

F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	0-11R	KENDALL	514	364
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAY ITEM NO.	ITEM	UNIT	INTERSECTION						INTERCONNECT	TOTAL
			IL RTE 71 @ ORCARD RD./ MINKLER RD.	IL RTE 71 @ DOUGLAS STREET	IL RTE 71 @ FOREST AVENUE	IL RTE 71 @ WASHINGTON ST./ PLAINFIELD RD.	PLAINFIELD RD @ GROVE RD./ WILMETTE AVE.	IL RTE 71 @ OSWEGO HIGH SCHOOL ENT.		
* 70106800	CHANGEABLE MESSAGE SIGN	CAL MO		2						2
72000100	SIGN PANEL - TYPE 1	SQ FT	38	14	38	38	23			151
72000200	SIGN PANEL - TYPE 2	SQ FT	50	25	23	60	55			213
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1	1	1	1			5
80500010	SERVICE INSTALLATION- GROUND MOUNTED	EACH	1	1	1	1	1			5
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	1,257	289	688	1,318	391	58		4,001
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	2,214	1,004	1,086	1,120	765		8,739	14,928
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	55	20	60	100	16			251
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	94	44	113	71	88			410
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	1,007	597	702	995	563			3,864
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	7	6	5	10	5		19	52
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3	1	1	1	1			7
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3,423	1,359	2,787	2,993	2,262			12,824
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH		2	4		3			9
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	4			4				8
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240 VOLT- 60 AMP	EACH	1	1	1	1	1			5
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1	1	1		1	5
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1	1	1	1	1			5
* 86000300	MASTER CONTROLLER IN TYPE V CABINET	EACH							1	1
86200300	UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1	1	1	1	1		1	6
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1	1	1	1	1		1	6
87100160	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 24F	FOOT							14,379	14,379
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT							14,379	14,379
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT		205	885	2,757	204			4,051
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,223	983	1,906	3,859	1,041			9,012
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3,211	2,290	1,733	4,430	2,034			13,698
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3,261	274	1,671	1,151	474			6,831
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	8,094	2,664	3,486	6,420	2,193	2,342		25,199
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	100	100	100	100	20			420
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	973	625	774	987	559			3,918
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH				1				1
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4	1	4	6	2			17
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH		1						1
87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH					1			1
87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH					1			1
87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH					1			1
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH								0
87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH								0
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH		1						1
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH		1	2					3
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH				1				1
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH			1					1
87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH			1					1
87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH					1			1
87703050	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 64 FT.	EACH					1			1
87703070	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 66 FT.	EACH					1			1
87703090	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 70 FT.	EACH	4							4
87703120	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 75 FT.	EACH					1			1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16	4	16	28	8			72
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8	8	8	8	8			40
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT		45	66	17	39			167
* 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	100			71	21			192
87900200	DRILL EXISTING HANDHOLE	EACH							1	1
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3	2	2	6	3			16
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	10	7	6	14	7			44
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5	1	4	2	1			13
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	5	1	4	2	2			14
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH		2	6	12	2			22
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	23	11	16	24	13			87
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	23	8	14	24	9	4		82
88600100	DETECTOR LOOP, TYPE I	FOOT	3,712	1,215	2,091	3,802	1,311	1,522		13,653
88700200	LIGHT DETECTOR	EACH	4	3	4	4	4			19
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1	1	1	1	1			5
88800100	PEDESTRIAN PUSH-BUTTON	EACH		2	6	12	2			22
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1	1	1	1		5
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1	1	1			4
* 89502380	REMOVE EXISTING HANDHOLE	EACH	8		4	4	4			20
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9		1	6	4			20
* *	ELECTRIC CABLE IN CONDUIT, NO. 20 3/4 TWISTED SHIELD	FOOT	1,223	761	963	978	819			4,744
* *	TEMPORARY TRAFFIC SIGNAL INTERCONNECT SYSTEM	LSUM								1
* X8410105	TEMPORARY LIGHTING SYSTEM	EACH	1		1	1	1			1
* Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH							1	1

* DENOTES SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL SUMMARY OF QUANTITIES

SCALE: N.T.S.
DATE: 7/9/2012

DRAWN BY: NMR
CHECKED BY: D.J.