

# SUMMARY OF QUANTITIES

URBAN				FAP 352 90% FED. 10% STATE	FAU 2111 90% FED. 10% STATE	FAU 2711 90% FED. 5% STATE 5% LAKE CO.	100% NORTH CHICAGO
LOCATION OF WORK				CONSTRUCTION CODE			
SUMMARY OF QUANTITIES				Y031 1F	Y031 1F	Y031 1F	Y031 3D
CODE NO.	ITEM	UNIT	GRAND TOTAL	MERIDIAN DR & IL RT. 137	SARATOGA & IL RT. 131	MLK & IL RT. 131	MLK & IL RT. 131
20200100	EARTH EXCAVATION	CU YD	40			40	
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A, 4"	SQ YD	90			90	
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	12			12	
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	10			10	
44000500	COMBINATION CURB & GUTTER REMOVAL	FOOT	250.0			250.0	
44003100	MEDIAN REMOVAL AND	SQ FT	650.0			650.0	
44200974	CLASS B PATCHES, TYPE III, 10" INCH	SQ YD	90.0			90.0	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	2	2	2.00	
67100100	MOBILIZATION	L SUM	1	0.33	0.33	0.34	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.33	0.33	0.34	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	0.33	0.33	0.34	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.33	0.33	0.34	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.33	0.33	0.34	
** 72000100	SIGN PANEL - TYPE 1	SQ FT	37.5	37.5			
** 72000200	SIGN PANEL - TYPE 2	SQ FT	110.0	27.5	27.5	55	
** 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	37.5	37.5			
** 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	438.0	220.0	218.0		
** 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	485.0			485.0	
** 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	570.0			570.0	
** 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	385.0	210.0	95.0	80.0	
** 78300400	THERMOPLASTIC PAVEMENT MARKING REMOVAL	SQ FT	1055.0	530.0	260.0	265.0	
20062450	SAWING PAVEMENT (FULL DEPTH)	FOOT	250.0			250.0	
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	891.0		295.0	596.0	
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	202.0	36.0	28.0	138.0	
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	10.0			10.0	
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	430.0			430.0	
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	579.0		143.0	436.0	
81400100	HANDHOLE	EACH	8		1	7	
81400200	HEAVY-DUTY HANDHOLE	EACH	4			4	
81400300	DOUBLE HANDHOLE	EACH	1			1	
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1033.0	36.0	323.0	674.0	
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	1	1	1	
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2			1	
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	335.0		335		
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	735.0		335		400
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4557.0	1759.0	606.0	2192.0	
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2241.0		200.0	2041.0	
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2074.0			2074.0	
87301805	ELECTRIC CABLE IN CONDUIT, NO. 6 2C (SERVICE)	FOOT	446.0		403.0	43.0	
87900200	DRILL EXISTING HANDHOLE	EACH	10	2	8		
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1		1		
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	8	6	2		
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2		1	1	
87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1		1		
87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1			1	
87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1	1			
87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	2			2	
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1		1		
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1	1			
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1			1	
87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1			1	
87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1			1	
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1			1	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4			4.0	
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4			4.0	
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	67.0	15.0	15.0	37.0	
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	84.0	15.0	15.0	54.0	
88030050	SIGNAL HEAD, L E D, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	10	8	2		
88030020	SIGNAL HEAD, L E D, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	24	10	6	8	
88030100	SIGNAL HEAD, L E D, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3		2	1	
88030110	SIGNAL HEAD, L E D, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	9		2	7	
88030210	SIGNAL HEAD, L E D, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2	2			
88500100	INDUCTIVE LOOP DETECTOR	EACH	14		6	8	
88600100	DETECTOR LOOP, TYPE I	FOOT	755			755.0	
88102717	PEDESTRIAN SIGNAL HEAD, L E D, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6	2	4		
88102747	PEDESTRIAN SIGNAL HEAD, L E D, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1	1			
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	33	10	8	15	
88700200	LIGHT DETECTOR	EACH	2				2
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1				1
88800100	PEDESTRIAN PUSH-BUTTON	EACH	7	3	4		
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1			1	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3	1	1	1	
89502380	REMOVE EXISTING HANDHOLE	EACH	17			17	
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9	2	2	5	
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	308.4	102.8	102.8	102.8	
X8050015	SERVICE INSTALLATION-POLE MOUNTED	EACH	2		1	1	
X86200020	UNINTERRUPTABLE POWER SUPPLY	EACH	3	1	1	1	
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO.6 1C	FOOT	1138.0		403.0	735.0	
X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	400.0				400

\*CITY OF NORTH CHICAGO  
100% RESPONSIBLE FOR COSTS  
\*\* Specialty Items

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIX TYPE	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PG 64-22	4% @ 70 CYRATIONS

-THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN

**RWA**  
 Regina Webster & Associates, Inc.  
 REGINA WEBSTER  
 AND ASSOC. INC.  
 CIVIL ENGINEERING CONSULTANTS  
 6160 North Cicero Avenue, Suite 500  
 Chicago, Illinois 60631-1369

FILE NAME =	USER NAME = #USER#	DESIGNED - JS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#	PLOT SCALE = #SCALE#	DRAWN - DW	REVISED -			VAR.	2009-006 TS	LAKE	21	2	
	PLOT DATE = #DATE#	CHECKED - JD	REVISED -			CONTRACT NO. 60G02					
		DATE - 01/29/09	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

SCALE: NONE SHEET NO. 2 OF 21 SHEETS STA. TO STA.