

PAY CODE NUMBER	SUMMARY OF QUANTITIES ITEM	UNIT	CONSTRUCTION TYPE CODE 0021		
			TOTAL QUANTITY	HARLEM @ WHEELER QUANTITY	HARLEM @ 157TH QUANTITY
20200100	EARTH EXCAVATION	CU YD	8.7	3.9	4.8
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	34.7	15.7	19.0
42001300	PROTECTIVE COAT	SQ YD	90.0	39.9	50.1
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	763	359	404
42400800	DETECTABLE WARNINGS	SQ FT	160	80	80
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	51	20	31
44000600	SIDEWALK REMOVAL	SQ FT	278	218	60
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	19		19
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	32	20	12
67000400	ENGINEER'S FIELD OFFICE, TYPE A	FOOT	4	2	2
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.5	0.5
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5	0.5
* 72000100	SIGN PANEL - TYPE 1	SQ FT	65.0	40.0	25.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1001	558	443
80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1		1
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	716	716	
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	74	74	
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	107	90	17
81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	47	47	
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	378	378	
81400100	HANDHOLE	EACH	5	5	
81400200	HEAVY DUTY HANDHOLE	EACH	2	2	
81400300	DOUBLE HANDHOLE	EACH	2	2	
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	2	1	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2580	1366	1214
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3615	1719	1896
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3265	1947	1318
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	763	763	
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1908	1808	100
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	140	112	28
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	745	674	71
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2	2	
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2	2	
87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	2	2	
87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 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
87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1		1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16	16	
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4	4	
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	70	44	26
87900200	DRILL EXISTING HANDHOLE	EACH	6		6
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	18	8	10
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4	2	2
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4	2	2
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4	2	2
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8	4	4
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4	2	2
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	22	10	12
88500100	INDUCTIVE LOOP DETECTOR	EACH	15	8	7
88600100	DETECTOR LOOP, TYPE 1	FOOT	1370	1083	287
88700200	LIGHT DETECTOR	EACH	5	2	3
88700300	LIGHT DETECTOR AMPLIFIER	EACH	2	1	1
88800100	PEDESTRIAN PUSH BUTTON	EACH	16	8	8
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1	
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	678		678
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	662	662	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	1	1
89502380	REMOVE EXISTING HANDHOLE	EACH	6	6	
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	11	9	2
X8570225	FULL-ACTUATED CONTROLLER AND CABINET, TYPE IV, SPECIAL	EACH	2	1	1
X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT	845	297	548
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51.4	25.7	25.7
Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	2	1	1
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1	
X86202.00	UNINTERRUPTIBLE POWER SUPPLY SPECIAL	EACH	2	1	1

* 100% OF COST TO THE ORLAND FIRE PROTECTION DISTRICT
 * Specialty Items

FILE NAME = \MICROST\352100\ 03-SUMMARY.DGN	USER NAME = JGC	DESIGNED - BPT	REVISED -
		DRAWN - JGC	REVISED -
		CHECKED - BPT	REVISED -
		DATE - 10-21-11	REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
IL ROUTE 43 (HARLEM AVENUE) AT WHEELER DRIVE AND 157TH STREET**

F.A.P. RTE. 348	SECTION 2011-039-TS	COUNTY COOK	TOTAL SHEETS 20	SHEET NO. 3
CONTRACT NO. 60P45				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PREPARED BY:
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