



4800 Ashford Dunwoody Road
Dunwoody, Georgia 30338
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MEMORANDUM

To: Mayor and City Council

From: Michael Smith, Public Works Director

Date: May 7, 2018

Subject: **Approval of a Construction Contract for the Mount Vernon Road at Vermack Road Intersection Improvement Project**

ITEM DESCRIPTION

Approval of a construction contract with CMES, Inc. in the amount of \$1,684,417.40 for the Mount Vernon Road at Vermack Road intersection and water main improvements.

BACKGROUND

In June the city advertised for bids to construct improvements at the intersection of Mount Vernon Road, Vermack Road and Manhasset Drive including replacement of the DeKalb County water main within the footprint of the project. A total of 7 bids were received with CMES, Inc. submitting the lowest bid of \$1,684,417.40. This total includes \$400,600 for county water main improvements which is expected to be presented to the DeKalb Board of Commissioners for funding approval in June. A tabulation of the bids is included on the following pages.

The recommended funding allocation, including a 10% construction contingency, construction management and inspection services, is \$1,975,000 with \$400,600 to be reimbursed by DeKalb County. The city's current project fund balance with DeKalb's contribution is \$1,625,000. There is a large surplus of funding remaining in the Chamblee Dunwoody Road Bicycle and Pedestrian Improvement project which could be drawn from to provide the additional \$350,000 necessary to provide full funding for this project. Nearly half of the additional funding needed is for the 10% contingency and on many previous public works projects the city has been able to return unused contingency funds for use on other projects.

Utility companies are currently working to relocate their facilities out of the project area. Construction can begin once the utility relocation is complete and the county has approved the funding for the water main replacement.

RECOMMENDED ACTION

Staff recommends award of a contract to CMES, Inc. in the amount of \$1,684,417 and reallocation of up to \$350,000 in surplus from the completed Chamblee Dunwoody Road Bicycle and Pedestrian project to provide for full construction funding including a 10% contingency.

ROADWAY ITEMS				Internal Estimate		CMES Inc		GDP		Ohmshiv		A1 Contracting		Blount Const		Precision 2000		Site Engineering	
GDOT Pay Item	Description	UOM	QTY	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
150-1000	TRAFFIC CONTROL-MOUNT VERNON	LS	1	\$64,500.00	\$129,000.00	\$113,187.00	\$113,187.00	\$222,053.51	\$222,053.51	\$125,000.00	\$125,000.00	\$21,500.00	\$21,500.00	\$128,157.95	\$128,157.95	\$159,000.00	\$159,000.00	\$400,000.00	\$400,000.00
163-0232	TEMPORARY GRASSING	AC	1	\$1,000.00	\$1,000.00	\$200.00	\$200.00	\$747.50	\$747.50	\$500.00	\$500.00	\$850.00	\$850.00	\$1,019.70	\$1,019.70	\$1,072.00	\$1,072.00	\$1,500.00	\$1,500.00
163-0240	MULCH	TN	20	\$550.00	\$11,000.00	\$225.00	\$4,500.00	\$500.25	\$10,005.00	\$250.00	\$5,000.00	\$550.00	\$11,000.00	\$607.70	\$12,154.00	\$584.00	\$11,680.00	\$100.00	\$2,000.00
163-0300	CONSTRUCTION EXIT	EA	6	\$1,250.00	\$7,500.00	\$900.00	\$5,400.00	\$1,380.00	\$8,280.00	\$1,000.00	\$6,000.00	\$1,850.00	\$11,100.00	\$944.31	\$5,665.86	\$1,300.00	\$7,800.00	\$1,500.00	\$9,000.00
163-0528	CONSTRUCT AND REMOVE FABRIC CHECK DAM – TYPE C SILT FENCE	LF	30	\$5.00	\$150.00	\$26.00	\$780.00	\$15.53	\$465.90	\$3.00	\$90.00	\$15.00	\$450.00	\$27.40	\$822.00	\$26.00	\$780.00	\$10.00	\$300.00
163-0542	CONSTRUCT AND REMOVE STONE FILTER RING	EA	1	\$450.00	\$450.00	\$600.00	\$600.00	\$862.50	\$862.50	\$125.00	\$125.00	\$375.00	\$375.00	\$1,556.85	\$1,556.85	\$548.00	\$548.00	\$500.00	\$500.00
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	7	\$250.00	\$1,750.00	\$180.00	\$1,260.00	\$201.25	\$1,408.75	\$125.00	\$875.00	\$210.00	\$1,470.00	\$268.62	\$1,880.34	\$205.00	\$1,435.00	\$400.00	\$2,800.00
165-0010	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	LF	1,775	\$1.50	\$2,662.50	\$0.25	\$443.75	\$0.75	\$1,331.25	\$0.50	\$887.50	\$0.60	\$1,065.00	\$0.62	\$1,100.50	\$0.78	\$1,384.50	\$2.00	\$3,550.00
165-0041	MAINT. OF CHECK DAMS - ALL TYPES	LF	15	\$20.00	\$300.00	\$10.00	\$150.00	\$8.05	\$120.75	\$20.00	\$300.00	\$8.00	\$120.00	\$10.28	\$154.20	\$26.00	\$390.00	\$10.00	\$150.00
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	EA	6	\$675.00	\$4,050.00	\$250.00	\$1,500.00	\$115.00	\$690.00	\$250.00	\$1,500.00	\$75.00	\$450.00	\$778.38	\$4,670.28	\$426.00	\$2,556.00	\$500.00	\$3,000.00
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	7	\$175.00	\$1,225.00	\$40.00	\$280.00	\$86.25	\$603.75	\$20.00	\$140.00	\$95.00	\$665.00	\$61.03	\$427.21	\$77.00	\$539.00	\$100.00	\$700.00
165-0111	MAINTENANCE OF STONE FILTER RING	EA	1	\$250.00	\$250.00	\$300.00	\$300.00	\$143.75	\$143.75	\$20.00	\$20.00	\$95.00	\$95.00	\$410.70	\$410.70	\$256.00	\$256.00	\$200.00	\$200.00
167-1000	WATER QUALITY MON. AND SAMPLING	EA	2	\$700.00	\$1,400.00	\$150.00	\$300.00	\$115.00	\$230.00	\$300.00	\$600.00	\$115.00	\$230.00	\$412.00	\$824.00	\$256.00	\$512.00	\$800.00	\$1,600.00
167-1500	WATER QUALITY INSPECTIONS	MO	12	\$1,000.00	\$12,000.00	\$200.00	\$2,400.00	\$402.50	\$4,830.00	\$300.00	\$3,600.00	\$410.00	\$4,920.00	\$412.00	\$4,944.00	\$1,246.00	\$14,952.00	\$800.00	\$9,600.00
171-0010	TEMPORARY SILT FENCE, TYPE A	LF	3,550	\$1.25	\$4,437.50	\$2.50	\$8,875.00	\$1.32	\$4,686.00	\$1.70	\$6,035.00	\$1.80	\$6,390.00	\$1.24	\$4,402.00	\$2.15	\$7,632.50	\$3.00	\$10,650.00
205-0210	EXCAVATION ROCK-SPECIAL PROVISION	CY	100	\$75.00	\$7,500.00	\$60.00	\$6,000.00	\$86.25	\$8,625.00	\$75.00	\$7,500.00	\$75.00	\$7,500.00	\$107.73	\$10,773.00	\$245.00	\$24,500.00	\$150.00	\$15,000.00
206-0002	BORROW EXCAVATION INCL MATL	CY	100	\$22.50	\$2,250.00	\$25.00	\$2,500.00	\$33.35	\$3,335.00	\$15.00	\$1,500.00	\$18.00	\$1,800.00	\$45.37	\$4,537.00	\$124.00	\$12,400.00	\$80.00	\$8,000.00
207-0203	FOUND BKFILL MATL, TP 2	CY	20	\$69.00	\$1,380.00	\$40.00	\$800.00	\$14.38	\$287.60	\$40.00	\$800.00	\$18.00	\$360.00	\$84.52	\$1,690.40	\$142.00	\$2,840.00	\$80.00	\$1,600.00
210-0100	GRADING COMPLETE	LS	1	\$475,000.00	\$475,000.00	\$371,022.00	\$371,022.00	\$397,892.95	\$397,892.95	\$663,250.00	\$663,250.00	\$653,194.20	\$653,194.20	\$400,280.61	\$400,280.61	\$750,000.00	\$750,000.00	\$1,700,000.00	\$1,700,000.00
310-1101	GR AGGR BASE CRS, INCL MATL	TN	1,912	\$25.00	\$47,800.00	\$28.00	\$53,536.00	\$35.65	\$68,162.80	\$24.00	\$45,888.00	\$32.00	\$61,184.00	\$51.65	\$98,754.80	\$28.80	\$55,065.60	\$60.00	\$114,720.00
318-3000	AGGR SURF CRS	TN	150	\$25.00	\$3,750.00	\$25.00	\$3,750.00	\$35.65	\$5,347.50	\$23.00	\$3,450.00	\$32.00	\$4,800.00	\$97.99	\$14,698.50	\$29.30	\$4,395.00	\$60.00	\$9,000.00
402-1802	RECYCLED ASPH CONC PATCHING, INCL BITUM MATL & H LIME	TN	25	\$175.00	\$4,375.00	\$315.00	\$7,875.00	\$356.50	\$8,912.50	\$250.00	\$6,250.00	\$325.00	\$8,125.00	\$336.66	\$8,416.50	\$161.00	\$4,025.00	\$200.00	\$5,000.00
402-1812	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	TN	365	\$95.00	\$34,675.00	\$102.00	\$37,230.00	\$112.13	\$40,927.45	\$98.00	\$35,770.00	\$112.00	\$40,880.00	\$117.82	\$43,004.30	\$147.00	\$53,655.00	\$200.00	\$73,000.00
402-3121	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR GP 2, INCL BITUM & H LIME	TN	359	\$88.00	\$31,592.00	\$95.00	\$34,105.00	\$105.46	\$37,860.14	\$92.00	\$33,028.00	\$102.00	\$36,618.00	\$143.44	\$51,494.96	\$134.00	\$48,106.00	\$200.00	\$71,800.00

402-3130	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR GP 2 ONLY, INCL BITUM & H LIME	TN	703	\$92.50	\$65,027.50	\$102.00	\$71,706.00	\$112.13	\$78,827.39	\$98.00	\$68,894.00	\$102.00	\$71,706.00	\$128.68	\$90,462.04	\$148.00	\$104,044.00	\$200.00	\$140,600.00
402-3190	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR GP 2, INCL BITUM & H LIME	TN	197	\$91.00	\$17,927.00	\$104.00	\$20,488.00	\$113.39	\$22,337.83	\$98.75	\$19,453.75	\$112.00	\$22,064.00	\$171.82	\$33,848.54	\$138.00	\$27,186.00	\$200.00	\$39,400.00
413-0750	TACK COAT	GL	274	\$3.00	\$822.00	\$5.00	\$1,370.00	\$3.45	\$945.30	\$3.25	\$890.50	\$3.50	\$959.00	\$2.70	\$739.80	\$7.10	\$1,945.40	\$20.00	\$5,480.00
432-5010	MILL ASPH CONC PVMT, VARIABLE DEPTH	SY	500	\$7.50	\$3,750.00	\$12.00	\$6,000.00	\$13.34	\$6,670.00	\$10.00	\$5,000.00	\$13.00	\$6,500.00	\$23.97	\$11,985.00	\$23.20	\$11,600.00	\$30.00	\$15,000.00
441-0016	DRIVEWAY CONCRETE, 6 IN TK	SY	802	\$50.00	\$40,100.00	\$32.00	\$25,664.00	\$40.23	\$32,264.46	\$32.00	\$25,664.00	\$42.00	\$33,684.00	\$46.41	\$37,220.82	\$43.00	\$34,486.00	\$80.00	\$64,160.00
441-0104	CONC SIDEWALK, 4 IN	SY	1,961	\$45.00	\$88,245.00	\$24.00	\$47,064.00	\$32.16	\$63,065.76	\$25.00	\$49,025.00	\$35.00	\$68,635.00	\$33.69	\$66,066.09	\$34.00	\$66,674.00	\$75.00	\$147,075.00
441-0300	CONCRETE SIDEWALK, SPECIAL DESIGN	EA	3	\$2,000.00	\$6,000.00	\$2,600.00	\$7,800.00	\$3,604.40	\$10,813.20	\$2,200.00	\$6,600.00	\$850.00	\$2,550.00	\$3,089.35	\$9,268.05	\$3,133.00	\$9,399.00	\$4,000.00	\$12,000.00
441-0754	7.5" CONCRETE MEDIAN	SY	32	\$125.00	\$4,000.00	\$46.00	\$1,472.00	\$53.21	\$1,702.72	\$42.00	\$1,344.00	\$42.00	\$1,344.00	\$99.75	\$3,192.00	\$82.00	\$2,624.00	\$200.00	\$6,400.00
441-4020	CONC VALLEY GUTTER, 6 IN	SY	345	\$52.50	18,112.50	\$ 38.00	13,110.00	\$ 40.23	13,879.35	\$ 32.00	11,040.00	\$ 38.00	13,110.00	\$ 59.57	20,551.65	\$ 46.00	15,870.00	\$ 100.00	34,500.00
441-4030	CONC VALLEY GUTTER, 8 IN	SY	40	\$68.00	2,720.00	\$ 48.00	1,920.00	\$ 49.31	1,972.40	\$ 40.00	1,600.00	\$ 45.00	1,800.00	\$ 96.78	3,871.20	\$ 59.00	2,360.00	\$ 100.00	4,000.00
441-6216	CONC CURB & GUTTER, 8 IN X 24 IN, TP 2	LF	3,705	\$24.50	\$90,772.50	\$ 13.00	48,165.00	\$ 15.93	59,020.65	\$ 14.00	51,870.00	\$ 18.00	66,690.00	\$ 16.83	62,355.15	\$ 19.20	71,136.00	\$ 60.00	222,300.00
446-1100	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	LF	1,766	\$6.00	\$10,596.00	\$ 7.00	12,362.00	\$ 7.13	12,591.58	\$ 6.00	10,596.00	\$ 7.80	13,774.80	\$ 8.48	14,975.68	\$ 16.70	29,492.20	\$ 30.00	52,980.00
500-3201	CLASS B CONC, RETAINING WALL	CY	10	\$800.00	\$8,000.00	\$ 1,800.00	18,000.00	\$ 1,689.30	16,893.00	\$ 750.00	7,500.00	\$ 975.00	9,750.00	\$ 777.54	7,775.40	\$ 810.00	8,100.00	\$ 3,000.00	30,000.00
500-9999	CLASS B CONC, BASE OR PVMT WIDENING	CY	74	\$245.00	\$18,130.00	\$ 225.00	16,650.00	\$ 175.92	13,018.08	\$ 200.00	14,800.00	\$ 350.00	25,900.00	\$ 226.29	16,745.46	\$ 227.00	16,798.00	\$ 250.00	18,500.00
500-3800	CLASS A CONC, INCL REINF STEEL	CY	2	\$1,350.00	\$2,700.00	\$ 2,000.00	4,000.00	\$ 1,001.16	2,002.32	\$ 800.00	1,600.00	\$ 1,500.00	3,000.00	\$ 1,376.19	2,752.38	\$ 1,100.00	2,200.00	\$ 5,000.00	10,000.00
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	LF	653	\$65.00	\$42,445.00	\$ 47.00	30,691.00	\$ 40.35	26,348.55	\$ 32.00	20,896.00	\$ 45.00	29,385.00	\$ 111.48	72,796.44	\$ 47.00	30,691.00	\$ 100.00	65,300.00
550-2180	SIDE DRAIN PIPE, 18 IN, H 1-10	LF	26	\$65.00	\$1,690.00	\$ 39.00	1,014.00	\$ 40.36	1,049.36	\$ 32.00	832.00	\$ 45.00	1,170.00	\$ 133.39	3,468.14	\$ 38.00	988.00	\$ 100.00	2,600.00
550-3418	SAFETY END SECTION, 18 IN, SIDE DRAIN, 4:1 SLOPE	EA	2	\$525.00	\$1,050.00	\$ 1,400.00	2,800.00	\$ 1,263.93	2,527.86	\$ 600.00	1,200.00	\$ 2,500.00	5,000.00	\$ 1,415.78	2,831.56	\$ 725.00	1,450.00	\$ 1,000.00	2,000.00
573-2006	UNDDR PIPE INCL DRAINAGE AGGR, 6 IN	LF	150	\$22.50	\$3,375.00	\$ 8.00	1,200.00	\$ 29.33	4,399.50	\$ 8.00	1,200.00	\$ 9.00	1,350.00	\$ 24.12	3,618.00	\$ 31.00	4,650.00	\$ 100.00	15,000.00
603-2181	STN DUMPED RIP RAP, TP 3, 18 IN	SY	28	\$65.00	\$1,820.00	\$ 47.00	1,316.00	\$ 39.40	1,103.20	\$ 35.00	980.00	\$ 55.00	1,540.00	\$ 83.04	2,325.12	\$ 90.00	2,520.00	\$ 100.00	2,800.00
603-7000	PLASTIC FILTER FABRIC	SY	28	\$6.00	\$168.00	\$ 5.00	140.00	\$ 5.75	161.00	\$ 4.00	112.00	\$ 4.00	112.00	\$ 4.05	113.40	\$ 3.22	90.16	\$ 5.00	140.00
611-5360	RESET HIGHWAY SIGN	EA	2	\$150.00	\$300.00	\$ 100.00	200.00	\$ 172.50	345.00	\$ 125.00	250.00	\$ 30.00	60.00	\$ 576.80	1,153.60	\$ 200.00	400.00	\$ 100.00	200.00
615-1000	JACK AND BORE PIPE-12", ½" THICK STEEL PIPE SLEEVE	LF	68	\$295.00	\$20,060.00	\$ 220.00	14,960.00	\$ 172.50	11,730.00	\$ 150.00	10,200.00	\$ 220.00	14,960.00	\$ 331.66	22,552.88	\$ 310.00	21,080.00	\$ 400.00	27,200.00
636-1033	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	SF	58	\$21.50	\$1,247.00	\$ 20.00	1,160.00	\$ 22.70	1,316.60	\$ 20.00	1,160.00	\$ 22.00	1,276.00	\$ 20.33	1,179.14	\$ 26.00	1,508.00	\$ 50.00	2,900.00
636-1036	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 11	SF	56	\$21.50	\$1,204.00	\$ 21.00	1,176.00	\$ 23.00	1,288.00	\$ 20.00	1,120.00	\$ 22.00	1,232.00	\$ 20.60	1,153.60	\$ 29.00	1,624.00	\$ 50.00	2,800.00
636-1041	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	SF	84	\$40.00	\$3,360.00	\$ 60.00	5,040.00	\$ 79.09	6,643.56	\$ 65.00	5,460.00	\$ 22.00	1,848.00	\$ 69.01	5,796.84	\$ 88.00	7,392.00	\$ 50.00	4,200.00
636-2070	GALV STEEL POSTS, TP 7	LF	233	\$8.75	\$2,038.75	\$ 10.00	2,330.00	\$ 10.30	2,399.90	\$ 9.00	2,097.00	\$ 8.00	1,864.00	\$ 9.23	2,150.59	\$ 12.70	2,959.10	\$ 30.00	6,990.00
639-4004	STRAIN POLE, TP IV, FLUTED BLACK, WITH 65' MAST ARM AND 45' MAST ARM	EA	1	\$21,500.00	\$21,500.00	\$ 18,000.00	18,000.00	\$ 25,710.88	25,710.88	\$ 23,500.00	23,500.00	\$ 27,541.00	27,541.00	\$ 22,711.50	22,711.50	\$ 28,765.00	28,765.00	\$ 50,000.00	50,000.00
639-4004	STRAIN POLE, TP IV, FLUTED BLACK, WITH 55' MAST ARM AND 45' MAST ARM	EA	1	\$18,500.00	\$18,500.00	\$ 16,000.00	16,000.00	\$ 22,842.38	22,842.38	\$ 21,500.00	21,500.00	\$ 37,541.00	37,541.00	\$ 20,347.65	20,347.65	\$ 25,555.00	25,555.00	\$ 50,000.00	50,000.00
643-8200	BARRIER FENCE (ORANGE) 4 FT	LF	1,000	\$5.50	\$5,500.00	\$ 1.50	1,500.00	\$ 1.21	1,210.00	\$ 2.00	2,000.00	\$ 1.50	1,500.00	\$ 2.13	2,130.00	\$ 2.70	2,700.00	\$ 2.00	2,000.00

647-1000	TRAFFIC SIGNAL INSTALLATION	LS	1	\$175,000.00	\$175,000.00	\$ 85,480.00	85,480.00	\$ 135,816.53	135,816.53	\$ 105,200.00	105,200.00	\$ 160,781.00	\$160,781.00	\$ 93,613.61	\$93,613.61	\$ 152,810.00	\$152,810.00	\$ 100,000.00	\$100,000.00
653-0110	THERMOPLASTIC PVMT MARKING, ARROW, TP 1	EA	11	\$105.00	\$1,155.00	\$ 110.00	1,210.00	\$ 101.20	1,113.20	\$ 90.00	990.00	\$ 95.00	\$1,045.00	\$ 90.64	\$997.04	\$ 115.00	\$1,265.00	\$ 150.00	\$1,650.00
653-0120	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	EA	11	\$105.00	\$1,155.00	\$ 100.00	1,100.00	\$ 110.52	1,215.72	\$ 98.00	1,078.00	\$ 102.00	\$1,122.00	\$ 98.98	\$1,088.78	\$ 115.00	\$1,265.00	\$ 150.00	\$1,650.00
653-0130	THERMOPLASTIC PVMT MARKING, ARROW, TP 3	EA	1	\$175.00	\$175.00	\$ 200.00	200.00	\$ 182.51	182.51	\$ 160.00	160.00	\$ 172.00	\$172.00	\$ 163.46	\$163.46	\$ 115.00	\$115.00	\$ 175.00	\$175.00
653-0220	THERMOPLASTIC PVMT MARKING, WORD TP 2	EA	2	\$310.00	\$620.00	\$ 390.00	780.00	\$ 186.88	373.76	\$ 165.00	330.00	\$ 185.00	\$370.00	\$ 167.38	\$334.76	\$ 283.00	\$566.00	\$ 150.00	\$300.00
653-0240	THERMOPLASTIC PVMT MARKING, WORD TP 4	EA	2	\$355.00	\$710.00	\$ 390.00	780.00	\$ 232.94	465.88	\$ 210.00	420.00	\$ 225.00	\$450.00	\$ 208.63	\$417.26	\$ 284.00	\$568.00	\$ 150.00	\$300.00
653-0260	THERMOPLASTIC PVMT MARKING, WORD TP 6, MODIFIED	EA	2	\$465.00	\$930.00	\$ 390.00	780.00	\$ 139.89	279.78	\$ 125.00	250.00	\$ 132.00	\$264.00	\$ 125.29	\$250.58	\$ 285.00	\$570.00	\$ 1,000.00	\$2,000.00
653-0320	THERMOPLASTIC PVMT MARKING, SYMBOL, TP 4	EA	11	\$295.00	\$3,245.00	\$ 220.00	2,420.00	\$ 224.25	2,466.75	\$ 200.00	2,200.00	\$ 220.00	\$2,420.00	\$ 200.85	\$2,209.35	\$ 286.00	\$3,146.00	\$ 1,500.00	\$16,500.00
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	6,582	\$0.95	\$6,252.90	\$ 0.50	3,291.00	\$ 0.70	4,607.40	\$ 0.65	4,278.30	\$ 0.80	\$5,265.60	\$ 0.63	\$4,146.66	\$ 0.77	\$5,068.14	\$ 4.00	\$26,328.00
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	3,225	\$0.95	\$3,063.75	\$ 0.60	1,935.00	\$ 0.71	2,289.75	\$ 0.65	2,096.25	\$ 0.80	\$2,580.00	\$ 0.64	\$2,064.00	\$ 0.77	\$2,483.25	\$ 4.00	\$12,900.00
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	106	\$6.00	\$636.00	\$ 5.50	583.00	\$ 5.38	570.28	\$ 4.75	503.50	\$ 6.00	\$636.00	\$ 4.82	\$510.92	\$ 5.80	\$614.80	\$ 10.00	\$1,060.00
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	1,175	\$4.25	4,993.75	\$2.00	2,350.00	\$2.62	3,078.50	\$2.40	2,820.00	\$4.00	\$4,700.00	\$2.35	\$2,761.25	\$3.00	\$3,525.00	\$10.00	\$11,750.00
653-3501	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	GLF	1,303	\$0.75	\$977.25	\$0.55	716.65	\$0.63	820.89	\$0.65	846.95	\$0.80	\$1,042.40	\$0.57	\$742.71	\$0.71	\$925.13	\$4.00	\$5,212.00
653-6004	THERMOPLASTIC TRAF STRIPING, WHITE	SY	202	\$5.65	\$1,141.30	\$5.00	1,010.00	\$5.29	1,068.58	\$4.75	959.50	\$6.00	\$1,212.00	\$4.74	\$957.48	\$9.30	\$1,878.60	\$10.00	\$2,020.00
653-6006	THERMOPLASTIC TRAF STRIPING, YELLOW	SY	37	\$6.00	\$222.00	\$5.00	185.00	\$5.38	199.06	\$4.90	181.30	\$6.00	\$222.00	\$4.82	\$178.34	\$6.00	\$222.00	\$10.00	\$370.00
654-1001	RAISED PVMT MARKERS, TP 1	EA	92	\$5.00	\$460.00	\$5.00	460.00	\$5.47	503.24	\$5.00	460.00	\$6.00	\$552.00	\$4.90	\$450.80	\$6.10	\$561.20	\$10.00	\$920.00
654-1003	RAISED PVMT MARKERS, TP 3	EA	19	\$7.00	\$133.00	\$5.00	95.00	\$5.47	103.93	\$5.00	95.00	\$6.00	\$114.00	\$4.90	\$93.10	\$6.10	\$115.90	\$10.00	\$190.00
660-0808	SANITARY SEWER PIPE, 8 IN DUCTILE IRON	LF	284	\$125.00	\$35,500.00	\$160.00	45,440.00	\$42.09	11,953.56	\$155.00	44,020.00	\$44.00	\$12,496.00	\$125.66	\$35,687.44	\$94.00	\$26,696.00	\$120.00	\$34,080.00
668-1100	CATCH BASIN, GP 1	EA	5	\$2,950.00	\$14,750.00	\$2,500.00	12,500.00	\$4,052.75	20,263.75	\$2,450.00	12,250.00	\$2,150.00	\$10,750.00	\$3,733.22	\$18,666.10	\$3,860.00	\$19,300.00	\$4,000.00	\$20,000.00
668-1110	CATCH BASIN, GP 1, ADDL DEPTH	LF	6	\$280.00	\$1,680.00	\$190.00	1,140.00	\$205.59	1,233.54	\$200.00	1,200.00	\$150.00	\$900.00	\$346.98	\$2,081.88	\$380.00	\$2,280.00	\$400.00	\$2,400.00
668-2100	DROP INLET, GP 1	EA	3	\$2,650.00	\$7,950.00	\$3,100.00	9,300.00	\$2,069.03	6,207.09	\$2,250.00	6,750.00	\$2,150.00	\$6,450.00	\$4,074.80	\$12,224.40	\$2,452.00	\$7,356.00	\$4,000.00	\$12,000.00
668-3300	SANITARY SEWER MANHOLE, TP 1	EA	3	\$3,250.00	\$9,750.00	\$5,000.00	15,000.00	\$2,688.57	8,065.71	\$5,000.00	15,000.00	\$2,150.00	\$6,450.00	\$6,659.98	\$19,979.94	\$3,300.00	\$9,900.00	\$4,000.00	\$12,000.00
668-3311	SANITARY SEWER MANHOLE, ADDL DEPTH, CL 1	LF	11	\$350.00	\$3,850.00	\$390.00	4,290.00	\$205.56	2,261.16	\$250.00	2,750.00	\$150.00	\$1,650.00	\$409.94	\$4,509.34	\$394.00	\$4,334.00	\$400.00	\$4,400.00
668-4300	STORM SEWER MANHOLE, TP 1	EA	1	\$2,300.00	\$2,300.00	\$1,700.00	1,700.00	\$1,976.37	1,976.37	\$2,250.00	2,250.00	\$2,150.00	\$2,150.00	\$3,248.55	\$3,248.55	\$3,440.00	\$3,440.00	\$4,000.00	\$4,000.00
668-4311	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	LF	6	\$350.00	\$2,100.00	\$190.00	1,140.00	\$205.59	1,233.54	\$200.00	1,200.00	\$150.00	\$900.00	\$196.30	\$1,177.80	\$400.00	\$2,400.00	\$400.00	\$2,400.00
700-6910	PERMANENT GRASSING	AC	2	\$1,550.00	\$3,100.00	\$1,000.00	2,000.00	\$862.50	1,725.00	\$1,500.00	3,000.00	\$950.00	\$1,900.00	\$1,699.50	\$3,399.00	\$1,605.00	\$3,210.00	\$3,000.00	\$6,000.00
700-7000	AGRICULTURAL LIME	TN	6	\$350.00	\$2,100.00	\$550.00	3,300.00	\$258.75	1,552.50	\$150.00	900.00	\$350.00	\$2,100.00	\$257.50	\$1,545.00	\$254.00	\$1,524.00	\$200.00	\$1,200.00
700-8000	FERTILIZER MIXED GRADE	TN	2	\$750.00	\$1,500.00	\$590.00	1,180.00	\$747.50	1,495.00	\$450.00	900.00	\$750.00	\$1,500.00	\$772.50	\$1,545.00	\$680.00	\$1,360.00	\$1,000.00	\$2,000.00
700-8100	FERTILIZER NITROGEN CONTENT	LB	100	\$3.00	\$300.00	\$2.00	200.00	\$7.48	748.00	\$4.00	400.00	\$7.50	\$750.00	\$8.24	\$824.00	\$2.40	\$240.00	\$10.00	\$1,000.00
700-9300	SOD	SY	3,889	\$9.00	\$35,001.00	\$6.00	23,334.00	\$9.21	35,817.69	\$6.50	25,278.50	\$6.00	\$23,334.00	\$8.24	\$32,045.36	\$15.40	\$59,890.60	\$15.00	\$58,335.00
711-0100	TURF REINFORCING MAT, TP 1	SY	76	\$4.25	\$323.00	\$11.00	836.00	\$4.89	371.64	\$5.00	380.00	\$6.00	\$456.00	\$4.10	\$311.60	\$3.00	\$228.00	\$10.00	\$760.00

716-2000	EROSION CONTROL MATS, SLOPES	SY	792	\$2.50	\$1,980.00	\$1.25	990.00	\$1.15	910.80	\$1.20	950.40	\$1.50	\$1,188.00	\$1.32	\$1,045.44	\$1.52	\$1,203.84	\$10.00	\$7,920.00
766-9999	SPRINKLER REPAIR	LS	1	\$5,000.00	\$5,000.00	\$5,000.00	5,000.00	\$2,875.00	2,875.00	\$10,000.00	10,000.00	\$4,500.00	\$4,500.00	\$2,022.00	\$2,022.00	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00
935-8000	TESTING	LS	1	\$3,500.00	\$3,500.00	\$2,000.00	2,000.00	\$7,500.30	7,500.30	\$5,000.00	5,000.00	\$1,500.00	\$1,500.00	\$4,944.00	\$4,944.00	\$6,420.00	\$6,420.00	\$400,000.00	\$400,000.00

Total Bid	ROADWAY ITEM BID SCHEDULE	\$1,618,211.20	\$1,283,017.40	\$1,534,235.84	\$1,571,590.45	\$1,604,909.00	\$1,604,214.33	\$2,035,291.92	\$4,242,015.00
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WATER MAIN REPLACEMENT ITEMS				Internal Estimate		CMES Inc		GDP		Ohmshiv		A1 Contracting		Blount Const		Precision 2000		Site Engineering	
GDOT Pay Item	Description	UOM	QTY	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
611-8140	ADJUST WATER VALVE BOX TO GRADE	EA	1	\$450.00	\$450.00	\$200.00	200.00	\$172.12	172.12	\$105.00	105.00	\$150.00	150.00	\$1,655.42	1,655.42	\$1,190.00	1,190.00	\$1,000.00	\$1,000.00
665-0030	SHORT SIDE SERVICE	EA	7	\$750.00	\$5,250.00	\$950.00	6,650.00	\$507.14	3,549.98	\$905.00	6,335.00	\$550.00	3,850.00	\$942.45	6,597.15	\$1,200.00	8,400.00	\$1,200.00	\$8,400.00
665-0040	LONG SIDE SERVICE	EA	4	\$1,600.00	\$6,400.00	\$1,250.00	5,000.00	\$968.05	3,872.20	\$1,210.00	4,840.00	\$750.00	3,000.00	\$1,802.50	7,210.00	\$2,650.00	10,600.00	\$2,500.00	\$10,000.00
670-1060	WATER MAIN, 6” DIP	LF	130	\$60.00	\$7,800.00	\$70.00	9,100.00	\$52.79	6,862.70	\$42.00	5,460.00	\$105.00	13,650.00	\$204.23	26,549.90	\$56.00	7,280.00	\$80.00	\$10,400.00
670-1080	WATER MAIN, 8” DIP	LF	120	\$80.00	\$9,600.00	\$85.00	10,200.00	\$56.22	6,746.40	\$52.00	6,240.00	\$110.00	13,200.00	\$58.86	7,063.20	\$84.00	10,080.00	\$100.00	\$12,000.00
670-1120	WATER MAIN, 12” DIP	LF	130	\$100.00	\$13,000.00	\$95.00	12,350.00	\$101.79	13,232.70	\$87.00	11,310.00	\$250.00	32,500.00	\$193.08	25,100.40	\$117.00	15,210.00	\$105.00	\$13,650.00
670-1160	WATER MAIN, 16” DIP	LF	1,510	\$120.00	\$181,200.00	\$130.00	196,300.00	\$89.00	134,390.00	\$106.00	160,060.00	\$160.00	241,600.00	\$189.06	285,480.60	\$120.00	181,200.00	\$110.00	\$166,100.00
670-1490	CUT AND PLUG EXISTING MAIN	EA	1	\$400.00	\$400.00	\$3,250.00	3,250.00	\$1,227.54	1,227.54	\$3,100.00	3,100.00	\$1,100.00	1,100.00	\$5,768.00	5,768.00	\$1,610.00	1,610.00	\$3,000.00	\$3,000.00
670-2002	VALVE MARKER	EA	15	\$50.00	\$750.00	\$125.00	1,875.00	\$132.53	1,987.95	\$105.00	1,575.00	\$45.00	675.00	\$283.25	4,248.75	\$142.00	2,130.00	\$100.00	\$1,500.00
670-2060	GATE VALVE, 6”	EA	6	\$1,000.00	\$6,000.00	\$1,100.00	6,600.00	\$1,061.15	6,366.90	\$925.00	5,550.00	\$2,200.00	13,200.00	\$1,364.75	8,188.50	\$1,620.00	9,720.00	\$1,200.00	\$7,200.00
670-2080	GATE VALVE, 8”	EA	2	\$1,200.00	\$2,400.00	\$1,450.00	2,900.00	\$1,543.98	3,087.96	\$1,225.00	2,450.00	\$3,500.00	7,000.00	\$2,266.00	4,532.00	\$2,543.00	5,086.00	\$1,500.00	\$3,000.00
670-2120	GATE VALVE, 12”	EA	4	\$3,000.00	\$12,000.00	\$4,250.00	17,000.00	\$2,487.57	9,950.28	\$4,100.00	16,400.00	\$6,500.00	26,000.00	\$3,650.32	14,601.28	\$4,640.00	18,560.00	\$3,000.00	\$12,000.00
670-2160	GATE VALVE, 16”	EA	5	\$7,500.00	\$37,500.00	\$7,600.00	38,000.00	\$6,563.86	32,819.30	\$6,250.00	31,250.00	\$13,500.00	67,500.00	\$8,682.90	43,414.50	\$10,400.00	52,000.00	\$8,000.00	\$40,000.00
670-4000	FIRE HYDRANT ASSEMBLY	EA	3	\$4,000.00	\$12,000.00	\$4,000.00	12,000.00	\$4,361.53	13,084.59	\$3,250.00	9,750.00	\$6,500.00	19,500.00	\$4,326.00	12,978.00	\$5,870.00	17,610.00	\$4,500.00	\$13,500.00
670-5000	WATER SERVICE LINE, 3/4-INCH	LF	280	\$18.00	\$5,040.00	\$40.00	11,200.00	\$10.45	2,926.00	\$25.50	7,140.00	\$11.00	3,080.00	\$83.22	23,301.60	\$31.20	8,736.00	\$40.00	\$11,200.00
670-9245	STEEL CASING, 12 IN	LF	120	\$100.00	\$12,000.00	\$125.00	15,000.00	\$55.23	6,627.60	\$80.50	9,660.00	\$65.00	7,800.00	\$87.55	10,506.00	\$186.00	22,320.00	\$200.00	\$24,000.00
670-9275	STEEL CASING, 24 IN	LF	225	\$200.00	\$45,000.00	\$175.00	39,375.00	\$92.23	20,751.75	\$101.00	22,725.00	\$140.00	31,500.00	\$401.70	90,382.50	\$325.00	73,125.00	\$300.00	\$67,500.00
670-9730	RELOCATE EXISTING WATER METER, INCL BOX	EA	7	\$800.00	\$5,600.00	\$950.00	6,650.00	\$862.55	6,037.85	\$701.00	4,907.00	\$450.00	3,150.00	\$515.00	3,605.00	\$1,090.00	7,630.00	\$800.00	\$5,600.00
670-9910	REMOVE EXISTING WATER VALVE, INCL BOX	EA	9	\$200.00	\$1,800.00	\$650.00	5,850.00	\$172.50	1,552.50	\$505.00	4,545.00	\$250.00	2,250.00	\$240.34	2,163.06	\$3,750.00	33,750.00	\$800.00	\$7,200.00
670-9920	REMOVE EXISTING FIRE HYDRANT	EA	2	\$270.00	\$540.00	\$550.00	1,100.00	\$575.03	1,150.06	\$515.00	1,030.00	\$950.00	1,900.00	\$2,267.03	4,534.06	\$1,150.00	2,300.00	\$800.00	\$1,600.00

Total Bid	WATER MIAN REPLACEMENT	\$364,730.00	\$400,600.00	\$276,396.38	\$314,432.00	\$492,605.00	\$587,879.92	\$488,537.00	\$418,850.00
	Grand Total Bid	\$1,982,941.20	\$1,683,617.40	\$1,810,632.22	\$1,886,022.45	\$2,097,514.00	\$2,192,094.25	\$2,523,828.92	\$4,660,865.00