

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

VARIOUS LOCATIONS IN DISTRICT 1/CONTRACT #1
LIGHT EMITTING DIODE (LED) INSTALLATION

2014-090TS
VARIOUS COUNTIES

C-91-179-15

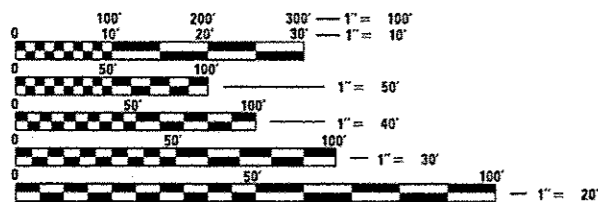
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	2014-090TS	VARIOUS	76	1
ILLINOIS		CONTRACT NO. 62A42		

76 41 = 77

FOR INDEX OF SHEETS, SEE SHEET NO. 2

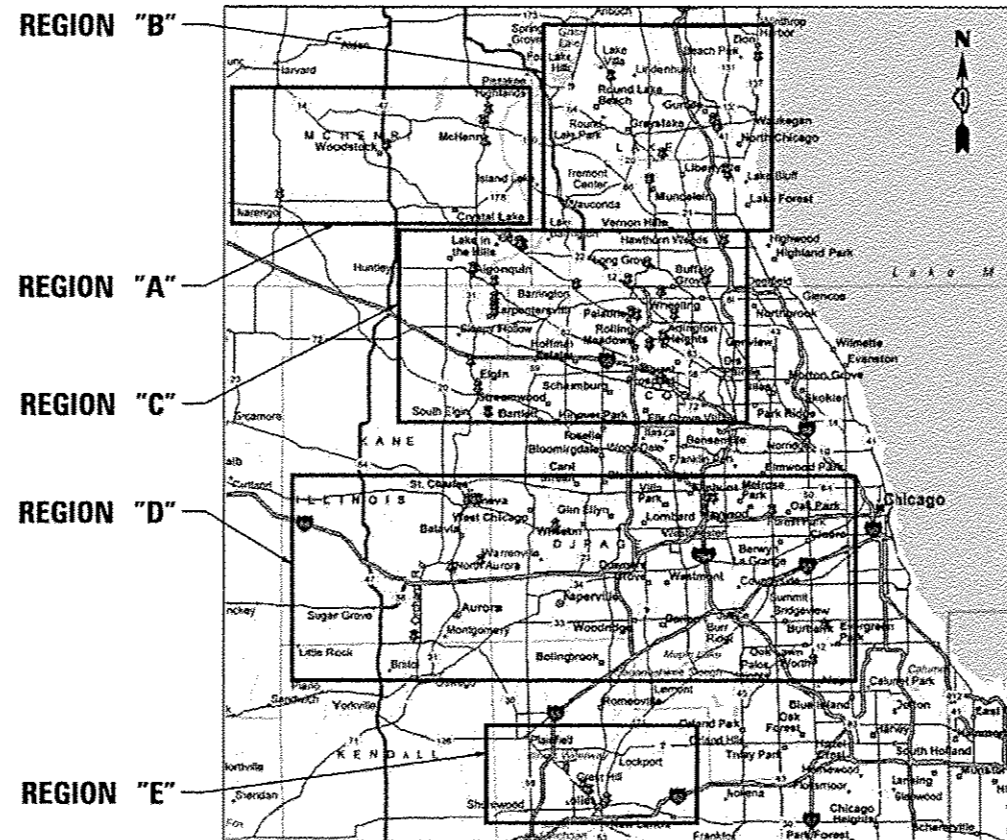
HIGHWAY STANDARDS

- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701101-04 OFF-ROAD OPERATIONS MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701701-09 URBAN LANE CLOSURE MULTILANE INTERSECTION
- 701901-04 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAIL
- 720006-04 SIGN PANEL ERECTION DETAILS
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 862001-01 UNINTERRUPTABLE POWER SUPPLY (UPS)
- 880001-01 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



LOCATION MAP
SEE SHEET NO. 3 & 4

PROJECT ENGINEER: LUKASZ POCIECHA
PROJECT MANAGER: SUDUD MAHMOUD

CONTRACT NO. 62A42



Signed *Daniel Wiktorzak*
DANIEL WIKTORZAK, P.E. IL. Lic. No. 062-060950
Expires 11-30-2015
Date 2/3/15

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Feb 4 2015
John Fortmann
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Mar 20 2015
John D. Baranowski, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Mar 20 2015
Omair E. Elmer, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS



Rev. 4-7-15



INDEX OF SHEETS

- 1 COVER SHEET
2 INDEX OF SHEETS & GENERAL NOTES
3-4 LOCATION MAP
5-9 SUMMARY OF QUANTITIES
10-16 DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS

TRAFFIC SIGNAL PLANS:

Table with columns: PAGE#, TS#, INTERSECTION NAME. Lists various intersections such as IL RTE 62 (ALGONQUIN RD) AT IL RTE 31 (MAIN ST), IL RTE 62 (ALGONQUIN RD) AT HARRISON ST, etc.

76A, 5635 PALATINE RD. AT WINSTON RD.
76B, 22456 IL 58 OTTAWA AT JACKSON ST.

GENERAL NOTES:

- 1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
2. CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470, 72 HOURS IN ADVANCE OF BEGINNING WORK.
3. CONTRACTOR SHALL REPLACE ALL METAL MOUNTING BRACKETS AT ALL RETROFIT SIGNAL HEAD INTERSECTIONS WITH NEW POLYCARBONATE BRACKETS OR AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CORRESPONDING SIGNAL HEAD, LED, RETROFIT PAY ITEM OF THE TYPE AND NUMBER OF SIGNAL HEADS, FACES, AND SECTIONS AS SPECIFIED IN THE PLANS.
4. CONTRACTOR SHALL RELOCATE ANY EXISTING SIGN PANELS, INCLUDING BLANK OUT SIGNS, FROM PAINTED POSTS THAT ARE INDICATED FOR REPLACEMENT TO A NEW POST AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL, RELOCATION AND ANY NEW MOUNTING HARDWARE NECESSARY TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE TRAFFIC SIGNAL POST, GALVANIZED STEEL PAY ITEM OF THE LENGTH AS SPECIFIED IN THE PLANS.
5. DUE TO THE PRESENCE OF A RED LIGHT RUNNING (RLR) CAMERA FOR THE BELOW LISTED LOCATIONS, CONTRACTOR SHALL NOTIFY THE VILLAGE AND RLR CAMERA COMPANY PRIOR TO THE START OF CONSTRUCTION. THE VILLAGE OR THE RLR CAMERA COMPANY SHALL MAKE THE CAMERA INOPERATIVE FOR THE TIME OF CONSTRUCTION. ANY RLR CAMERA EQUIPMENT THAT IS IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY ITS RESPECTIVE OWNERS PRIOR TO THE START OF CONSTRUCTION.

RLR CAMERA LOCATION:
7095 - IL RTE 137 AVE AT BUTTERFIELD RD
VILLAGE OF LIBERTYVILLE GATSO USA, INC.
200 W. COOK AVENUE 900 CUMMINGS CENTER, SUITE 321-U
LIBERTYVILLE, IL 60048 BEVERLY, MA 01915
847-918-2100 978-922-7294
RLR CAMERA LOCATION:
6200 - IL RTE 38 (ROOSEVELT RD) AT WINFIELD RD
VILLAGE OF WINFIELD REDSPEED ILLINOIS
27 W. 465 JEWELL ROAD 400 EISENHOWER LANE NORTH
WINFIELD, IL 60190 LOMBARD, IL 60148
630-933-7100 630-317-5700

- 6. AT LOCATIONS ON THE PLANS WHERE TRAFFIC SIGNAL POST REMOVAL AND NEW TRAFFIC SIGNAL POST INSTALLATIONS ARE SPECIFIED, THE CONTRACTOR SHALL INSPECT THE EXISTING POST FOUNDATIONS. PRIOR TO REMOVING THE EXISTING TRAFFIC SIGNAL POST TO BE REPLACED THE CONTRACTOR SHALL VERIFY THAT THE PATTERN, SPACING, AND CONDITION OF THE EXISTING ANCHOR BOLT IS ACCEPTABLE FOR REUSE WITH A NEW POST. IF THE EXISTING ANCHOR BOLT CONDITION IS NOT ACCEPTABLE, THE CONTRACTOR SHALL REPLACE ANCHOR BOLT AS DIRECTED BY THE ENGINEER. ANCHOR BOLT REPLACEMENT WILL BE PAID FOR AS "REMOVE AND REPLACE ANCHOR BOLTS". "REMOVE AND REPLACE ANCHOR BOLTS" PAY ITEM QUANTITIES SHOWN ARE NOMINAL AND ONLY TO BE UTILIZED AS APPROVED BY THE ENGINEER.
7. ANY ADDITIONAL CABLE LENGTHS NECESSARY FOR THE PROPER INSTALLATION OF AN UNINTERRUPTABLE POWER SUPPLY, GROUND MOUNTED DUE TO THE LARGER DISTANCE AWAY FROM THE CONTROLLER CABINET SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNINTERRUPTABLE POWER SUPPLY, GROUND MOUNTED PAY ITEM.

8. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARM LENGTHS.

9. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).

10. IF THIS CONTRACT REQUIRES THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS/HER OWN EXPENSE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES PRIOR TO PERFORMING ANY WORK. IF THIS CONTRACT DOES NOT REQUIRE THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING IDOT ELECTRICAL FACILITIES FROM THE DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR PRIOR TO THE START OF ANY WORK. ADDITIONAL REQUESTS MAY BE AT THE EXPENSE OF THE CONTRACTOR. THE LOCATION OF UNDERGROUND TRAFFIC FACILITIES DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.

11. CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.

12. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.

13. PARTIAL PAYMENT AS DESCRIBED IN ARTICLE 109.07(b) OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED FOR ITEMS INCLUDED IN THIS CONTRACT.

14. A CONCRETE APRON SHALL NOT BE REQUIRED FOR NEW UPS INSTALLATIONS ADJACENT TO EXISTING IMPERVIOUS SURFACES THAT SATISFY THE NEED OF THE CONCRETE APRON, AS DIRECTED BY THE ENGINEER.

15. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD. AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

16. THIS PROJECT HAS RECEIVED AN IN-HOUSE ENVIRONMENTAL SIGN-OFF. DUE TO THE RURAL SETTING ANY SOIL EXCAVATED SHALL REMAIN ON SITE. CONTRACTOR SHALL SPREAD THE SOIL AT THE SAME QUADRANT FROM WHICH IT WAS EXCAVATED. THE GRADING SHALL BE DONE SO THAT THE EXISTING DITCH PROFILES AND WATER FLOW PATTERNS ARE MAINTAINED. THIS WORK SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, HANDHOLE, GRADING AND SHAPING DITCHES, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. FINAL GROUND SURFACE SHALL BE COVERED WITH TOPSOIL. SEED AND EROSION CONTROL BLANKET FOR WHICH NOMINAL QUANTITIES HAS BEEN PROVIDED.

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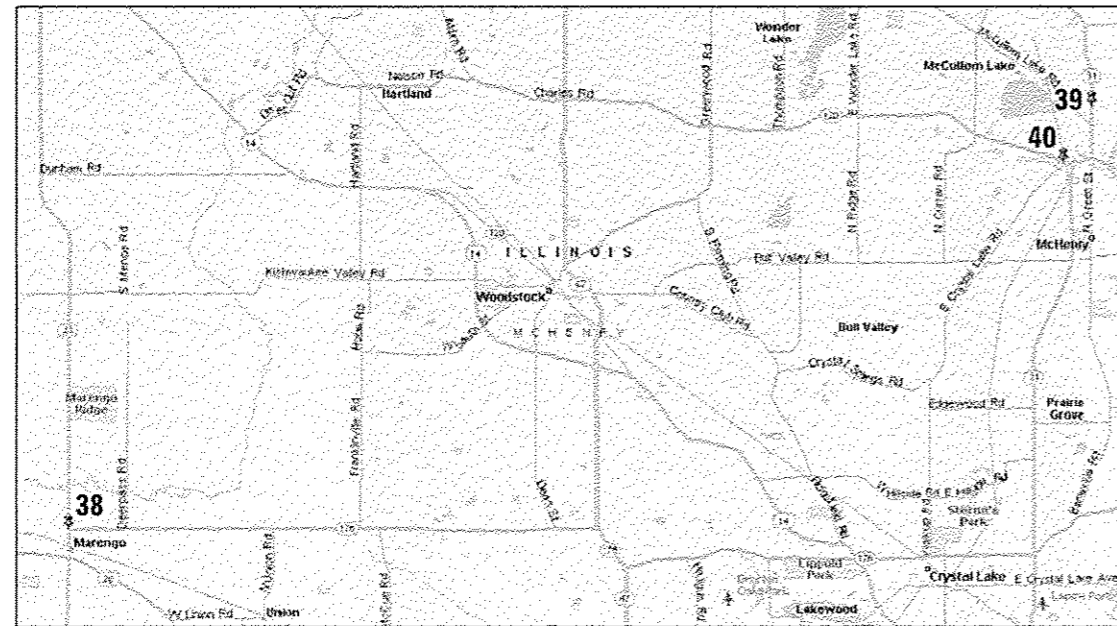
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

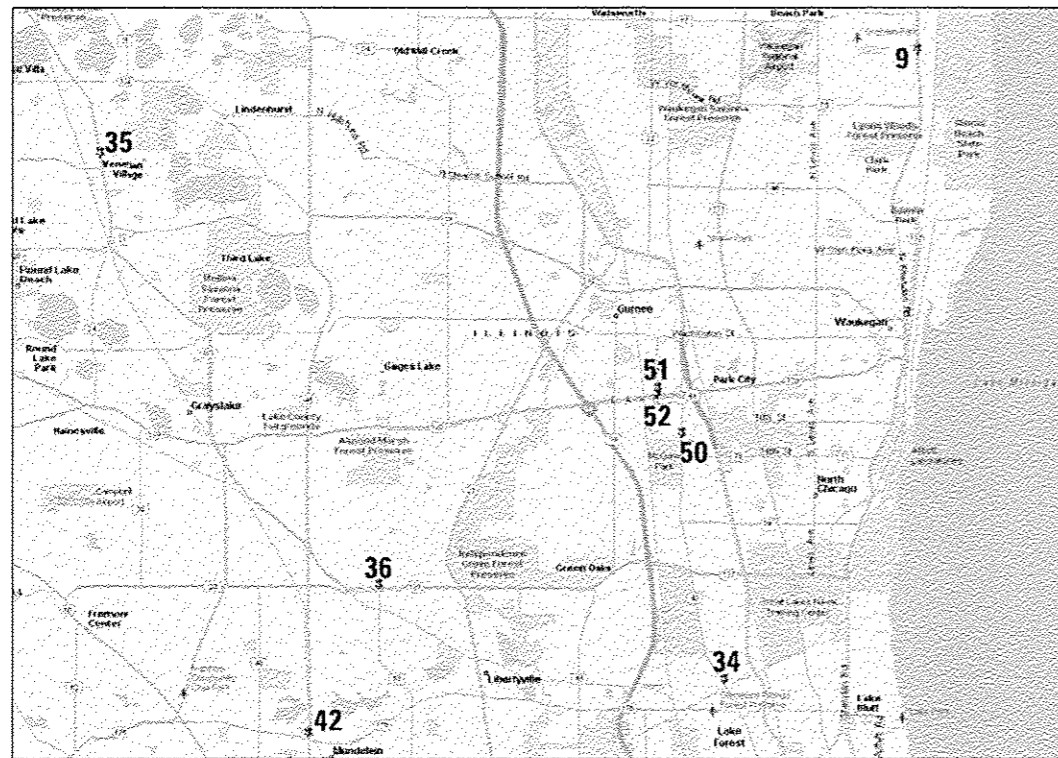
INDEX OF SHEETS & GENERAL NOTES

Table with columns: P.A. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.

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REGION "A"



REGION "B"

LOCATION NO.	REGION	PAGE NO.	TS NO.	LOCATION	MUNICIPALITY	COUNTY
1.	C	17	7280	IL RTE 62 (ALGONQUIN RD) AT IL RTE 31 (MAIN ST)	ALGONQUIN	MCHENRY
2.	C	18	11580	IL RTE 62 (ALGONQUIN RD) AT HARRISON ST	ALGONQUIN	MCHENRY
3.	C	19	3100	IL RTE 68 (DUNDEE RD) AT ARLINGTON HEIGHTS RD	ARLINGTON HTS	COOK
4.	D	20	11485	IL RTE 56 (BUTTERFIELD RD) AT KIRK RD/ FARNSWORTH AVE	AURORA	KANE
5.	C	21	12380	IL RTE 22 AT I-94 EAST RAMP	BANNOCKBURN	LAKE
6.	C	22	20350	IL RTE 22 AT LAKESIDE DR	BANNOCKBURN	LAKE
7.	C	23	4695	US RTE 14 (NORTHWEST HWY) AT EASTERN AVE	BARRINGTON	COOK
8.	C	25	4457	IL RTE 25 AT WEST BARTLETT RD/MIDDLE ST	BARTLETT	KANE
9.	B	26	7190	IL RTE 137 (SHERIDAN RD) AT BEACH RD	BEACH PARK	LAKE
10.	D	27	2693	IL RTE 56 (BUTTERFIELD RD) AT DARMSTADT RD / ATWOOD AVE	BERKELEY	COOK
11.	D	28	5795	ST. CHARLES RD AT TAFT AVE	BERKELEY	COOK
12.	D	29	5800	ST. CHARLES RD AT WOLF RD	BERKELEY	COOK
13.	C	30	760	IL RTE 25 /HAEGERS BEND RD AT IL RTE 62 (ALGONQUIN RD)	CARPENTERSVILLE	KANE
14.	C	31	4310	IL RTE 25 AT KING RD	CARPENTERSVILLE	KANE
15.	C	32	4315	IL RTE 25 AT BESINGER DR	CARPENTERSVILLE	KANE
16.	C	33	4320	IL RTE 25 AT HELM RD	CARPENTERSVILLE	KANE
17.	C	34	4325	IL RTE 25 AT ROBIN RD	CARPENTERSVILLE	KANE
18.	C	35	4390	IL RTE 25 AT LAKE MARIAN RD /HAZARD RD	CARPENTERSVILLE	KANE
19.	C	36	7275	US RTE 14 AT FIRST ST	CARY	MCHENRY
20.	E	37	7430	US RTE 30 AT CATON FARM RD / GAYLORD RD	CREST HILL	WILL
21.	C	38	675	IL RTE 31 (STATE ST) AT US RTE 20	ELGIN	KANE
22.	C	40	4330	IL RTE 31 (STATE ST) AT CHICAGO RAWHIDE ENTR	ELGIN	KANE
23.	C	41	22235	ARLINGTON HEIGHTS RD AT BENNETT RD	ELK GROVE	COOK
24.	D	42	85	IL RTE 43 (HARLEM AVE) AT I-290 RAMP	FOREST PARK	COOK
25.	C	43	1236	US RTE 14 AT ALGONQUIN RD	FOX RIVER GROVE	MCHENRY
26.	C	45	1237	US RTE 14 AT LINCOLN AVE	FOX RIVER GROVE	MCHENRY
27.	C	47	1238	US RTE 14 (NORTHWEST HWY) AT FOXMOOR RD	FOX RIVER GROVE	MCHENRY
28.	D	49	755	IL RTE 38 (STATE ST) AT IL RTE 25 (BENNET ST)	GENEVA	KANE
29.	D	50	845	IL RTE 38 (EAST STATE ST) AT EAST SIDE DR	GENEVA	KANE
30.	D	51	10945	IL RTE 38 (STATE ST) AT GLENGARY DR	GENEVA	KANE
31.	E	52	7507	US RTE 30 (PLAINFILED RD) AT RAYNOR AVE /BLACK RD	JOLIET	WILL
32.	E	53	22500	US RTE 6 / US RTE 30 (COLLINS AVE) AT JOLIET HIGH SCHOOL	JOLIET	WILL
33.	E	54	22565	US RTE 30 (PLAINFILED RD) AT INGALLS AVE	JOLIET	WILL
34.	B	55	6830	IL RTE 43 AT FOSTER AVE	LAKE BLUFF	LAKE
35.	B	56	6949	IL RTE 83 AT ENGLE DR	LAKE VILLA	LAKE
36.	B	57	7095	IL RTE 137 (BUCKLEY RD) AT BUTTERFIELD RD	LIBERTYVILLE	LAKE
37.	C	58	FL 701	IL RTE 53 AT ROBERT PARKER COFFIN RD	LONG GROVE	LAKE
38.	A	59	21971	IL RTE 23 (STATE ST) AT IL RTE 176 (TELEGRAPH ST)	MARENGO	MCHENRY
39.	A	60	11897	IL RTE 31 (RICHMOND RD) AT BLAKE RD	MCHENRY	MCHENRY
40.	A	61	11915	IL RTE 120 AT CRYSTAL LAKE RD	MCHENRY	MCHENRY
41.	D	63	727	US RTE 30 AT GRIFFIN DR	MONTGOMERY	KANE
42.	B	64	6625	US RTE 45 AT IL RTE 176	MUNDELEIN	LAKE
43.	D	66	11483	IL RTE 31 AT IL RTE 56 (STATE ST)	NORTH AURORA	KANE
44.	D	67	2505	IL RTE 50 (CICERO AVE) AT 110TH ST	OAK LAWN	COOK
45.	C	68	410	US RTE 12 (RAND RD) AT LAKE COOK RD	PALATINE	COOK
46.	C	69	1225	US RTE 14 (NORTHWEST HWY) AT HICKS RD (SOUTH JCT)	PALATINE	COOK
47.	C	70	5615	PALATINE RD AT ROHLWING RD	PALATINE	COOK
48.	C	71	5395	KIRCHOFF RD AT WILKE RD	ROLLING MEADOWS	COOK
49.	C	72	6598	US RTE 45 AT PORT CLINTON RD	VERNON HILLS	LAKE
50.	B	73	14904	IL RTE 43 (WAUKEGAN RD) AT PULASKI DR	WAUKEGAN	LAKE
51.	B	74	14925	IL RTE 120 (BELVEDERE RD) AT GREENLEAF AVE NORTH RAMP	WAUKEGAN	LAKE
52.	B	75	14930	IL RTE 120 (BELVEDERE RD) AT GREENLEAF AVE SOUTH RAMP	WAUKEGAN	LAKE
53.	D	76	6200	IL RTE 38 (ROOSEVELT RD) AT WINFIELD RD	WINFIELD	DUPAGE
54.	C	77		PALATINE RD. AT WINSTON RD.	PALATINE	COOK
55.	E	78		IL 53 OTTAWA AT JACKSON ST.	JOLIET	WILL

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Rev. 4-7-15

USER NAME = USERNAME PLOT SCALE = 20,000 / 1" PLOT DATE = 2/2/2015	DESIGNED - DW DRAWN - CC CHECKED - JDH DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP (SHEET 1 OF 2) SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.	<table border="1"> <tr> <th>F.A. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td></td> <td>2014-090TS</td> <td></td> <td>76</td> <td>3</td> </tr> <tr> <td colspan="3">ILLINOIS</td> <td colspan="2">CONTRACT NO. 62442</td> </tr> </table>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		2014-090TS		76	3	ILLINOIS			CONTRACT NO. 62442	
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																
	2014-090TS		76	3																
ILLINOIS			CONTRACT NO. 62442																	



SUMMARY OF QUANTITIES HEADING LEGEND

FUNDING PARTICIPATION

COLUMN NUMBER	TS #	INTERSECTION	STATE	DUPAGE COUNTY	KANE COUNTY	MCHEMRY COUNTY	LAKE COUNTY	SHIELDS TWP	ALGONQUIN	AURORA	BARRINGTON	SOUTH ELGIN	BEACH PARK	BERKELEY	CARPENTERSVILLE	CARY	CREST HILL	CHICAGO RAWHIDE	ELK GROVE	FOX RIVER GROVE	GENEVA	HILL SIDE	JOLIET	LAKE BLUFF PD	LAKE BLUFF SO	ROUND LAKE BEACH	LIBERTYVILLE	LONG GROVE	MARENGO	MCHEMRY	MONTGOMERY	NORTH AURORA	OAK LAWN	PALATINE	ROLLING MEADOWS	VERNON HILLS	WAUKEGAN	WINFIELD		
2	7280	IL RTE 62 (ALGONQUIN RD) AT IL RTE 31 (MAIN ST)	97.5%			2.5%																																		
3	11580	IL RTE 62 (ALGONQUIN RD) AT HARRISON ST	95.0%					5.0%																																
1	3100	IL RTE 68 (DUNDEE RD) AT ARLINGTON HEIGHTS RD	100.0%																																					
4	11485	IL RTE 56 (BUTTERFIELD RD) AT KIRK RD/ FARNSWORTH AVE	95.0%		2.5%					2.5%																														
1	12380	IL RTE 22 AT I-94 EAST RAMP	100.0%																																					
1	20350	IL RTE 22 AT LAKESIDE DR	100.0%																																					
5	4695	US RTE 14 (NORTHWEST HWY) AT EASTERN AVE	95.0%								5.0%																													
6	4457	IL RTE 25 AT WEST BARTLETT RD/MIDDLE ST	95.0%		2.5%							2.5%																												
7	7190	IL RTE 127 (SHERIDAN RD) AT BEACH RD	97.5%										2.5%																											
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19	7507	US RTE 30 (PLAINFIELD RD) AT RAYNOR AVE /BLACK RD	93.3%																					6.7%																
18	22500	US RTE 6 / US RTE 30 (COLLINS AVE) AT JOLIET HIGH SCHOOL	95.0%																					5.0%																
18	22565	US RTE 30 (PLAINFIELD RD) AT INGALLS AVE	95.0%																					5.0%																
20	6830	IL RTE 43 AT FOSTER AVE	95.2%																						1.6%	1.6%														
21	6949	IL RTE 83 AT ENGLE DR	95.0%				2.5%																				2.5%													
22	7095	IL RTE 137 (BUCKLEY RD) AT BUTTERFIELD RD	95.0%				2.5%																					2.5%												
23	FL 701	IL RTE 53 AT ROBERT PARKER COFFIN RD	96.7%																										3.3%											
24	21971	IL RTE 23 (STATE ST) AT IL RTE 176 (TELEGRAPH ST)	97.5%																											2.5%										
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33	14925	IL RTE 120 (BELVEDERE RD) AT GREENLEAF AVE NORTH RAMP	97.5%				2.5%																																	
7	14930	IL RTE 120 (BELVEDERE RD) AT GREENLEAF AVE SOUTH RAMP	97.5%				2.5%																																	
34	6200	IL RTE 38 (ROOSEVELT RD) AT WINFIELD RD	95.0%			2.5%																																		
29	5635	PALATINE RD. AT WINSTON RD.	95.0%																																					
18	22540	IL 53 OTTAWA AT JACKSON ST.	95.0%																																					

FILE NAME: P:\proj\14812101\118 72-6 1001 For Ver Signal\14-022 Various LED\14812101\Sheet File\5001.dgn

USER NAME: JBERNARD	DESIGNED - DW	REVISED -
DRAWN - CC	CHECKED - JDH	DATE -
PLOT SCALE: 1/8" = 1'-0"		
PLOT DATE: 2/2/2015		

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES (SHEET 1 OF 5)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2014-090TS		76	5
ILLINOIS			CONTRACT NO. 62A42	

Rev. 4-7-15

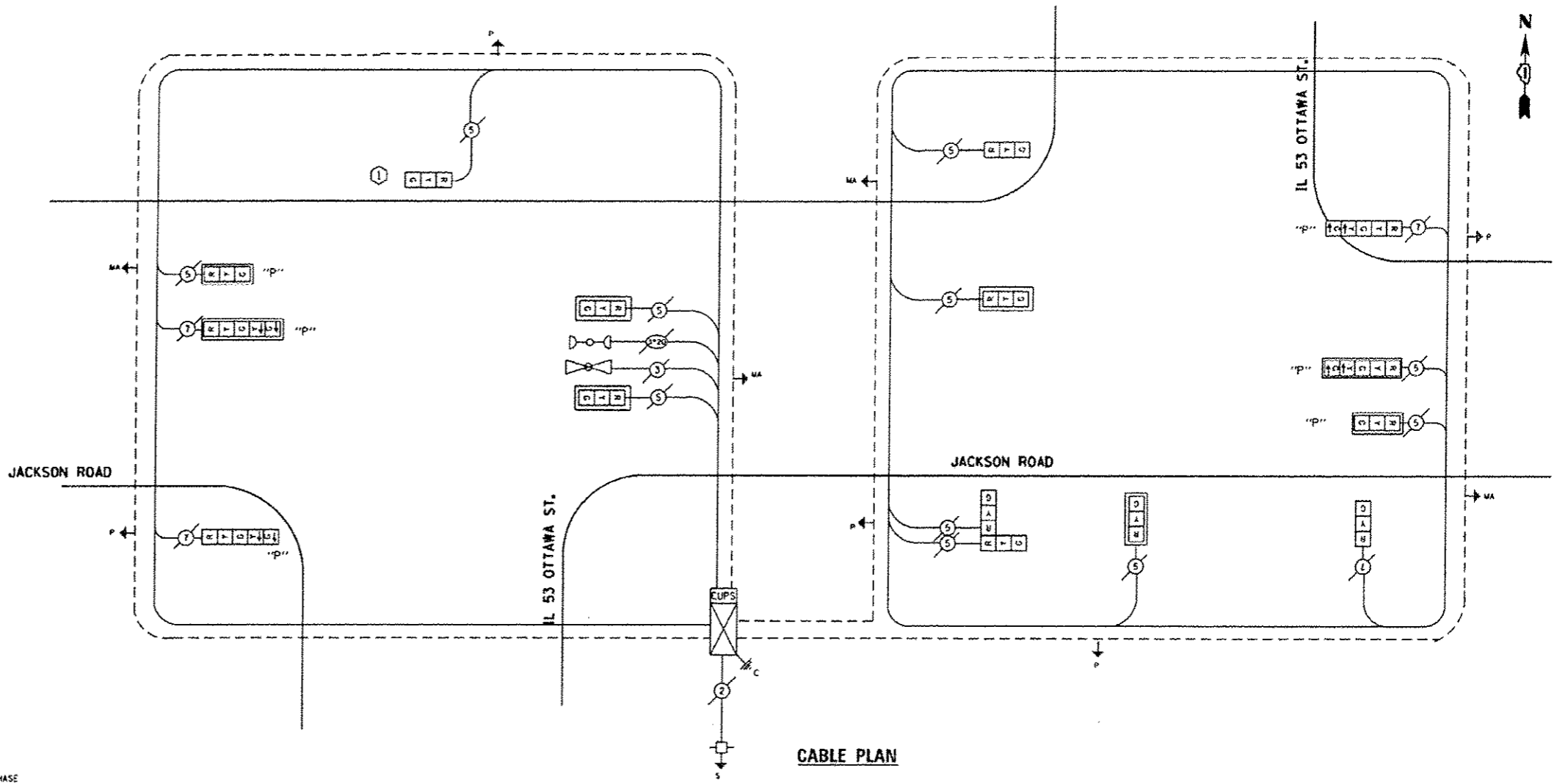
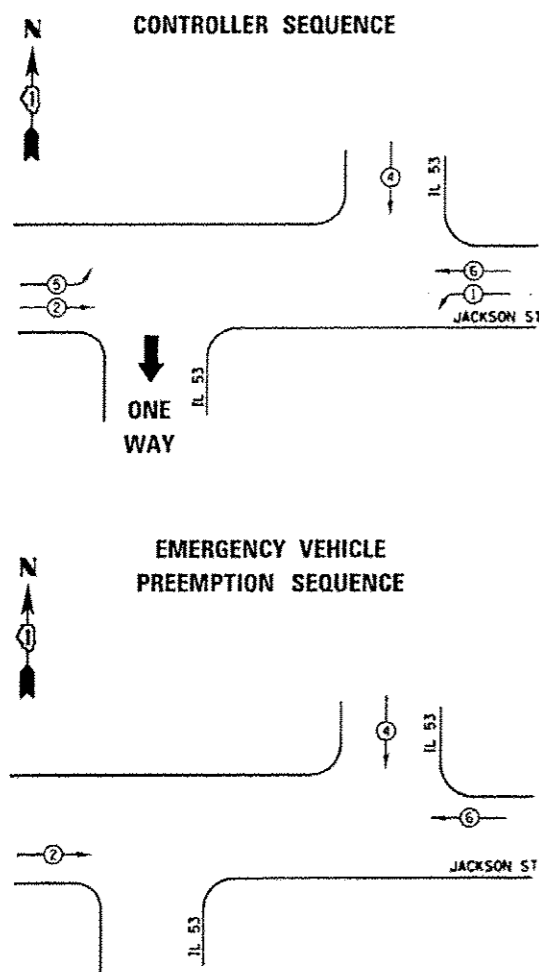


CONSTRUCTION CODE																																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
TRAFFIC SIGNAL																																	
0021																																	
URBAN																																	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	24						1	1	1	1				1	1	1				2			1			1	1			1	1			1	1	1	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	49	11	1	1	1	1			1	1	4	1		1	1		3	2	3	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1		
Z0050400	REMOVE AND REPLACE ANCHOR BOLTS	EACH	23	1	1								4		3							2						2						6		2	2		
X8570231	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	2	1											1																								
X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1	1																																			
X8620050	UNINTERRUPTABLE POWER SUPPLY, GROUND MOUNTED	EACH	2	1																		1																	
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	21						1	1	1	1			1	1	1	1							1			1	1						2		1	1	1
X8803084	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT	EACH	14						4										10																				
X8803088	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT	EACH	4						4																														
X8803090	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT	EACH	4																4																				
X8803210	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT	EACH	4						4																														
X8880015	PEDESTRIAN PUSH-BUTTON, NON-LATCHING	EACH	77	23	4	4	3	3				4	6						11	3				3			3					7			3				
X8950100	RELOCATE EXISTING MASTER CONTROLLER	EACH	1																																				
88060450	COMBINATION SIGNAL HEAD, LED, 3- FACE, 1-4 SECTION OPTICALLY PROGRAMMED, 2-4 SECTION, BRACKET MOUNTED	EACH	2	2																																			

FILE NAME: P:\Projects\2014\2014-0907\119-172-6-1001\New_Suppl\119-172-6-1001_Verious_LED\119-172-6-1001_Verious_LED\119-172-6-1001_Verious_LED\119-172-6-1001_Verious_LED\119-172-6-1001_Verious_LED.dwg

USER NAME: .\USERNAME. PLOT SCALE: 1/8" = 1'-0" PLOT DATE: 2/2/2015	DESIGNED - DW DRAWN - CC CHECKED - JDH DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES (SHEET 5 OF 5)	SCALE: SHEET NO. OF SHEETS STA. TO STA.	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 2014-0907S 76 9 CONTRACT NO. 62442
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- LEGEND**
- DUAL ENTRY PHASE
 - SINGLE ENTRY PHASE
 - ◇ OVERLAP
 - PEDESTRIAN PHASE
 - NUMBER REFERS TO ASSOCIATED PHASE

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, ALUMINUM, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2
OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE AND REPLACE ANCHOR BOLTS	EACH	1

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND. LED	% OPERATION	
SIGNAL (RED)	15	17	0.50	127.5
(YELLOW)	15	25	0.25	93.75
(GREEN)	15	15	0.25	56.25
ARROW	8	12	0.10	9.6
PED. SIGNAL	2	25	1.00	50
CONTROLLER	1	100	1.00	100.00
ILLUM. SIGN	-	25	0.05	-
VIDEO SYSTEM	-	150	1.00	-
FLASHER	-	-	-	0.50
ENERGY COSTS TO:	TOTAL =			437.1

① REMOVE EXISTING POST AND INSTALL NEW POST ON EXISTING FOUNDATION

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAY/DISTRICT 1
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY CONTACT: JOE STACHO
 PHONE: 16301 424-5104
 COMPANY: COMED

FILE NAME	USER NAME	DESIGNED	REVISED
S:\MP\Design\SYSDLED Projects\Various\Illinois\1512222 - IL 53 at Juliet St.dgn	1512222 - IL 53 at Juliet St.dgn	DRAWN	REVISED
Default	PLOT SCALE = 1/8"=1'-0"	CHECKED	REVISED
	PLOT DATE = 4/3/2015	DATE	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES AND CABLE PLAN
IL 53 OTTAWA AND JACKSON ST**

SCALE: SHEET OF SHEETS STA. TO STA.

F.R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2014-090TS	COOK	76	76
CONTRACT NO. 62A42			ILLINOIS FED. AID PROJECT	

TS#22546