F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP734	98-00480-00-BR 03-00522-00-TL	WINNEBAGO	62	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION - TYPE CODES (L1C) J000 ROADWAY	X028-2A BOX C. /BRIDGE	Y031-1F SIGNALS	Y080	NON-PART. (07C Y060) SAN. SEWER	WATER MAIN
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNITS	397		397				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNITS	664		664				
20100500	TREE REMOVAL, ACRES	ACRE	0.54		0.54				
20200410*	EARTH EXCAVATION (SPECIAL)	CU YD	26,278	26,278					
20201200*	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	750	750					
20300100	CHANNEL EXCAVATION	CU YD	8,776		8,776				
20700220*	POROUS GRANULAR EMBANKMENT	CU YD	265		265				
20800150*	TRENCH BACKFILL	CU YD	260	260					
21101615	TOP SOIL FURNISH AND PLACE, 4"	SQ YD	5,663	5,663					
25000400*	NITROGEN FERTILIZER NUTRIENT	POUND	635	635					
25000500*	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	635	635					
25000600*	POTASSIUM FERTILIZER NUTRIENT	POUND	635	635					
25000900*	SEEDING, CLASS 1 (SPECIAL)	ACRE	7.06	7.06					
25100630	EROSION CONTROL BLANKET	SQ YD	3,874	3,874					
25200200*	SUPPLEMENTAL WATERING	UNITS	5	5					
28000300	TEMPORARY DITCH CHECKS	EACH	1	1					
28000400	PERIMETER EROSION BARRIER	FOOT	1,038	1,038					
31100910	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	10,229	10,229					
40800050*	INCIDENTAL HOT MIX ASPHALT SURFACING	TON	135	135					
42000411*	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	SQ YD	9,433	9,433					
42001300	PROTECTIVE COAT	SQ YD	11,000	11,000					
42300300*	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	1,116	1,116					
42400200*	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	14,040	14,040					
42400800	DETECTABLE WARNINGS	SQ FT	100	100					
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1,024	1,024					
50100100*	REMOVAL OF EXISITNG STRUCTURES	EACH	1		1				
50200100	STRUCTURE EXCAVATION	CU YD	52		52				
50300225	CONCRETE STRUCTURES	CU YD	105.3		105.3				
50300280*	CONCRETE ENCASEMENT	CU YD	119.5		119.5				
50800105	REINFORCEMENT BARS	POUND	11,860		11,860				
51200956	FURNISHING METAL SHELL PILES 12" X 0.179	FOOT	970		970				
51202305	DRIVING PILES	FOOT	970		970				
51203200	TEST PILE METAL SHELLS	EACH	3		3				
51500100	NAME PLATES	EACH	1		1				
54011111	PRECAST CONCRETE BOX CULVERT 11'X11'	FOOT	396		396				
54248515*	CONCRETE COLLAR	EACH	4	4					
550A0050*	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	325	325					
550A0390*	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	298	298					
550A0380*	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	94	94					
550A0680*	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	45	45					
56100900* △	WATER MAIN 12"	FOOT	1,282	200				1,082	
56400500* △	FIRE HYDRANT TO BE REMOVED	EACH	3	3					
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5					
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2					
60242500*	INLETS, SPECIAL, NO. 1	EACH	9	9					
60255500*	MANHOLES TO BE ADJUSTED	EACH	7	7					
60258000*	MANHOLES TO BE RECONSTRUCTED (SPECIAL)	EACH	1				1		
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3	3					
60266500*	VALVE VAULTS TO BE REMOVED	EACH	10	10					
60500040*	REMOVING MANHOLES	EACH	1	1					
60500060*	REMOVING INLETS	EACH	11	11					
60500105*	FILLING MANHOLES	EACH	18	18					
60500305*	FILLING INLETS	EACH	2	2					
60609100*	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 (VARIABLE WIDTH GUTTER FLAG)	FOOT	43	43					
60610400*	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	3,119	3,119					
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1,625	1,625					
60621900*	CONCRETE MEDIAN, TYPE SM (SPECIAL)	SQ FT	496	496					
60624600	CORRUGATED MEDIAN	SQ FT	185	185					
60625900*	P.C.C. RAMPED MEDIAN TERMINAL	EACH	2	2					
61140200*	STORM SEWERS, SPECIAL 12"	FOOT	335	335					
61140600*	STORM SEWERS, SPECIAL 18"	FOOT	43	43					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	20	20					
67100100	MOBILIZATION	L SUM	1	1					
70101700*	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	300	300					
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	586	586					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	196	196					
78001100 △	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	369.6	369.6					
78001110 △	PAINT PAVEMENT MARKING LINE - 4"	FOOT	2,948	2,948					
78001130 △	PAINT PAVEMENT MARKING LINE - 6"	FOOT	875	875					
78001140 △	PAINT PAVEMENT MARKING LINE - 8"	FOOT	399	399					
78001150 △	PAINT PAVEMENT MARKING LINE - 12"	FOOT	167	167					
78001180 △	PAINT PAVEMENT MARKING LINE - 24"	FOOT	288	288					
78100100 △	RAISED REFLECTIVE PAVEMENT MARKER	EACH	97	97					
80500100* △	SERVICE INSTALLATION, TYPE A	EACH	1			1			
81012600 △	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	253			253			
81012700 △	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	26			26			

△ SPECIALTY ITEMS

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION - TYPE CODES (L1C) J000 ROADWAY	X028-2A BOX C. /BRIDGE	Y031-1F SIGNALS	Y080	NON-PART. (07C Y060) SAN. SEWER	WATER MAIN
81012800 △	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	8			8			
81012900 △	CONDUIT IN TRENCH, 3 1/2" DIA., PVC	FOOT	273			273			
81013000 △	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	10			10			
81400100 △	HANDHOLE	EACH	2			2			
81400300 △	DOUBLE HANDHOLE	EACH	1			1			
81702110 △	ELECTRIC CABLE IN CONDUIT, 600 V (XLP TYPE USE) 1/C NO.10	FOOT	694			694			
81702130 △	ELECTRIC CABLE IN CONDUIT, 600 V (XLP TYPE USE) 1/C NO.6	FOOT	347			347			
81900200 △	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	570			570			
82103250 △	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO CELL CONTROL, 250 WATT	EACH	3			3			
85700200* △	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1			1			
87301215 △	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	633			633			
87301225 △	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	670			670			
87301245 △	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,065			1,065			
87301255 △	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	349			349			
87301515 △	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO.18 3 PAIR	FOOT	657			657			
87301805 △	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	225			225			
87502480 △	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT.	EACH	1			1			
87702840 △	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1			1			
87702930 △	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1			1			
87702960 △	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1			1			
87800100 △	CONCRETE FOUNDATION, TYPE A	FOOT	3			3			
87800200 △	CONCRETE FOUNDATION, TYPE D	FOOT	3.5			3.5			
87800400 △	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10			10			
87800415* △	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	26			26			
88040070 △	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3 SECTION, BRACKET MOUNTED	EACH	2			2			
88040090 △	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3 SECTION, MAST - ARM MOUNTED	EACH	6			6			
88040150 △	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5 SECTION, BRACKET MOUNTED	EACH	1			1			
88040160 △	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5 SECTION, MAST ARM MOUNTED	EACH	1			1			
88102717 △	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4			4			
88200410 △	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	7			7			
88500100 △	INDUCTIVE LOOP DETECTOR	EACH	3			3			
88600100 △	DETECTOR LOOP, TYPE 1	FOOT	411			411			
88800100 △	PEDESTRIAN PUSH BUTTON	EACH	4			4			
X0320374* △	PLUG EXISTING SANITARY SEWERS	EACH	5	5					
X0320591* △	SANITARY MANHOLES TO BE REMOVED	EACH	2	2					
X0322508* △	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	889		889				
X0322923*	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	1,024	1,024					
X0324082* △	RIFFLE STRUCTURE	EACH	3		3				
X0324440* △	CONNECT TO EXISTING WATER MAIN 8"	EACH	1						1
X0325055*	CONCRETE MEDIAN SURFACE, (STAMPING)	SQ FT	1,625	1,625					
X5640175* △	FIRE HYDRANT COMPLETE	EACH	3	3					
XX000649*	SEEDING, SPECIAL	SQ YD	4,743		4,743				
XX000868*	SELECT GRANULAR BACKFILL	CU YD	4,907	3,319				847	741
XX000968*	INLETS, TYPE 700	EACH	13	13					
XX001047*	VALVE VAULTS TO BE ABANDONED	EACH	7	7					
XX001429*	FORM LINER TEXTURED SURFACE	SQ YD	55		55				
XX002082* △	SANITARY SEWER REMOVAL 24"	FOOT	100	100					
XX003358* △	SANITARY MANHOLE, 5' DIA.	EACH	2	2					
XX003803* △	SANITARY SEWER SERVICE 6"	FOOT	226					226	
XX007537 △	ELECTRIC CABLE IN CONDUIT, EVP, NO. 14 2/C	FOOT	335			335			
XX007538 △	ELECTRIC CABLE IN CONDUIT, EVP, NO. 16 3/C	FOOT	335			335			
XX004010* △	OPIC 4 CARD & RACK IN CONTROLLER	EACH	1			1			
XX004011* △	TOMAR EVP SIGNAL SENSOR	EACH	2			2			
XX007539 △	PLUG WATER MAIN 12"	EACH	2						2
XX004707* △	CONNECT TO EXISTING WATER MAIN 4"	EACH	2						2
XX005773* △	CONNECT TO EXISTING WATER MAIN 12"	EACH	2						2
XX005963*	ANTI-GRAFFITI COATING	SQ FT	500		500				
XX007540 △	SANITARY SEWER SERVICE 4"	FOOT	305					305	
XX006241* △	GATE VALVE AND BOX 8"	EACH	1						1
XX006261* △	STEEL CASING PIPE AUGERED AND JACKED 20"	FOOT	160					60	100
XX007263* △	GATE VALVE WITH BOX 4"	EACH	1						1
XX007541 △	BUTTERFLY VALVE, 12" DIA. W/ VAULT	EACH	3						3
XX007542 △	WATER SERVICE PROTECTION	FOOT	154						154
XX007543 △	1" COPPER SERVICE COMPLETE	EACH	9						9
XX007544 △	SANITARY (9" DIAMETER DROP) MANHOLE, 5' DIAMETER	EACH	1	1					
XX007545 △	SANITARY (10" DIAMETER DROP) MANHOLE, 5' DIAMETER	EACH	1	1					
XX007546 △	SANITARY (12" DIAMETER DROP) MANHOLE, 6' DIAMETER	EACH	1	1					
XX007547 △	SANITARY (12" DIAMETER DROP) MANHOLE, 6' DIAMETER, SPECIAL	EACH	1	1					
XX007548 △	GRANULAR CRADLE AND INITIAL BACKFILL	CU YD	1,280	611				226	443
XX007549	INLETS, TYPE 700 (DRIVEWAY)	EACH	1	1					
Z0005400*	BREAKER-RUN CRUSHED STONE	TON	1,948	1,538	410				
Z0012450*	CONCRETE STEPS	CU YD	3.98	3.98					
Z0048665*	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.75				0.25	
Z0057100* △	SANITARY SEWER 12"	FOOT	350					350	
Z0057400* △	SANITARY SEWER 21"	FOOT	16	16					
Z0057500* △	SANITARY SEWER 24"	FOOT	937	937					
+ Z0076600	TRAINEES	HOURS	1,000				1,000		

+ Y080