

FY06 Water Main Replacement - Contract 2				1		3		3	
				Propst Construction Co., Inc. Concord, NC		Dallas 1 Construction, LLC Charlotte, NC		State Utility Contractors, Inc. Monroe, NC	
<b>1</b>	<b>FOR MOBILIZATION TO THE PROJECT SITE, AS SPECIFIED</b>								
A	"TYPE A" MOBILIZATION	1	LS	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$35,000.00	\$35,000.00
B	"TYPE B" MOBILIZATION	1	EA	\$3,500.00	\$3,500.00	\$15,000.00	\$15,000.00	\$12,000.00	\$12,000.00
C	"TYPE C" MOBILIZATION (L < 300')	5	EA	\$3,500.00	\$17,500.00	\$3,700.00	\$18,500.00	\$6,500.00	\$32,500.00
D	"TYPE D" MOBILIZATION (L > 299')	10	EA	\$3,200.00	\$32,000.00	\$3,600.00	\$36,000.00	\$5,000.00	\$50,000.00
<b>2</b>	<b>FOR FURNISHING AND INSTALLING 12-INCH POLYVINYL CHLORIDE PIPE (DR 14) OR 12-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350), WITH PUSH-ON JOINTS, AS SPECIFIED, COMPLETE IN PLACE.</b>								
A	0-4 FEET OF COVER	500	LF	\$38.00	\$19,000.00	\$29.00	\$14,500.00	\$40.00	\$20,000.00
B	4-6 FEET OF COVER	100	LF	\$39.00	\$3,900.00	\$29.00	\$2,900.00	\$42.00	\$4,200.00
C	6-8 FEET OF COVER	50	LF	\$42.00	\$2,100.00	\$29.00	\$1,450.00	\$48.00	\$2,400.00
D	8 FEET AND DEEPER	25	LF	\$50.00	\$1,250.00	\$29.00	\$725.00	\$58.00	\$1,450.00
<b>3</b>	<b>FOR FURNISHING AND INSTALLING 8-INCH POLYVINYL CHLORIDE PIPE (DR 14) OR 8-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350), WITH PUSH-ON JOINTS AS SPECIFIED, COMPLETE IN PLACE.</b>								
A	0-4 FEET OF COVER	5,000	LF	\$21.00	\$105,000.00	\$19.50	\$97,500.00	\$28.00	\$140,000.00
B	4-6 FEET OF COVER	100	LF	\$22.00	\$2,200.00	\$21.50	\$2,150.00	\$30.00	\$3,000.00
C	6-8 FEET OF COVER	50	LF	\$24.00	\$1,200.00	\$24.00	\$1,200.00	\$35.00	\$1,750.00
D	8 FEET AND DEEPER	25	LF	\$28.00	\$700.00	\$26.00	\$650.00	\$45.00	\$1,125.00
<b>4</b>	<b>FOR FURNISHING AND INSTALLING 6-INCH POLYVINYL CHLORIDE PIPE (DR 14) OR 6-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350) WITH PUSH-ON JOINTS, AS SPECIFIED, COMPLETE IN PLACE.</b>								
A	0-4 FEET OF COVER	10,000	LF	\$17.00	\$170,000.00	\$18.60	\$186,000.00	\$26.00	\$260,000.00
B	4-6 FEET OF COVER	500	LF	\$18.00	\$9,000.00	\$19.80	\$9,900.00	\$28.00	\$14,000.00
C	6-8 FEET OF COVER	75	LF	\$20.00	\$1,500.00	\$25.00	\$1,875.00	\$32.00	\$2,400.00
D	8 FEET AND DEEPER	25	LF	\$24.00	\$600.00	\$29.00	\$725.00	\$42.00	\$1,050.00
<b>5</b>	<b>FOR FURNISHING AND INSTALLING 2-INCH POLYVINYL CHLORIDE PIPE (DR 14 OR LESS) WITH PUSH-ON JOINTS AS SPECIFIED, COMPLETE IN PLACE</b>								
A	0-4 FEET OF COVER	5,000	LF	\$11.00	\$55,000.00	\$13.80	\$69,000.00	\$20.00	\$100,000.00
B	4-6 FEET OF COVER	200	LF	\$12.00	\$2,400.00	\$15.00	\$3,000.00	\$22.00	\$4,400.00
C	6-8 FEET OF COVER	25	LF	\$13.00	\$325.00	\$16.00	\$400.00	\$26.00	\$650.00
D	8 FEET AND DEEPER	25	LF	\$15.00	\$375.00	\$16.00	\$400.00	\$36.00	\$900.00
<b>6</b>	<b>FOR SUBSTITUTING RESTRAINED JOINT DUCTILE IRON PIPE, AS SPECIFIED, COMPLETE IN PLACE</b>								
A	12-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350)	75	LF	\$10.00	\$750.00	\$15.00	\$1,125.00	\$20.00	\$1,500.00
B	8-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350)	100	LF	\$12.00	\$1,200.00	\$10.00	\$1,000.00	\$12.00	\$1,200.00
C	6-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350)	300	LF	\$12.00	\$3,600.00	\$10.00	\$3,000.00	\$10.00	\$3,000.00
<b>7</b>	<b>FOR SUBSTITUTING DUCTILE IRON PIPE WITH PUSH-ON JOINTS, AS DIRECTED, COMPLETE IN PLACE</b>								
A	12-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350)	75	LF	\$0.00	\$0.00	\$5.00	\$375.00	\$5.00	\$375.00
B	8-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350)	100	LF	\$3.00	\$300.00	\$5.00	\$500.00	\$8.00	\$800.00
C	6-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350)	300	LF	\$3.80	\$1,140.00	\$4.00	\$1,200.00	\$6.00	\$1,800.00
<b>8</b>	<b>SUBSTITUTING 2-INCH RED BRASS PIPE, COMPLETE WITH ADAPTOR COUPLINGS, AS DIRECTED, COMPLETE IN PLACE</b>			50	LF	\$22.00	\$1,100.00	\$60.00	\$3,000.00
<b>9</b>	<b>FOR FURNISHING AND INSTALLING STONE BEDDING AS SPECIFIED, COMPLETE IN PLACE</b>								
A	FOR 12-INCH PIPE	50	LF	\$3.00	\$150.00	\$2.00	\$100.00	\$5.00	\$250.00
B	FOR 6-INCH PIPE AND/OR 8-INCH PIPE	250	LF	\$3.00	\$750.00	\$2.00	\$500.00	\$2.00	\$500.00

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C	FOR 2-INCH PIPE	50	LF	\$1.00	\$50.00	\$2.00	\$100.00	\$2.00	\$100.00
10	<b>FOR FURNISHING AND INSTALLING MAIN LINE GATE VALVES, AS SPECIFIED, COMPLETE IN PLACE</b>								
A	12" GATE VALVES	2	EA	\$1,850.00	\$3,700.00	\$1,600.00	\$3,200.00	\$2,000.00	\$4,000.00
B	8" GATE VALVES	5	EA	\$1,030.00	\$5,150.00	\$900.00	\$4,500.00	\$1,000.00	\$5,000.00
C	6" GATE VALVES	20	EA	\$730.00	\$14,600.00	\$760.00	\$15,200.00	\$900.00	\$18,000.00
D	2" GATE VALVES	15	EA	\$430.00	\$6,450.00	\$600.00	\$9,000.00	\$600.00	\$9,000.00
11	<b>FOR FURNISHING AND INSTALLING TAPPING SLEEVES AND TAPPING VALVES, AS SPECIFIED, COMPLETE IN PLACE</b>								
A	12" X 12"	1	EA	\$4,100.00	\$4,100.00	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00
B	12" X 8"	1	EA	\$2,400.00	\$2,400.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00
C	12" X 6"	1	EA	\$1,900.00	\$1,900.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00
D	8" X 8"	1	EA	\$2,300.00	\$2,300.00	\$2,400.00	\$2,400.00	\$3,500.00	\$3,500.00
E	8" X 6"	3	EA	\$1,580.00	\$4,740.00	\$2,400.00	\$7,200.00	\$3,500.00	\$10,500.00
F	6" X 6"	10	EA	\$1,600.00	\$16,000.00	\$2,300.00	\$23,000.00	\$3,000.00	\$30,000.00
12	<b>FOR FURNISHING AND INSTALLING EXTENSION STEMS ON PROPOSED VALVES, AS SPECIFIED, COMPLETE IN PLACE</b>								
A	BASE STEM TO 5' IN LENGTH	1	EA	\$130.00	\$130.00	\$150.00	\$150.00	\$150.00	\$150.00
B	EXTRA LENGTH PER FOOT	2	VF	\$30.00	\$60.00	\$25.00	\$50.00	\$25.00	\$50.00
13	<b>FOR FURNISHING AND INSTALLING TAPPING SADDLES AND CORPORATIONS, AS SPECIFIED, COMPLETE IN PLACE</b>								
A	16" X 2"	1	EA	\$665.00	\$665.00	\$650.00	\$650.00	\$800.00	\$800.00
B	12" X 2"	1	EA	\$540.00	\$540.00	\$650.00	\$650.00	\$750.00	\$750.00
C	8" X 2"	2	EA	\$450.00	\$900.00	\$600.00	\$1,200.00	\$700.00	\$1,400.00
D	6" X 2"	8	EA	\$390.00	\$3,120.00	\$600.00	\$4,800.00	\$650.00	\$5,200.00
14	<b>FOR FURNISHING AND INSTALLING FIRE HYDRANTS, AS SPECIFIED, COMPLETE IN PLACE</b>								
A	WITH TEES ON 12-INCH PIPE	1	EA	\$3,440.00	\$3,440.00	\$2,900.00	\$2,900.00	\$3,200.00	\$3,200.00
B	WITH TEES ON 8-INCH PIPE	1	EA	\$3,200.00	\$3,200.00	\$2,800.00	\$2,800.00	\$3,000.00	\$3,000.00
C	WITH TEES ON 6-INCH PIPE	5	EA	\$3,090.00	\$15,450.00	\$2,700.00	\$13,500.00	\$2,800.00	\$14,000.00
D	6-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350) (RESTRAINED JOINT)	25	LF	\$26.00	\$650.00	\$21.00	\$525.00	\$25.00	\$625.00
E	6-INCH 90° BEND	1	EA	\$240.00	\$240.00	\$200.00	\$200.00	\$200.00	\$200.00
15	<b>FIRE HYDRANT REMOVAL</b>	3	EA	\$290.00	\$870.00	\$550.00	\$1,650.00	\$950.00	\$2,850.00
16	<b>FOR FURNISHING AND INSTALLING FIRE HYDRANT EXTENSIONS, AS SPECIFIED, COMPLETE IN PLACE</b>	5	VF	\$360.00	\$1,800.00	\$440.00	\$2,200.00	\$450.00	\$2,250.00
17	<b>FOR FURNISHING AND INSTALLING FITTINGS AS SPECIFIED, COMPLETE IN PLACE</b>	2,000	LBS	\$3.50	\$7,000.00	\$3.20	\$6,400.00	\$3.00	\$6,000.00
18	<b>FOR FURNISHING, FORMING, AND PLACING PLAIN CONCRETE BLOCKING AS SPECIFIED AND/OR AS SHOWN ON THE PLANS</b>	200	CF	\$12.00	\$2,400.00	\$13.00	\$2,600.00	\$12.00	\$2,400.00
19	<b>FOR FURNISHING AND INSTALLING (DRY-BORE) WITH STEEL ENCASEMENT, AS SPECIFIED, COMPLETE IN PLACE</b>								
A	<b>FOR FURNISHING \$3,000,000.00 COMMERCIAL OR PUBLIC LIABILITY INSURANCE, AS SPECIFIED, IN THE SPECIAL PROVISIONS</b>	1	EA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
B	<b>FOR MOBILIZATION, EXCAVATION AND BACKFILL OF THE BORE PIT</b>								
a	0' - 5' DEPTH	2	EA	\$250.00	\$500.00	\$600.00	\$1,200.00	\$650.00	\$1,300.00
b	EACH ADDITIONAL FOOT OF DEPTH	2	VF	\$200.00	\$400.00	\$100.00	\$200.00	\$65.00	\$130.00
C	12-3/4" DIAMETER CASING (t=.250")	150	LF	\$125.00	\$18,750.00	\$100.00	\$15,000.00	\$150.00	\$22,500.00
D	<b>FOR SUBSTITUTING CASING (ADD ON TO "C" ABOVE)</b>								
a	16" DIAMETER CASING (t=0.250")	5	LF	\$18.00	\$90.00	\$25.00	\$125.00	\$30.00	\$150.00

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b	16" DIAMETER CASING (t=0.281")	5	LF	\$23.00	\$115.00	\$25.00	\$125.00	\$35.00	\$175.00
c	18-INCH DIAMETER CASING (t=0.250")	5	LF	\$40.00	\$200.00	\$30.00	\$150.00	\$45.00	\$225.00
d	18" DIAMETER CASING (t=0.312")	5	LF	\$47.00	\$235.00	\$30.00	\$150.00	\$50.00	\$250.00
e	20-INCH DIAMETER CASING (t=0.250")	5	LF	\$47.00	\$235.00	\$35.00	\$175.00	\$75.00	\$375.00
f	20-INCH DIAMETER CASING (t=0.344")	5	LF	\$60.00	\$300.00	\$35.00	\$175.00	\$85.00	\$425.00
g	24-INCH DIAMETER CASING (t=0.250")	5	LF	\$75.00	\$375.00	\$45.00	\$225.00	\$100.00	\$500.00
h	24-INCH DIAMETER CASING (t=0.406")	5	LF	\$116.00	\$580.00	\$45.00	\$225.00	\$120.00	\$600.00
<b>20</b>	<b>FOR GROUTING INCOMPLETE ENCASING PIPE, AS SPECIFIED, COMPLETE IN PLACE</b>								
A	16-INCH ENCASING PIPE AND SMALLER	5	LF	\$20.00	\$100.00	\$20.00	\$100.00	\$12.00	\$60.00
B	18-INCH ENCASING PIPE AND LARGER	5	LF	\$23.00	\$115.00	\$25.00	\$125.00	\$16.00	\$80.00
<b>21</b>	<b>FOR INSTALLING 48" TUNNEL (12 GAUGE), ANCHORING THE CARRIER PIPE, AND NECESSARY MORTAR END SEALING. THE UNIT PRICE BID WILL NOT BE LESS THAN THE UNIT BID FOR BORING</b>	5	LF	\$800.00	\$4,000.00	\$400.00	\$2,000.00	\$700.00	\$3,500.00
<b>22</b>	<b>FOR DRY-BORE, WITHOUT STEEL ENCASEMENT PIPE, OPENINGS NOT GREATER THAN 4-INCHES LARGER THAN O.D. OF PIPE BELLS, FOR THE INSERTION OF 6, 8 OR 12-INCH WATER MAINS, AS SPECIFIED.</b>								
A	FOR THE FIRST 10 LF (PER BORE SITE)	20	EA	\$450.00	\$9,000.00	\$450.00	\$9,000.00	\$600.00	\$12,000.00
B	FOR ADDITIONAL LENGTH (EXCLUDING FIRST 10 LF PER BORE SITE)	200	LF	\$35.00	\$7,000.00	\$35.00	\$7,000.00	\$60.00	\$12,000.00
<b>23</b>	<b>FOR PUNCHING OR DRILLING, WITHOUT ENCASEMENT PIPE, OPENINGS 4-INCHES IN DIAMETER, FOR THE INSERTION OF 2-INCH WATER PIPE, AS SPECIFIED, COMPLETE IN PLACE</b>	300	LF	\$25.00	\$7,500.00	\$24.00	\$7,200.00	\$25.00	\$7,500.00
<b>24</b>	<b>FOR FURNISHING AND INSTALLING AIR RELEASE VALVES AS SPECIFIED AND AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE</b>								
A	ON 12-INCH PIPE - 1-INCH AIR RELEASE	1	EA	\$600.00	\$600.00	\$500.00	\$500.00	\$700.00	\$700.00
B	ON 8-INCH PIPE - 1-INCH AIR RELEASE	2	EA	\$545.00	\$1,090.00	\$500.00	\$1,000.00	\$600.00	\$1,200.00
C	ON 6-INCH PIPE - 1-INCH AIR RELEASE	2	EA	\$480.00	\$960.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00
<b>25</b>	<b>FOR FURNISHING AND INSTALLING PERMANENT 2-INCH BLOW-OFFS (STANDARD DETAIL #13), AS SPECIFIED, COMPLETE IN PLACE</b>								
A	ON 12-INCH PIPE	1	EA	\$1,000.00	\$1,000.00	\$650.00	\$650.00	\$850.00	\$850.00
B	ON 8-INCH PIPE	1	EA	\$900.00	\$900.00	\$650.00	\$650.00	\$750.00	\$750.00
C	ON 6-INCH PIPE	2	EA	\$830.00	\$1,660.00	\$650.00	\$1,300.00	\$700.00	\$1,400.00
D	ON 2-INCH PIPE	10	EA	\$765.00	\$7,650.00	\$650.00	\$6,500.00	\$600.00	\$6,000.00
<b>26</b>	<b>FOR FURNISHING AND INSTALLING PERMANENT 2-INCH BLOW-OFFS (STANDARD DETAIL #4), AS SPECIFIED, COMPLETE IN PLACE</b>								
A	ON 12-INCH PIPE	1	EA	\$685.00	\$685.00	\$400.00	\$400.00	\$650.00	\$650.00
B	ON 8-INCH PIPE	1	EA	\$525.00	\$525.00	\$400.00	\$400.00	\$600.00	\$600.00
C	ON 6-INCH PIPE	2	EA	\$435.00	\$870.00	\$400.00	\$800.00	\$500.00	\$1,000.00
<b>27</b>	<b>FOR FURNISHING, USING, AND REMOVING TEMPORARY 2-INCH BLOW-OFFS REQUIRED FOR TESTING</b>	25	EA	\$325.00	\$8,125.00	\$450.00	\$11,250.00	\$450.00	\$11,250.00
<b>28</b>	<b>FOR FURNISHING AND INSTALLING WATER SERVICES, AS SPECIFIED, COMPLETE IN PLACE</b>								
A	FOR COPPER TUBING (TYPE K) - OPEN CUT METHOD								
a	3/4-INCH TUBING	200	LF	\$14.00	\$2,800.00	\$12.00	\$2,400.00	\$12.00	\$2,400.00
b	1-INCH TUBING	50	LF	\$15.00	\$750.00	\$13.00	\$650.00	\$14.00	\$700.00
B	FOR COPPER TUBING (TYPE k) - BY PUNCH METHOD								
a	3/4-INCH TUBING	200	LF	\$22.00	\$4,400.00	\$20.00	\$4,000.00	\$20.00	\$4,000.00
b	1-INCH TUBING	25	LF	\$23.00	\$575.00	\$20.00	\$500.00	\$22.00	\$550.00
C	FOR WATER SERVICES INSTALLED AS PART OF MAIN LINE PIPE INSTALLATION								

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a	3/4-INCH WATER SERVICES	5	EA	\$400.00	\$2,000.00	\$350.00	\$1,750.00	\$375.00	\$1,875.00
b	1-INCH WATER SERVICES	1	EA	\$450.00	\$450.00	\$350.00	\$350.00	\$475.00	\$475.00
D	FOR WATER SERVICES INSTALLED ON EXISTING MAINS (EXISTING BY OTHERS OR EXISTING BY THE CONTRACTOR)								
a	3/4-INCH WATER SERVICES	5	EA	\$450.00	\$2,250.00	\$480.00	\$2,400.00	\$575.00	\$2,875.00
b	1-INCH WATER SERVICES	1	EA	\$500.00	\$500.00	\$480.00	\$480.00	\$675.00	\$675.00
29	<b>FOR CONNECTION TO EXISTING PRIVATE SERVICE PIPE (INSTALLED BY PLUMBER), AS SPECIFIED. THIS ITEM SHALL BE USED IN CONJUNCTION WITH THE NEW WATER SERVICES ITEM ABOVE.</b>								
A	3/4-INCH	2	EA	\$100.00	\$200.00	\$120.00	\$240.00	\$125.00	\$250.00
B	1-INCH	1	EA	\$125.00	\$125.00	\$120.00	\$120.00	\$200.00	\$200.00
30	<b>FOR TRANSFERRING EXISTING WATER SERVICES TO PROPOSED WATER MAIN TO CONFORM TO CMUD STANDARDS, AS SPECIFIED, COMPLETE IN PLACE</b>								
A	LONG SIDE (3/4") - TYPE K COPPER	200	EA	\$690.00	\$138,000.00	\$900.00	\$180,000.00	\$900.00	\$180,000.00
B	LONG SIDE (1") - TYPE K COPPER	15	EA	\$740.00	\$11,100.00	\$900.00	\$13,500.00	\$1,000.00	\$15,000.00
C	SHORT SIDE (3/4") - TYPE K COPPER	200	EA	\$515.00	\$103,000.00	\$620.00	\$124,000.00	\$600.00	\$120,000.00
D	SHORT SIDE (1") - TYPE K COPPER	15	EA	\$565.00	\$8,475.00	\$620.00	\$9,300.00	\$700.00	\$10,500.00
E	FOR REPLACING EXISTING METER BOX WITH NEW CONCRETE METER BOX	10	EA	\$60.00	\$600.00	\$70.00	\$700.00	\$125.00	\$1,250.00
31	<b>FOR SERVICE RENEWAL AND CONNECTION TO EXISTING TAIL PIECE OR PRIVATE SERVICE PIPE, AS SPECIFIED. (TO BE USED IN CONJUNCTION WITH TRANSFERRING WATER SERVICES ITEM ABOVE)</b>								
A	3/4 INCH	350	EA	\$100.00	\$35,000.00	\$120.00	\$42,000.00	\$125.00	\$43,750.00
B	1-INCH	10	EA	\$110.00	\$1,100.00	\$120.00	\$1,200.00	\$150.00	\$1,500.00
32	<b>FOR CONNECTIONS TO EXISTING WATER MAINS AT NON-RP JUMPER LOCATIONS (INCLUDING LONG PATTERN SOLID SLEEVE), AS SPECIFIED, COMPLETE IN PLACE.</b>								
A	12-INCH DIAMETER	2	EA	\$830.00	\$1,660.00	\$900.00	\$1,800.00	\$1,200.00	\$2,400.00
B	8-INCH DIAMETER	5	EA	\$690.00	\$3,450.00	\$900.00	\$4,500.00	\$1,000.00	\$5,000.00
C	6-INCH DIAMETER	25	EA	\$535.00	\$13,375.00	\$800.00	\$20,000.00	\$850.00	\$21,250.00
D	2-INCH DIAMETER	10	EA	\$380.00	\$3,800.00	\$700.00	\$7,000.00	\$750.00	\$7,500.00
33	<b>FOR CONNECTIONS TO EXISTING WATER MAINS AT RP JUMPER LOCATIONS, AS SPECIFIED, COMPLETE IN PLACE</b>								
A	FOR FURNISHING, USING, AND REMOVING A 2-INCH DIAMETER REDUCED PRESSURE (RP) PRINCIPLE BACKFLOW PREVENTER JUMPER PER STANDARD DETAILS #12-B	25	EA	\$600.00	\$15,000.00	\$600.00	\$15,000.00	\$850.00	\$21,250.00
B	FOR REMOVING/REPLACING THE RP JUMPER DAILY DUE TO LOCATION AND/OR RESTRICTIONS IMPOSED BY NC-DOT OR THE ENGINEER (ADD ON TO A. ABOVE) (PAYMENT IS LIMITED TO ONCE PER PROJECT)	5	EA	\$230.00	\$1,150.00	\$120.00	\$600.00	\$200.00	\$1,000.00
C	FOR COMPLETING A CONNECTION TO AN EXISTING MAIN (INCLUDING LONG PATTERN SOLID SLEEVE)								
a	12-INCH DIAMETER	2	EA	\$580.00	\$1,160.00	\$900.00	\$1,800.00	\$1,200.00	\$2,400.00
b	8-INCH DIAMETER	3	EA	\$440.00	\$1,320.00	\$900.00	\$2,700.00	\$1,000.00	\$3,000.00
c	6-INCH DIAMETER	10	EA	\$350.00	\$3,500.00	\$800.00	\$8,000.00	\$850.00	\$8,500.00
d	2-INCH DIAMETER	10	EA	\$200.00	\$2,000.00	\$700.00	\$7,000.00	\$750.00	\$7,500.00
34	<b>FOR ABANDONMENT OF EXISTING WATER MAINS, AS SPECIFIED ON PLANS AND AS DIRECTED BY THE ENGINEER</b>								
A	CUT AND PLUG (WATERTIGHT) EXISTING WATER MAINS								
a	12-INCH MAIN	1	EA	\$600.00	\$600.00	\$500.00	\$500.00	\$900.00	\$900.00
b	8-INCH MAIN	1	EA	\$360.00	\$360.00	\$500.00	\$500.00	\$800.00	\$800.00
c	6-INCH MAIN	1	EA	\$260.00	\$260.00	\$500.00	\$500.00	\$700.00	\$700.00

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d	2-INCH MAIN	30	EA	\$150.00	\$4,500.00	\$500.00	\$15,000.00	\$450.00	\$13,500.00
B	REMOVING EXISTING FITTINGS AND SLEEVE CONNECTION								
a	12-INCH MAIN	1	EA	\$500.00	\$500.00	\$650.00	\$650.00	\$1,500.00	\$1,500.00
b	8-INCH MAIN	1	EA	\$390.00	\$390.00	\$650.00	\$650.00	\$1,200.00	\$1,200.00
c	6-INCH MAIN	2	EA	\$310.00	\$620.00	\$650.00	\$1,300.00	\$850.00	\$1,700.00
d	2-INCH MAIN	5	EA	\$210.00	\$1,050.00	\$650.00	\$3,250.00	\$750.00	\$3,750.00
C	REMOVING EXISTING VALVE BOXES AND ABANDONING EXISTING VALVE	40	EA	\$70.00	\$2,800.00	\$120.00	\$4,800.00	\$150.00	\$6,000.00
35	<b>FOR COMPLETE LEAD JOINT INSTALLATION, AS SPECIFIED, COMPLETE IN PLACE</b>	1	EA	\$600.00	\$600.00	\$200.00	\$200.00	\$750.00	\$750.00
36	<b>FOR OFF-SITE DISPOSAL OF WATER AT THE TIME OF DISINFECTION AS SPECIFIED AND AS DIRECTED BY THE ENGINEER</b>								
A	FOR 12-INCH PIPE	800	LF	\$1.00	\$800.00	\$0.50	\$400.00	\$1.00	\$800.00
B	FOR 8-INCH PIPE	800	LF	\$0.80	\$640.00	\$0.50	\$400.00	\$1.00	\$800.00
C	FOR 6-INCH PIPE	800	LF	\$0.50	\$400.00	\$0.50	\$400.00	\$1.00	\$800.00
D	FOR 2-INCH PIPE	800	LF	\$0.50	\$400.00	\$0.50	\$400.00	\$1.00	\$800.00
37	<b>FOR ON-SITE DISPOSAL OF WATER AT THE TIME OF DISINFECTION, AS SPECIFIED, AND AS DIRECTED BY THE ENGINEER</b>	10	EA	\$200.00	\$2,000.00	\$300.00	\$3,000.00	\$750.00	\$7,500.00
38	<b>FOR ADJUSTING EXISTING VALVES BOXES, AS SPECIFIED, COMPLETE IN PLACE</b>	15	EA	\$90.00	\$1,350.00	\$150.00	\$2,250.00	\$150.00	\$2,250.00
39	<b>FOR REPLACING SANITARY SEWER MAINS, AS SPECIFIED AND AS DIRECTED BY THE ENGINEER</b>								
A	FOR REMOVING EXISTING 8-INCH SEWER MAINS REPLACING SAME WITH DUCTILE IRON PIPE (PRESSURE CLASS 350) COMPLETE IN PLACE	50	LF	\$75.00	\$3,750.00	\$30.00	\$1,500.00	\$60.00	\$3,000.00
B	FOR REMOVING EXISTING 6-INCH SANITARY SEWER LATERALS AND REPLACING SAME WITH DUCTILE IRON PIPE (PRESSURE CLASS 350) COMPLETE IN PLACE	20	LF	\$62.00	\$1,240.00	\$30.00	\$600.00	\$50.00	\$1,000.00
C	FOR REMOVING EXISTING 4-INCH SANITARY SEWER LATERALS AND REPLACING SAME WITH DUCTILE IRON PIPE (PRESSURE CLASS 350) COMPLETE IN PLACE	100	LF	\$50.00	\$5,000.00	\$30.00	\$3,000.00	\$45.00	\$4,500.00
40	<b>FOR RELOCATING UNDERGROUND CABLES/PLASTIC GAS MAINS</b>								
A	RELOCATING PHONE (FIBER OPTICS) CABLES	200	LF	\$3.00	\$600.00	\$2.00	\$400.00	\$7.00	\$1,400.00
B	RELOCATING PHONE (NON-FIBER OPTICS) CABLES	200	LF	\$3.00	\$600.00	\$2.00	\$400.00	\$7.00	\$1,400.00
C	RELOCATING POWER CABLES	200	LF	\$3.00	\$600.00	\$2.00	\$400.00	\$7.00	\$1,400.00
D	RELOCATING CABLE TV CABLES	200	LF	\$3.00	\$600.00	\$2.00	\$400.00	\$7.00	\$1,400.00
E	RELOCATING PLASTIC NATURAL GAS MAINS	200	LF	\$3.00	\$600.00	\$2.00	\$400.00	\$7.00	\$1,400.00
41	<b>FOR THE ADDITIONAL COST OF RESTRICTED WORK HOURS OF 9:00 AM TO 4:00 PM, PER LINEAR FOOT OF CONSTRUCTION, AS SPECIFIED</b>	1,000	LF	\$3.00	\$3,000.00	\$5.00	\$5,000.00	\$8.00	\$8,000.00
42	<b>FOR THE ADDITIONAL COST OF RESTRICTED WORK HOURS OF 6:00PM TO 6:00 AM, AT NIGHT AND/OR WEEKENDS OF 6:00 PM FRIDAY TO 6:00 AM MONDAY, PER LINEAR FOOT OF CONSTRUCTION, AS SPECIFIED</b>	500	LF	\$4.00	\$2,000.00	\$5.00	\$2,500.00	\$12.00	\$6,000.00
43	<b>FOR THE ADDITIONAL COST OF RESTRICTED SPOIL AREAS, PER LINEAR FOOT OF CONSTRUCTION, COMPLETE</b>	500	LF	\$4.00	\$2,000.00	\$3.00	\$1,500.00	\$12.00	\$6,000.00
44	<b>FOR FURNISHING AND INSTALLING FIRE HYDRANTS ON EXISTING WATER MAINS, AS SPECIFIED, COMPLETE</b>								
A	WITH 8" x 6" TAPPING SLEEVE AND 6" TAPPING VALVE	2	EA	\$2,100.00	\$4,200.00	\$3,500.00	\$7,000.00	\$3,800.00	\$7,600.00
B	WITH 6" x 6" TAPPING SLEEVE AND 6" TAPPING VALVE	2	EA	\$2,000.00	\$4,000.00	\$3,500.00	\$7,000.00	\$3,500.00	\$7,000.00
C	6-INCH DUCTILE IRON PIPE (PRESSURE CLASS 350) (RESTRAINED JOINT)	20	LF	\$30.00	\$600.00	\$20.00	\$400.00	\$25.00	\$500.00
D	6-INCH 90° BEND (RESTRAINED JOINT)	1	EA	\$250.00	\$250.00	\$200.00	\$200.00	\$200.00	\$200.00
45	<b>FOR SOLID ROCK EXCAVATION, AS SPECIFIED, COMPLETE IN PLACE</b>								
A	FOR THE FIRST 25 CY PER PROJECT	25	CY	\$100.00	\$2,500.00	\$100.00	\$2,500.00	\$125.00	\$3,125.00
B	FOR ADDITIONAL ROCK EXCAVATION AFTER THE INITIAL 25 CY PER PROJECT	125	CY	\$80.00	\$10,000.00	\$50.00	\$6,250.00	\$75.00	\$9,375.00

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46	<b>FOR STONE STABILIZATION MATERIAL AS SPECIFIED, COMPLETE IN PLACE</b>			25	TN	\$20.00	\$500.00	\$20.00	\$500.00
47	<b>FOR CUTTING (SAWING) AND REPLACING ALL ASPHALTIC PAVEMENT AS SPECIFIED, COMPLETE IN PLACE</b>								
A	FOR CUTTING (SAWING) ASPHALT/CONCRETE PAVEMENT			20,000	LF	\$1.00	\$20,000.00	\$1.50	\$30,000.00
B	FOR REMOVING AND DISPOSING OF ASPHALT/CONCRETE PAVEMENT								
a	0"-3" DEPTH			2,500	SY	\$0.60	\$1,500.00	\$1.50	\$3,750.00
b	3"-6" DEPTH			3,500	SY	\$1.00	\$3,500.00	\$2.00	\$7,000.00
c	FOR EACH ADDITIONAL 3-INCH DEPTH OF REMOVAL AND DISPOSAL OF ASPHALT/CONCRETE PAVEMENT (will be in addition to item (b) above)			500	SY	\$1.00	\$500.00	\$1.50	\$750.00
C	FOR REPLACING ASPHALT PAVEMENT (INCLUDING 1-2)								
a	6-INCH DEPTH			5,500	SY	\$36.00	\$198,000.00	\$32.00	\$176,000.00
b	8-INCH DEPTH			500	SY	\$46.00	\$23,000.00	\$36.00	\$18,000.00
D	FOR ADDITIONAL 4-INCH DEEP BINDER COURSE ( WILL BE IN ADDITION TO ITEMS C. (a) or (b) above)			250	SY	\$21.00	\$5,250.00	\$8.00	\$2,000.00
E	FOR 1-INCH DEPTH OF 1-2 OVERLAY (Surface Course)			400	SY	\$10.00	\$4,000.00	\$8.00	\$3,200.00
F	FOR REMOVING AND REPLACING ROLL TYPE FULL DEPTH COMPACTED ASPHALT CURBING (hand placed or by machine - contractor's option)			500	LF	\$7.00	\$3,500.00	\$3.00	\$1,500.00
48	<b>FOR CUTTING (SAWING) AND REPLACING CONCRETE DRIVEWAYS AND WALKWAYS, AS SPECIFIED, COMPLETE</b>								
A	FOR CUTTING (SAWING) CONCRETE			150	LF	\$2.50	\$375.00	\$2.90	\$435.00
B	FOR REMOVING & DISPOSING OF CONCRETE								
a	0"-4"DEPTH			50	SY	\$3.00	\$150.00	\$2.50	\$125.00
b	4"-8" DEPTH			50	SY	\$3.00	\$150.00	\$2.50	\$125.00
c	FOR EACH ADDITIONAL 2-INCH DEPTH OF REMOVAL AND DISPOSAL OF CONCRETE (Will be in addition to Item (b) Above)			50	SY	\$2.00	\$100.00	\$2.50	\$125.00
C	FOR REPLACING CONCRETE								
a	4" DEPTH			40	SY	\$35.00	\$1,400.00	\$40.00	\$1,600.00
b	5" DEPTH			20	SY	\$37.00	\$740.00	\$40.00	\$800.00
c	6"DEPTH			100	SY	\$42.00	\$4,200.00	\$40.00	\$4,000.00
d	FOR EACH ADDITIONAL 2-INCH DEPTH OF CONCRETE REPLACEMENT (Will be in addition to Item (b) or (c) Above)			20	SY	\$7.00	\$140.00	\$5.00	\$100.00
49	<b>FOR CUTTING AND REPLACING CONCRETE CURB AND GUTTER, AS SPECIFIED, COMPLETE IN PLACE</b>			150	LF	\$30.00	\$4,500.00	\$25.00	\$3,750.00
50	<b>FOR FURNISHING SELECT BACKFILL MATERIAL, AS SPECIFIED, COMPLETE IN PLACE</b>			2,000	CY	\$25.00	\$50,000.00	\$20.00	\$40,000.00
51	<b>FOR FERTILIZING, SEEDING AND MULCHING, AS SPECIFIED</b>			8,000	SY	\$0.60	\$4,800.00	\$0.75	\$6,000.00
52	<b>FOR REMOVAL/REPLACEMENT OF SOD OR SPECIAL GRASS, AS SPECIFIED, COMPLETE IN PLACE</b>			75	SY	\$5.00	\$375.00	\$5.00	\$375.00
53	<b>FOR CLEARING RIGHT-OF-WAY AND GRUBBING UNDERBRUSH, AS SPECIFIED</b>								
A	CLEARING RIGHT-OF-WAY AND GRUBBING UNDERBRUSH OF ITEMS LESS THAN 6-INCHES IN DIAMETER			100	SY	\$1.00	\$100.00	\$1.00	\$100.00
B	FOR CUTTING AND DISPOSING (OR STACKING) OF TREES, LARGER THAN 6-INCH DIAMETER, AS SPECIFIED								
1	6" - 12" IN DIAMETER			5	EA	\$50.00	\$250.00	\$50.00	\$250.00
2	12" - 18" IN DIAMETER			4	EA	\$100.00	\$400.00	\$50.00	\$200.00
3	18" - 24" IN DIAMETER			2	EA	\$290.00	\$580.00	\$100.00	\$600.00
4	24" - 30" IN DIAMETER			1	EA	\$700.00	\$700.00	\$50.00	\$50.00
5	30" AND LARGER			1	EA	\$1,700.00	\$1,700.00	\$50.00	\$50.00

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<b>54</b>	<b>FOR CONSTRUCTING AND MAINTAINING VARIOUS EROSION CONTROL DEVICES</b>								
A	SILT FENCE	100	LF	\$2.00	\$200.00	\$2.00	\$200.00	\$5.00	\$500.00
B	STONE SILT CHECK DAM	10	EA	\$30.00	\$300.00	\$25.00	\$250.00	\$75.00	\$750.00
C	TEMPORARY INLET PROTECTION	5	EA	\$40.00	\$200.00	\$75.00	\$375.00	\$125.00	\$625.00
D	EROSION CONTROL BLANKET/JUTE NETTING	1,000	SY	\$2.00	\$2,000.00	\$2.00	\$2,000.00	\$3.50	\$3,500.00
<b>55</b>	<b>FOR FURNISHING AND INSTALLING SOFT SHOULDER SIGNS, AS SPECIFIED, COMPLETE IN PLACE</b>			2	EA	\$20.00	\$40.00	\$50.00	\$100.00
<b>56</b>	<b>FOR REPLACING C. A. B. C. STONE OR PIT GRAVEL DRIVES, SHOULDERS, AND ROAD, AS SPECIFIED, COMPLETE</b>			300	SY	\$7.00	\$2,100.00	\$6.00	\$1,800.00
<b>57</b>	<b>FOR LOCATING EXISTING UNDERGROUND UTILITIES, AS SPECIFIED</b>								
A	LOCATING GAS MAINS	50	EA	\$10.00	\$500.00	\$12.00	\$600.00	\$75.00	\$3,750.00
B	LOCATING PHONE (FIBER OPTICS) CABLES	5	EA	\$10.00	\$50.00	\$12.00	\$60.00	\$75.00	\$375.00
C	LOCATING PHONE (NON-FIBER OPTICS) CABLES	15	EA	\$10.00	\$150.00	\$12.00	\$180.00	\$75.00	\$1,125.00
D	LOCATING POWER CABLES	15	EA	\$10.00	\$150.00	\$12.00	\$180.00	\$75.00	\$1,125.00
E	LOCATING CABLE TV CABLES	10	EA	\$10.00	\$100.00	\$12.00	\$120.00	\$75.00	\$750.00
F	LOCATING STORM PIPES	15	EA	\$10.00	\$150.00	\$12.00	\$180.00	\$75.00	\$1,125.00
G	LOCATING WATER MAINS	15	EA	\$10.00	\$150.00	\$12.00	\$180.00	\$75.00	\$1,125.00
H	LOCATING SEWER MAINS	10	EA	\$10.00	\$100.00	\$12.00	\$120.00	\$75.00	\$750.00
<b>58</b>	<b>FOR STORM DRAIN REPLACEMENT, AS SPECIFIED, COMPLETE IN PLACE</b>								
A	FOR REMOVING AND REPLACING STORM DRAIN PIPE (REUSING THE EXISTING PIPE)	200	LF	\$9.00	\$1,800.00	\$6.00	\$1,200.00	\$20.00	\$4,000.00
B	FOR SUBSTITUTING NEW CLASS 3 R.C.P.								
a	18" DIAMETER AND SMALLER	25	LF	\$18.00	\$450.00	\$15.00	\$375.00	\$30.00	\$750.00
b	21" DIAMETER AND LARGER	20	LF	\$28.00	\$560.00	\$18.00	\$360.00	\$40.00	\$800.00
C	FOR SUBSTITUTING NEW CORRUGATED METAL PIPE								
a	18" DIAMETER AND SMALLER	20	LF	\$18.00	\$360.00	\$10.00	\$200.00	\$30.00	\$600.00
b	21" DIAMETER AND LARGER	20	LF	\$28.00	\$560.00	\$10.00	\$200.00	\$40.00	\$800.00
<b>59</b>	<b>FOR CONSTRUCTING NEW JUNCTION BOXES, AS SPECIFIED, AS DIRECTED, COMPLETE IN PLACE</b>			1	EA	\$1,000.00	\$1,000.00	\$500.00	\$500.00
<b>60</b>	<b>FOR MAINTAINING TRAFFIC AS SPECIFIED, COMPLETE IN PLACE</b>								
A	FOR TWO (2) FULL TIME FLAGGERS WITH PADDLE SIGNS	30	DYS	\$230.00	\$6,900.00	\$200.00	\$6,000.00	\$325.00	\$9,750.00
B	FOR REFLECTIVE TRAFFIC CONTROL SIGNS (REGARDLESS OF SIZE)	20	EA	\$12.00	\$240.00	\$35.00	\$700.00	\$30.00	\$600.00
C	FOR REFLECTIVE 28-INCH TALL TRAFFIC CONES	50	EA	\$12.00	\$600.00	\$20.00	\$1,000.00	\$30.00	\$1,500.00
D	FOR REFLECTIVE 36-INCH TALL, 18-INCH DIAMETER NON-METALLIC DRUMS	10	EA	\$12.00	\$120.00	\$30.00	\$300.00	\$40.00	\$400.00
E	FOR REFLECTIVE 36-INCH TALL, 18-INCH DIAMETER NON-METALLIC DRUMS WITH FLASHING WARNING LIGHTS	10	EA	\$20.00	\$200.00	\$35.00	\$350.00	\$40.00	\$400.00
F	FOR REFLECTIVE 8-FEET WIDE TYPE III BARRICADES	2	EA	\$30.00	\$60.00	\$75.00	\$150.00	\$125.00	\$250.00
G	FOR CONCRETE BARRIERS (BORE PITS)	100	LF	\$6.00	\$600.00	\$4.00	\$400.00	\$15.00	\$1,500.00
H	FOR TYPE B (30"X60") FLASHING ARROW PANEL	2	EA	\$370.00	\$740.00	\$400.00	\$800.00	\$750.00	\$1,500.00
I	FOR TRUCK MOUNTED IMPACT ATTENUATOR	1	EA	\$700.00	\$700.00	\$400.00	\$400.00	\$1,200.00	\$1,200.00
<b>61</b>	<b>FOR REPLACEMENT OF EXISTING PAVEMENT MARKING LINES AND PAINTING PAVEMENT MARKINGS AS SPECIFIED AND COMPLETE IN PLACE</b>								
A	4-INCH SOLID WHITE (OR YELLOW) LINE (PAINT)	500	LF	\$1.00	\$500.00	\$0.50	\$250.00	\$5.00	\$2,500.00
B	4-INCH WHITE (OR YELLOW) SKIP LINE (PAINT)	500	LF	\$1.00	\$500.00	\$0.50	\$250.00	\$5.00	\$2,500.00
C	4-INCH SOLID DOUBLE YELLOW LINE (PAINT)	250	LF	\$2.00	\$500.00	\$1.00	\$250.00	\$5.00	\$1,250.00
D	8-INCH SOLID WHITE LINE (PAINT)	100	LF	\$2.00	\$200.00	\$1.00	\$100.00	\$5.00	\$500.00
E	LEFT TURN/RIGHT TURN/STRAIGHT ARROW SYMBOL	2	EA	\$100.00	\$200.00	\$75.00	\$150.00	\$125.00	\$250.00
<b>62</b>	<b>FOR REMOVING AND REPLACING BRICK STRUCTURES (EXCLUDING BRICK), AS SPECIFIED, COMPLETE IN PLACE</b>			25	CF	\$24.00	\$600.00	\$20.00	\$500.00

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63	<b>FOR STONE RIP-RAP (WITHOUT GROUT AND WITHOUT EROSION FABRIC) AS SPECIFIED, COMPLETE IN PLACE</b>	50	SY	\$38.00	\$1,900.00	\$10.00	\$500.00	\$50.00	\$2,500.00
64	<b>FOR SUBSTITUTING NITRILE RUBBER (NBR) PIPE GASKETS, AS SPECIFIED, COMPLETE IN PLACE</b>								
A	4-INCH GASKETS	4	EA	\$7.00	\$28.00	\$6.00	\$24.00	\$100.00	\$400.00
B	6-INCH GASKETS	8	EA	\$9.00	\$72.00	\$8.00	\$64.00	\$125.00	\$1,000.00
C	8-INCH GASKETS	8	EA	\$12.00	\$96.00	\$10.00	\$80.00	\$150.00	\$1,200.00
D	12-INCH GASKETS	8	EA	\$20.00	\$160.00	\$10.00	\$80.00	\$250.00	\$2,000.00
65	<b>FOR REMOVING TROLLEY TRACKS</b>	20	LF	\$100.00	\$2,000.00	\$30.00	\$600.00	\$75.00	\$1,500.00
66	<b>LIQUIDATED DAMAGES \$ -400/DAY</b>	0	DYS	-\$400.00	\$0.00	-\$400.00	\$0.00	-\$400.00	\$0.00
	<b>SUBTOTAL</b>				\$1,416,751.00		\$1,531,828.00		\$1,929,170.00
67	<b>CONTINGENCY ALLOWANCE (10% OF SUB-TOTAL)</b>				\$141,675.10		\$153,182.80		\$192,917.00
	<b>TOTAL BID</b>				\$1,558,426.10		\$1,685,010.80		\$2,122,087.00