

LOCATION OF WORK		U.S. RTE 12-45 (MANNHEIM RD.) AT											
SUMMARY OF QUANTITIES		CONSTRUCTION CODE											
CODE NO.	ITEM	UNIT	GRAND TOTAL	Y031-1F BELMONT AV. & GRAND AV. *	Y031-1F WRIGHTWOOD AV. & FULLERTON AV. **	Y031-1F ARMITAGE AV. +	Y031-1F NORTH/SOUTH RETAIL ENTR. ◆	Y031-1F HIRSCH AV. ★	Y031-1F LAKE ST. & OTHERS (SEE NOTE) ◀	Y031-1F ST. CHARLES RD. & RANDOLPH ST. ■	Y031-1F WASHINGTON BLVD. & MADISON AV. ▲	Y031-1F GLADYS AV. ■	Y031-1F CANTERBURY ST. & BALMORAL AV. ●
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5255	249	1357	825	1053	1571					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	77	50	27								
44000600	SIDEWALK REMOVAL	SQ FT	5255	249	1357	825	1053	1571					
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	77	50	27								
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	0.53	0.94	0.94	0.47	0.94	0.47	1.48	0.94	0.94	0.47	0.94
67100100	MOBILIZATION	L SUM	1	0.1	0.1	0.05	0.1	0.05	0.25	0.1	0.1	0.05	0.1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.1	0.1	0.05	0.1	0.05	0.25	0.1	0.1	0.05	0.1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.1	0.1	0.05	0.1	0.05	0.25	0.1	0.1	0.05	0.1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.1	0.1	0.05	0.1	0.05	0.25	0.1	0.1	0.05	0.1
72000100	SIGN PANEL - TYPE 1	SQ FT	1064	16.5	18	58.5		27					944
72000200	SIGN PANEL - TYPE 2	SQ FT	472.5	30	30	30	30	30			57.5		265
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	7658	808	808	272		456	2265	872	744	72	1361
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	2380	340	285	134	211	114	798	255	226	17	
78300400	THERMOPLASTIC PAVEMENT MARKING REMOVAL	SQ FT	9166	1440	1220	264	422	716	3437	451	1091	125	
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	3708	406	385	449	1283	465			720		
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	242	105	7	39	73				18		
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	75				75						
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	19			10							
81001100	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	56		5		20	10					
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	1408	261	292	191	95	168			401		
81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	308		67	38	101	25			77		
81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	166		17		105	44					
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	1713	319	220	342	191	256			385		
81019000	CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL	FOOT	219		86		96	36					
81306500	REMOVE EXISTING JUNCTION BOX	EACH	2				2						
81400100	HANDHOLE	EACH	39	5	4	8	9	5			8		
81400200	HEAVY-DUTY HANDHOLE	EACH	20	4	4	2	4	2			4		
81400300	DOUBLE HANDHOLE	EACH	10	2	2	1	2	2			1		
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	4270	624	397	493	1545	470			741		
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	11	1	1						1		2
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	16	2	2	1	2	1	1	2	2	1	2
85700305	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	2						2				
86000105	MASTER CONTROLLER (SPECIAL)	EACH	1						1				
86400100	TRANSCEIVER - FIBER OPTIC	EACH	12	2	2	1	2	1	1	1	2		
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	5001	327	1228	300	553				2441	152	
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	7669	1253	1492	1461	1177	437			1689	160	
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	14015	1896	2161	2092	4660	2076			875		255
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	7654	1880	1471	703	846	715	444		1595		
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	15246	3243	3438	2250	2171	1867			2277		
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	802	141	162	103	143	143			110		
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	15812						15812				
X8710020	FIBEROPTIC CABLE IN CONDUIT, NO62.5/125, MM12F SM12F	FOOT	15812						15812				
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	4166		447	569	805	459			1334		
X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3C, TWISTED, SHIELDED	FOOT	1380	539	277	244					320		
XX002264	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	128			128							
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	9	2		2	4	1					
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	20	6	4	2	2	2			4		
87700140	STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.	EACH	2										
87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	2					2					
87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1	1									
87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	4				4						
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1								1		
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2		2								
87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	4	1							3		
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	4		1	1	1	1					
87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	3	1	1		1						
87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1			1							
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1					1					
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1	1									
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	100	16	16	16	24	12			16		
87800150	CONCRETE FOUNDATION, TYPE C 18 INCH	FOOT	28	4	4	4	8	4			4		
87800400	CONCRETE FOUNDATION, TYPE E 30- DIAMETER	FOOT	165	15	30	30	60	30					
87800415	CONCRETE FOUNDATION, TYPE E 36- DIAMETER	FOOT	225	45	30	30	30	30			60		
87900200	DRILL EXISTING HANDHOLE	EACH	4						2				
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	175	27	26	12	18	12	46	12	14		8
88500100	INDUCTIVE LOOP DETECTOR	EACH	169	23	20	10	10	8	42	14	20	6	16
88600100	DETECTOR LOOP, TYPE I	FOOT	5260	1152	1079	800	1064	500			665		
88800100	PEDESTRIAN PUSH-BUTTON	EACH	73	7	8	3		4	15	8	11	2	15
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	7	1	1	1	2	1			1		
89100400	ILLUMINATED SIGN, L E D	EACH	4			4							
89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	8	2	2	2					2		
89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	4	1	1	1					1		
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	18478	1328					17150				
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	16	2	2	1	2	2		2	2		2
89502380	REMOVE EXISTING HANDHOLE	EACH	60	10	7	6	12	9			16		
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	72	9	9	9	13	7			25		
88030020	SIGNAL HEAD, L E D, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	132	21	20	10	16	10	40		5	6	4
88030050	SIGNAL HEAD, L E D, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	19	2	2	2	6	2		1			4
88030030	SIGNAL HEAD, L E D, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH	14									14	
88030100	SIGNAL HEAD, L E D, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	28	4	6	2	2	2	3	1	8		
88030110	SIGNAL HEAD, L E D, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	43	6	6	2	2	2	6	3	8		4
88030210	SIGNAL HEAD, L E D, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	7							3			4
88030220	SIGNAL HEAD, L E D, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3							1	2		
88030240	SIGNAL HEAD, L E D, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	13	2						7	2		2
88102710	PEDESTRIAN SIGNAL HEAD, L E D, 1-FACE, BRACKET MOUNTED	EACH	8			2				6			
88102717	PEDESTRIAN SIGNAL HEAD, L E D, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	40	2	6				6		10	2	14
88102740	PEDESTRIAN SIGNAL HEAD, L E D, 2-FACE, BRACKET MOUNTED	EACH	1			1							
88102747	PEDESTRIAN SIGNAL HEAD, L E D, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	19	4	2			4	4	4			1
X0326269	PEDESTRIAN SIGNAL HEAD, L E D, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2						2				
X0325737	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	7	1	1	1	2	1			1		
X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	6	1	1	1	2	1					
X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	18	2	2	1	2	1	3	2	2	1	2
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1			1							
Z0076600	TRAINEES	HOUR	500	500									
X0325890	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	2						2				
X0326270	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE V CABINET (SPECIAL)	EACH	1			1							

- NOTE:**
- \* 90% FED  
7.5% STATE  
2.5% FRANKLIN PK.
  - \*\* 90% FED  
5% STATE  
5% LEYDEN
  - + 90% FED  
5% STATE  
3.75% MELROSE PK.  
1.25% WLAKE CITY
  - ◆ 90% FED  
10% MELROSE
  - ★ 90% FED  
5% STATE  
5% STONE PK.
  - ◀ 90% FED  
10% STATE  
Roosevelt Rd. & CERMAK RD. & INTERCONNECT
  - 90% FED