

**CITY OF RAPID CITY  
CONSTRUCTION CHANGE ORDER**

PROJECT NAME: WEST BOULEVARD RECONSTRUCTION, SOUTH STREET TO ST. JAMES STREET

PROJECT NO: ST01-985

CONTRACTOR: HEAVY CONSTRUCTORS, INC.

ORIGINAL CONTRACT AMOUNT: \$1,038,834.37

CHANGE ORDER NO.: 1 &amp; FINAL

DATE: 13 AUGUST, 2002

LINE ITEM	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	INSTALLED QUANTITY	INSTALLED PRICE	INCREASE/ (DECREASE)
1	CONSTRUCTION STAKING (CONTRACTOR FURNISHED)	LS	1	\$20,300.00	\$20,300.00	1.00	\$20,300.00	\$0.00
2	MOBILIZATION	LS	1	\$40,000.00	\$40,000.00	1.00	\$40,000.00	\$0.00
3	INCIDENTAL WORK	LS	1	\$4,125.00	\$4,125.00	1.00	\$4,125.00	\$0.00
4	TRAFFIC CONTROL	LS	1	\$11,350.00	\$11,350.00	1.00	\$11,350.00	\$0.00
5	CLEARING & GRUBBING, 6" +TREE	EA	18	\$416.00	\$7,488.00	16.00	\$6,656.00	(\$832.00)
6	CLEARING & GRUBBING	LS	1	\$2,700.00	\$2,700.00	1.00	\$2,700.00	\$0.00
7	FIRE HYDRANT W/AUX VALVE & LEAD	EA	8	\$2,110.00	\$16,880.00	8.00	\$16,880.00	\$0.00
8	BACKFLOW PREVENTOR & METER ENCLOSURE	EA	1	\$6,000.00	\$6,000.00	1.00	\$6,000.00	\$0.00
9	CONNECT TO EXISTING WATER MAIN	EA	5	\$550.00	\$2,750.00	6.00	\$3,300.00	\$550.00
10	RECONNECT WATER SERVICE LINE	EA	29	\$225.00	\$6,525.00	36.00	\$8,100.00	\$1,575.00
11	WATER MAIN ENCASEMENT	EA	5	\$435.00	\$2,175.00	5.00	\$2,175.00	\$0.00
12	WATER SERVICE ADJUSTMENT	EA	20	\$162.00	\$3,240.00	0.00	\$0.00	(\$3,240.00)
13	25 MM COPPER SERVICE	M	379	\$47.00	\$17,813.00	429.58	\$20,190.26	\$2,377.26
14	38 MM COPPER SERVICE	M	14	\$51.00	\$714.00	0.00	\$0.00	(\$714.00)
15	50 MM COPPER SERVICE	M	14	\$57.00	\$798.00	0.00	\$0.00	(\$798.00)
16	100 MM PVC WATER SERVICE	M	12	\$41.00	\$492.00	18.18	\$745.38	\$253.38
17	150 MM PVC WATER MAIN	M	1030	\$44.30	\$45,629.00	1,199.98	\$53,159.11	\$7,530.11
18	100 MM PVC SLEEVE	M	80	\$16.40	\$1,312.00	95.96	\$1,573.74	\$261.74
19	25 MM PVC IRRIGATION LINE	M	452	\$2.25	\$1,017.00	452.00	\$1,017.00	\$0.00
20	38 MM PVC IRRIGATION LINE	M	470	\$5.00	\$2,350.00	470.00	\$2,350.00	\$0.00
21	50 MM PVC IRRIGATION LINE	M	217	\$7.00	\$1,519.00	217.00	\$1,519.00	\$0.00
22	65 MM PVC IRRIGATION LINE	M	511	\$7.25	\$3,704.75	511.00	\$3,704.75	\$0.00
23	75 MM PVC IRRIGATION LINE	M	49	\$12.75	\$624.75	49.00	\$624.75	\$0.00
24	25 MM TAPPING SADDLE & CORP. STOP	EA	27	\$156.00	\$4,212.00	36.00	\$5,616.00	\$1,404.00
25	38 MM TAPPING SADDLE & CORP. STOP	EA	1	\$285.00	\$285.00	0.00	\$0.00	(\$285.00)
26	50 MM TAPPING SADDLE & CORP. STOP	EA	1	\$300.00	\$300.00	0.00	\$0.00	(\$300.00)
27	25 MM CURB STOP & BOX	EA	27	\$200.00	\$5,400.00	33.00	\$6,600.00	\$1,200.00
28	38 MM CURB STOP & BOX	EA	1	\$290.00	\$290.00	0.00	\$0.00	(\$290.00)
29	50 MM CURB STOP & BOX	EA	1	\$325.00	\$325.00	0.00	\$0.00	(\$325.00)
30	150 MM X 100 MM REDUCER	EA	2	\$155.00	\$310.00	2.00	\$310.00	\$0.00
31	100 MM STANDARD COUPLING	EA	2	\$155.00	\$310.00	5.00	\$775.00	\$465.00
32	150 MM STANDARD COUPLING	EA	3	\$180.00	\$540.00	3.00	\$540.00	\$0.00
33	150 MM X 150 MM X 100 MM TEE	EA	1	\$310.00	\$310.00	1.00	\$310.00	\$0.00
34	150 MM X 150 MM X 150 MM TEE	EA	14	\$290.00	\$4,060.00	12.00	\$3,480.00	(\$580.00)
35	150 MM X 150 MM CROSS	EA	3	\$475.00	\$1,425.00	9.00	\$4,275.00	\$2,850.00

**No. PW082702-01**

36	100 MM MJ PLUG	EA	1	\$100.00	\$100.00	4.00	\$400.00	\$300.00
37	150 MM MJ PLUG	EA	1	\$120.00	\$120.00	6.00	\$720.00	\$600.00
38	100 MM GATE VALVE W/ BOX	EA	1	\$540.00	\$540.00	1.00	\$540.00	\$0.00
39	150 MM GATE VALVE W/ BOX	EA	24	\$615.00	\$14,760.00	32.00	\$19,680.00	\$4,920.00
40	150 MM 22.5 DEGREE BEND	EA	2	\$207.00	\$414.00	0.00	\$0.00	(\$414.00)
41	150 MM 45 DEGREE BEND	EA	8	\$207.00	\$1,656.00	12.00	\$2,484.00	\$828.00
42	150 MM 90 DEGREE BEND	EA	1	\$215.00	\$215.00	6.00	\$1,290.00	\$1,075.00
43	IRRIGATION CONTROLLER	EA	1	\$1,275.00	\$1,275.00	1.00	\$1,275.00	\$0.00
44	65 MM ISOLATION GATE VALVE	EA	3	\$24.50	\$73.50	3.00	\$73.50	\$0.00
45	65 MM QUICK COUPLER VALVE	EA	5	\$205.00	\$1,025.00	5.00	\$1,025.00	\$0.00
46	WATER FOR SOD AND/OR PLANTS	M GAL	100	\$43.25	\$4,325.00	26.50	\$1,146.13	(\$3,178.88)
47	IRRIGATION HEAD (S700-PC-6, 0-FA)	EA	96	\$80.00	\$7,680.00	96.00	\$7,680.00	\$0.00
48	IRRIGATION HEAD (V-1550-4CF)	EA	59	\$54.25	\$3,200.75	59.00	\$3,200.75	\$0.00
49	SODDING	SM	5520.8	\$3.50	\$19,322.80	8,547.08	\$29,914.78	\$10,591.98
50	65 MM CONTROLLER VALVE	EA	12	\$480.00	\$5,760.00	12.00	\$5,760.00	\$0.00
51	MUCK EXCAVATION (TRENCH)	CM	300	\$10.80	\$3,240.00	0.00	\$0.00	(\$3,240.00)
52	CONTROLLED LOW STRENGTH MATERIAL	CM	100	\$83.00	\$8,300.00	12.24	\$1,015.92	(\$7,284.08)
53	TYPE I GRANULAR BACKFILL	MT	200	\$14.00	\$2,800.00	858.51	\$12,019.14	\$9,219.14
54	TYPE II GRANULAR BACKFILL	MT	200	\$13.00	\$2,600.00	0.00	\$0.00	(\$2,600.00)
55	TYPE III GRANULAR BACKFILL	MT	200	\$14.00	\$2,800.00	0.00	\$0.00	(\$2,800.00)
56	PIPELINE INSULATION	SM	30	\$10.00	\$300.00	40.12	\$401.20	\$101.20
57	ADJUST VALVE BOX	EA	2	\$100.00	\$200.00	0.00	\$0.00	(\$200.00)
58	REMOVE DROP INLET	EA	20	\$270.00	\$5,400.00	20.00	\$5,400.00	\$0.00
59	WATER FOR EMBANKMENT	M GAL	100	\$27.00	\$2,700.00	0.00	\$0.00	(\$2,700.00)
60	WATER FOR DUST CONTROL	M GAL	100	\$27.00	\$2,700.00	32.00	\$864.00	(\$1,836.00)
61	AASHTO T-180 SOIL TEST	EA	4	\$165.00	\$660.00	2.00	\$330.00	(\$330.00)
62	EXCAVATION, UNCLASSIFIED-DIGOUTS	CM	1990	\$6.50	\$12,935.00	266.27	\$1,730.76	(\$11,204.25)
63	EXCAVATION, UNCLASSIFIED	CM	5639	\$5.50	\$31,014.50	5,638.90	\$31,013.95	(\$0.55)
64	TOPSOIL, FURNISH & PLACE	CM	125	\$26.85	\$3,356.25	289.60	\$7,775.76	\$4,419.51
65	REMOVE MANHOLE (WATER)	EA	3	\$325.00	\$975.00	3.00	\$975.00	\$0.00
66	SAWING, ASPHALT PAVEMENT	M	143.7	\$6.50	\$934.05	162.20	\$1,054.30	\$120.25
67	SAWING, CONCRETE PAVEMENT	M	91.6	\$7.85	\$719.06	34.10	\$267.69	(\$451.38)
68	REMOVE ASPHALT PAVEMENT	SM	6841.9	\$3.80	\$25,999.22	6,841.35	\$25,997.13	(\$2.09)
69	REMOVE CONCRETE CURB & GUTTER	M	1897.7	\$7.15	\$13,568.56	3,143.80	\$22,478.17	\$8,909.62
70	REMOVE CONCRETE DRIVEWAY PAVEMENT	SM	395.6	\$6.90	\$2,729.64	421.04	\$2,905.18	\$175.54
71	REMOVE CONCRETE SIDEWALK	SM	194.2	\$10.80	\$2,097.36	308.63	\$3,333.20	\$1,235.84
72	REMOVE PIPE CULVERT	M	353.5	\$17.30	\$6,115.55	353.30	\$6,112.09	(\$3.46)
73	REMOVE CONCRETE GUTTER	M	69.6	\$7.15	\$497.64	15.00	\$107.25	(\$390.39)
74	ASPHALT COMPACTION TESTS	EA	20	\$75.60	\$1,512.00	24.00	\$1,814.40	\$302.40
75	CONCRETE TEST SET	EA	15	\$115.00	\$1,725.00	11.00	\$1,265.00	(\$460.00)
76	AGGREGATE BASE COURSE	MT	3688.5	\$9.00	\$33,196.50	1,959.47	\$17,635.23	(\$15,561.27)
77	AGGREGATE BASE COURSE-OVER FABRIC	MT	1700	\$9.50	\$16,150.00	2,422.04	\$23,009.38	\$6,859.38
78	GEOGRID/SOIL SUPPORT FABRIC	SM	3316	\$3.10	\$10,279.60	5,429.71	\$16,832.10	\$6,552.50
79	AC COMPOSITE	MT	37.9	\$50.75	\$1,923.43	19.37	\$983.03	(\$940.40)
80	AC, CLASS G, TYPE 1	MT	2470	\$39.05	\$96,453.50	2,523.90	\$98,558.30	\$2,104.80

# No. PW082702-01

81	AC, CLASS G, TYPE 2	MT	823.3	\$40.50	\$33,343.65	776.55	\$31,450.28	(\$1,893.38)
82	CONCRETE APPROACH PAVEMENT, 150 MM	SM	106.6	\$31.50	\$3,357.90	126.08	\$3,971.52	\$613.62
83	CONCRETE DRIVEWAY PAVEMENT, 150 MM	SM	267.8	\$31.50	\$8,435.70	400.71	\$12,622.37	\$4,186.67
84	CONCRETE "P200" GUTTER PAN	SM	102.9	\$47.00	\$4,836.30	60.74	\$2,854.78	(\$1,981.52)
85	CONCRETE CURB & GUTTER, TYPE B200	M	1496.4	\$30.65	\$45,864.66	1,612.60	\$49,426.19	\$3,561.53
86	CONCRETE GUTTER, TYPE "P200" STRAIGHT	M	52	\$32.00	\$1,664.00	65.40	\$2,092.80	\$428.80
87	CONCRETE FILLET & PAN (REINFORCED), 200 MM	SM	712.6	\$47.00	\$33,492.20	712.60	\$33,492.20	\$0.00
88	CONCRETE HANDICAPPED ACCESS RAMP	SM	268.7	\$33.75	\$9,068.63	320.20	\$10,806.75	\$1,738.13
89	CONCRETE SIDEWALK	SM	71.6	\$29.60	\$2,119.36	325.32	\$9,629.47	\$7,510.11
90	TYPE "B" INLET W/CURBED COVER	EA	6	\$1,100.00	\$6,600.00	6.00	\$6,600.00	\$0.00
91	12" EDGE DRAIN & ROCK	M	20.9	\$22.00	\$459.80	73.80	\$1,623.60	\$1,163.80
92	SPECIAL TYPE "E" INLET, 3 M	EA	4	\$3,000.00	\$12,000.00	4.00	\$12,000.00	\$0.00
93	TYPE "E" INLET, 1.5 M	EA	5	\$1,800.00	\$9,000.00	5.00	\$9,000.00	\$0.00
94	TYPE "E" INLET, 3 M	EA	11	\$2,380.00	\$26,180.00	11.00	\$26,180.00	\$0.00
95	450 MM RCP, CLASS II	M	201.1	\$100.00	\$20,110.00	176.56	\$17,656.00	(\$2,454.00)
96	600 MM RCP, CLASS II	M	50.6	\$117.00	\$5,920.20	71.31	\$8,343.27	\$2,423.07
97	900 MM RCP, CLASS III	M	238.4	\$207.00	\$49,348.80	250.58	\$51,870.06	\$2,521.26
98	1050 MM RCP CLASS III	M	187.8	\$250.00	\$46,950.00	187.80	\$46,950.00	\$0.00
99	450 MM X 450 MM X 450 MM RCP TEE	EA	2	\$540.00	\$1,080.00	2.00	\$1,080.00	\$0.00
100	600 MM X 600 MM X 450 MM RCP TEE	EA	1	\$440.00	\$440.00	1.00	\$440.00	\$0.00
101	1050 MM X 1050 MM X 600 MM RCP TEE	EA	1	\$650.00	\$650.00	1.00	\$650.00	\$0.00
102	900 MM RCP PLUG	EA	1	\$180.00	\$180.00	1.00	\$180.00	\$0.00
103	PREFORMED DETECTOR LOOP	EA	12	\$575.00	\$6,900.00	12.00	\$6,900.00	\$0.00
104	DISCONNECT - 100 AMP/2P, 3W, SN, WP	EA	1	\$280.00	\$280.00	1.00	\$280.00	\$0.00
105	METER CAN AND SOCKET	EA	1	\$245.00	\$245.00	1.00	\$245.00	\$0.00
106	WIREWAY - WP W/ 100 AMP BUS BARS	EA	1	\$143.00	\$143.00	1.00	\$143.00	\$0.00
107	WP ENCL. W/2-20AMP/1P CB (2 CB'S/SINGLE ENCL.)	EA	1	\$84.25	\$84.25	1.00	\$84.25	\$0.00
108	LIGHT POLE FOOTING, 610 MM DIAM	EA	19	\$812.00	\$15,428.00	16.00	\$12,992.00	(\$2,436.00)
109	5.5 M POLE, FIXED BASE W/LUMINAIRE BRACKET	EA	19	\$2,082.00	\$39,558.00	19.00	\$39,558.00	\$0.00
110	HISTORIC/PERIOD LUMINAIRE W/GLARE SHIELD, 250W	EA	19	\$1,050.00	\$19,950.00	19.00	\$19,950.00	\$0.00
111	12.7 MM RIGID CONDUIT	M	75	\$3.00	\$225.00	0.00	\$0.00	(\$225.00)
112	19 MM RIGID CONDUIT	M	177	\$19.15	\$3,389.55	106.68	\$2,042.92	(\$1,346.63)
113	51 MM RIGID CONDUIT	M	760	\$16.50	\$12,540.00	966.56	\$15,948.24	\$3,408.24
114	76 MM RIGID CONDUIT	M	120	\$20.50	\$2,460.00	121.52	\$2,491.16	\$31.16
115	457 MM DIA JUNCTION BOX	EA	39	\$370.50	\$14,449.50	39.00	\$14,449.50	\$0.00
116	JUNCTION BOX - WP	EA	1	\$104.00	\$104.00	1.00	\$104.00	\$0.00
117	610 MM DIA JUNCTION BOX	EA	7	\$400.00	\$2,800.00	7.00	\$2,800.00	\$0.00
118	1/C #1 AWG COPPER	M	265	\$4.10	\$1,086.50	265.00	\$1,086.50	\$0.00
119	1/C #6 AWG COPPER	M	2377	\$2.00	\$4,754.00	2,377.00	\$4,754.00	\$0.00
120	1/C #8 AWG COPPER	M	850	\$1.40	\$1,190.00	1,124.32	\$1,574.05	\$384.05
121	2/C #10 AWG COPPER POLE & BRACKET	M	228	\$2.60	\$592.80	228.00	\$592.80	\$0.00
122	INCIDENTAL WORK (ELECTRICAL)	LS	1	\$1,900.00	\$1,900.00	1.00	\$1,900.00	\$0.00
123	REGULATORY SIGNS	EA	23	\$105.00	\$2,415.00	23.00	\$2,415.00	\$0.00
124	STREET SIGNS	EA	16	\$80.00	\$1,280.00	16.00	\$1,280.00	\$0.00
125	COLD PLAST. MARKING, 100 MM	M	405	\$11.00	\$4,455.00	708.40	\$7,792.40	\$3,337.40

**No. PW082702-01**

126	COLD PLAST. MARKING, 300 MM	M	282.4	\$21.00	\$5,930.40	251.20	\$5,275.20	(\$655.20)
127	COLD PLAST. MARKING, 600 MM	M	34.3	\$43.25	\$1,483.48	32.80	\$1,418.60	(\$64.88)
128	PAVEMENT MARKING PAINT, 100 MM, WHITE	M	405	\$1.10	\$445.50	0.00	\$0.00	(\$445.50)
129	PAVEMENT MARKING PAINT, 300 MM, WHITE	M	271.5	\$3.50	\$950.25	92.81	\$324.84	(\$625.42)
130	PAVEMENT MARKING PAINT, 600 MM, WHITE	M	34.3	\$6.75	\$231.53	0.00	\$0.00	(\$231.53)
131	REMOVE AND SALVAGE COLD PLAST MARKING AND LUMINAIRE	EA	2.0	\$210.00	\$420.00	4.00	\$840.00	\$420.00
132	FABRICATE/INSTALL ADAPTOR	EA	2.0	\$210.00	\$420.00	4.00	\$840.00	\$420.00
133	PERIOD LIGHT LUMINAIRE AND POLE REPLACEMENTS	EA	0.0	\$3,780.00	\$0.00	4.00	\$15,120.00	\$15,120.00
134	STORM SEWER TEMPORARY CONNECTION	EA	0.0	\$2,000.00	\$0.00	1.00	\$2,000.00	\$2,000.00
135	LARGE TREE REMOVALS	EA	0.0	\$570.00	\$0.00	2.00	\$1,140.00	\$1,140.00
	<b>TOTAL</b>				<b>\$1,038,834.35</b>		<b>\$1,092,704.05</b>	<b>\$53,869.71</b>

C.C.O. HISTORY INCREASE/(DECREASE)	PRIOR ADJUSTED CONTRACT PRICE :	\$1,038,834.35
CCO #1	\$53,869.71 NET INCREASE/(DECREASE):	\$53,869.71
CCO #2		
CCO #3	ADJUSTED CONTRACT PRICE:	\$1,092,704.05
PRIOR TOTAL =	\$53,869.71 CHANGE TO DATE:	\$53,869.71

CONTRACTOR: _____	DATE: _____
ENGINEER: _____	DATE: _____
MAYOR: _____	DATE: _____
FINANCE: _____	DATE: _____
CONTRACT TIME CHANGE +/-: 0      NEW CONTRACT TIME: SAME	

**CITY OF RAPID CITY  
CONSTRUCTION CHANGE ORDER**

**PROJECT NAME: WEST BOULEVARD RECONSTRUCTION, SOUTH STREET TO ST. JAMES STREET**

**PROJECT NO: ST01-985**

**CONTRACTOR: HEAVY CONSTRUCTORS, INC.**

**ORIGINAL CONTRACT AMOUNT: \$1,038,834.37**

**CHANGE ORDER NO.: 1 & FINAL**

**DATE: 13 August, 2002**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
1	CONSTRUCTION STAKING (CONTRACTOR FURNISHED)	NO CHANGE
2	MOBILIZATION	NO CHANGE

3	INCIDENTAL WORK	NO CHANGE
4	TRAFFIC CONTROL	NO CHANGE
5	CLEARING & GRUBBING, 6" +TREE	MEASURED QUANTITY - TWO TREES REMOVED BY LANDOWNER/PARKS DEPARTMENT
6	CLEARING & GRUBBING	NO CHANGE
7	FIRE HYDRANT W/AUX VALVE & LEAD	MEASURED QUANTITY
8	BACKFLOW PREVENTOR & METER ENCLOSURE	NO CHANGE
9	CONNECT TO EXISTING WATER MAIN	MEASURED QUANTITY
10	RECONNECT WATER SERVICE LINE	MEASURED QUANTITY
11	WATER MAIN ENCASEMENT	NO CHANGE
12	WATER SERVICE ADJUSTMENT	MEASURED QUANTITY
13	25 MM COPPER SERVICE	MEASURED QUANTITY
14	38 MM COPPER SERVICE	MEASURED QUANTITY
15	50 MM COPPER SERVICE	MEASURED QUANTITY
16	100 MM PVC WATER SERVICE	MEASURED QUANTITY
17	150 MM PVC WATER MAIN	MEASURED QUANTITY
18	100 MM PVC SLEEVE	MEASURED QUANTITY
19	25 MM PVC IRRIGATION LINE	NO CHANGE
20	38 MM PVC IRRIGATION LINE	NO CHANGE
21	50 MM PVC IRRIGATION LINE	NO CHANGE
22	65 MM PVC IRRIGATION LINE	NO CHANGE
23	75 MM PVC IRRIGATION LINE	NO CHANGE
24	25 MM TAPPING SADDLE & CORP. STOP	MEASURED QUANTITY
25	38 MM TAPPING SADDLE & CORP. STOP	NONE USED
26	50 MM TAPPING SADDLE & CORP. STOP	NONE USED
27	25 MM CURB STOP & BOX	MEASURED QUANTITY
28	38 MM CURB STOP & BOX	NONE USED
29	50 MM CURB STOP & BOX	NONE USED
30	150 MM X 100 MM REDUCER	NO CHANGE
31	100 MM STANDARD COUPLING	NONE USED
32	150 MM STANDARD COUPLING	NO CHANGE
33	150 MM X 150 MM X 100 MM TEE	NO CHANGE
34	150 MM X 150 MM X 150 MM TEE	MEASURED QUANTITY
35	150 MM X 150 MM CROSS	MEASURED QUANTITY
36	100 MM MJ PLUG	MEASURED QUANTITY
37	150 MM MJ PLUG	MEASURED QUANTITY
38	100 MM GATE VALVE W/ BOX	NO CHANGE
39	150 MM GATE VALVE W/ BOX	MEASURED QUANTITY
40	150 MM 22.5 DEGREE BEND	MEASURED QUANTITY
41	150 MM 45 DEGREE BEND	MEASURED QUANTITY
42	150 MM 90 DEGREE BEND	MEASURED QUANTITY
43	IRRIGATION CONTROLLER	NO CHANGE
44	65 MM ISOLATION GATE VALVE	NO CHANGE
45	65 MM QUICK COUPLER VALVE	NO CHANGE
46	WATER FOR SOD AND/OR PLANTS	INCOMPLETE
47	IRRIGATION HEAD (S700-PC-6, 0-FA)	NO CHANGE

48	IRRIGATION HEAD (V-1550-4CF)	NO CHANGE
49	SODDING	INCOMPLETE
50	65 MM CONTROLLER VALVE	NO CHANGE
51	MUCK EXCAVATION (TRENCH)	MEASURED QUANTITY
52	CONTROLLED LOW STRENGTH MATERIAL	MEASURED QUANTITY
53	TYPE I GRANULAR BACKFILL	MEASURED QUANTITY
54	TYPE II GRANULAR BACKFILL	MEASURED QUANTITY
55	TYPE III GRANULAR BACKFILL	MEASURED QUANTITY
56	PIPELINE INSULATION	MEASURED QUANTITY
57	ADJUST VALVE BOX	MEASURED QUANTITY
58	REMOVE DROP INLET	NO CHANGE
59	WATER FOR EMBANKMENT	MEASURED QUANTITY
60	WATER FOR DUST CONTROL	MEASURED QUANTITY
61	AASHTO T-180 SOIL TEST	MEASURED QUANTITY
62	EXCAVATION, UNCLASSIFIED-DIGOUTS	MEASURED QUANTITY
63	EXCAVATION, UNCLASSIFIED	MEASURED QUANTITY
64	TOPSOIL, FURNISH & PLACE	MEASURED QUANTITY
65	REMOVE MANHOLE (WATER)	NO CHANGE
66	SAWING, ASPHALT PAVEMENT	MEASURED QUANTITY
67	SAWING, CONCRETE PAVEMENT	MEASURED QUANTITY
68	REMOVE ASPHALT PAVEMENT	MEASURED QUANTITY
69	REMOVE CONCRETE CURB & GUTTER	MEASURED QUANTITY
70	REMOVE CONCRETE DRIVEWAY PAVEMENT	MEASURED QUANTITY
71	REMOVE CONCRETE SIDEWALK	MEASURED QUANTITY
72	REMOVE PIPE CULVERT	MEASURED QUANTITY
73	REMOVE CONCRETE GUTTER	MEASURED QUANTITY
74	ASPHALT COMPACTION TESTS	MEASURED QUANTITY
75	CONCRETE TEST SET	MEASURED QUANTITY
76	AGGREGATE BASE COURSE	MEASURED QUANTITY
77	AGGREGATE BASE COURSE-OVER FABRIC	MEASURED QUANTITY
78	GEOGRID/SOIL SUPPORT FABRIC	MEASURED QUANTITY
79	AC COMPOSITE	MEASURED QUANTITY
80	AC, CLASS G, TYPE 1	MEASURED QUANTITY
81	AC, CLASS G, TYPE 2	MEASURED QUANTITY
82	CONCRETE APPROACH PAVEMENT, 150 MM	MEASURED QUANTITY
83	CONCRETE DRIVEWAY PAVEMENT, 150 MM	MEASURED QUANTITY
84	CONCRETE "P200" GUTTER PAN	NO CHANGE
85	CONCRETE CURB & GUTTER, TYPE B200	MEASURED QUANTITY
86	CONCRETE GUTTER, TYPE "P200" STRAIGHT	MEASURED QUANTITY
87	CONCRETE FILLET & PAN (REINFORCED), 200 MM	MEASURED QUANTITY
88	CONCRETE HANDICAPPED ACCESS RAMP	MEASURED QUANTITY
89	CONCRETE SIDEWALK	MEASURED QUANTITY
90	TYPE "B" INLET W/CURBED COVER	NO CHANGE
91	12" EDGE DRAIN & ROCK	MEASURED QUANTITY
92	SPECIAL TYPE "E" INLET, 3 M	NO CHANGE

93	TYPE "E" INLET, 1.5 M	NO CHANGE
94	TYPE "E" INLET, 3 M	NO CHANGE
95	450 MM RCP, CLASS II	MEASURED QUANTITY
96	600 MM RCP, CLASS II	MEASURED QUANTITY
97	900 MM RCP, CLASS III	MEASURED QUANTITY
98	1050 MM RCP CLASS III	NO CHANGE
99	450 MM X 450 MM X 450 MM RCP TEE	NO CHANGE
100	600 MM X 600 MM X 450 MM RCP TEE	NO CHANGE
101	1050 MM X 1050 MM X 600 MM RCP TEE	NO CHANGE
102	900 MM RCP PLUG	NO CHANGE
103	PREFORMED DETECTOR LOOP	NO CHANGE
104	DISCONNECT - 100 AMP/2P, 3W, SN, WP	NO CHANGE
105	METER CAN AND SOCKET	NO CHANGE
106	WIREWAY - WP W/ 100 AMP BUS BARS	NO CHANGE
107	WP ENCL. W/2-20AMP/1P CB (2 CB'S/SINGLE ENCL.)	NO CHANGE
108	LIGHT POLE FOOTING, 610 MM DIAM	16 USED, ADD. 4 ARE SET WITH AN ADDAPTOR TO EXISTING FOOTINGS, 1 REPLACED TRAFFIC ACCIDENT
109	5.5 M POLE, FIXED BASE W/LUMINAIRE BRACKET	NO CHANGE
110	HISTORIC/PERIOD LUMINAIRE W/GLARE SHIELD, 250W	NO CHANGE
111	12.7 MM RIGID CONDUIT	MEASURED QUANTITY
112	19 MM RIGID CONDUIT	MEASURED QUANTITY
113	51 MM RIGID CONDUIT	MEASURED QUANTITY
114	76 MM RIGID CONDUIT	MEASURED QUANTITY
115	457 MM DIA JUNCTION BOX	NO CHANGE
116	JUNCTION BOX - WP	NO CHANGE
117	610 MM DIA JUNCTION BOX	NO CHANGE
118	1/C #1 AWG COPPER	NO CHANGE
119	1/C #6 AWG COPPER	NO CHANGE
120	1/C #8 AWG COPPER	MEASURED QUANTITY
121	2/C #10 AWG COPPER POLE & BRACKET	NO CHANGE
122	INCIDENTAL WORK (ELECTRICAL)	NO CHANGE
123	REGULATORY SIGNS	NO CHANGE
124	STREET SIGNS	NO CHANGE
125	COLD PLAST. MARKING, 100 MM	MEASURED QUANTITY
126	COLD PLAST. MARKING, 300 MM	MEASURED QUANTITY
127	COLD PLAST. MARKING, 600 MM	MEASURED QUANTITY
128	PAVEMENT MARKING PAINT, 100 MM, WHITE	MEASURED QUANTITY
129	PAVEMENT MARKING PAINT, 300 MM, WHITE	MEASURED QUANTITY
130	PAVEMENT MARKING PAINT, 600 MM, WHITE	MEASURED QUANTITY
131	REMOVE AND SALVAGE COBRA HEAD POLE AND LUMINAIRE	WEST BLVD. REQUEST TO REPLACE COBRA LIGHTS ON COLUMBUS WITH PERIOD LIGHTS
132	FABRICATE/INSTALL ADAPTOR	ADAPT TO EXIST. FOOTING/ENABLES SIGNAL POLE WHEN NEEDED IN FUTURE
133	PERIOD LIGHT LUMINAIRE AND POLE REPLACEMENTS	REPLACE COLUMBUS LIGHTS W/PERIOD-WBA REQUEST-PRICE INCREASE FROM SUPPLIER
134	STORM SEWER TEMPORARY CONNECTION	TEMPORARY CONNECTION NEEDED TO SERVICE SEWER NOT SHOWN ON PLANS
135	REMOVE LARGE TREES	TREE REMOVAL AT LANDOWNER REQUEST

Joe Jagodzinski, PE

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