connector Paving - S.E. 9th Street to S.E. 15th Street, Elder Corporation.

**SYNOPSIS:**

Approve the Engineer's Certification of Completion, accept construction of said improvement, and authorize final payment to the contractor.

**FISCAL IMPACT:**

Amount: \$7,719,124.83 As-Built Contract Cost

Funding Source: 2016-2017 CIP, Page Street - 35, Southeast Connector - S.E. Sixth Street to S.E. 14th, ST219, Being: \$4,642,257.69 (maximum) in Federal Surface Transportation Program (STP) funds being 80% eligible for roadway construction costs under IDOT Project No. NHSX-U-1945(408)--8S-77; and \$125,000 (maximum) in Federal Surface Transportation Program Transportation Enhancement funds being 80% for eligible trail construction costs; and \$399,369.27 (maximum) in IA228 Federal Earmark being 100% eligible for roadway construction costs; and \$261,304.60 from Des Moines Water Works for water main construction; \$1,291,193.27 in Des Moines Tax Increment Bonds; and \$1,000,000 in G.O. Bonds

**CERTIFICATION OF COMPLETION:**

On April 8, 2013, under Roll Call No. 13-0607, the City Council awarded a contract to Elder Corporation, Jared R. Elder II, President, 5088 E. University Avenue, Des Moines, IA 50327 for the construction of the following improvement:

SE Connector Paving - S.E. 9th Street to S.E. 15th Street, 06-2010-018

The improvement includes construction of a Portland Cement Pavement ten (10) inches thick on the Southeast Connector, S.E. 12th Street and S.E. 15th Street and eight (8) inches thick on S.E. 10th Street and Raccoon Street with various width pavements and medians; together with the necessary removals, earthwork, clearing, grubbing, erosion control, sidewalks, driveways, recreational trails, pavement subdrains, storm sewers, railroad crossings, traffic control, traffic signals, street lighting, intersection enhancements, landscaping and irrigation system; all in accordance with the contract documents including Plan File Nos. 542-001/232 on the Southeast Connector from S.E. 9th Street to S.E. 15th Street, Des Moines, Iowa

I hereby certify that the construction of said SE Connector Paving - S.E. 9th Street to S.E. 15th Street, Activity ID 06-2010-018, has been completed in substantial compliance with the terms of said contract, and I hereby recommend that the work be accepted. The work commenced on May 7, 2013, and was completed on May 2, 2017.

I further certify that \$7,719,124.83 is the total cost of said improvement, of which \$7,689,124.83 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$30,000.00 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573. The amount of completed work is shown on the attached Estimate of Construction Completed.



Pamela S. Cooksey, P.E.  
Des Moines City Engineer

ENGINEERING DEPARTMENT  
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED  
FOR WORK DONE FROM 6/4/16 to 3/31/17  
PARTIAL PAYMENT NO. 40 (FINAL)

CITY OF DES MOINES  
PROJECT: SOUTHEAST CONNECTOR FROM SE 9TH ST. TO SE 15TH ST.  
CONTRACTOR: ELDER CORPORATION

Project No: NHSX-U-1945(408)-8S-77  
Activity ID: 06-2010-018  
3/31/2017

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	DIVISION 1 TOTAL AMOUNT	DIVISION 2 TOTAL AMOUNT	DIVISION 3 TOTAL AMOUNT	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE					
0010	CLEARING AND GRUBBING	UNIT	183.300	474.600	474.600	\$36.00	\$17,085.60	\$0.00	\$0.00	\$17,085.60
0020	SPECIAL BACKFILL	CY	2,000.000	168.400	168.400	\$34.50	\$5,809.80	\$0.00	\$0.00	\$5,809.80
0030	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	79,406.000	61,442.000	61,442.000	\$5.75	\$284,291.50	\$69,000.00	\$0.00	\$353,291.50
0040	EXCAVATION, CLASS 10, UNSUITABLE OR UNSTABLE MATERIAL	CY	16,670.000	168.400	168.400	\$2.50	\$421.00	\$0.00	\$0.00	\$421.00
0050	TOPSOIL, FURNISH AND SPREAD	CY	3,000.000	1,825.000	1,825.000	\$18.00	\$32,850.00	\$0.00	\$0.00	\$32,850.00
0060	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	3,900.000	5,075.000	5,075.000	\$4.50	\$22,837.50	\$0.00	\$0.00	\$22,837.50
0070	COMPACTION WITH MOISTURE AND DENSITY CONTROL	CY	12,913.000	12,913.000	12,913.000	\$2.00	\$25,026.00	\$800.00	\$0.00	\$25,826.00
0080	SUBGRADE STABILIZATION MATERIAL, POLYMER GRID	SY	11,450.000	2,425.900	2,425.900	\$3.50	\$8,490.65	\$0.00	\$0.00	\$8,490.65
0090	MODIFIED SUBBASE	CY	12,900.000	12,900.000	12,900.000	\$34.50	\$431,250.00	\$13,800.00	\$0.00	\$445,050.00
0100	SHOULDER CONSTRUCTION, EARTH	STA	144.000	144.000	144.000	\$280.00	\$40,320.00	\$0.00	\$0.00	\$40,320.00
0110	RELOCATION OF MAIL BOXES	EACH	7.000	7.000	7.000	\$211.00	\$1,477.00	\$0.00	\$0.00	\$1,477.00
0120	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMEN	SY	2,966.000	623.800	623.800	\$38.00	\$23,704.40	\$0.00	\$0.00	\$23,704.40
0130	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMEN	SY	1,922.000	3,072.600	3,072.600	\$48.00	\$147,484.80	\$0.00	\$0.00	\$147,484.80
0140	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMEN	SY	32,072.000	31,553.200	31,553.200	\$48.00	\$1,339,593.60	\$174,960.00	\$0.00	\$1,514,553.60
0150	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES	LS	1.000	1.000	1.000	\$2,500.00	\$2,500.00	\$0.00	\$0.00	\$2,500.00
0160	GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE	TON	100.000	198.380	198.380	\$24.00	\$4,761.12	\$0.00	\$0.00	\$4,761.12
0170	GRANULAR BACKFILL	TON	1,666.000	1,622.080	1,622.080	\$25.00	\$40,552.00	\$0.00	\$0.00	\$40,552.00
0180	STRUCTURAL CONCRETE (BRIDGE)	CY	6.700	6.700	6.700	\$1,800.00	\$12,060.00	\$0.00	\$0.00	\$12,060.00
0190	REINFORCING STEEL, EPOXY COATED	LB	488.000	488.000	488.000	\$3.05	\$1,488.40	\$0.00	\$0.00	\$1,488.40
0200	EXCAVATE AND DEWATER	LS	1.000	1.000	1.000	\$27,000.00	\$27,000.00	\$0.00	\$0.00	\$27,000.00
0210	APRONS, CONCRETE, 12 IN. DIA.	EACH	1.000	1.000	1.000	\$970.00	\$970.00	\$0.00	\$0.00	\$970.00
0220	APRONS, CONCRETE, 18 IN. DIA.	EACH	9.000	7.000	7.000	\$1,100.00	\$7,700.00	\$0.00	\$0.00	\$7,700.00
0230	APRONS, CONCRETE, 24 IN. DIA.	EACH	4.000	4.000	4.000	\$1,200.00	\$4,800.00	\$0.00	\$0.00	\$4,800.00
0240	APRONS, CONCRETE, 36 IN. DIA.	EACH	5.000	5.000	5.000	\$1,800.00	\$9,000.00	\$0.00	\$0.00	\$9,000.00
0250	MANHOLE, STORM SEWER, SW-401, 48 IN.	EACH	2.000	1.000	1.000	\$2,400.00	\$2,400.00	\$0.00	\$0.00	\$2,400.00
0260	MANHOLE, STORM SEWER, SW-402	EACH	9.000	9.000	9.000	\$5,000.00	\$45,000.00	\$0.00	\$0.00	\$45,000.00
0270	MANHOLE, STORM SEWER, SW-403	EACH	2.000	2.000	2.000	\$8,800.00	\$17,600.00	\$0.00	\$0.00	\$17,600.00
0280	MANHOLE, STORM SEWER, SW-404	EACH	5.000	5.000	5.000	\$11,000.00	\$55,000.00	\$0.00	\$0.00	\$55,000.00
0290	INTAKE, SW-501	EACH	6.000	5.000	5.000	\$2,900.00	\$14,500.00	\$0.00	\$0.00	\$14,500.00
0300	INTAKE, SW-503	EACH	1.000	1.000	1.000	\$4,700.00	\$4,700.00	\$0.00	\$0.00	\$4,700.00
0310	INTAKE, SW-505	EACH	9.000	8.000	8.000	\$4,500.00	\$36,000.00	\$0.00	\$0.00	\$36,000.00
0320	INTAKE, SW-506	EACH	2.000	2.000	2.000	\$6,200.00	\$12,400.00	\$0.00	\$0.00	\$12,400.00
0330	INTAKE, SW-507	EACH	14.000	15.000	15.000	\$5,900.00	\$88,500.00	\$0.00	\$0.00	\$88,500.00
0340	INTAKE, SW-509	EACH	19.000	21.000	21.000	\$7,900.00	\$165,900.00	\$0.00	\$0.00	\$165,900.00
0350	INTAKE, SW-512, 24 IN.	EACH	1.000	1.000	1.000	\$1,300.00	\$1,300.00	\$0.00	\$0.00	\$1,300.00
0360	INTAKE, SW-513	EACH	3.000	3.000	3.000	\$4,400.00	\$13,200.00	\$0.00	\$0.00	\$13,200.00
0370	MANHOLE ADJUSTMENT, MINOR	EACH	8.000	7.000	7.000	\$1,000.00	\$7,000.00	\$0.00	\$0.00	\$7,000.00
0380	MANHOLE ADJUSTMENT, MAJOR	EACH	2.000	4.000	4.000	\$2,100.00	\$8,400.00	\$0.00	\$0.00	\$8,400.00
0390	INTAKE ADJUSTMENT, MINOR	EACH	4.000	4.000	4.000	\$610.00	\$2,440.00	\$0.00	\$0.00	\$2,440.00
0400	TEMPORARY SHEET PILE, RETAINING WALL	LS	1.000	1.000	1.000	\$172,000.00	\$172,000.00	\$0.00	\$0.00	\$172,000.00
0410	SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.	LF	9,889.400	10,225.000	10,225.000	\$8.40	\$85,890.00	\$0.00	\$0.00	\$85,890.00
0420	SUBDRAIN, PVC, STANDARD, NON-PERFORATED, 4 IN.	LF	2,305.000	1,586.500	1,586.500	\$11.35	\$18,006.78	\$0.00	\$0.00	\$18,006.78
0430	SUBDRAIN OUTLET (RF-19C)	EACH	59.000	76.000	76.000	\$241.00	\$18,316.00	\$0.00	\$0.00	\$18,316.00
0440	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE	LF	32.000	32.000	32.000	\$36.50	\$1,168.00	\$0.00	\$0.00	\$1,168.00
0450	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE	LF	316.000	385.000	385.000	\$36.00	\$13,860.00	\$0.00	\$0.00	\$13,860.00
0460	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE	LF	2,075.000	2,234.000	2,234.000	\$37.00	\$82,658.00	\$0.00	\$0.00	\$82,658.00
0470	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE	LF	1,082.000	1,086.000	1,086.000	\$45.00	\$48,870.00	\$0.00	\$0.00	\$48,870.00
0480	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE	LF	217.000	225.000	225.000	\$60.50	\$13,612.50	\$0.00	\$0.00	\$13,612.50
0490	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE	LF	1,557.000	1,543.000	1,543.000	\$85.50	\$131,926.50	\$0.00	\$0.00	\$131,926.50
0500	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE	LF	366.000	331.000	331.000	\$90.50	\$29,955.50	\$0.00	\$0.00	\$29,955.50
0510	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	905.000	800.000	800.000	\$22.25	\$17,800.00	\$0.00	\$0.00	\$17,800.00
0520	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (I	LF	152.000	159.000	159.000	\$120.00	\$19,080.00	\$0.00	\$0.00	\$19,080.00
0530	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (I	LF	42.000	42.000	42.000	\$183.50	\$7,707.00	\$0.00	\$0.00	\$7,707.00
0540	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (I	LF	404.000	358.000	358.000	\$218.50	\$78,223.00	\$0.00	\$0.00	\$78,223.00
0550	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE	LF	70.000	70.000	70.000	\$660.00	\$46,200.00	\$0.00	\$0.00	\$46,200.00
0560	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE	LF	100.000	100.000	100.000	\$800.00	\$80,000.00	\$0.00	\$0.00	\$80,000.00
0570	SANITARY SEWER SERVICE RELOCATION	EACH	4.000	2.000	2.000	\$1,900.00	\$3,800.00	\$0.00	\$0.00	\$3,800.00

17



LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	DIVISION 1 TOTAL AMOUNT	DIVISION 2 TOTAL AMOUNT	DIVISION 3 TOTAL AMOUNT	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE					
0580	FLOWABLE MORTAR	CY	12,000	7,000	7,000	\$290.00	\$2,030.00	\$0.00	\$0.00	\$2,030.00
0590	ENGINEERING FABRIC	SY	626,000	626,000	626,000	\$2.15	\$1,345.90	\$0.00	\$0.00	\$1,345.90
0600	REVEITEMENT, CLASS E	TON	650,000	349,850	349,850	\$38.50	\$13,469.23	\$0.00	\$0.00	\$13,469.22
0610	REMOVAL OF PAVEMENT	SY	2,734,000	2,295,900	2,295,900	\$5.50	\$12,627.45	\$0.00	\$0.00	\$12,627.45
0620	REMOVAL OF INTAKES AND UTILITY ACCESSES	EACH	5,000	5,000	5,000	\$575.00	\$2,875.00	\$0.00	\$0.00	\$2,875.00
0630	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 5 IN.	SY	2,851,000	2,704,400	2,704,400	\$30.50	\$0.00	\$82,484.20	\$0.00	\$82,484.20
0640	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	STA	26,410	26,410	26,410	\$290.00	\$0.00	\$7,658.90	\$0.00	\$7,658.90
0650	REMOVAL OF SIDEWALK	SY	914,300	914,300	914,300	\$2.50	\$2,285.75	\$0.00	\$0.00	\$2,285.75
0660	SIDEWALK, P.C. CONCRETE, 5 IN.	SY	1,928,800	2,426,600	2,426,600	\$30.50	\$74,011.30	\$0.00	\$0.00	\$74,011.30
0670	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	590,000	667,000	667,000	\$30.50	\$20,343.50	\$0.00	\$0.00	\$20,343.50
0680	DETECTABLE WARNINGS	SF	484,000	0,000	0,000	\$33.50	\$0.00	\$0.00	\$0.00	\$0.00
0690	DRIVEWAY, P.C. CONCRETE, 6 IN.	SY	805,000	802,000	802,000	\$35.50	\$28,471.00	\$0.00	\$0.00	\$28,471.00
0700	REMOVAL OF PAVED DRIVEWAY	SY	519,600	479,600	479,600	\$4.00	\$1,918.40	\$0.00	\$0.00	\$1,918.40
0710	RAILROAD APPROACH SECTION, P.C.C.	SY	878,000	1,232,700	1,232,700	\$73.50	\$90,603.45	\$0.00	\$0.00	\$90,603.45
0720	SAFETY CLOSURE	EACH	14,000	3,000	3,000	\$151.50	\$454.50	\$0.00	\$0.00	\$454.50
0730	FENCE, CHAIN LINK, 42 IN. HEIGHT	LF	120,000	0,000	0,000	\$20.00	\$0.00	\$0.00	\$0.00	\$0.00
0740	FENCE, CHAIN LINK, 72 IN. HEIGHT	LF	620,000	0,000	0,000	\$15.50	\$0.00	\$0.00	\$0.00	\$0.00
0750	FENCE, CHAIN LINK WITH SECURITY TOP, 72 IN. HEIGHT	LF	150,000	240,000	240,000	\$24.75	\$5,940.00	\$0.00	\$0.00	\$5,940.00
0760	REMOVAL OF FENCE, CHAIN LINK	LF	950,000	699,000	699,000	\$2.25	\$1,572.75	\$0.00	\$0.00	\$1,572.75
0770	FIELD OFFICE	EACH	1,000	1,000	1,000	\$5,500.00	\$5,500.00	\$0.00	\$0.00	\$5,500.00
0780	TRAFFIC SIGNALIZATION	LS	1,000	1,000	1,000	\$419,000.00	\$419,000.00	\$0.00	\$0.00	\$419,000.00
0790	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	146,680	16,020	16,020	\$21.25	\$340.43	\$0.00	\$0.00	\$340.43
0800	PERMANENT TAPE MARKINGS, PROFILED PAVEMENT MARKING TAPE	STA	140,560	154,160	154,160	\$260.00	\$40,081.60	\$0.00	\$0.00	\$40,081.60
0810	PERMANENT TAPE MARKINGS, INTERSECTION MARKING TAPE	STA	6,120	4,540	4,540	\$260.00	\$1,180.40	\$0.00	\$0.00	\$1,180.40
0820	PRE-CUT SYMBOLS AND LEGENDS, PROFILED PAVEMENT MARKING	EACH	22,000	24,000	24,000	\$330.00	\$7,920.00	\$0.00	\$0.00	\$7,920.00
0830	PRE-CUT SYMBOLS AND LEGENDS, INTERSECTION MARKING TAPE	EACH	19,000	21,000	21,000	\$330.00	\$6,930.00	\$0.00	\$0.00	\$6,930.00
0840	GROOVES CUT FOR PAVEMENT MARKINGS	STA	146,680	154,160	154,160	\$41.50	\$6,397.64	\$0.00	\$0.00	\$6,397.64
0850	GROOVES CUT FOR SYMBOLS AND LEGENDS	EACH	22,000	31,000	31,000	\$101.00	\$3,131.00	\$0.00	\$0.00	\$3,131.00
0860	TEMPORARY BARRIER RAIL, CONCRETE	LF	75,000	75,000	75,000	\$35.50	\$2,662.50	\$0.00	\$0.00	\$2,662.50
0870	TRAFFIC CONTROL	LS	1,000	1,000	1,000	\$5,800.00	\$5,800.00	\$0.00	\$0.00	\$5,800.00
0880	MOBILIZATION	LS	1,000	1,000	1,000	\$261,188.22	\$261,188.22	\$0.00	\$0.00	\$261,188.22
0890	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 8 IN.	LF	152,000	134,000	134,000	\$54.00	\$0.00	\$0.00	\$7,236.00	\$7,236.00
0900	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 16 IN.	LF	789,000	741,500	741,500	\$115.00	\$9,430.00	\$0.00	\$75,842.50	\$85,272.50
0910	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	319,000	317,500	317,500	\$26.50	\$0.00	\$0.00	\$8,413.75	\$8,413.75
0920	FITTINGS BY WEIGHT, DUCTILE IRON	LB	3,625,000	3,836,000	3,836,000	\$11.00	\$11,616.00	\$0.00	\$30,580.00	\$42,196.00
0930	VALVE, GATE, DIP, 8 IN.	EACH	1,000	2,000	2,000	\$1,300.00	\$0.00	\$0.00	\$2,600.00	\$2,600.00
0940	FIRE HYDRANT ASSEMBLY, WM-201	EACH	4,000	3,000	3,000	\$4,600.00	\$0.00	\$0.00	\$13,800.00	\$13,800.00
0950	VALVE BOX EXTENSION	EACH	5,000	5,000	5,000	\$290.00	\$1,450.00	\$0.00	\$0.00	\$1,450.00
0960	FIRE HYDRANT ADJUSTMENT	EACH	2,000	0,000	0,000	\$1,100.00	\$0.00	\$0.00	\$0.00	\$0.00
0970	DELIVER AND STOCKPILE SALVAGED MATERIALS	LS	1,000	1,000	1,000	\$810.00	\$405.00	\$0.00	\$405.00	\$810.00
0980	BNSF AND NS INSURANCE PROVISIONS	LS	1,000	1,000	1,000	\$3,600.00	\$0.00	\$0.00	\$0.00	\$3,600.00
0990	AMENDED SOIL	CY	207,000	79,500	79,500	\$69.50	\$5,525.25	\$0.00	\$0.00	\$5,525.25
1000	SUBSURFACE RUBBLE REMOVAL	CY	1,000,000	15,966,000	15,966,000	\$35.00	\$558,810.00	\$0.00	\$0.00	\$558,810.00
1010	ADJUST STOP BOX TO NEW GRADE	EACH	1,000	1,000	1,000	\$400.00	\$400.00	\$0.00	\$0.00	\$400.00
1020	CHECK DEPTH OF WATER SERVICE	EACH	7,000	7,000	7,000	\$800.00	\$5,600.00	\$0.00	\$0.00	\$5,600.00
1030	FLOWERS, AS PER PLAN	EACH	2,337,000	2,337,000	2,337,000	\$14.25	\$33,302.25	\$0.00	\$0.00	\$33,302.25
1040	LOWER WATER SERVICE	EACH	1,000	0,000	0,000	\$950.00	\$0.00	\$0.00	\$0.00	\$0.00
1050	LOWER WATER SERVICE WITH COPPER	EACH	3,000	0,000	0,000	\$1,275.00	\$0.00	\$0.00	\$0.00	\$0.00
1060	MASONRY PIER - SHORT	EACH	4,000	4,000	4,000	\$3,300.00	\$13,200.00	\$0.00	\$0.00	\$13,200.00
1070	MASONRY PIER - TALL	EACH	21,000	21,000	21,000	\$3,600.00	\$75,600.00	\$0.00	\$0.00	\$75,600.00
1080	MASONRY WALL	EACH	6,000	6,000	6,000	\$3,700.00	\$22,200.00	\$0.00	\$0.00	\$22,200.00
1090	NEW STOP BOX HOUSING AND NEW STOP BOX ROD	EACH	1,000	1,000	1,000	\$950.00	\$950.00	\$0.00	\$0.00	\$950.00
1100	NEW WATER SERVICE	EACH	1,000	0,000	0,000	\$2,500.00	\$0.00	\$0.00	\$0.00	\$0.00
1110	ONE-INCH WATER SERVICE TRANSFER	EACH	6,000	4,000	4,000	\$2,200.00	\$0.00	\$0.00	\$8,800.00	\$8,800.00
1120	PLANT BULBS	EACH	1,831,000	1,831,000	1,831,000	\$1.75	\$3,204.25	\$0.00	\$0.00	\$3,204.25
1130	PREPARE EXCAVATION FOR TAPPING SLEEVE	EACH	2,000	1,000	1,000	\$1,400.00	\$0.00	\$0.00	\$1,400.00	\$1,400.00
1140	REMOVAL OF FIRE HYDRANT	EACH	3,000	3,000	3,000	\$750.00	\$0.00	\$0.00	\$2,250.00	\$2,250.00
1150	VALVE, GATE, DIP, 16 IN.	EACH	1,000	1,000	1,000	\$5,800.00	\$0.00	\$0.00	\$5,800.00	\$5,800.00
1160	CASING PIPE, TRENCHLESS, 15-INCH STEEL	LF	320,000	320,000	320,000	\$185.00	\$59,200.00	\$0.00	\$0.00	\$59,200.00
1170	ELECTRICAL CONDUIT, TRENCHED, 4-INCH	LF	700,000	880,000	880,000	\$18.25	\$16,060.00	\$0.00	\$0.00	\$16,060.00
1180	ELECTRICAL CONDUIT, TRENCHED, 6-INCH	LF	380,000	700,000	700,000	\$22.25	\$15,575.00	\$0.00	\$0.00	\$15,575.00
1190	ELECTRICAL CONDUIT, TRENCHLESS, 4-INCH	LF	200,000	0,000	0,000	\$50.50	\$0.00	\$0.00	\$0.00	\$0.00
1200	LIMESTONE EDGER	LF	1,507,000	1,580,000	1,580,000	\$13.30	\$21,014.00	\$0.00	\$0.00	\$21,014.00
1210	REMOVAL OF WATER MAIN	LF	130,000	130,000	130,000	\$24.00	\$3,120.00	\$0.00	\$0.00	\$3,120.00
1220	BRIDGE DECK DRAINAGE SYSTEM	LS	1,000	1,000	1,000	\$152,000.00	\$152,000.00	\$0.00	\$0.00	\$152,000.00
1230	ELECTRICAL SERVICE RELOCATION	LS	1,000	1,000	1,000	\$4,700.00	\$4,700.00	\$0.00	\$0.00	\$4,700.00

LINE NO.	DESCRIPTION	UNIT	UNITS			CONSTRUCTED TO DATE	UNIT PRICE	DIVISION 1 TOTAL AMOUNT	DIVISION 2 TOTAL AMOUNT	DIVISION 3 TOTAL AMOUNT	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	UNITS						
1240	FIRE HYDRANT RELOCATION STA. 1201+06	LS	1.000	0.000	0.000	\$9,500.00	\$0.00	\$0.00	\$0.00	\$0.00	
1250	FIRE HYDRANT RELOCATION STA. 1204+87	LS	1.000	1.000	1.000	\$7,500.00	\$0.00	\$0.00	\$7,500.00	\$7,500.00	
1260	FIRE HYDRANT RELOCATION STA. 1301+85	LS	1.000	1.000	1.000	\$7,500.00	\$0.00	\$0.00	\$7,500.00	\$7,500.00	
1270	IRRIGATION	LS	1.000	1.000	1.000	\$105,000.00	\$105,000.00	\$0.00	\$0.00	\$105,000.00	
1280	RELOCATE CHAIN LINK GATE	LS	1.000	1.000	1.000	\$1,200.00	\$1,200.00	\$0.00	\$0.00	\$1,200.00	
1290	ROADWAY ELECTRICAL	LS	1.000	1.000	1.000	\$150,000.00	\$150,000.00	\$0.00	\$0.00	\$150,000.00	
1300	ROADWAY LIGHTING	LS	1.000	1.000	1.000	\$217,000.00	\$217,000.00	\$0.00	\$0.00	\$217,000.00	
1310	STORMWATER POLLUTION PREVENTION PLAN	LS	1.000	1.000	1.000	\$5,300.00	\$5,300.00	\$0.00	\$0.00	\$5,300.00	
1320	SURFACE RUBBLE REMOVAL	LS	1.000	1.000	1.000	\$18,000.00	\$18,000.00	\$0.00	\$0.00	\$18,000.00	
1330	VIDEO INSPECTION OF STORM SEWER	LS	1.000	0.500	0.500	\$15,000.00	\$7,500.00	\$0.00	\$0.00	\$7,500.00	
1340	CONCRETE SUBSAB. P.C.C. 4"	SF	6,486.500	6,486.500	6,486.500	\$4.05	\$26,270.53	\$0.00	\$0.00	\$26,270.53	
1350	PCC PAVERS, CROSS WALKS (TYPE 1)	SF	2,108.000	2,108.000	2,108.000	\$6.70	\$14,123.60	\$0.00	\$0.00	\$14,123.60	
1360	PCC PAVERS, SIDEWALKS (DETECTABLE WARNING PAVERS)	SF	402.000	0.000	0.000	\$8.85	\$0.00	\$0.00	\$0.00	\$0.00	
1370	PCC PAVERS, SIDEWALKS (TYPE 1)	SF	6,685.000	6,685.000	6,685.000	\$5.40	\$36,099.00	\$0.00	\$0.00	\$36,099.00	
1380	PCC PAVERS, SIDEWALKS (TYPE 2)	SF	1,027.000	1,027.000	1,027.000	\$5.40	\$5,545.80	\$0.00	\$0.00	\$5,545.80	
1390	BANDING PCC, 7 1/2"	SY	408.000	630.800	630.800	\$81.00	\$51,094.80	\$0.00	\$0.00	\$51,094.80	
1400	PCC FLUME	SY	175.000	160.600	160.600	\$35.50	\$5,701.30	\$0.00	\$0.00	\$5,701.30	
1410	SLOPE PROTECTION, STRAW MAT	TON	20,800.000	18,404.000	18,404.000	\$1.05	\$19,324.20	\$0.00	\$0.00	\$19,324.20	
1420	FOUNDATION ROCK	TON	100.000	36.000	36.000	\$30.00	\$1,080.00	\$0.00	\$1,080.00	\$1,080.00	
1430	MOWING	ACRE	73.000	16.100	16.100	\$62.50	\$1,006.25	\$0.00	\$0.00	\$1,006.25	
1440	MULCHING	ACRE	11.000	5.400	5.400	\$700.00	\$3,780.00	\$0.00	\$0.00	\$3,780.00	
1450	MULCHING, BONDED FIBER MATRIX	ACRE	12.250	9.000	9.000	\$2,403.00	\$21,600.00	\$0.00	\$0.00	\$21,600.00	
1460	SEEDING AND FERTILIZING (URBAN)	ACRE	12.250	7.200	7.200	\$820.00	\$5,904.00	\$0.00	\$0.00	\$5,904.00	
1470	SODDING	SQ	1,900.000	1,435.000	1,435.000	\$33.50	\$50,225.00	\$0.00	\$0.00	\$50,225.00	
1480	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	ACRE	13.000	0.000	0.000	\$228.50	\$0.00	\$0.00	\$0.00	\$0.00	
1490	WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION	M GAL	600.000	567.400	567.400	\$60.00	\$34,044.00	\$0.00	\$0.00	\$34,044.00	
1500	SILT FENCE	LF	221.000	0.000	0.000	\$1.45	\$0.00	\$0.00	\$0.00	\$0.00	
1510	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	221.000	0.000	0.000	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	
1520	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE 9 IN DIA	LF	6,000.000	2,599.000	2,599.000	\$1.45	\$3,768.55	\$0.00	\$0.00	\$3,768.55	
1530	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	6,000.000	2,599.000	2,599.000	\$0.05	\$129.95	\$0.00	\$0.00	\$129.95	
1540	MOBILIZATIONS, EROSION CONTROL	EACH	10.000	0.000	0.000	\$500.00	\$0.00	\$0.00	\$0.00	\$0.00	
1550	SHRUBS	EACH	245.000	245.000	245.000	\$48.50	\$11,882.50	\$0.00	\$0.00	\$11,882.50	
1560	TREES	EACH	197.000	197.000	197.000	\$320.00	\$63,040.00	\$0.00	\$0.00	\$63,040.00	
1570	WATERING FOR PLANTS	M GAL	205.000	21.050	21.050	\$60.50	\$1,394.53	\$0.00	\$0.00	\$1,394.53	
8001	TREE PROTECTION - FENCE	LF	0.000	326.000	326.000	\$2.75	\$896.50	\$0.00	\$0.00	\$896.50	
8002	TREE PROTECTION	LS	0.000	0.000	0.000	\$4,300.00	\$0.00	\$0.00	\$0.00	\$0.00	
8003	SURFACE RUBBLE REMOVAL	CY	0.000	1,368.000	1,368.000	\$25.00	\$34,200.00	\$0.00	\$0.00	\$34,200.00	
8004	HOT MIX ASPHALT MIXTURE (3M ESAL) SURFACE COURSE, 1/2 IN. MIN	TON	0.000	234.590	234.590	\$157.50	\$36,947.93	\$0.00	\$0.00	\$36,947.93	
8005	DETECTABLE WARNINGS	SF	0.000	814.000	814.000	\$47.25	\$38,461.50	\$0.00	\$0.00	\$38,461.50	
8006	INFORMATIONAL SIGNING	EACH	0.000	6.000	6.000	\$275.00	\$1,650.00	\$0.00	\$0.00	\$1,650.00	
8007	FIRE HYDRANT ASSEMBLY	EACH	0.000	1.000	1.000	\$8,000.00	\$8,000.00	\$0.00	\$0.00	\$8,000.00	
8008	LANDSCAPING STONE	SF	0.000	6,047.000	6,047.000	\$2.78	\$16,810.66	\$0.00	\$0.00	\$16,810.66	
8009	CONSTRUCTION SIGNING	EACH	0.000	2.000	2.000	\$150.00	\$300.00	\$0.00	\$0.00	\$300.00	
8010	FENCE CHAIN LINK 60 IN. HEIGHT	LS	0.000	1.000	1.000	\$6,070.00	\$6,070.00	\$0.00	\$0.00	\$6,070.00	
8011	RELOCATE CHAIN LINK GATE	LS	0.000	1.000	1.000	\$1,500.00	\$1,500.00	\$0.00	\$0.00	\$1,500.00	
8012	IRRIGATION REPAIRS	LS	0.000	1.000	1.000	\$3,700.00	\$3,700.00	\$0.00	\$0.00	\$3,700.00	
8013	FIRE HYDRANT INVESTIGATION STA. 1201+06	LS	0.000	1.000	1.000	\$5,485.00	\$0.00	\$0.00	\$5,485.00	\$5,485.00	
8014	SEGMENTAL RETAIN WALL	LS	0.000	1.000	1.000	\$13,940.00	\$13,940.00	\$0.00	\$0.00	\$13,940.00	
8015	WATER MAIN REPAIR	LS	0.000	1.000	1.000	\$82,612.35	\$0.00	\$0.00	\$82,612.35	\$82,612.35	
8016	INTERCONNECT FIBER	LS	0.000	1.000	1.000	\$64,097.28	\$0.00	\$0.00	\$64,097.28	\$64,097.28	
8017	MEDIAN, DOWELED PCC, 6"	SY	0.000	62.200	62.200	\$110.00	\$6,842.00	\$0.00	\$0.00	\$6,842.00	
8018	TRAFFIC SIGNALIZATION	LS	0.000	1.000	1.000	\$9,220.00	\$0.00	\$0.00	\$0.00	\$9,220.00	
8019	DOWEL BASKETS, ADDITIONAL	LS	0.000	1.000	1.000	\$2,886.00	\$0.00	\$0.00	\$0.00	\$2,886.00	
8020	PEDESTRIAN RAMP TIE-INS	LS	0.000	1.000	1.000	\$3,450.00	\$0.00	\$0.00	\$0.00	\$3,450.00	
8021	SEED SPECIAL AREA	ACRE	0.000	0.600	0.600	\$1,650.00	\$990.00	\$0.00	\$0.00	\$990.00	
8022	PCC HOT WATER AND COLD WEATHER PROTECTION	LS	0.000	1.000	1.000	\$15,754.53	\$15,754.53	\$0.00	\$0.00	\$15,754.53	
8023	PCC PAVEMENT APPROACH HANDWORK	LS	0.000	1.000	1.000	\$28,059.63	\$28,059.63	\$0.00	\$0.00	\$28,059.63	
8024	BRIDGE DRAIN PLOUGH	LS	0.000	1.000	1.000	\$32,241.00	\$0.00	\$0.00	\$0.00	\$32,241.00	
8025	TURF REINFORCEMENT MAT, TYPE 2	SQ	0.000	11,900	11,900	\$143.00	\$1,701.70	\$0.00	\$0.00	\$1,701.70	
8026	CLEARING AND GRUBBING	UNIT	0.000	1,225.200	1,225.200	\$50.00	\$0.00	\$0.00	\$0.00	\$0.00	
8027	HMA EXTRA WORK	LS	0.000	1.000	1.000	\$1,650.00	\$1,650.00	\$0.00	\$0.00	\$1,650.00	
8028	EXCAVATION CLASS 10 WASTE	LS	0.000	1.000	1.000	\$755.00	\$0.00	\$0.00	\$0.00	\$755.00	
8029	PAYMENT ADJUSTMENT INCENTIVE FOR PCC PAVEMENT THICKNESS	LS	0.000	1.000	1.000	\$49,861.14	\$49,861.14	\$0.00	\$0.00	\$49,861.14	
8030	PAYMENT ADJUSTMENT INCENTIVE FOR PCC PAVEMENT SMOOTH	LS	0.000	(4,000)	(4,000)	\$500.00	(\$2,000.00)	\$0.00	\$0.00	(\$2,000.00)	
8031	DISINCENTIVE FOR BUMPS AND DEFS NOT CORRECTED IN EACH PAY	LS	0.000	(7,000)	(7,000)	\$900.00	(\$6,300.00)	\$0.00	\$0.00	(\$6,300.00)	
8032	PRICE ADJ \ LIQUIDATED DAMAGES	DAY	0.000	(18,000)	(18,000)	\$1,500.00	(\$27,000.00)	\$0.00	\$0.00	(\$27,000.00)	

