

SUMMARY OF QUANTITIES

CONTRACT # 04A8
FAP 303
MINNEAPOLIS
28
2

TRAFFIC SIGNALS URBAN
1000-1A 90% FED 10% STATE
CODED PAY ITEM # PAY ITEM TOTAL QUANTITY UNIT

CODED PAY ITEM #	PAY ITEM	TOTAL QUANTITY	UNIT
66900630	LEAD & PH SOIL ANALYSIS	1	EACH
20100110	TREE REMOVAL (6 TO 15 UNIT DIAMETER)	10	UNIT
20101400	NITROGEN FERTILIZER NUTRIENT	9	POUND
20101500	PHOSPHORUS FERTILIZER NUTRIENT	9	POUND
20101600	POTASSIUM FERTILIZER NUTRIENT	9	POUND
20101700	SUPPLEMENTAL WATERING	31.2	UNIT
20200100	EARTH EXCAVATION	737	CU YD
20201200	* REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	80	CU YD
20400800	FURNISHED EXCAVATION	288	CU YD
20800150	TRENCH BACKFILL	62.6	CU YD
25200100	SODDING	696	SQ YD
31100600	7" SUB-BASE GRANULAR MATERIAL, TYPE A	250.1	SQ YD
31101200	4" SUB-BASE GRANULAR MATERIAL, TYPE B	432	SQ YD
35100600	AGGREGATE BASE COURSE, TYPE A 7"	250.1	SQ YD
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	386.2	SQ YD
40300200	BITUMINOUS MATERIALS (PRIME COAT)	4.1	TON
40600300	AGGREGATE (PRIME COAT)	25	TON
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	97	SQ YD
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	2784.1	SQ FT
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	6610.9	SQ YD
44000100	PAVEMENT REMOVAL	1160	SQ YD
44000200	DRIVEWAY PAVEMENT REMOVAL	106	SQ YD
44000500	COMBINATION CURB AND GUTTER REMOVAL	1126	FOOT
44000600	SIDEWALK REMOVAL	2683	SQ FT
44002020	CONCRETE MEDIAN SURFACE REMOVAL	481	SQ FT
44213200	SAW CUTS	1415	FOOT
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	542	FOOT
550A2520	* STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2, 12"	195	FOOT
55100500	STORM SEWER REMOVAL, 12"	50	FOOT
56500600	* DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	2	EACH
60225400	RESTRICTED DEPTH MANHOLES, 5'-DIAMETER, TYPE 1 FRAME AND CLOSED LID	1	EACH
60255800	MANHOLES TO BE ADJUSTED W/ NEW FRAME AND CLOSED LID	11	EACH
60266800	VALVE BOXES TO BE ADJUSTED	7	EACH
60500040	REMOVING MANHOLES	2	EACH
60500060	REMOVING INLETS	3	EACH
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	90	FOOT
60610100	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18 (MODIFIED)	315	FOOT
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	692	FOOT
60618300	CONCRETE MEDIAN SURFACE, 4"	102	SQ FT
60623714	CONCRETE MEDIAN (SPECIAL)	291	SQ FT
60624600	CORRUGATED MEDIAN	480	SQ FT
66700305	PERMANENT SURVEY MARKERS, TYPE II	2	EACH
67000400	ENGINEER'S FIELD OFFICE, TYPE A	2	CAL MO
67100100	MOBILIZATION	1	L SUM
70101700	TRAFFIC CONTROL AND PROTECTION	1	L SUM
70103816	TRAFFIC CONTROL SURVEILLANCE	3	CAL MO
78000100	* THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	546.8	SQ FT
78000200	* THERMOPLASTIC PAVEMENT MARKING - LINE 4"	1433	FOOT
78000500	* THERMOPLASTIC PAVEMENT MARKING - LINE 8"	2173	FOOT
78000600	* THERMOPLASTIC PAVEMENT MARKING - LINE 12"	266	FOOT
78000650	* THERMOPLASTIC PAVEMENT MARKING - LINE 24"	285	FOOT
78300100	PAVEMENT MARKING REMOVAL	230.2	SQ FT
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	2	EACH
66900450	* SPECIAL WASTE PLANS AND REPORTS	1	L SUM
66900510	* BETX-PNAS SOIL ANALYSIS	1	EACH

* SPECIALITY ITEM

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66900530	SOIL DISPOSAL ANALYSIS	1	EACH
81012400	CONDUIT IN TRENCH, 1 1/4" DIA., PVC	15	FOOT
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	23	FOOT
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	3	FOOT
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	69	FOOT
81018600	CONDUIT PUSHED, 2 1/2" DIA. GALVANIZED STEEL	83	FOOT
81030100	CONDUIT SPLICE	7	EACH
81400400	CONCRETE HANDHOLE	3	EACH
81400500	CONCRETE HEAVY-DUTY HANDHOLE	1	EACH
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	110	FOOT
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	691	FOOT
82103400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 400 WATT	2	EACH
86300400	CONTROLLER CABINET TYPE IV	1	EACH
87300515	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	341	FOOT
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	482	FOOT
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	2003	FOOT
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	544	FOOT
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	2	EACH
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	3	EACH
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	1	EACH
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	1	EACH
87800100	CONCRETE FOUNDATION, TYPE A	12.4	FOOT
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	60	FOOT
87900200	DRILL EXISTING HANDHOLE	1	EACH
88200100	TRAFFIC SIGNAL BACKPLATE	8	EACH
88500500	INDUCTION LOOP DETECTOR AMPLIFIER	1	EACH
88600100	DETECTOR LOOP, TYPE I	97	FOOT
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	1	EACH
89501100	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	1	EACH
89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	1	EACH
89502200	MODIFY EXISTING CONTROLLER	2	EACH
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	4477	FOOT
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	11	EACH
89502380	REMOVE EXISTING HANDHOLE	4	EACH
89502385	REMOVE EXISTING CONCRETE FOUNDATION	9	EACH
XX000968	INLETS, TYPE 700	5	EACH
XX002180	ERECT MAST ARM ASSEMBLIES	1	EACH
XX002957	REMOVE AND RE-ERECT EXISTING SIGN	1	EACH
XX003167	* STREET NAME SIGNS, MAST ARM MOUNTED (INSTALL ONLY)	2	EACH
Z0013798	CONSTRUCTION LAYOUT	1	L SUM
XX004338	REMOVE AND RE-ERECT SEGMENTAL BLOCK RETAINING WALL	1	L SUM
XX004711	DECORATIVE LIGHT STANDARD COMPLETE	1	EACH
XX005054	LANDSCAPE PLANTING COMPLETE	1	L SUM
XX005410	REMOVE AND RELOCATE STREET LIGHT POLE	1	EACH
X0323230	ISLAND SPECIAL	86	SQ YD
X4066446	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N70	638	TON
X4066616	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70	90	TON
X4066740	LEVELING BINDER (HAND METHOD), SUPERPAVE N70	10	TON
X8801300	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	4	EACH
X8801310	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	6	EACH
X8801395	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	1	EACH
X8801400	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	2	EACH
X8810395	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	3	EACH
X8810495	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED	1	EACH
66900635	LEAD TCLP SOIL ANALYSIS	1	EACH
66900606	NON-SPECIAL WASTE DISPOSAL	5	CU YD

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Y031-1F