

DATE November 20, 2017

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON E. MCKINLEY AVENUE RECONSTRUCTION FROM S.E. 7TH STREET TO S.E. 14TH STREET WITH ACCESS BRIDGE; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS CORELL CONTRACTOR, INC., GRANT S. CORELL, PRESIDENT, \$4,885,816.20

WHEREAS, on October 23, 2017, under Roll Call No. 17-1852, plans, specifications, form of contract documents, and Engineer's estimate of construction cost were filed with the City Clerk, for the construction of the following improvement:

E. McKinley Avenue Reconstruction from S.E. 7th Street to S.E. 14th Street with Access Bridge, 06-2017-016

The improvement includes constructing a new paved access between Southdale Center and E. McKinley Avenue with 6-inch Portland Cement Concrete (PCC) curb and gutter and 6-inch Hot-Mix Asphalt (HMA) paving, constructing a Continuous Concrete Slab (CCS) bridge across Yeader Creek, along with reconstructing E. McKinley Avenue with PCC curb and gutter, 8.5-inch HMA paving, reinforced concrete box culvert extensions, PCC sidewalk and driveways, storm sewer, earthwork and grading, water main construction, traffic signals, erosion control, and restoration; all in accordance with contract documents, including Plan File Nos.586-001/300, located along E. McKinley Avenue from just west of S.E. 7th Street to S.E. 14th Street, Des Moines, Iowa.

WHEREAS, notice of the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost was published as required by law.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be closed; and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are hereby approved as the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement.

BE IT FURTHER RESOLVED: That sealed bids for said improvement were submitted by the following bidders:

- |                                    |                     |
|------------------------------------|---------------------|
| Corell Contractor, Inc.            | West Des Moines, IA |
| Synergy Contracting, LLC           | Bondurant, IA       |
| Jasper Construction Services, Inc. | Newton, IA          |
| Elder Corporation                  | Des Moines, IA      |

which were received and opened at a public meeting presided over by the Engineer in the Shijiazhuang Room, 2nd Floor, City Administration Building, 400 E. Court Avenue, Des Moines, Iowa at 11:00 a.m. on November 7, 2017. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

★ **Roll Call Number**

Agenda Item Number

65

DATE November 20, 2017

BE IT FURTHER RESOLVED: That the Des Moines City Engineer, as the Engineer, has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Corell Contractor, Inc., Grant S. Corell, President, 1300 Lincoln Street, West Des Moines, IA, 50265 in the amount of \$4,885,816.20, and said bid be and the same is hereby accepted.

BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned in accordance with the Instructions to Bidders.

BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council for approval and authorization to the Mayor to sign; and that no contract shall be deemed to exist between the City of Des Moines and said Bidder until said contract has been executed by the Bidder, and shall have been approved by this Council and executed by the Mayor and attested to by the City Clerk.

BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary road closures for the Project.

(City Council Communication Number 17-789 attached.)

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

FORM APPROVED:

*Kathleen Vanderpool*

Kathleen Vanderpool  
Deputy City Attorney

FUNDS AVAILABLE

*Robert L. Fagen*

Robert L. Fagen  
Des Moines Finance Director

*AC* Funding Source: 2017-2018 CIP, Page Street – 21, McKinley Avenue Widening - Fleur Drive to E. Indianola Avenue, ST212, Being: \$4,194,513.19 in G.O. Bonds; \$330,110.01 in Storm Water Utility Funds transferred from SM057; and the remaining \$361,193 from Des Moines Water Works

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

TABULATED BY: L. Vaughan APPROVED BY: R. De Groot  
CHECKED BY: Scott Lewis

CONTRACTOR'S BID TABULATION  
PROJECT: E. MCKINLEY AVENUE RECONSTRUCTION FROM SE 7TH STREET TO  
SE 14TH STREET WITH ACCESS BRIDGE

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
<b>DIVISION 1 (ACCESS ROAD AND BRIDGE)</b>												
1001	CLEARING AND GRUBBING	1.1 AC	\$25,000.00	\$27,500.00	\$25,300.00	\$27,830.00	\$26,000.00	\$28,600.00	\$27,000.00	\$29,700.00	\$22,000.00	\$24,200.00
1002	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	9366 CY	\$18.00	\$168,588.00	\$16.85	\$157,817.10	\$15.60	\$146,109.60	\$13.20	\$123,631.20	\$21.00	\$196,686.00
1003	EXCAVATION, CLASS 10, CHANNEL	4019 CY	\$10.00	\$40,190.00	\$22.00	\$88,418.00	\$10.40	\$41,797.60	\$9.00	\$36,171.00	\$22.00	\$88,418.00
1004	EXCAVATION, CLASS 10, ROADWAY AND BORROW	1258 CY	\$12.00	\$15,096.00	\$16.50	\$20,757.00	\$10.40	\$13,083.20	\$9.00	\$11,322.00	\$5.00	\$6,290.00
1005	TOPSOIL, FURNISH AND SPREAD	1515 CY	\$15.00	\$22,725.00	\$18.00	\$27,270.00	\$19.50	\$29,542.50	\$16.50	\$24,997.50	\$28.00	\$42,420.00
1006	COMPACTION WITH MOISTURE AND DENSITY CONTROL	7205 CY	\$2.50	\$18,012.50	\$3.25	\$23,416.25	\$2.60	\$18,733.00	\$2.25	\$16,211.25	\$2.00	\$14,410.00
1007	MODIFIED SUBBASE	520 CY	\$44.00	\$22,880.00	\$56.25	\$29,250.00	\$68.90	\$35,828.00	\$58.00	\$30,160.00	\$60.00	\$31,200.00
1008	SHOULDER CONSTRUCTION, EARTH	9 STA	\$475.00	\$4,275.00	\$520.00	\$4,680.00	\$325.00	\$2,925.00	\$275.00	\$2,475.00	\$530.00	\$4,770.00
1009	BRIDGE APPROACH PAVEMENT, AS PER PLAN	148.4 SY	\$230.00	\$34,132.00	\$192.50	\$28,587.00	\$260.00	\$38,584.00	\$275.00	\$40,810.00	\$250.00	\$37,100.00
1010	HMA STD TR, BASE COURSE, 3/4 IN. MIX	315 TON	\$65.00	\$20,475.00	\$79.80	\$25,137.00	\$88.80	\$31,122.00	\$85.00	\$26,775.00	\$80.00	\$25,200.00
1011	HMA STD TR, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION RE	160 TON	\$75.00	\$12,000.00	\$101.85	\$16,296.00	\$126.10	\$20,176.00	\$106.00	\$16,960.00	\$100.00	\$16,000.00
1012	ASPHALT BINDER, 58-28S, STANDARD TRAFFIC	33.9 TON	\$500.00	\$16,950.00	\$367.50	\$12,458.25	\$455.00	\$15,424.50	\$365.00	\$13,051.50	\$370.00	\$12,543.00
1013	HMA PAVEMENT SAMPLES	1 LS	\$2,500.00	\$2,500.00	\$651.00	\$651.00	\$806.00	\$806.00	\$680.00	\$680.00	\$650.00	\$650.00
1014	EXCAVATION, CLASS 20	130 CY	\$30.00	\$3,900.00	\$36.75	\$4,777.50	\$45.50	\$5,915.00	\$38.00	\$4,940.00	\$35.00	\$4,680.00
1015	STRUCTURAL CONCRETE (BRIDGE)	310.5 CY	\$545.00	\$169,222.50	\$630.00	\$195,615.00	\$780.00	\$242,190.00	\$670.00	\$208,035.00	\$630.00	\$195,615.00
1016	REINFORCING STEEL, EPOXY COATED	7477.0 LB	\$1.00	\$7,477.00	\$0.82	\$6,131.40	\$1.01	\$7,517.70	\$0.86	\$6,430.20	\$1.00	\$7,477.00
1017	CONCRETE BARRIER RAILING	262 LF	\$80.00	\$20,960.00	\$49.50	\$12,969.00	\$61.10	\$16,008.20	\$52.00	\$13,624.00	\$50.00	\$13,100.00
1018	APRONS, CONCRETE, 18 IN. DIA.	1 EA	\$2,300.00	\$2,300.00	\$3,100.00	\$3,100.00	\$2,685.00	\$2,685.00	\$2,530.00	\$2,530.00	\$2,000.00	\$2,000.00
1019	APRONS, CONCRETE, 36 IN. DIA.	1 EA	\$4,000.00	\$4,000.00	\$5,250.00	\$5,250.00	\$5,395.00	\$5,395.00	\$3,740.00	\$3,740.00	\$3,400.00	\$3,400.00
1020	MANHOLE, STORM SEWER, SW-401, 48 IN.	1 EA	\$4,200.00	\$4,200.00	\$4,725.00	\$4,725.00	\$3,900.00	\$3,900.00	\$4,950.00	\$4,950.00	\$5,300.00	\$5,300.00
1021	MANHOLE, STORM SEWER, SW-401, 60 IN.	1 EA	\$5,500.00	\$5,500.00	\$14,200.00	\$14,200.00	\$8,970.00	\$8,970.00	\$9,020.00	\$9,020.00	\$8,400.00	\$8,400.00
1022	MANHOLE, STORM SEWER, SW-401, 72 IN.	1 EA	\$9,500.00	\$9,500.00	\$16,500.00	\$16,500.00	\$11,980.00	\$11,980.00	\$11,220.00	\$11,220.00	\$12,000.00	\$12,000.00
1023	INTAKE, SW-501	1 EA	\$3,200.00	\$3,200.00	\$3,300.00	\$3,300.00	\$4,420.00	\$4,420.00	\$4,290.00	\$4,290.00	\$6,400.00	\$6,400.00
1024	INTAKE, SW-505	6 EA	\$5,000.00	\$30,000.00	\$5,100.00	\$30,600.00	\$6,890.00	\$41,340.00	\$6,380.00	\$38,280.00	\$9,800.00	\$58,800.00
1025	INTAKE, SW-506	1 EA	\$7,000.00	\$7,000.00	\$9,500.00	\$9,500.00	\$10,790.00	\$10,790.00	\$9,020.00	\$9,020.00	\$14,000.00	\$14,000.00
1026	INTAKE, SW-512, 24 IN.	1 EA	\$2,000.00	\$2,000.00	\$4,100.00	\$4,100.00	\$2,340.00	\$2,340.00	\$2,090.00	\$2,090.00	\$1,900.00	\$1,900.00
1027	MANHOLE ADJUSTMENT, MINOR	2 EA	\$1,200.00	\$2,400.00	\$1,600.00	\$3,200.00	\$1,690.00	\$3,380.00	\$1,320.00	\$2,640.00	\$1,300.00	\$2,600.00
1028	MANHOLE ADJUSTMENT, MAJOR	3 EA	\$2,500.00	\$7,500.00	\$2,500.00	\$7,500.00	\$2,860.00	\$8,580.00	\$2,640.00	\$7,920.00	\$1,800.00	\$5,400.00
1029	PILES, STEEL, HP 10X42	630 LF	\$40.00	\$25,200.00	\$33.60	\$21,168.00	\$41.60	\$26,208.00	\$35.00	\$22,050.00	\$34.00	\$21,420.00
1030	PILES, STEEL, HP 12X53	990 LF	\$45.00	\$44,550.00	\$38.85	\$38,461.50	\$48.10	\$47,619.00	\$41.00	\$40,590.00	\$39.00	\$38,810.00
1031	CONCRETE ENCASEMENT OF STEEL H PILES, HP 12X53 (P10L TYPE 3)	378 LF	\$120.00	\$45,360.00	\$105.00	\$39,690.00	\$130.00	\$49,140.00	\$110.00	\$41,580.00	\$100.00	\$37,800.00
1032	PREBORED HOLE	180 LF	\$50.00	\$9,000.00	\$42.00	\$7,560.00	\$52.00	\$9,360.00	\$44.00	\$7,920.00	\$42.00	\$7,560.00
1033	SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.	708 LF	\$9.00	\$6,372.00	\$20.00	\$14,160.00	\$23.40	\$16,567.20	\$20.00	\$14,160.00	\$19.00	\$13,452.00
1034	SUBDRAIN OUTLET, DR-303	13 EA	\$325.00	\$4,225.00	\$650.00	\$8,450.00	\$325.00	\$4,225.00	\$350.00	\$4,550.00	\$410.00	\$5,330.00
1035	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE	7.1 LF	\$80.00	\$568.00	\$240.00	\$1,704.00	\$104.00	\$738.40	\$105.00	\$745.50	\$82.00	\$582.20
1036	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE	385.4 LF	\$70.00	\$26,978.00	\$105.00	\$40,467.00	\$106.60	\$41,083.64	\$108.00	\$41,623.20	\$90.00	\$34,686.00
1037	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE	78.9 LF	\$115.00	\$9,073.50	\$240.00	\$18,936.00	\$154.70	\$12,205.83	\$150.00	\$11,835.00	\$121.00	\$9,546.90
1038	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE	51.7 LF	\$125.00	\$6,462.50	\$195.00	\$10,081.50	\$189.80	\$9,812.66	\$180.00	\$9,306.00	\$145.00	\$7,496.50
1039	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	205 LF	\$30.00	\$6,150.00	\$42.00	\$8,610.00	\$19.50	\$3,997.50	\$27.50	\$5,637.50	\$35.00	\$7,175.00
1040	ENGINEERING FABRIC	2455 SY	\$3.00	\$7,365.00	\$3.00	\$7,365.00	\$7.80	\$19,149.00	\$3.30	\$8,101.50	\$3.00	\$7,365.00
1041	REMOVEMENT, CLASS E	2430 TON	\$45.00	\$109,350.00	\$53.00	\$128,790.00	\$67.60	\$164,268.00	\$60.00	\$145,800.00	\$58.00	\$140,940.00
1042	REMOVAL OF PAVEMENT	1135 SY	\$6.00	\$6,810.00	\$8.00	\$9,080.00	\$10.40	\$11,804.00	\$12.00	\$13,620.00	\$14.00	\$15,890.00
1043	REMOVAL OF INTAKES AND UTILITY ACCESSES	3 EA	\$900.00	\$2,700.00	\$2,150.00	\$6,450.00	\$260.00	\$780.00	\$1,000.00	\$3,000.00	\$900.00	\$2,700.00
1044	CURB AND GUTTER, PC CONCRETE, 2.5 FT.	835 LF	\$35.00	\$29,225.00	\$33.00	\$27,555.00	\$39.00	\$32,565.00	\$45.00	\$37,575.00	\$42.00	\$35,070.00
1045	SAFETY CLOSURE	7 EA	\$200.00	\$1,400.00	\$110.00	\$770.00	\$130.00	\$910.00	\$125.00	\$875.00	\$210.00	\$1,470.00
1046	REMOVE AND REINSTALL LIGHT POLE AND LUMINAIRE	2 EA	\$4,000.00	\$8,000.00	\$3,700.00	\$7,400.00	\$3,710.00	\$17,420.00	\$3,750.00	\$7,500.00	\$3,500.00	\$7,000.00
1047	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT BASED	4.5 STA	\$500.00	\$2,250.00	\$165.00	\$742.50	\$195.00	\$877.50	\$165.00	\$742.50	\$130.00	\$585.00
1048	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT BASED	2 EA	\$250.00	\$500.00	\$93.50	\$187.00	\$110.50	\$221.00	\$100.00	\$200.00	\$130.00	\$260.00
1049	TEMPORARY BARRIER RAIL, CONCRETE	75 LF	\$30.00	\$2,250.00	\$33.00	\$2,475.00	\$39.00	\$2,925.00	\$35.00	\$2,625.00	\$65.00	\$4,875.00
1050	TRAFFIC CONTROL	1 LS	\$10,500.00	\$10,500.00	\$5,808.00	\$5,808.00	\$6,864.00	\$6,864.00	\$12,000.00	\$12,000.00	\$5,000.00	\$5,000.00
1051	MOBILIZATION	1 LS	\$74,687.00	\$74,687.00	\$60,000.00	\$60,000.00	\$110,500.00	\$110,500.00	\$250,000.00	\$250,000.00	\$90,500.00	\$90,500.00

*LS*

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT
1052	SETTLEMENT PLATES	4	EA	\$2,000.00	\$8,000.00	\$1,050.00	\$4,200.00	\$3,250.00	\$13,000.00	\$2,500.00	\$10,000.00	\$1,600.00	\$6,400.00	\$6,400.00
1053	TREE PROTECTION FENCE	800	LF	\$4.00	\$3,200.00	\$3.15	\$2,520.00	\$2.93	\$2,344.00	\$2.00	\$1,600.00	\$4.00	\$3,200.00	\$3,200.00
1054	STORM WATER POLLUTION PROTECTION PLAN	1	LS	\$5,000.00	\$5,000.00	\$7,350.00	\$7,350.00	\$7,150.00	\$7,150.00	\$9,000.00	\$9,000.00	\$4,000.00	\$4,000.00	\$4,000.00
1055	TEMPORARY HMA W/ INCIDENTAL CURB	90	TON	\$60.00	\$5,400.00	\$115.50	\$10,395.00	\$143.00	\$12,870.00	\$120.00	\$10,800.00	\$115.00	\$10,350.00	\$10,350.00
1056	MULCHING, BONDED FIBER MATRIX	1.7	AC	\$3,000.00	\$5,100.00	\$2,575.00	\$4,377.50	\$3,640.00	\$6,188.00	\$2,750.00	\$4,675.00	\$3,150.00	\$5,355.00	\$5,355.00
1057	SEEDING AND FERTILIZING (URBAN)	135	SQ	\$15.00	\$2,025.00	\$13.65	\$1,842.75	\$11.70	\$1,579.50	\$14.50	\$1,957.50	\$12.00	\$1,620.00	\$1,620.00
1058	SLOPE PROTECTION, WOOD EXCELSIOR MAT	77	SQ	\$55.00	\$4,235.00	\$63.00	\$4,851.00	\$78.00	\$6,006.00	\$66.00	\$5,082.00	\$100.00	\$7,700.00	\$7,700.00
1059	SODDING	1.7	AC	\$1,100.00	\$1,870.00	\$695.00	\$1,521.50	\$2,600.00	\$4,420.00	\$1,000.00	\$1,700.00	\$630.00	\$1,071.00	\$1,071.00
1060	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	69	SQ	\$125.00	\$8,625.00	\$115.00	\$7,935.00	\$84.50	\$5,830.50	\$115.00	\$7,935.00	\$15.00	\$1,035.00	\$1,035.00
1061	TURF REINFORCEMENT MAT, TYPE 3	2000	LF	\$1.50	\$3,000.00	\$1.70	\$3,400.00	\$2.60	\$5,200.00	\$1.80	\$3,600.00	\$1.50	\$3,000.00	\$3,000.00
1062	SILT FENCE	2000	LF	\$0.50	\$1,000.00	\$0.25	\$500.00	\$0.65	\$1,300.00	\$0.30	\$600.00	\$1.00	\$2,000.00	\$2,000.00
1063	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	1000	LF	\$1.00	\$1,000.00	\$0.05	\$50.00	\$0.65	\$650.00	\$0.10	\$100.00	\$1.00	\$1,000.00	\$1,000.00
1064	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	500	LF	\$1.50	\$750.00	\$1.75	\$875.00	\$2.60	\$1,300.00	\$1.80	\$900.00	\$4.00	\$2,000.00	\$2,000.00
1065	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	6	EA	\$500.00	\$3,000.00	\$525.00	\$3,150.00	\$650.00	\$3,900.00	\$600.00	\$3,600.00	\$400.00	\$2,400.00	\$2,400.00
1066	REMOVAL OF PERIMETER AND SLOPE SEDIMENT DEVICE	1	EA	\$1,000.00	\$1,000.00	\$1,050.00	\$1,050.00	\$1,300.00	\$1,300.00	\$1,100.00	\$1,100.00	\$800.00	\$800.00	\$800.00
1067	MOBILIZATIONS, EROSION CONTROL													
1068	MOBILIZATIONS, EMERGENCY EROSION CONTROL													
<b>DIVISION 1 SUBTOTAL:</b>					<b>\$1,247,000.00</b>		<b>\$1,361,288.75</b>		<b>\$1,534,894.03</b>		<b>\$1,506,591.35</b>		<b>\$1,457,960.10</b>	
<b>DIVISION 2 (E. MCKINLEY AVENUE WIDENING)</b>														
2001	CLEARING & GRUBBING	845.9	UNIT	\$100.00	\$84,590.00	\$80.50	\$51,176.95	\$117.00	\$98,970.30	\$50.00	\$42,295.00	\$90.00	\$76,131.00	\$76,131.00
2002	SPECIAL BACKFILL	60	TON	\$45.00	\$2,700.00	\$79.00	\$4,740.00	\$97.50	\$5,850.00	\$100.00	\$6,000.00	\$80.00	\$4,800.00	\$4,800.00
2003	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	1345	CY	\$35.00	\$47,075.00	\$20.00	\$26,900.00	\$15.60	\$20,982.00	\$13.20	\$17,764.00	\$22.00	\$29,590.00	\$29,590.00
2004	EXCAVATION, CLASS 10 ROADWAY AND BORROW	2850	CY	\$30.00	\$85,500.00	\$21.50	\$61,275.00	\$10.40	\$29,840.00	\$9.00	\$25,650.00	\$9.00	\$25,650.00	\$25,650.00
2005	EXCAVATION, CLASS 13, WASTE	740	CY	\$35.00	\$25,900.00	\$25.00	\$18,500.00	\$15.60	\$11,544.00	\$13.20	\$9,768.00	\$38.00	\$28,120.00	\$28,120.00
2006	EXCAVATION, CLASS 13, CHANNEL	670	CY	\$35.00	\$23,450.00	\$25.00	\$16,750.00	\$10.40	\$6,968.00	\$9.00	\$6,030.00	\$21.00	\$14,070.00	\$14,070.00
2007	TOPSOIL, FURNISH + SPREAD	1325	CY	\$30.00	\$39,750.00	\$30.00	\$39,750.00	\$19.50	\$25,837.50	\$16.50	\$21,862.50	\$35.00	\$46,375.00	\$46,375.00
2008	COMPACTION WITH MOISTURE AND DENSITY CONTROL	960	CY	\$5.00	\$4,800.00	\$9.25	\$8,880.00	\$3.90	\$3,744.00	\$3.30	\$3,168.00	\$5.00	\$4,800.00	\$4,800.00
2009	SPECIAL COMPACTION OF SUBGRADE	23	STA	\$1,000.00	\$23,000.00	\$1,885.00	\$43,355.00	\$2,340.00	\$53,820.00	\$2,000.00	\$46,000.00	\$1,800.00	\$43,700.00	\$43,700.00
2010	GRANULAR MATERIAL	836	TON	\$40.00	\$33,440.00	\$55.00	\$45,980.00	\$32.50	\$27,170.00	\$45.00	\$37,820.00	\$40.00	\$33,440.00	\$33,440.00
2011	SUBGRADE STABILIZATION MATERIAL, 10% FLY ASH, 12 IN DEPTH	2500	SY	\$6.00	\$15,000.00	\$12.00	\$30,000.00	\$14.30	\$35,750.00	\$12.00	\$30,000.00	\$8.00	\$20,000.00	\$20,000.00
2012	SUBGRADE STABILIZATION MATERIAL, POLYMER GRID	10775	SY	\$3.00	\$32,325.00	\$3.50	\$37,712.50	\$3.25	\$35,018.75	\$2.75	\$29,631.25	\$3.00	\$32,325.00	\$32,325.00
2013	MODIFIED SUBBASE	2333	CY	\$40.00	\$93,320.00	\$57.00	\$132,981.00	\$68.90	\$160,743.70	\$58.50	\$136,480.50	\$60.00	\$139,980.00	\$139,980.00
2014	SHOULDER FINISHING, EARTH	54.5	STA	\$550.00	\$29,975.00	\$460.00	\$25,070.00	\$292.50	\$15,941.25	\$275.00	\$14,967.50	\$570.00	\$31,065.00	\$31,065.00
2015	PATCHES, FULL-DEPTH REPAIR	181	SY	\$120.00	\$21,720.00	\$137.50	\$24,887.50	\$162.50	\$29,412.50	\$175.00	\$31,675.00	\$150.00	\$22,500.00	\$22,500.00
2016	RELOCATION OF MAIL BOXES	38	EACH	\$200.00	\$7,600.00	\$330.00	\$12,540.00	\$65.00	\$2,470.00	\$320.00	\$12,160.00	\$350.00	\$13,300.00	\$13,300.00
2017	STD OR SLP FRM PCC PAVEMENT, CLASS C, CLASS 3 DURABILITY, 7 IN	693	SY	\$85.00	\$58,905.00	\$84.00	\$58,212.00	\$78.00	\$54,054.00	\$80.00	\$55,440.00	\$110.00	\$76,230.00	\$76,230.00
2018	HMA STD TR, BASE COURSE, 3/4 IN. MIX	2160	TON	\$85.00	\$183,600.00	\$61.50	\$132,840.00	\$75.40	\$162,864.00	\$65.00	\$140,400.00	\$60.00	\$129,600.00	\$129,600.00
2019	HMA STD TR, INTERMEDIATE COURSE, 3/4 IN. MIX	1613	TON	\$85.00	\$137,105.00	\$60.65	\$97,828.45	\$75.40	\$121,620.20	\$63.00	\$101,819.00	\$60.00	\$96,780.00	\$96,780.00
2020	HMA HIGH TR, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION R	615	TON	\$100.00	\$61,500.00	\$80.50	\$66,607.50	\$98.80	\$80,522.00	\$82.50	\$67,237.50	\$80.00	\$65,200.00	\$65,200.00
2021	ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC	133	TON	\$500.00	\$66,500.00	\$367.50	\$48,877.50	\$455.00	\$60,515.00	\$385.00	\$51,205.00	\$350.00	\$46,550.00	\$46,550.00
2022	ASPHALT BINDER, PG 58-28H, HIGH TRAFFIC	154	TON	\$500.00	\$77,000.00	\$441.00	\$67,914.00	\$546.00	\$84,084.00	\$480.00	\$70,840.00	\$450.00	\$66,300.00	\$66,300.00
2023	HOT MIX ASPHALT PAVEMENT SAMPLES	1	LS	\$8,000.00	\$8,000.00	\$3,412.50	\$3,412.50	\$4,225.00	\$4,225.00	\$3,600.00	\$3,600.00	\$3,400.00	\$3,400.00	\$3,400.00
2024	TEMPORARY PAVEMENT	283	SY	\$100.00	\$28,300.00	\$50.40	\$14,263.20	\$62.40	\$17,659.20	\$53.00	\$14,999.00	\$50.00	\$14,150.00	\$14,150.00
2025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	174	TON	\$45.00	\$7,830.00	\$50.00	\$8,700.00	\$39.00	\$6,786.00	\$50.00	\$8,700.00	\$25.00	\$4,350.00	\$4,350.00
2026	REMOVAL OF EXISTING STRUCTURES	1	LS	\$16,000.00	\$16,000.00	\$19,800.00	\$19,800.00	\$19,500.00	\$19,500.00	\$20,000.00	\$20,000.00	\$28,000.00	\$28,000.00	\$28,000.00
2027	GRANULAR BACKFILL	565	TON	\$46.00	\$25,930.00	\$27.00	\$15,255.00	\$39.00	\$22,035.00	\$50.00	\$28,250.00	\$34.00	\$19,210.00	\$19,210.00
2028	FLOODED BACKFILL	168	CY	\$55.00	\$9,240.00	\$105.00	\$17,640.00	\$52.00	\$8,736.00	\$75.00	\$12,600.00	\$46.00	\$7,728.00	\$7,728.00
2029	STRUCTURAL CONCRETE (RCB)	61.8	CY	\$800.00	\$49,440.00	\$1,235.00	\$76,323.00	\$1,170.00	\$72,306.00	\$1,200.00	\$74,160.00	\$1,354.00	\$83,677.20	\$83,677.20
2030	REINFORCING STEEL	9870	LB	\$1.50	\$14,805.00	\$2.10	\$20,727.00	\$1.30	\$12,831.00	\$3.00	\$29,610.00	\$2.94	\$29,017.80	\$29,017.80
2031	APRONS, CONCRETE, 15 IN. DIA.	1	EACH	\$750.00	\$750.00	\$3,000.00	\$3,000.00	\$2,600.00	\$2,600.00	\$2,200.00	\$2,200.00	\$1,900.00	\$1,900.00	\$1,900.00
2032	TEMPORARY STREAM DIVERSION	1	EACH	\$6,500.00	\$6,500.00	\$6,825.00	\$6,825.00	\$13,000.00	\$13,000.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$5,000.00
2033	SEGMENTAL BLOCK RETAINING WALL	1275	SF	\$50.00	\$63,750.00	\$53.50	\$68,212.50	\$45.50	\$58,012.50	\$60.00	\$76,500.00	\$75.00	\$95,625.00	\$95,625.00
2034	MANHOLE, STORM SEWER, SW-401, 48 IN.	3	EACH	\$4,500.00	\$13,500.00	\$4,450.00	\$13,350.00	\$3,900.00	\$11,700.00	\$4,950.00	\$14,850.00	\$3,800.00	\$11,400.00	\$11,400.00
2035	MANHOLE, STORM SEWER, SW-401, 60 IN.	3	EACH	\$5,000.00	\$15,000.00	\$7,500.00	\$22,500.00	\$8,970.00	\$26,910.00	\$9,020.00	\$27,060.00	\$6,300.00	\$18,900.00	\$18,900.00
2036	INTAKE, SW-501	7	EACH	\$2,500.00	\$17,500.00	\$3,325.00	\$23,275.00	\$3,900.00	\$27,300.00	\$4,180.00	\$29,260.00	\$6,400.00	\$44,800.00	\$44,800.00
2037	INTAKE, SW-503	2	EACH	\$4,000.00	\$8,000.00	\$5,500.00	\$11,000.00	\$6,780.00	\$13,520.00	\$6,500.00	\$13,000.00	\$10,000.00	\$20,000.00	\$20,000.00
2038	INTAKE, SW-505	8	EACH	\$5,000.00	\$40,000.00	\$5,300.00	\$42,400.00	\$5,850.00	\$46,800.00	\$6,900.00	\$55,200.00	\$9,800.00	\$78,400.00	\$78,400.00
2039	INTAKE, SW-506	3	EACH	\$7,500.00	\$22,500.00	\$10,000.00	\$30,000.00	\$9,750.00	\$29,250.00	\$8,800.00	\$26,400.00	\$14,000.00	\$42,000.00	\$42,000.00
2040	INTAKE, SW-507	4	EACH	\$6,500.00	\$26,000.00	\$6,725.00	\$26,900.00	\$7,800.00	\$31,200.00	\$8,600.00	\$34,400.00	\$9,400.00	\$37,600.00	\$37,600.00
2041	INTAKE, SW-508 MODIFIED	3	EACH	\$7,500.00	\$22,500.00	\$9,175.00	\$27,525.00	\$10,400.00	\$31,200.00	\$10,500.00	\$31,500.00	\$5,700.00	\$17,100.00	\$17,100.00
2042	INTAKE, SW-509	1	EACH	\$7,500.00	\$7,500.00	\$11,000.00	\$11,000.00	\$11,700.00	\$11,700.00	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00	\$12,000.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
2043	INTAKE, SW-511	4 EACH	\$4,000.00	\$16,000.00	\$2,800.00	\$11,200.00	\$4,550.00	\$18,200.00	\$4,200.00	\$16,800.00	\$6,800.00	\$27,200.00
2044	INTAKE, SW-512, 24 IN.	3 EACH	\$3,000.00	\$9,000.00	\$2,100.00	\$6,300.00	\$1,950.00	\$5,850.00	\$2,100.00	\$6,300.00	\$1,900.00	\$5,700.00
2045	MANHOLE ADJUSTMENT, MINOR	10 EACH	\$1,500.00	\$15,000.00	\$1,500.00	\$15,000.00	\$1,690.00	\$16,900.00	\$1,320.00	\$13,200.00	\$1,600.00	\$16,000.00
2046	MANHOLE ADJUSTMENT, MAJOR	6 EACH	\$3,000.00	\$18,000.00	\$3,850.00	\$23,100.00	\$2,860.00	\$17,160.00	\$3,080.00	\$18,480.00	\$7,700.00	\$46,200.00
2047	INTAKE ADJUSTMENT, MAJOR	1 EACH	\$3,000.00	\$3,000.00	\$3,775.00	\$3,775.00	\$1,560.00	\$1,560.00	\$3,080.00	\$3,080.00	\$4,600.00	\$4,600.00
2048	CONNECTION TO EXISTING MANHOLE	1 EACH	\$1,500.00	\$1,500.00	\$3,900.00	\$3,900.00	\$2,600.00	\$2,600.00	\$1,320.00	\$1,320.00	\$2,400.00	\$2,400.00
2049	SUBDRAIN, PVC, STANDARD, PERFORATED, 6 IN.	4338 LF	\$25.00	\$108,450.00	\$19.50	\$84,591.00	\$24.70	\$107,148.60	\$20.00	\$86,760.00	\$21.00	\$91,098.00
2050	SUBDRAIN OUTLET, DR-303	33 EACH	\$400.00	\$13,200.00	\$525.00	\$17,325.00	\$325.00	\$10,725.00	\$350.00	\$11,550.00	\$420.00	\$13,860.00
2051	STORM SEWER GRAVITY MAIN, TRENCHED, PVC, 8 IN.	27 LF	\$60.00	\$1,620.00	\$140.00	\$3,780.00	\$83.20	\$2,246.40	\$82.50	\$2,227.50	\$150.00	\$4,050.00
2052	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLASS III), 12	20 LF	\$60.00	\$1,200.00	\$140.00	\$2,800.00	\$101.40	\$2,028.00	\$100.00	\$2,000.00	\$82.00	\$1,240.00
2053	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLASS III), 15	818 LF	\$85.00	\$69,530.00	\$160.00	\$130,880.00	\$106.60	\$87,198.80	\$105.00	\$85,890.00	\$84.00	\$68,712.00
2054	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLASS III), 18	288 LF	\$100.00	\$28,800.00	\$126.00	\$36,288.00	\$107.90	\$31,075.20	\$108.00	\$31,104.00	\$90.00	\$25,920.00
2055	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLASS III), 24	400 LF	\$110.00	\$44,000.00	\$142.00	\$56,800.00	\$130.00	\$52,000.00	\$137.50	\$55,000.00	\$96.00	\$38,400.00
2056	STORM SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLASS III), 30	526 LF	\$185.00	\$97,125.00	\$160.00	\$84,000.00	\$154.70	\$81,217.50	\$148.50	\$77,962.50	\$125.00	\$65,625.00
2057	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	1172 LF	\$25.00	\$29,300.00	\$45.00	\$52,740.00	\$19.50	\$22,854.00	\$27.50	\$32,230.00	\$35.00	\$41,020.00
2058	SANITARY SEWER GRAVITY MAIN, TRENCHED, RCP, 2000D (CLASS III),	16 LF	\$150.00	\$2,400.00	\$130.00	\$2,080.00	\$292.50	\$4,680.00	\$180.00	\$2,880.00	\$180.00	\$2,880.00
2059	REMOVAL OF STEEL BEAM GUARDRAIL	125 LF	\$10.00	\$1,250.00	\$38.50	\$4,812.50	\$19.50	\$2,437.50	\$10.00	\$1,250.00	\$36.00	\$4,500.00
2060	REMOVAL OF CABLE GUARDRAIL	49 LF	\$10.00	\$490.00	\$38.50	\$1,886.50	\$19.50	\$955.50	\$10.00	\$490.00	\$42.00	\$2,058.00
2061	STEEL BEAM GUARDRAIL TANGENT END TERMINAL, BA-205, MODIFIED	4 EACH	\$2,500.00	\$10,000.00	\$8,975.00	\$35,900.00	\$3,900.00	\$15,600.00	\$3,500.00	\$14,000.00	\$3,675.00	\$14,700.00
2062	ENGINEERING FABRIC	3440 SY	\$4.00	\$13,760.00	\$4.25	\$14,620.00	\$3.90	\$13,416.00	\$3.30	\$11,352.00	\$3.00	\$10,320.00
2063	REVTMENT, CLASS E	570 TON	\$150.00	\$85,500.00	\$68.00	\$38,760.00	\$71.50	\$40,755.00	\$60.00	\$34,200.00	\$58.00	\$33,060.00
2064	REMOVAL OF PAVEMENT	7290 SY	\$12.00	\$87,480.00	\$8.25	\$60,142.50	\$10.40	\$75,816.00	\$12.00	\$87,480.00	\$12.00	\$87,480.00
2065	REMOVAL OF INTAKES AND UTILITY ACCESSES	11 EACH	\$1,500.00	\$16,500.00	\$1,150.00	\$12,650.00	\$260.00	\$2,860.00	\$1,000.00	\$11,000.00	\$960.00	\$10,560.00
2066	REMOVAL OF SIDEWALK	522 SY	\$12.00	\$6,264.00	\$9.50	\$4,959.00	\$10.40	\$5,428.80	\$13.00	\$6,766.00	\$10.00	\$5,220.00
2067	SIDEWALK, P.C. CONCRETE, 5 IN.	1964 SY	\$40.00	\$78,560.00	\$45.50	\$89,362.00	\$65.00	\$127,680.00	\$45.00	\$88,380.00	\$40.00	\$78,560.00
2068	SIDEWALK, P.C. CONCRETE, 6 IN.	124 SY	\$60.00	\$7,440.00	\$81.00	\$7,564.00	\$71.50	\$8,868.00	\$70.00	\$8,680.00	\$55.00	\$6,820.00
2069	DETECTABLE WARNINGS	130 SF	\$50.00	\$6,500.00	\$44.00	\$5,720.00	\$45.50	\$5,915.00	\$50.00	\$6,500.00	\$65.00	\$8,450.00
2070	CURB AND GUTTER, P.C. CONCRETE, 2.0 FT.	50 LF	\$50.00	\$2,500.00	\$36.50	\$1,825.00	\$42.90	\$2,145.00	\$50.00	\$2,500.00	\$47.00	\$2,350.00
2071	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.	3994 LF	\$55.00	\$219,870.00	\$27.50	\$109,835.00	\$28.60	\$114,228.40	\$35.00	\$139,790.00	\$36.00	\$143,784.00
2072	DRIVEWAY, P.C. CONCRETE, 5 IN.	532 SY	\$50.00	\$26,600.00	\$55.25	\$29,393.00	\$65.00	\$34,580.00	\$60.00	\$31,920.00	\$46.00	\$24,472.00
2073	DRIVEWAY, P.C. CONCRETE, 6 IN.	1373 SY	\$60.00	\$82,380.00	\$63.75	\$87,528.75	\$71.50	\$98,169.50	\$70.00	\$96,110.00	\$73.00	\$100,229.00
2074	REMOVAL OF PAVED DRIVEWAY	1988 SY	\$12.00	\$23,856.00	\$7.75	\$15,407.00	\$10.40	\$20,675.20	\$11.00	\$21,868.00	\$10.00	\$19,880.00
2075	SAFETY CLOSURE	13 EACH	\$750.00	\$9,750.00	\$110.00	\$1,430.00	\$130.00	\$1,690.00	\$125.00	\$1,625.00	\$200.00	\$2,600.00
2076	FENCE, CHAIN LINK, VINYL COATED, 42 IN. HEIGHT	176 LF	\$60.00	\$10,560.00	\$38.00	\$6,688.00	\$44.20	\$7,779.20	\$38.00	\$6,688.00	\$36.00	\$6,336.00
2077	GATE, AS PER PLAN	2 EACH	\$2,500.00	\$5,000.00	\$2,100.00	\$4,200.00	\$2,470.00	\$4,940.00	\$2,200.00	\$4,400.00	\$2,000.00	\$4,000.00
2078	OBJECT MARKER, TYPE 1	3 EACH	\$200.00	\$600.00	\$110.00	\$330.00	\$130.00	\$390.00	\$120.00	\$360.00	\$175.00	\$525.00
2079	PERFORATED SQUARE STEEL TUBE POSTS	18 LF	\$35.00	\$630.00	\$22.00	\$396.00	\$26.00	\$468.00	\$22.00	\$396.00	\$200.00	\$3,600.00
2080	TRAFFIC SIGNALIZATION	1 LS	\$55,000.00	\$55,000.00	\$46,105.00	\$46,105.00	\$54,600.00	\$54,600.00	\$46,500.00	\$46,500.00	\$44,000.00	\$44,000.00
2081	REMOVAL OF TRAFFIC SIGNALIZATION	1 LS	\$8,000.00	\$8,000.00	\$4,950.00	\$4,950.00	\$5,850.00	\$5,850.00	\$5,000.00	\$5,000.00	\$4,700.00	\$4,700.00
2082	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	18.9 STA	\$200.00	\$3,780.00	\$71.50	\$1,351.35	\$84.50	\$1,597.05	\$72.00	\$1,360.80	\$130.00	\$2,457.00
2083	PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MAT	46.5 STA	\$500.00	\$23,250.00	\$803.00	\$37,339.50	\$949.00	\$44,128.50	\$815.00	\$37,897.50	\$500.00	\$23,250.00
2084	PRE-CUT SYMBOLS AND LEGENDS, PREFORMED POLYMER MARKING I	8 EACH	\$300.00	\$2,400.00	\$440.00	\$3,520.00	\$520.00	\$4,160.00	\$440.00	\$3,520.00	\$500.00	\$4,000.00
2085	TEMPORARY BARRIER RAIL, CONCRETE	32 LF	\$50.00	\$1,600.00	\$33.00	\$1,056.00	\$39.00	\$1,248.00	\$35.00	\$1,120.00	\$100.00	\$3,200.00
2086	TRAFFIC CONTROL	1 LS	\$30,000.00	\$30,000.00	\$30,360.00	\$30,360.00	\$35,880.00	\$35,880.00	\$40,000.00	\$40,000.00	\$36,000.00	\$36,000.00
2087	FLAGGER	30 EACH	\$450.00	\$13,500.00	\$450.00	\$13,500.00	\$450.00	\$13,500.00	\$450.00	\$13,500.00	\$450.00	\$13,500.00
2088	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	35 CDAY	\$200.00	\$7,000.00	\$88.00	\$3,080.00	\$104.00	\$3,640.00	\$110.00	\$3,850.00	\$90.00	\$3,150.00
2089	MOBILIZATION	1 LS	\$207,180.00	\$207,180.00	\$293,285.00	\$293,285.00	\$106,340.00	\$106,340.00	\$450,000.00	\$450,000.00	\$426,142.58	\$426,142.58
2090	CONNECTION TO EXISTING RCB	2 EACH	\$1,000.00	\$2,000.00	\$8,140.00	\$16,280.00	\$3,250.00	\$6,500.00	\$3,000.00	\$6,000.00	\$2,400.00	\$4,800.00
2091	TEMPORARY INLET AND MANHOLE PROTECTION, INSTALL AND REMO	80 EACH	\$100.00	\$8,000.00	\$168.00	\$13,440.00	\$260.00	\$20,800.00	\$100.00	\$8,000.00	\$170.00	\$13,600.00
2092	TREE TRUNK PROTECTION	12 EACH	\$500.00	\$6,000.00	\$184.00	\$2,208.00	\$130.00	\$1,560.00	\$300.00	\$3,600.00	\$525.00	\$6,300.00
2093	TREE PROTECTION FENCE	1570 LF	\$4.00	\$6,280.00	\$3.15	\$4,945.50	\$2.93	\$4,600.10	\$2.00	\$3,140.00	\$4.00	\$6,280.00
2094	REMOVE WATER MAIN	500 LF	\$10.00	\$5,000.00	\$40.00	\$20,000.00	\$26.00	\$13,000.00	\$10.00	\$5,000.00	\$52.00	\$26,000.00
2095	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	1 LS	\$8,000.00	\$8,000.00	\$5,250.00	\$5,250.00	\$7,150.00	\$7,150.00	\$12,250.00	\$12,250.00	\$3,600.00	\$3,600.00
2096	MAINTENANCE OF SOLID WASTE COLLECTION	1 LS	\$5,000.00	\$5,000.00	\$34,150.00	\$34,150.00	\$6,500.00	\$6,500.00	\$7,500.00	\$7,500.00	\$16,000.00	\$16,000.00
2097	REMOVAL OF RAISED ROADWAY MEDIAN	117 SY	\$20.00	\$2,340.00	\$20.00	\$2,340.00	\$26.00	\$3,042.00	\$25.00	\$2,925.00	\$35.00	\$4,095.00
2098	MULCHING, BONDED FIBER MATRIX	4.5 ACRE	\$4,000.00	\$18,000.00	\$2,573.00	\$11,578.50	\$3,640.00	\$16,380.00	\$2,750.00	\$12,375.00	\$3,150.00	\$14,175.00
2099	SEEDING AND FERTILIZING (URBAN)	1.6 ACRE	\$4,000.00	\$6,400.00	\$1,190.00	\$1,904.00	\$2,600.00	\$4,160.00	\$1,300.00	\$2,080.00	\$1,100.00	\$1,760.00
2100	SLOPE PROTECTION, WOOD EXCELSIOR MAT	175 SQ	\$75.00	\$13,125.00	\$13.65	\$2,388.75	\$11.70	\$2,047.50	\$14.50	\$2,537.50	\$12.00	\$2,100.00
2101	SODDING	415 SQ	\$65.00	\$26,975.00	\$63.00	\$26,145.00	\$78.00	\$32,370.00	\$68.00	\$27,990.00	\$90.00	\$37,350.00
2102	SILT FENCE	1940 LF	\$6.00	\$11,640.00	\$1.70	\$3,298.00	\$2.60	\$5,044.00	\$1.80	\$3,492.00	\$2.00	\$3,880.00
2103	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	1940 LF	\$2.00	\$3,880.00	\$0.25	\$485.00	\$0.65	\$1,261.00	\$0.30	\$582.00	\$1.00	\$1,940.00
2104	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	1940 LF	\$4.00	\$7,760.00	\$0.05	\$97.00	\$0.65	\$1,261.00	\$0.10	\$194.00	\$1.00	\$1,940.00

ITEM	DESCRIPTION	UNIT			UNIT			UNIT			UNIT		
		QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	
2105	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 8 IN. DIA.	5120 LF	\$6.00	\$30,720.00	\$1.70	\$6,704.00	\$2.80	\$13,312.00	\$1.80	\$9,216.00	\$3.00	\$15,360.00	
2106	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	5120 LF	\$2.00	\$10,240.00	\$0.25	\$1,280.00	\$0.65	\$3,328.00	\$0.30	\$1,536.00	\$1.00	\$5,120.00	
2107	MOBILIZATIONS, EROSION CONTROL	12 EACH	\$500.00	\$6,000.00	\$525.00	\$6,300.00	\$1,300.00	\$15,600.00	\$600.00	\$7,200.00	\$400.00	\$4,800.00	
DIVISION 2 SUBTOTAL:				\$3,245,920.00		\$3,163,334.45		\$3,071,869.65		\$3,218,037.05		\$3,431,322.58	
<b>DIVISION 3 (WATER MAIN)</b>													
3001	8 IN. C900 PVC WATER MAIN	69 LF	\$80.00	\$5,520.00	\$205.00	\$14,145.00	\$149.50	\$10,315.50	\$95.00	\$6,555.00	\$82.00	\$5,658.00	
3002	12 IN. C900 PVC WATER MAIN	1636 LF	\$90.00	\$147,240.00	\$100.00	\$163,600.00	\$118.30	\$193,538.80	\$100.00	\$163,600.00	\$70.00	\$114,520.00	
3003	8 IN. BEND	4 EACH	\$1,000.00	\$4,000.00	\$625.00	\$2,500.00	\$585.00	\$2,340.00	\$700.00	\$2,800.00	\$480.00	\$1,920.00	
3004	12 IN. BEND	5 EACH	\$1,500.00	\$7,500.00	\$950.00	\$4,750.00	\$1,040.00	\$5,200.00	\$900.00	\$4,500.00	\$580.00	\$2,900.00	
3005	8 IN. X 6 IN. REDUCER	1 EACH	\$700.00	\$700.00	\$450.00	\$450.00	\$520.00	\$520.00	\$385.00	\$385.00	\$320.00	\$320.00	
3006	12 IN. X 8 IN. REDUCER	1 EACH	\$800.00	\$800.00	\$700.00	\$700.00	\$910.00	\$910.00	\$475.00	\$475.00	\$400.00	\$400.00	
3007	8 IN. SOLID SLEEVE	1 EACH	\$500.00	\$500.00	\$500.00	\$500.00	\$650.00	\$650.00	\$580.00	\$580.00	\$2,100.00	\$2,100.00	
3008	12 IN. SOLID SLEEVE	1 EACH	\$700.00	\$700.00	\$775.00	\$775.00	\$1,040.00	\$1,040.00	\$625.00	\$625.00	\$2,300.00	\$2,300.00	
3009	8 IN. CAP	4 EACH	\$2,000.00	\$8,000.00	\$550.00	\$2,200.00	\$390.00	\$1,560.00	\$450.00	\$1,800.00	\$1,600.00	\$6,400.00	
3010	12 IN. CAP	1 EACH	\$2,500.00	\$2,500.00	\$850.00	\$850.00	\$650.00	\$650.00	\$550.00	\$550.00	\$780.00	\$780.00	
3011	8 IN. X 8 IN. TEE	1 EACH	\$1,600.00	\$1,600.00	\$725.00	\$725.00	\$1,040.00	\$1,040.00	\$800.00	\$800.00	\$570.00	\$570.00	
3012	12 IN. X 8 IN. TEE	2 EACH	\$1,800.00	\$3,600.00	\$1,025.00	\$2,050.00	\$1,300.00	\$2,600.00	\$1,025.00	\$2,050.00	\$940.00	\$1,880.00	
3013	8 IN. GATE VALVE	1 EACH	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$2,600.00	\$2,600.00	\$1,600.00	\$1,600.00	\$1,500.00	\$1,500.00	
3014	12 IN. GATE VALVE	4 EACH	\$4,000.00	\$16,000.00	\$2,500.00	\$10,000.00	\$3,900.00	\$15,600.00	\$2,500.00	\$10,000.00	\$2,400.00	\$9,600.00	
3015	HYDRANT ASSEMBLY	5 EACH	\$6,000.00	\$30,000.00	\$4,825.00	\$24,125.00	\$6,760.00	\$33,800.00	\$5,500.00	\$27,500.00	\$4,400.00	\$22,000.00	
3016	PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE	2 EACH	\$4,000.00	\$8,000.00	\$6,100.00	\$12,200.00	\$3,250.00	\$6,500.00	\$2,750.00	\$5,500.00	\$3,500.00	\$7,000.00	
3017	REMOVE EXISTING TEE/TAPPING SLEEVE	1 EACH	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00	\$3,250.00	\$3,250.00	\$3,300.00	\$3,300.00	\$5,900.00	\$5,900.00	
3018	NEW 1 IN. WATER SERVICE, OPPOSITE SIDE	15 EACH	\$3,600.00	\$52,500.00	\$3,500.00	\$52,500.00	\$2,080.00	\$31,200.00	\$3,850.00	\$57,750.00	\$9,800.00	\$147,000.00	
3019	NEW 1 IN. WATER SERVICE, SAME SIDE	14 EACH	\$2,000.00	\$28,000.00	\$2,850.00	\$39,900.00	\$1,170.00	\$16,380.00	\$2,750.00	\$38,500.00	\$4,300.00	\$60,200.00	
3020	NEW 2 IN. WATER SERVICE, OPPOSITE SIDE	1 EACH	\$4,000.00	\$4,000.00	\$14,923.00	\$14,923.00	\$4,550.00	\$4,550.00	\$5,300.00	\$5,300.00	\$14,000.00	\$14,000.00	
3021	TEMPORARY GRANULAR SURFACING	84 TON	\$30.00	\$1,920.00	\$75.00	\$4,800.00	\$45.50	\$2,912.00	\$60.00	\$3,840.00	\$30.00	\$1,920.00	
3022	FOUNDATION ROCK	50 TON	\$30.00	\$1,500.00	\$30.00	\$1,500.00	\$45.50	\$2,275.00	\$42.00	\$2,100.00	\$36.00	\$1,800.00	
DIVISION 3 SUBTOTAL:				\$332,080.00		\$361,198.00		\$339,431.30		\$340,110.00		\$410,668.00	
TOTAL CONSTRUCTION COST (DIVISION 1 + DIVISION 2 + DIVISION 3)				\$4,825,000.00		\$4,885,816.20		\$4,946,194.98		\$5,054,738.40		\$5,299,950.68	
PERCENT OF ENGINEER'S ESTIMATE						+1.26%		+2.51%		+4.97%		+9.84%	