

**TRAFFIC SIGNAL SUMMARY OF QUANTITIES**

CODE NUMBER	ITEM	UNIT	TOTAL	IL RTE 173 AND I-94 RAMP B			IL RTE 173 AND I-94 RAMP A		IL RTE 173 AND HUNT CLUB ROAD	INTERCONNECT
				IDOT	NTFPD	LC DOT	IDOT	NTFPD	IDOT	IDOT
72000200	SIGN PANEL - TYPE 2	SQ FT	16.25				16.25			
80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	2	1			1			
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	4,329	621		690	1230	128	1660	
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	248	83			165			
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	202	39			163			
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	892	374			498	20		
81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	325						325	
81400100	HANDHOLE	EACH	4	2			2			
81400200	HEAVY-DUTY HANDHOLE	EACH	13	4		1	4		4	
81400300	DOUBLE HANDHOLE	EACH	4	1			3			
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1					1		
86400100	TRANSCEIVER - FIBER OPTIC	EACH	3	1			1	1		
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3,844			748			3096	
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,617		377	76		1164		
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5,275	1325			3950			
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	574	574						
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4,656	2077			2579			
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	490	106			142	242		
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2,056	757			1071	228		
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	7	2			5			
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1	1						
87700140	STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.	EACH	1				1			
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1				1			
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1				1			
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1	1						
87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1	1						
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	32	12			20			
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	12	4			4	4		
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10				10			
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	50	26			24			
87900200	DRILL EXISTING HANDHOLE	EACH	6			1		4	1	
87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	1					1		
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	10	4			6			
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	9	2			7			
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1	1						
88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1	1						
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	11	5			6			
88500100	INDUCTIVE LOOP DETECTOR	EACH	14	6			8			
88600700	PREFORMED DETECTOR LOOP	FOOT	1,050	279			771			
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2	1			1			
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	250					250		
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3	1			1	1		
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1					1		
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1,541		377			1164		
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	3	1			1	1		
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	3	1			1	1		
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	3,844			748			3096	
X8730800	ELECTRIC CABLE IN CONDUIT, VIDEO, NO. 20 4 C	FOOT	76			76				
X8950115	RELOCATE LIGHT DETECTOR	EACH	5	2			3			
X8950120	RELOCATE LIGHT DETECTOR AMPLIFIER	EACH	2	1			1			
Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1						1	
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2	1			1			
X0327425	RELOCATE WIRELESS INTERCONNECT (COMPLETE)	LSUM	1						1	
XX005940	REMOTE-CONTROLLED VIDEO SYSTEM	EACH	1			1				
XX007952	TERMINAL SERVER	EACH	1			1				
XX008253	VIDEO ENCODER	EACH	1			1				
X8730571	ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	76			76				
X0327211	RELOCATE SWITCH	EACH	1			1				
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	2	1			1			
87301740	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 22 4 PAIR	FOOT	942			942				

\* DENOTES 100% OF COST TO NEWPORT TOWNSHIP FIRE PROTECTION DISTRICT



FILE NAME =	USER NAME = grol	DESIGNED - GR	REVISED 7/17/12 BKS
		DRAWN - GR	REVISED -
		CHECKED - BKS	REVISED -
PLOT SCALE = none		DATE - 06/19/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TRAFFIC SIGNAL SUMMARY OF QUANTITIES</b>			
<b>IL RTE 173 AT I-94</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

F.A.I. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 332
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60L77

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