

PAVING ITEMS			
1.0100	PAVEMENT & SIDEWALK REMOVAL	CU. YD.	5,990
1.0140	ASPHALTIC CONCRETE SURFACE COURSE, FOR ARTERIAL STREETS, 7" THICK	TON	2,011
50.0035	ASPHALT CONCRETE SURFACE COURSE FOR DRIVEWAY, 6" THICK	TON	355
1.0170	ADJUST MANHOLE TO GRADE, (COMPLETE)	EA.	11
1.0180	ADJ. WATER VALVE BOX TO GRADE, (COMPLETE)	EA.	4
1.0185	ADJ. WATER STOP BOX TO GRADE, (COMPLETE)	EA.	1
1.0190	STANDARD MONUMENT BOX, (IN PLACE)	EA.	6
1.0210	TYPE "A" SAWING	LIN. FT.	260
1.0220	TYPE "B" SAWING	LIN. FT.	192
1.0230	TYPE "C" SAWING	LIN. FT.	291
2.0010	GENERAL CLEARING AND GRUBBING	L. S.	1
2.0020	TREE REMOVAL (12" TO 23")	EA.	69
2.0030	TREE REMOVAL (24" TO 35")	EA.	16
2.0040	TREE REMOVAL (36" & Over)	EA.	1
50.0010	EARTHWORK MEASURED AS EMBANKMENT (E. Q.)	CU. YD.	10,747
50.0040	9" DOWELED PORT. CEMENT CONC. PAV'T. W/INTEG. CURB	SQ. YD.	29,123
3.0060	9" PORTLAND CEMENT CONC. PAV'T. W/INTEGRAL CURB	SQ. YD.	14,244
3.0090	6" PORTLAND CEMENT CONC. PAV'T. W/INTEGRAL CURB	SQ. YD.	13,360
6.0020	COMBINED CURB & GUTTER	LIN. FT.	173
6.0050	CONCRETE MEDIAN NOSE, (In Place)	EA.	9
6.0060	CONCRETE MEDIAN SURFACING, 4" THICK	SQ. FT.	19,560
50.0045	TACK ON CONCRETE MEDIAN, 6" THICK	SQ. FT.	1,860
7.0020	CONCRETE SIDEWALK, 4" THICK	SQ. FT.	32,739
7.0030	CONCRETE DRIVEWAY, 6" THICK	SQ. FT.	28,350
7.0045	CONCRETE BIKEWAY, 5" THICK	SQ. FT.	33,389
50.0045	DETECTABLE WARNING PANELS	SQ. FT.	444
8.0015	REINFORCING STEEL FOR RET. WALLS, (IN PLACE)	LB.	10,638
8.0020	CONCRETE FOR RETAINING WALLS, (IN PLACE)	CU. YD.	246
50.0010	MODULAR BLOCK WALL REMOVAL	CU. YD.	86
9.0070	48" PIPE RAILING FENCE, (IN PLACE)	LIN. FT.	295
10.0010	CRUSHED ROCK SURFACING, (IN PLACE)	TON	17
50.0035	TEMPORARY ASPHALT	TON	640
50.0035	TEMPORARY ROCK SURFACING	TON	920

NOTE: EARTH EXCAVATION OF 106,470 CU. YD. (FOR INFORMATION ONLY)

EROSION CONTROL ITEMS			
30.0010	SODDING, COMPLETE	SQ. FT.	66,751
30.0050	SEEDING, TYPE "B"	AC.	7.5
30.0140	SEEDING, TYPE "F"	AC.	2.7
32.0040	SYNTHETIC FABRIC SILT FENCE INSTALLATION	LIN. FT.	3331
32.0050	SYNTHETIC FABRIC SILT FENCE MAINTENANCE	LIN. FT.	3331
32.0060	SYNTHETIC FABRIC SILT FENCE REMOVAL	LIN. FT.	3331
32.0070	INSTALL STORM DRAIN INLET PROTECTION (TYPE I)	EA.	5
32.0080	STORM DRAIN INLET PROTECTION MAINT (TYPE I)	EA.	5
32.0090	REMOVE STORM DRAIN INLET PROTECTION (TYPE I)	EA.	5
50.0005	INSTALL STORM DRAIN INLET PROTECTION (TYPE II)	LIN. FT.	600
50.0005	STORM DRAIN INLET PROTECTION MAINT (TYPE II)	LIN. FT.	600
50.0005	REMOVE STORM DRAIN INLET PROTECTION (TYPE II)	LIN. FT.	600
50.0005	TRIANGULAR SILT DIKE INSTALLATION	LIN. FT.	168
50.0005	TRIANGULAR SILT DIKE MAINTENANCE	LIN. FT.	168
50.0005	TRIANGULAR SILT DIKE REMOVAL	LIN. FT.	168
50.0040	INSTALL SYNTHETIC EROSION CONTROL MAT	SQ. YD.	3600
50.0040	INSTALL STRAW EROSION CONTROL MAT	SQ. YD.	1664

STORM DRAINAGE ITEMS			
21.0050	48" R.C.P. STORM SEWER, CL. III	LIN. FT.	311
21.0060	42" R.C.P. STORM SEWER, CL. III	LIN. FT.	14
21.0070	36" R.C.P. STORM SEWER, CL. III	LIN. FT.	1,389
21.0080	30" R.C.P. STORM SEWER, CL. III	LIN. FT.	1,034
21.0090	24" R.C.P. STORM SEWER, CL. III	LIN. FT.	75
21.0100	18" R.C.P. STORM SEWER, CL. III	LIN. FT.	684
21.0110	15" R.C.P. STORM SEWER, CL. III	LIN. FT.	1,477
21.0540	48" R.C. FLARED END SECTION	EA.	1
21.0620	15" R.C. FLARED END SECTION	EA.	1
21.0710	30" R.C. FLARED END SECTION W/BAR GRATE	EA.	1
21.0770	72" STORM SEWER INLET, (COMPLETE)	EA.	12
21.0780	72" CANTED STORM SEWER INLET, (COMPLETE)	EA.	30
21.0830	GRATE INLET, TYPE "F-2", (COMPLETE)	EA.	5
21.0880	STORM SEWER MANHOLE, 48", (COMPLETE)	EA.	3
21.0890	STORM SEWER MANHOLE, 36", (COMPLETE)	EA.	5
21.0895	STORM SEWER MANHOLE, 15"-30", (COMPLETE)	EA.	4
21.0940	CONC. FOR COLLARS, ELBOWS & PLUGS, (IN PLACE)	CU. YD.	5
21.0950	REINF. STEEL FOR COLLARS, ELBOWS & PLUGS, (IN PLACE)	LB.	432
50.0001	REINF. CONC. WEIR, (COMPLETE)	EA.	2
50.0001	REINF. CONC. OUTLET STRUCTURE, (COMPLETE)	EA.	2
21.1050	TAP EXIST. STORM SEWER MANHOLE, REPLACE INVERT	EA.	1
21.1070	TAP EXISTING R.C. PIPE	EA.	3
21.1250	REMOVE 48" STORM SEWER PIPE	LIN. FT.	15
21.1280	REMOVE 30" STORM SEWER PIPE	LIN. FT.	223
21.1290	REMOVE 24" STORM SEWER PIPE	LIN. FT.	196
21.1300	REMOVE 21" STORM SEWER PIPE	LIN. FT.	61
21.1310	REMOVE 18" STORM SEWER PIPE	LIN. FT.	83
21.1320	REMOVE 15" STORM SEWER PIPE	LIN. FT.	654
21.1620	REMOVE 48" R.C. FLARED END SECTION	EA.	1
21.1640	REMOVE 30" R.C. FLARED END SECTION	EA.	2
21.1650	REMOVE 24" R.C. FLARED END SECTION	EA.	3
21.1670	REMOVE 18" R.C. FLARED END SECTION	EA.	2
21.1680	REMOVE 15" R.C. FLARED END SECTION	EA.	6
21.1700	REMOVE STORM SEWER MANHOLE, (COMPLETE)	EA.	2
21.1710	REMOVE EXISTING INLET, (COMPLETE)	EA.	4
21.1740	REMOVE EXISTING GRATE INLET, (COMPLETE)	EA.	4
21.1750	REMOVE EXISTING HEADWALL, (COMPLETE)	EA.	1
50.0001	REMOVE EXIST. 4'x5' CONC. WEIR, (COMPLETE)	EA.	2
21.1840	5' R.C. LOW FLOW LINER	LIN. FT.	10
21.2111	RIP-RAP, (IN PLACE)	TON	53

WASTE WATER ITEMS			
22.0080	8" SANITARY SEWER PIPE	LIN. FT.	128
22.0700	STANDARD MANHOLE, TYPE 'S'	EA.	2
22.0710	STANDARD MANHOLE, TYPE 'S'	VERT. FT.	25
22.0780	REMOVE SANITARY SEWER MANHOLE, (COMPLETE)	EA.	1

PAVEMENT MARKING ITEMS			
13.0270	PAINT MARKINGS, 4" YELLOW	LIN. FT.	3,410
13.0275	PAINT MARKINGS, 4" WHITE	LIN. FT.	5,713
13.0280	PAINT MARKINGS, 8" WHITE	LIN. FT.	3,846
13.0305	PAINT MARKINGS, 12" WHITE	LIN. FT.	1,666

MISCELLANEOUS ITEMS			
50.0015	MOBILIZATION	L. S.	1
50.0015	TRAFFIC CONTROL FOR CONSTRUCTION	L. S.	1
50.0060	DYNAMIC MESSAGE BOARDS	DAY	400
50.0015	CONSTRUCTION STAKING	L. S.	1

WATER MAIN ITEMS			
50.0005	48" D.I. PIPE WATER MAIN CL. 52 POLYWRAP	LIN. FT.	3,647
23.0030	24" D.I. PIPE WATER MAIN CL. 52 POLYWRAP	LIN. FT.	3,553
23.0050	16" D.I. PIPE WATER MAIN CL. 52 POLYWRAP	LIN. FT.	1,155
23.0060	12" D.I. PIPE WATER MAIN CL. 52 POLYWRAP	LIN. FT.	210
23.0070	8" D.I. PIPE WATER MAIN CL. 52 POLYWRAP	LIN. FT.	191
23.0080	6" D.I. PIPE WATER MAIN CL. 52 POLYWRAP	LIN. FT.	895
23.0085	4" D.I. PIPE WATER MAIN CL. 52 POLYWRAP	LIN. FT.	100
50.0005	2" STEEL PIPE WATER MAIN SCH. 40 POLYWRAP	LIN. FT.	44
50.0001	48" BUTTERFLY VALVE, M.J.	EA.	1
23.0400	24" BUTTERFLY VALVE, M.J.	EA.	8
23.0420	16" BUTTERFLY VALVE, M.J.	EA.	4
23.0450	8" GATE VALVE, M.J.	EA.	2
23.0460	6" GATE VALVE, M.J.	EA.	25
50.0001	24" AIR-RELIEF VALVE IN MANHOLE, (COMPLETE)	EA.	4
50.0001	48" AIR-RELIEF VALVE IN MANHOLE, (COMPLETE)	EA.	3
50.0001	24" BLOWOFF VALVE & RISER ASSEMBLY	EA.	3
50.0001	48" BLOWOFF VALVE & RISER ASSEMBLY	EA.	3
50.0001	REMOVE & RESET 48" BLOWOFF VALVE & RISER ASSEMBLY	EA.	1
23.0492	HYDRANT, COMPLETE (L=6.5')	EA.	17
23.0500	16" RETAINER GLAND, M.J.	EA.	13
23.0510	12" RETAINER GLAND, M.J.	EA.	2
23.0530	6" RETAINER GLAND, M.J.	EA.	27
23.0536	12" x 90° BEND, M.J.	EA.	1
23.0546	6" x 45° BEND, M.J.	EA.	2
23.0548	24" x 22.5° BEND, M.J.	EA.	4
23.0550	16" x 22.5° BEND, M.J.	EA.	2
23.0556	24" x 11.25° BEND, M.J.	EA.	10
23.0566	24" x 16" TEE, M.J.	EA.	2
50.0001	24" x 8" TEE, M.J.	EA.	1
23.0570	24" x 6" TEE, M.J.	EA.	11
50.0001	16" x 8" TEE, M.J.	EA.	1
23.0576	16" x 6" TEE, M.J.	EA.	5
23.0583	8" x 6" TEE, M.J.	EA.	1
23.0592	6" ANCHORING ELBOW, M.J.	EA.	3
23.0594	6" ANCHORING COUPLING, M. J. (L=18")	EA.	11
50.0001	48" x 12" CROSS, M.J.	EA.	1
23.0622	16" x 6" REDUCER, M.J.	EA.	1
50.0001	16" OFFSET, 24" DROP, M.J.	EA.	2
23.0626	16" OFFSET, 18" DROP, M.J.	EA.	2
23.0638	6" OFFSET, 24" DROP, M.J.	EA.	2
23.0639	6" OFFSET, 18" DROP, M.J.	EA.	2
23.0644	24" SOLID SLEEVE, M.J. (L=15")	EA.	3
23.0646	16" SOLID SLEEVE, M.J. (L=15")	EA.	7
23.0648	12" SOLID SLEEVE, M.J. (L=12")	EA.	3
23.0649	8" SOLID SLEEVE, M.J. (L=12")	EA.	2
23.0650	6" SOLID SLEEVE, M.J. (L=18")	EA.	7
23.0656	24" PLUG, M.J.	EA.	1
23.0665	CONCRETE FOR THRUST BLOCKS & ANCHORAGES, (IN PLACE)	CU. YD.	81
23.0670	REINF. STEEL FOR THRUST BLOCKS & ANCHORAGES	LB.	3,458
50.0001	REMOVE WATER METER PIT	EA.	1
50.0001	BUILD WATER METER STRUCTURE	EA.	1
23.0900	REMOVE 24" WATER MAIN	LIN. FT.	2,119
23.0920	REMOVE 16" WATER MAIN	LIN. FT.	618
23.0930	REMOVE 12" WATER MAIN	LIN. FT.	37
23.0940	REMOVE 8" WATER MAIN	LIN. FT.	180
23.0950	REMOVE 6" WATER MAIN	LIN. FT.	242
23.0960	REMOVE & SALVAGE HYDRANT, (COMPLETE)	EA.	13
23.1000	REMOVE & SALVAGE WATER VALVE & BOX, (COMPLETE)	EA.	13
23.1030	REMOVE & RESET HYDRANT, (COMPLETE)	EA.	2
50.0001	REMOVE AIR RELIEF MANHOLE	EA.	1
50.0001	REMOVE 48" BULKHEAD AND PLUG, (COMPLETE)	EA.	1
50.0001	INSTALL & REMOVE 48" TEMP. BULKHEAD & PLUG	EA.	1
50.0005	REMOVE & RELAY 12" D.I. PIPE WATER MAIN	LIN. FT.	53
50.0001	INSTALL & REMOVE TEMP. 12" BLOWOFF, (COMPLETE)	EA.	1

TRAFFIC SIGNAL & LIGHTING ITEMS			
24.0101	REMOVE TRAFFIC SIGNAL COMPLETE	EA.	1
24.6200	RELOCATE METRO STREET NAME SIGN	EA.	4
24.0521	INSTALL AND REMOVE TEMPORARY SIGNAL	EA.	1
50.0001	RELOCATE FIBERGLASS POLE (DIRECT BURIED)	EA.	1
50.0001	RELOCATE 30' STREET LIGHT POLE (REQUIRES F-2530 FOUNDATION)	EA.	2
24.0807	PULL BOX, TYPE PB-9	EA.	8
24.0810	PULL BOX, TYPE FOR27	EA.	8
24.0901	CONDUIT IN TRENCH, 1/2 INCH	LIN. FT.	91
24.0903	CONDUIT IN TRENCH, 1 1/2 INCH	LIN. FT.	6,202
24.0904	CONDUIT IN TRENCH, 2 INCH	LIN. FT.	2,001
24.0905	CONDUIT IN TRENCH, 3 INCH	LIN. FT.	99
24.0906	CONDUIT IN TRENCH, 4 INCH	LIN. FT.	462
50.0005	CONDUIT IN TRENCH, 4 INCH (HDPE)	LIN. FT.	3,644
24.0912	COAXIAL CABLE	LIN. FT.	43
24.0991	CAMERA CONTROL CABLE	LIN. FT.	43
24.0994	CAMERA DETECTOR CABLE	LIN. FT.	746
24.0997	CAMERA POWER CABLE, 4 CONDUCTOR 12 AWG	LIN. FT.	43
24.0996	INSTALL EMERGENCY DETECTOR CABLE	LIN. FT.	204
24.1001	TRAFFIC SIGNAL CABLE, 2 CONDUCTOR	LIN. FT.	2,018
24.1002	TRAFFIC SIGNAL CABLE, 3 CONDUCTOR	LIN. FT.	746
24.1005	TRAFFIC SIGNAL CABLE, 7 CONDUCTOR	LIN. FT.	746
24.1020	TRAFFIC SIGNAL CABLE, 20 CONDUCTOR	LIN. FT.	746
24.1041	LEAD-IN CABLE, 2 CONDUCTOR #14	LIN. FT.	8,694
24.1042	6 FIBER MULTIMODE CABLE	LIN. FT.	2,860
24.1049	TRACER WIRE NO. 14 THHN	LIN. FT.	8,986
24.1054	SERVICE CABLE, #6 USE	LIN. FT.	728
24.1065	CIRCUIT GROUND, NO 8 USE	LIN. FT.	538
24.1072	STREET LIGHT CABLE, NO 4 USE	LIN. FT.	1,484
24.1073	STREET LIGHT CABLE, NO 6 USE	LIN. FT.	13,430
24.1074	STREET LIGHT CABLE, NO 8 USE	LIN. FT.	5,817
24.1078	STREET LIGHT DIRECT BURIED CABLE, NO 6 USE	LIN. FT.	200
24.1079	STREET LIGHT DIRECT BURIED CABLE, NO 8 USE	LIN. FT.	250
24.1080	STREET LIGHT DIRECT BURIED CABLE, NO 10 USE	LIN. FT.	75
24.1380	GROUND ROD, 10'	EA.	8
24.1508	LUMINAIRE, 250W HPSV-PC	EA.	4
24.1703	VEHICLE DETECTOR, TYPE MD-1	EA.	4
24.1704	VEHICLE DETECTOR, TYPE 2UC	EA.	20
24.5220	INSTALL MAST ARM POLE, TYPE MA-2 (ARM 50' +)	EA.	4
24.1476	STREET LIGHT POLE, TYPE SL-A-C-50-12T-5-0.25-PC	EA.	30
24.5803	INSTALL TRAFFIC SIGNAL, TYPE TS-1, T36	EA.	8
24.5807	INSTALL TRAFFIC SIGNAL, TYPE TS-1LL, T51B	EA.	4
24.5808	INSTALL TRAFFIC SIGNAL, TYPE TS-1RR, T52	EA.	4
24.5821	INSTALL PEDESTRIAN SIGNAL, TYPE PS-1, T13	EA.	8
24.6012			