

CITY OF RAPID CITY
CONSTRUCTION CHANGE ORDER

PROJECT NAME: WEST CHICAGO STREET RECONSTRUCTION - PHASE III

PROJECT NO: ST00-875

CONTRACTOR: HILLS MATLS. CO., INC.

ORIGINAL CONTRACT AMOUNT: \$1,197,327.90

CHANGE ORDER NO.: 3 & FINAL

DATE: 7-Nov-01

LINE ITEM	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	INSTALLED QUANTITY	INSTALLED PRICE	INCREASE/ (DECREASE)
1	MOBILIZATION	LS	1.00	\$70,000.00	\$70,000.00	1.00	\$70,000.00	\$0.00
2	CLEARING & GRUBBING, 6" +TREE	EA	62.00	\$100.00	\$6,200.00	62.00	\$6,200.00	\$0.00
3	CLEARING & GRUBBING	LS	1.00	\$2,500.00	\$2,500.00	1.00	\$2,500.00	\$0.00
4	10" PVC SEWER MAIN (14'-18')	FT	72.00	\$25.00	\$1,800.00	72.00	\$1,800.00	\$0.00
5	12" PVC SEWER MAIN (6'- 8')	FT	0.00	\$15.00	\$0.00	0.00	\$0.00	\$0.00
6	12" PVC SEWER MAIN (8'-10')	FT	195.00	\$16.00	\$3,120.00	195.00	\$3,120.00	\$0.00
7	12" PVC SEWER MAIN (10'-12')	FT	806.00	\$17.00	\$13,702.00	806.00	\$13,702.00	\$0.00
8	12" PVC SEWER MAIN (12'-14')	FT	0.00	\$19.00	\$0.00	0.00	\$0.00	\$0.00
9	12" PVC SEWER MAIN (14'-16')	FT	0.00	\$23.00	\$0.00	0.00	\$0.00	\$0.00
10	15" PVC SEWER MAIN (12'-14')	FT	118.00	\$23.00	\$2,714.00	118.00	\$2,714.00	\$0.00
11	15" PVC SEWER MAIN (14'-16')	FT	590.00	\$27.00	\$15,930.00	590.00	\$15,930.00	\$0.00
12	4" PVC SERVICE LINE	FT	772.00	\$8.00	\$6,176.00	772.00	\$6,176.00	\$0.00
13	4" PVC CLEANOUT	EA	1.00	\$0.00	\$0.00	1.00	\$0.00	\$0.00
14	10" PVC CLEANOUT	EA	1.00	\$480.00	\$480.00	1.00	\$480.00	\$0.00
15	EXTRA MANHOLE DEPTH, 48" DIA.	V FT	33.70	\$325.00	\$10,952.50	33.70	\$10,952.50	\$0.00
16	STANDARD MANHOLE, 48" DIA.	EA	5.00	\$1,200.00	\$6,000.00	5.00	\$6,000.00	\$0.00
17	60" DIA RCP MANHOLE, IRRIGATION	EA	1.00	\$4,400.00	\$4,400.00	1.00	\$4,400.00	\$0.00
18	CONNECTION TO EXIST. MH.	EA	1.00	\$400.00	\$400.00	1.00	\$400.00	\$0.00
19	15" COUPLING	EA	0.00	\$68.00	\$0.00	0.00	\$0.00	\$0.00
20	REMOVE MANHOLE	EA	4.00	\$200.00	\$800.00	4.00	\$800.00	\$0.00
21	RECONNECT SEWER SERVICE	EA	20.00	\$165.00	\$3,300.00	20.00	\$3,300.00	\$0.00
22	1" COPPER SERVICE	FT	2,066.00	\$12.00	\$24,792.00	2,066.00	\$24,792.00	\$0.00
23	6" PVC WATER MAIN	FT	1,457.00	\$10.50	\$15,298.50	1,457.00	\$15,298.50	\$0.00
24	8" PVC WATER MAIN	FT	2,817.00	\$15.00	\$42,255.00	2,817.00	\$42,255.00	\$0.00
25	1" PVC IRRIGATION LINE	FT	3,880.00	\$0.40	\$1,552.00	3,880.00	\$1,552.00	\$0.00
26	2" PVC IRRIGATION LINE	FT	2,015.00	\$1.00	\$2,015.00	2,015.00	\$2,015.00	\$0.00
27	4" PVC IRRIGATION MAIN LINE COMPLETE	FT	51.00	\$9.50	\$484.50	73.00	\$693.50	\$209.00
28	4" BRONZE ISOLATION VALVE & FITTINGS	EA	3.00	\$50.00	\$150.00	3.00	\$150.00	\$0.00
29	PLAST ISO VALVE BOX W/LOCKCOVER & LABEL	EA	3.00	\$32.00	\$96.00	3.00	\$96.00	\$0.00
30	PLAST ZONE VALVE BOX W/LOCKCOVER & LABEL	EA	25.00	\$32.00	\$800.00	25.00	\$800.00	\$0.00
31	BRONZE QUICK COUPLER BLOW OUT VALVE & FITTINGS	EA	20.00	\$125.00	\$2,500.00	20.00	\$2,500.00	\$0.00
32	SPRINKLER HEADS	EA	194.00	\$37.00	\$7,178.00	194.00	\$7,178.00	\$0.00
33	1" TAPPING SADDLE & CORP. STOP	EA	49.00	\$210.00	\$10,290.00	49.00	\$10,290.00	\$0.00

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34	1" CURB STOP & BOX	EA	48.00	\$245.00	\$11,760.00	48.00	\$11,760.00	\$0.00
35	8" X 4" REDUCER, IRRIGATION	EA	1.00	\$55.00	\$55.00	1.00	\$55.00	\$0.00
36	8" X 6" REDUCER	EA	4.00	\$73.00	\$292.00	5.00	\$365.00	\$73.00
37	6" STANDARD COUPLING	EA	1.00	\$66.00	\$66.00	1.00	\$66.00	\$0.00
38	8" STANDARD COUPLING	EA	4.00	\$79.00	\$316.00	4.00	\$316.00	\$0.00
39	6" X 6" X 6" TEE	EA	1.00	\$210.00	\$210.00	1.00	\$210.00	\$0.00
40	8" X 8" X 8" TEE	EA	3.00	\$156.00	\$468.00	3.00	\$468.00	\$0.00
41	8" X 8" X 6" TEE	EA	6.00	\$129.00	\$774.00	6.00	\$774.00	\$0.00
42	12" X 6" TAPPING SLEEVE, VALVE & BOX	EA	3.00	\$2,360.00	\$7,080.00	3.00	\$7,080.00	\$0.00
43	12" X 8" TAPPING SLEEVE, VALVE & BOX	EA	1.00	\$2,680.00	\$2,680.00	1.00	\$2,680.00	\$0.00
44	8" 90 DEGREE BEND	EA	3.00	\$125.00	\$375.00	3.00	\$375.00	\$0.00
45	8" 22 1/2 DEGREE BEND	EA	5.00	\$110.00	\$550.00	5.00	\$550.00	\$0.00
46	8"X 8" CROSS	EA	2.00	\$308.00	\$616.00	2.00	\$616.00	\$0.00
47	8"X 6" CROSS	EA	3.00	\$293.00	\$879.00	3.00	\$879.00	\$0.00
48	4" GATE VALVE W/ BOX, IRRIGATION	EA	1.00	\$600.00	\$600.00	1.00	\$600.00	\$0.00
49	8" MJ PLUG	EA	2.00	\$57.00	\$114.00	2.00	\$114.00	\$0.00
50	6" GATE VALVE W/ BOX	EA	1.00	\$576.00	\$576.00	1.00	\$576.00	\$0.00
51	8" GATE VALVE W/ BOX	EA	11.00	\$755.00	\$8,305.00	11.00	\$8,305.00	\$0.00
52	FIRE HYDRANT W/AUX. VALVE & LEAD	EA	9.00	\$2,250.00	\$20,250.00	9.00	\$20,250.00	\$0.00
53	ADJUST VALVE BOX	EA	1.00	\$25.00	\$25.00	1.00	\$25.00	\$0.00
54	ABANDON VALVE	EA	4.00	\$25.00	\$100.00	4.00	\$100.00	\$0.00
55	BACKFLOW PREVENTOR ENCLOSURE, IRRIGATION	EA	1.00	\$400.00	\$400.00	1.00	\$400.00	\$0.00
56	BACKFLOW PREVENTOR ASSEMBLY, IRRIGATION	EA	1.00	\$550.00	\$550.00	1.00	\$550.00	\$0.00
57	REMOTE CONTROL VALVE & ASSEMBLY, IRRIGATION	EA	25.00	\$200.00	\$5,000.00	25.00	\$5,000.00	\$0.00
58	IRRIGATION CONTROLLER & PEDESTAL	EA	1.00	\$1,800.00	\$1,800.00	1.00	\$1,800.00	\$0.00
59	RELOCATE FIRE HYDRANT & AUX. VALVE	EA	0.00	\$1,000.00	\$0.00	0.00	\$0.00	\$0.00
60	EXPLORATORY EXCAVATION	HR	3.00	\$50.00	\$150.00	3.00	\$150.00	\$0.00
61	MUCK EXCAVATION (TRENCH)	CY	0.00	\$8.00	\$0.00	0.00	\$0.00	\$0.00
62	PIPELINE INSULATION	S FT	448.00	\$2.50	\$1,120.00	448.00	\$1,120.00	\$0.00
63	PIPE ENCASEMENT	CY	31.00	\$80.00	\$2,480.00	31.00	\$2,480.00	\$0.00
64	TYPE I BEDDING MATERIAL	T	983.03	\$8.50	\$8,355.76	1,080.90	\$9,187.65	\$831.90
65	TYPE II BEDDING MATERIAL	T	0.00	\$7.50	\$0.00	0.00	\$0.00	\$0.00
66	CONTROLLED LOW STRENGTH BACKFILL MATERIAL	CY	9.00	\$50.00	\$450.00	9.00	\$450.00	\$0.00
67	UNCLASSIFIED EXCAVATION	CY	3,400.00	\$5.00	\$17,000.00	3,400.00	\$17,000.00	\$0.00
68	UNCLASSIFIED EXCAVATION, DIGOUTS W/NATIVE MATL.	CY	0.00	\$9.00	\$0.00	0.00	\$0.00	\$0.00
69	UNCLASSIFIED EXCAVATION, DIGOUTS W/SUGAR ROCK	CY	308.50	\$20.00	\$6,170.00	308.50	\$6,170.00	\$0.00
70	UNDERCUT EXCAVATION	CY	530.00	\$4.00	\$2,120.00	530.00	\$2,120.00	\$0.00
71	WATER FOR EMBANKMENT	M GAL	0.00	\$5.00	\$0.00	0.00	\$0.00	\$0.00
72	WATER FOR DUST CONTROL	M GAL	72.00	\$17.50	\$1,260.00	72.00	\$1,260.00	\$0.00
73	AASHTO T-180 SOIL TEST	EA	4.00	\$30.00	\$120.00	6.00	\$180.00	\$60.00
74	FURNISH & PLACE TOPSOIL	CY	850.00	\$10.00	\$8,500.00	850.00	\$8,500.00	\$0.00
75	ASPHALT PAVEMENT SAWING	FT	1,194.00	\$1.25	\$1,492.50	1,194.00	\$1,492.50	\$0.00
76	REMOVE & DISPOSE ASPHALT PAVEMENT	SY	14,104.00	\$1.00	\$14,104.00	14,104.00	\$14,104.00	\$0.00
77	REMOVE & DISPOSE CONCRETE APPROACH PAVEMENT	S FT	305.00	\$0.70	\$213.50	305.00	\$213.50	\$0.00

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78	REMOVE & DISPOSE CONCRETE CURB & GUTTER	FT	7,660.00	\$1.60	\$12,256.00	7,660.00	\$12,256.00	\$0.00
79	REMOVE & DISPOSE CONCRETE SIDEWALK	SY	420.00	\$5.50	\$2,310.00	420.00	\$2,310.00	\$0.00
80	AGGREGATE BASE COURSE	T	5,380.36	\$8.25	\$44,387.97	5,509.74	\$45,455.36	\$1,067.39
81	GRAVEL SURFACING	T	428.91	\$11.25	\$4,825.24	428.91	\$4,825.24	\$0.00
82	ASPHALT COMPACTION TESTS	EA	11.00	\$30.00	\$330.00	14.00	\$420.00	\$90.00
83	ASPHALT CONCRETE, CLASS G, TYPE 1	T	533.51	\$35.00	\$18,672.85	533.51	\$18,672.85	\$0.00
84	ASPHALT CONCRETE, CLASS G, TYPE 2	T	308.47	\$38.00	\$11,721.86	314.47	\$11,949.86	\$228.00
85	BITUMINOUS TACK COAT	GAL	48.00	\$12.00	\$576.00	44.60	\$535.20	(\$40.80)
86	FLUSH SEAL	SY	1,000.00	\$0.30	\$300.00	0.00	\$0.00	(\$300.00)
87	CONCRETE APPROACH PAVEMENT, 6"	SY	876.38	\$39.50	\$34,617.01	876.38	\$34,617.01	\$0.00
88	INSTALL STEEL BAR IN CONCRETE	EA	42.00	\$14.00	\$588.00	42.00	\$588.00	\$0.00
89	PCC PAVEMENT, 9", NONREINFORCED	SY	13,033.00	\$26.60	\$346,677.80	13,033.00	\$346,677.80	\$0.00
90	CONCRETE CURB & GUTTER, TYPE B69	FT	6,600.80	\$10.90	\$71,948.72	6,660.80	\$72,602.72	\$654.00
91	CONCRETE FILLET & PAN (REINFRCD), 9"	SY	520.20	\$52.50	\$27,310.50	520.20	\$27,310.50	\$0.00
92	CONCRETE "P9" GUTTER	FT	674.80	\$10.70	\$7,220.36	674.80	\$7,220.36	\$0.00
93	CONCRETE SIDEWALK, 4"	S FT	5,477.40	\$3.10	\$16,979.94	5,650.40	\$17,516.24	\$536.30
94	CONCRETE SIDEWALK ACCESS RAMP	S FT	785.60	\$3.30	\$2,592.48	785.60	\$2,592.48	\$0.00
95	CONCRETE TEST SET	EA	23.00	\$110.00	\$2,530.00	23.00	\$2,530.00	\$0.00
96	18" CSP SLOTTED DRAIN, 14 GA.	FT	40.00	\$55.00	\$2,200.00	40.00	\$2,200.00	\$0.00
97	18" RCP, CLASS II	FT	1,346.00	\$24.00	\$32,304.00	1,252.00	\$30,048.00	(\$2,256.00)
98	24" RCP, CLASS II	FT	552.00	\$32.50	\$17,940.00	458.00	\$14,885.00	(\$3,055.00)
99	18"X18"X18" RCP TEE	EA	7.00	\$450.00	\$3,150.00	7.00	\$3,150.00	\$0.00
100	24"X24"X18" RCP TEE	EA	6.00	\$500.00	\$3,000.00	6.00	\$3,000.00	\$0.00
101	TYPE "B" INLET W/VANED GRATE	EA	28.00	\$1,500.00	\$42,000.00	26.00	\$39,000.00	(\$3,000.00)
102	18"X18" RCP TEE MANHOLE (INCL MANHOLE FRAME, LID & RINGS, COMPLETE)	EA	3.00	\$1,100.00	\$3,300.00	3.00	\$3,300.00	\$0.00
103	24"X24" RCP TEE MANHOLE (INCL MANHOLE FRAME, LID & RINGS, COMPLETE)	EA	2.00	\$1,200.00	\$2,400.00	2.00	\$2,400.00	\$0.00
104	48"X48" RCP MANHOLE (INCL MANHOLE FRAME, LID & RINGS, COMPLETE)	EA	1.00	\$1,500.00	\$1,500.00	1.00	\$1,500.00	\$0.00
105	FOOTING, 2' DIA.	EA	6.00	\$450.00	\$2,700.00	6.00	\$2,700.00	\$0.00
106	SOLAR POWERED SCHOOL ZONE FLASHING UNIT, COMPLETE	EA	4.00	\$5,000.00	\$20,000.00	4.00	\$20,000.00	\$0.00
107	SODDING	SY	6,387.00	\$2.80	\$17,883.60	6,721.00	\$18,818.80	\$935.20
108	WATER FOR SOD AND/OR PLANTS	M GAL	40.00	\$7.35	\$294.00	72.00	\$529.20	\$235.20
109	2-2.5 CAL. SPRING SNOW CRAB	EA	97.00	\$210.00	\$20,370.00	100.00	\$21,000.00	\$630.00
110	1-1/2" CONDUIT, PVC	FT	2,560.00	\$3.20	\$8,192.00	2,470.00	\$7,904.00	(\$288.00)
111	2" CONDUIT, PVC	FT	235.00	\$5.60	\$1,316.00	50.00	\$280.00	(\$1,036.00)
112	3" CONDUIT, PVC	FT	2,294.50	\$6.70	\$15,373.15	2,294.50	\$15,373.15	\$0.00
113	4" CONDUIT, PVC	FT	235.00	\$5.60	\$1,316.00	0.00	\$0.00	(\$1,316.00)
114	6" CONDUIT, PVC	FT	100.00	\$11.90	\$1,190.00	100.00	\$1,190.00	\$0.00
115	18" DIA JUNCTION BOX	EA	10.00	\$300.00	\$3,000.00	10.00	\$3,000.00	\$0.00
116	24" DIA JUNCTION BOX	EA	5.00	\$350.00	\$1,750.00	5.00	\$1,750.00	\$0.00
117	COLD PLAST. MARKING, 4"	FT	4,070.00	\$3.15	\$12,820.50	4,070.00	\$12,820.50	\$0.00
118	COLD PLAST. MARKING, 12"	FT	251.00	\$8.50	\$2,133.50	251.00	\$2,133.50	\$0.00
119	COLD PLAST. MARKING, 24"	FT	409.00	\$12.90	\$5,276.10	424.00	\$5,469.60	\$193.50
120	COLD PLAST. MARKING, ARROW	EA	11.00	\$235.00	\$2,585.00	11.00	\$2,585.00	\$0.00
121	COLD PLAST. MARKING, MESSAGE	WORD	3.00	\$235.00	\$705.00	3.00	\$705.00	\$0.00

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122	FLAGGING	HR	200.00	\$16.00	\$3,200.00	92.00	\$1,472.00	(\$1,728.00)
123	HIGH VISIBILITY SCHOOL XING	EA	4.00	\$2,000.00	\$8,000.00	4.00	\$8,000.00	\$0.00
124	PAVEMENT MARKING PAINT, 4" WHITE	GAL	15.00	\$18.00	\$270.00	76.00	\$1,368.00	\$1,098.00
125	PAVEMENT MARKING PAINT, 4" YELLOW	GAL	35.00	\$20.00	\$700.00	86.00	\$1,720.00	\$1,020.00
126	STREET SIGNS	EA	55.00	\$100.00	\$5,500.00	55.00	\$5,500.00	\$0.00
127	TRAFFIC CONTROL	LS	1.00	\$26,000.00	\$26,000.00	1.00	\$26,000.00	\$0.00
128	INCIDENTAL WORK	LS	1.00	\$10,000.00	\$10,000.00	1.00	\$10,000.00	\$0.00
129	CONTRACTOR FURNISHED STAKING	LS	1.00	\$15,300.00	\$15,300.00	1.00	\$15,300.00	\$0.00
130	3 1/2 CAL. PATMORE ASH	EA	1.00	\$871.72	\$871.72	1.00	\$871.72	\$0.00
131	EXTRA HAUL, TOPSOIL	HR	35.00	\$50.00	\$1,750.00	35.00	\$1,750.00	\$0.00
132	ADDITIONAL ONE WAY SIGNS	EA	7.00	\$57.30	\$401.10	7.00	\$401.10	\$0.00
133	RELOCATE FLASHER UNITS	EA	2.00	\$382.66	\$765.32	2.00	\$765.32	\$0.00
134	REPL. SOLAR FLASHERS WITH ELECTRICAL POWERED UNITS	LS	0.00	\$10,969.41	\$0.00	1	\$10,969.41	\$10,969.41
135	REPLACEMENT SOD EAST SECTIONS	SY	0.00	\$2.80	\$0.00	2555	\$7,154.00	\$7,154.00
136	SOIL PREPARATION FOR SOD, EAST SECTIONS	LS	0.00	\$13,531.28	\$0.00	1	\$13,531.28	\$13,531.28
137	REPLACE STREET NAME SIGNS	EA	0.00	\$102.04	\$0.00	3	\$306.12	\$306.12
138	CONSTRUCT TYPE C RETAINING WALL	LF	0.00	\$126.90	\$0.00	34.75	\$4,409.78	\$4,409.78
139	ADDITIONAL PERMANENT SCHOOL ZONE SIGNS	EA	0.00	\$313.71	\$0.00	4	\$1,254.84	\$1,254.84
140	ADDITIONAL TEMPORARY 4-WAY STOP SIGNS	EA	0.00	\$311.47	\$0.00	4	\$1,245.88	\$1,245.88
141	IRRIGATION SYSTEM ELECTRICAL REVISIONS	LS	0.00	\$1,131.51	\$0.00	1	\$1,131.51	\$1,131.51
142	ADDITIONAL FDP MARKERS	EA	0.00	\$43.37	\$0.00	10	\$433.70	\$433.70
143	LIQUIDATED DAMAGES	DAY	0.00	(\$800.00)	\$0.00	3	(\$2,400.00)	(\$2,400.00)
	END BID ITEMS							
	TOTAL				\$1,286,563.97		\$1,319,442.17	\$32,878.20

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$1,286,563.97
CCO #1	\$6,961.72	NET INCREASE/(DECREASE):	\$32,878.20
CCO #2	\$82,274.35		
CCO #3 & FINAL	\$32,878.20	ADJUSTED CONTRACT PRICE:	\$1,319,442.17
PRIOR TOTAL =	\$1,204,289.62	CHANGE TO DATE:	\$122,114.27

CONTRACTOR: _____ FOR HILLS MATERIALS CO., INC.	DATE: _____
ENGINEER: _____ JOE JAGODZINSKI, PE	DATE: 7 NOVEMBER, 2001
MAYOR: _____	DATE: _____
FINANCE: _____	DATE: _____
CONTRACT TIME CHANGE +/-: +33 NEW CONTRACT TIME: 181 Calendar Days	

CITY OF RAPID CITY
CONSTRUCTION CHANGE ORDER

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LINE ITEM	DESCRIPTION	REASON FOR CHANGE
1	MOBILIZATION	NO CHANGE
2	CLEARING & GRUBBING, 6" +TREE	MEASURED QUANTITY
3	CLEARING & GRUBBING	NO CHANGE
4	10" PVC SEWER MAIN (14'-18')	MEASURED QUANTITY
5	12" PVC SEWER MAIN (6'- 8')	MEASURED QUANTITY
6	12" PVC SEWER MAIN (8'-10')	MEASURED QUANTITY
7	12" PVC SEWER MAIN (10'-12')	MEASURED QUANTITY
8	12" PVC SEWER MAIN (12'-14')	MEASURED QUANTITY
9	12" PVC SEWER MAIN (14'-16')	MEASURED QUANTITY
10	15" PVC SEWER MAIN (12'-14')	MEASURED QUANTITY
11	15" PVC SEWER MAIN (14'-16')	MEASURED QUANTITY
12	4" PVC SERVICE LINE	MEASURED QUANTITY
13	4" PVC CLEANOUT	MEASURED QUANTITY
14	10" PVC CLEANOUT	MEASURED QUANTITY
15	EXTRA MANHOLE DEPTH, 48" DIA.	MEASURED QUANTITY
16	STANDARD MANHOLE, 48" DIA.	MEASURED QUANTITY
17	60" DIA RCP MANHOLE, IRRIGATION	MEASURED QUANTITY
18	CONNECTION TO EXIST. MH.	MEASURED QUANTITY
19	15" COUPLING	MEASURED QUANTITY
20	REMOVE MANHOLE	MEASURED QUANTITY
21	RECONNECT SEWER SERVICE	MEASURED QUANTITY
22	1" COPPER SERVICE	MEASURED QUANTITY
23	6" PVC WATER MAIN	MEASURED QUANTITY

24	8" PVC WATER MAIN	MEASURED QUANTITY
25	1" PVC IRRIGATION LINE	MEASURED QUANTITY
26	2" PVC IRRIGATION LINE	MEASURED QUANTITY
27	4" PVC IRRIGATION MAIN LINE COMPLETE	MEASURED QUANTITY
28	4" BRONZE ISOLATION VALVE & FITTINGS	MEASURED QUANTITY
29	PLAST ISO VALVE BOX W/LOCKCOVER & LABEL	MEASURED QUANTITY
30	PLAST ZONE VALVE BOX W/LOCKCOVER & LABEL	MEASURED QUANTITY
31	BRONZE QUICK COUPLER BLOW OUT VALVE & FITTINGS	MEASURED QUANTITY
32	SPRINKLER HEADS	MEASURED QUANTITY
33	1" TAPPING SADDLE & CORP. STOP	MEASURED QUANTITY
34	1" CURB STOP & BOX	MEASURED QUANTITY
35	8" X 4" REDUCER, IRRIGATION	MEASURED QUANTITY
36	8" X 6" REDUCER	MEASURED QUANTITY
37	6" STANDARD COUPLING	MEASURED QUANTITY
38	8" STANDARD COUPLING	MEASURED QUANTITY
39	6" X 6" X 6" TEE	MEASURED QUANTITY
40	8" X 8" X 8" TEE	MEASURED QUANTITY
41	8" X 8" X 6" TEE	MEASURED QUANTITY
42	12" X 6" TAPPING SLEEVE, VALVE & BOX	MEASURED QUANTITY
43	12" X 8" TAPPING SLEEVE, VALVE & BOX	MEASURED QUANTITY
44	8" 90 DEGREE BEND	MEASURED QUANTITY
45	8" 22 1/2 DEGREE BEND	MEASURED QUANTITY
46	8"X 8" CROSS	MEASURED QUANTITY
47	8"X 6" CROSS	MEASURED QUANTITY
48	4" GATE VALVE W/ BOX, IRRIGATION	MEASURED QUANTITY
49	8" MJ PLUG	MEASURED QUANTITY
50	6" GATE VALVE W/ BOX	MEASURED QUANTITY
51	8" GATE VALVE W/ BOX	MEASURED QUANTITY
52	FIRE HYDRANT W/AUX. VALVE & LEAD	MEASURED QUANTITY
53	ADJUST VALVE BOX	MEASURED QUANTITY
54	ABANDON VALVE	DELETED ITEM
55	BACKFLOW PREVENTOR ENCLOSURE, IRRIGATION	MEASURED QUANTITY

56	BACKFLOW PREVENTOR ASSEMBLY, IRRIGATION	MEASURED QUANTITY
57	REMOTE CONTROL VALVE & ASSEMBLY, IRRIGATION	MEASURED QUANTITY
58	IRRIGATION CONTROLLER & PEDESTAL	MEASURED QUANTITY
59	RELOCATE FIRE HYDRANT & AUX. VALVE	DELETED ITEM
60	EXPLORATORY EXCAVATION	MEASURED QUANTITY
61	MUCK EXCAVATION (TRENCH)	NONE USED
62	PIPELINE INSULATION	MEASURED QUANTITY
63	PIPE ENCASEMENT	MEASURED QUANTITY
64	TYPE I BEDDING MATERIAL	MEASURED QUANTITY
65	TYPE II BEDDING MATERIAL	NONE USED
66	CONTROLLED LOW STRENGTH BACKFILL MATERIAL	MEASURED QUANTITY
67	UNCLASSIFIED EXCAVATION	MEASURED QUANTITY
68	UNCLASSIFIED EXCAVATION, DIGOUTS W/NATIVE MATL.	MEASURED QUANTITY
69	UNCLASSIFIED EXCAVATION, DIGOUTS W/SUGAR ROCK	NONE USED
70	UNDERCUT EXCAVATION	MEASURED QUANTITY
71	WATER FOR EMBANKMENT	NONE USED
72	WATER FOR DUST CONTROL	MEASURED QUANTITY
73	AASHTO T-180 SOIL TEST	MEASURED QUANTITY
74	FURNISH & PLACE TOPSOIL	MEASURED QUANTITY
75	ASPHALT PAVEMENT SAWING	MEASURED QUANTITY
76	REMOVE & DISPOSE ASPHALT PAVEMENT	MEASURED QUANTITY
77	REMOVE & DISPOSE CONCRETE APPROACH PAVEMENT	MEASURED QUANTITY
78	REMOVE & DISPOSE CONCRETE CURB & GUTTER	MEASURED QUANTITY
79	REMOVE & DISPOSE CONCRETE SIDEWALK	MEASURED QUANTITY
80	AGGREGATE BASE COURSE	MEASURED QUANTITY
81	GRAVEL SURFACING	MEASURED QUANTITY
82	ASPHALT COMPACTION TESTS	MEASURED QUANTITY
83	ASPHALT CONCRETE, CLASS G, TYPE 1	MEASURED QUANTITY
84	ASPHALT CONCRETE, CLASS G, TYPE 2	MEASURED QUANTITY
85	BITUMINOUS TACK COAT	NONE USED
86	FLUSH SEAL	MEASURED QUANTITY
87	CONCRETE APPROACH PAVEMENT, 6"	MEASURED QUANTITY

88	INSTALL STEEL BAR IN CONCRETE	MEASURED QUANTITY
89	PCC PAVEMENT, 9", NONREINFORCED	MEASURED QUANTITY
90	CONCRETE CURB & GUTTER, TYPE B69	MEASURED QUANTITY
91	CONCRETE FILLET & PAN (REINFRCD), 9"	MEASURED QUANTITY
92	CONCRETE "P9" GUTTER	MEASURED QUANTITY
93	CONCRETE SIDEWALK, 4"	MEASURED QUANTITY
94	CONCRETE SIDEWALK ACCESS RAMP	MEASURED QUANTITY
95	CONCRETE TEST SET	MEASURED QUANTITY
96	18" CSP SLOTTED DRAIN, 14 GA.	MEASURED QUANTITY
97	18" RCP, CLASS II	MEASURED QUANTITY
98	24" RCP, CLASS II	MEASURED QUANTITY
99	18"X18"X18" RCP TEE	MEASURED QUANTITY
100	24"X24"X18" RCP TEE	MEASURED QUANTITY
101	TYPE "B" INLET W/VANED GRATE	MEASURED QUANTITY
102	18"X18" RCP TEE MANHOLE (INCL MANHOLE FRAME, LID & RINGS, COMPLETE)	MEASURED QUANTITY
103	24"X24" RCP TEE MANHOLE (INCL MANHOLE FRAME, LID & RINGS, COMPLETE)	MEASURED QUANTITY
104	48"X48" RCP MANHOLE (INCL MANHOLE FRAME, LID & RINGS, COMPLETE)	MEASURED QUANTITY
105	FOOTING, 2' DIA.	MEASURED QUANTITY
106	SOLAR POWERED SCHOOL ZONE FLASHING UNIT, COMPLETE	MEASURED QUANTITY
107	SODDING	ADDED QUANTITY FOR DAMAGED EAST SECTION SOD
108	WATER FOR SOD AND/OR PLANTS	ADDED QUANTITY FOR DAMAGED EAST SECTION SOD
109	2-2.5 CAL. SPRING SNOW CRAB	MEASURED QUANTITY
110	1-1/2" CONDUIT, PVC	MEASURED QUANTITY
111	2" CONDUIT, PVC	MEASURED QUANTITY
112	3" CONDUIT, PVC	MEASURED QUANTITY
113	4" CONDUIT, PVC	MEASURED QUANTITY
114	6" CONDUIT, PVC	MEASURED QUANTITY
115	18" DIA JUNCTION BOX	MEASURED QUANTITY
116	24" DIA JUNCTION BOX	MEASURED QUANTITY
117	COLD PLAST. MARKING, 4"	MEASURED QUANTITY
118	COLD PLAST. MARKING, 12"	MEASURED QUANTITY
119	COLD PLAST. MARKING, 24"	MEASURED QUANTITY

120	COLD PLAST. MARKING, ARROW	MEASURED QUANTITY
121	COLD PLAST. MARKING, MESSAGE	MEASURED QUANTITY
122	FLAGGING	MEASURED QUANTITY
123	HIGH VISIBILITY SCHOOL XING	MEASURED QUANTITY
124	PAVEMENT MARKING PAINT, 4" WHITE	MEASURED QUANTITY, INCREASE DUE TO WINTER PAINT
125	PAVEMENT MARKING PAINT, 4" YELLOW	MEASURED QUANTITY, INCREASE DUE TO WINTER PAINT
126	STREET SIGNS	MEASURED QUANTITY
127	TRAFFIC CONTROL	MEASURED QUANTITY
128	INCIDENTAL WORK	MEASURED QUANTITY
129	CONTRACTOR FURNISHED STAKING	MEASURED QUANTITY
130	3 1/2 CAL. PATMORE ASH	MEASURED QUANTITY
131	EXTRA HAUL, TOPSOIL	MEASURED QUANTITY
132	ADDITIONAL ONE WAY SIGNS	MEASURED QUANTITY
133	RELOCATE FLASHER UNITS	MEASURED QUANTITY
134	REPL. SOLAR FLASHERS WITH ELECTRICAL POWERED UNITS	RELOCATED BECAUSE OF EMP INTERFERANCE FROM OVERHEAD POWER
135	REPLACEMENT SOD EAST SECTIONS	RELOCATED SOD DAMAGED BY POWER COMPANY
136	SOIL PREPARATION FOR SOD, EAST SECTIONS	RELOCATED SOD DAMAGED BY POWER COMPANY
137	REPLACE STREET NAME SIGNS	RELOCATED SIGNS INCORRECTLY LABELED ON PLANS
138	CONSTRUCT TYPE C RETAINING WALL	NEW ITEM TO LOWER GRADE OF SIDEWALK AT INTERSECTION
139	ADDITIONAL PERMANENT SCHOOL ZONE SIGNS	REQUESTED BY TRAFFIC
140	ADDITIONAL TEMPORARY 4-WAY STOP SIGNS	ADDED TO FACILITATE/DIRECT TRAFFIC FLOW AT 44TH ST. INTERSECTION
141	IRRIGATION SYSTEM ELECTRICAL REVISIONS	REVISED ELECTRICAL FEED LOCATION PER BHP&L SERVICE LOCATION
142	ADDITIONAL FDP MARKERS	ADDED TO FACILITATE/DIRECT TRAFFIC FLOW AT 44TH ST. INTERSECTION
143	LIQUIDATED DAMAGES	CONTRACTOR EXCEEDED CONTRACT CALENDAR TIME LIMIT