

**INDEX OF SHEETS**

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

TRAFFIC SIGNAL PLANS:

SHEET#	TS#	INTERSECTION NAME
17	11086	55TH STREET AT SERGO/TRU-VUE
18	3850	55TH STREET AT JOLIET ROAD
19	11805	IL ROUTE 171 (1ST AVENUE) FRONTAGE ROAD AT 47TH ST WEST RAMP
20	11810	IL ROUTE 171 (1ST AVENUE) FRONTAGE ROAD AT RAMP B AND B1
21	5360	JOLIET ROAD AT LAWNDALE AVENUE
22	5375	JOLIET ROAD AT UNIVERSAL OIL PRODUCTS
23	5070	PLAINFIELD ROAD AT EAST AVENUE
24	3780	39TH STREET (PERSHING ROAD) AT CENTRAL AVENUE
25	3785	39TH STREET (PERSHING ROAD) AT LARAMIE AVENUE
26	3790	39TH STREET (PERSHING ROAD) AT OAK PARK AVENUE
27	3795	39TH STREET (PERSHING ROAD) AT RIDGELAND AVENUE
28	3800	39TH STREET (PERSHING ROAD) AT AUSTIN BLYD
29	4845	22ND STREET (CERMAK ROAD) AT WOLF ROAD
30	21175	31ST STREET AT MAYFAIR DRIVE
31	3775	31ST STREET AT WOLF ROAD
32	135	I-294 TRI-STATE TOLLWAY WEST RAMP AT 22ND STREET (CERMAK ROAD)
33	4851	22ND STREET (CERMAK ROAD) AT ENTERPRISE DRIVE
34	15115	22ND STREET (CERMAK ROAD) AT MAYFAIR DRIVE
35	4850	22ND STREET (CERMAK ROAD) AT WESTBROOK DRIVE
36	130	I-294 TRI-STATE TOLLWAY EAST RAMP AT 22ND STREET (CERMAK RD)
37	15110	ROOSEVELT ROAD AT WESTCHESTER BOULEVARD
38	3865	55TH STREET AT WOLF ROAD
39	1480	US ROUTE 34 AT WOLF ROAD
40	3825	47TH STREET AT WOLF ROAD
41	22175	47TH STREET AT CENTRAL AVENUE
42	22035	75TH STREET AT WILLOW SPRINGS ROAD
43	3893	79TH STREET AT WILLOW SPRINGS ROAD
44	3572	IL ROUTE 171 (ARCHER AVENUE) AT NOLTON AVENUE
45	3570	IL ROUTE 171 (ARCHER AVENUE) AT WILLOW SPRINGS ROAD
46	3573	WILLOW SPRINGS ROAD AT GERMAN CHURCH ROAD
47	3735	26TH STREET AT DES PLAINES AVENUE
48	3760	31ST STREET AT DES PLAINES AVENUE
49	3585	IL ROUTE 171 (1ST AVENUE) AT 26TH STREET
50	22121	17TH AVENUE (MAPLE AVENUE) AT 23RD STREET
51	3701	22ND STREET (CERMAK ROAD) AT 12TH AVENUE
52	22065	22ND STREET (CERMAK ROAD) AT 14TH AVENUE
53	4800	22ND STREET (CERMAK ROAD) AT DES PLAINES RIVER ROAD
54	4825	22ND STREET (CERMAK ROAD) AT NORTH RIVERSIDE PLAZA EAST
55	4820	22ND STREET (CERMAK ROAD) AT NORTH RIVERSIDE PLAZA WEST
56	9360	22ND STREET (CERMAK ROAD) AT NORTH RIVERSIDE EAST PLAZA/MID CITY BANK
57	3750	26TH STREET AT NORTH RIVERSIDE PLAZA/VETERANS PARKWAY
58	7943	26TH STREET AT WESTOVER AVENUE
59	3590	IL ROUTE 171 (1ST AVENUE) AT 31ST STREET
60	2115	IL ROUTE 43 (HARLEM AVENUE) AT 23RD STREET
61	3020	IL ROUTE 64 (NORTH AVENUE) AT 25TH AVENUE
62	3065	IL ROUTE 64 (NORTH AVENUE) AT NORTHWEST AVENUE
63	3075	IL ROUTE 64 (NORTH AVENUE) AT RAILROAD AVENUE
64	3067	US ROUTE 20 AT RAILROAD AVENUE
65	3083	IL ROUTE 64 (NORTH AVENUE) AT ROY STREET
66	3090	IL ROUTE 64 (NORTH AVENUE) AT WOLF ROAD
67	21850	IL ROUTE 64 (NORTH AVENUE) AT WAL-MART ENTRANCE/HILLSIDE AVENUE
68	1338	US ROUTE 20 (LAKE STREET) AT I-294 RAMP

**GENERAL NOTES:**

ALL CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (SSRBC), AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JANUARY 1, 2014 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND ALL AMENDMENTS THERETO; IN CASE OF CONFLICT, THE MORE RESTRICTIVE PROVISIONS SHALL APPLY. ANY REFERENCE TO STANDARDS IN THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT.

THE 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.

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

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC., SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY, AT THE CONCLUSION OF CONSTRUCTION OPERATIONS. ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OF UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.

THE CONTRACTOR SHALL NOTIFY THE IDOT ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE CONTRACTOR SHALL SOLELY BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS, TRAFFIC CONTROL DEVICES, AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC DURING ALL PHASES OF CONSTRUCTION.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT OR THE DIRECTION OF THE ENGINEER.

THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL AREAS AFFECTED BY EQUIPMENT OR LABORERS TO EXISTING CONDITIONS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL COMPLETION OF THIS CONTRACT.

RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS SIGNAL POST, UNINTERRUPTIBLE POWER SUPPLY, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC., SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD IN ACCORDANCE TO STANDARD SPECIFICATIONS ARTICLE 252 WHICH SHALL INCLUDE THE REQUIRED WATERING PER ARTICLE 252.08. ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS ARTICLE 250 AND 251, RESPECTIVELY.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

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, CALL DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).

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 FOUNDATION. 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 BOLTS AS DIRECTED BY THE ENGINEER. ANCHOR BOLT REPLACEMENT WILL BE PAID FOR AS "REMOVE AND REPLACE ANCHOR BOLTS." "REMOVE AND REPLACE ANCHOR BOLTS" PAY ITEMS QUANTITIES SHOWN ARE NOMINAL AND ONLY TO BE UTILIZED AS APPROVED BY THE ENGINEER.

THE 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 PAY ITEM OF THE LENGTH AS SPECIFIED IN THE PLANS.

CONTRACTOR SHALL REPLACE METAL MOUNTING BRACKETS AT ALL RETROFIT SIGNAL HEADS 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.

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

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.

FOR THE FOLLOWING TS LOCATIONS, DUE TO THE PRESENCE OF RED LIGHT RUNNING (RLR) CAMERA COMPANY WITHIN THE PROJECT LIMITS, THE CONTRACTOR SHALL NOTIFY THE MUNICIPALITIES AND RLR CAMERA COMPANIES LISTED BELOW PRIOR TO THE START OF CONSTRUCTION. THE MUNICIPALITIES AND RLR CAMERA COMPANIES 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 LOCATIONS:  
3865 55TH ST AT WOLF RD, WESTERN SPRINGS, IL  
1480 US ROUTE 34 AT WOLF RD, WESTERN SPRINGS, IL

VILLAGE OF WESTERN SPRINGS	REDSPEED ILLINOIS
740 HILLGROVE AVE.	400 EISENHOWER LN N
WESTERN SPRINGS, IL 60558-1409	LOMBARD, IL 60148
(708) 246-1800	(630) 317-5700

RLR CAMERA LOCATIONS:  
3585 IL ROUTE 171 AT 26TH ST, NORTH RIVERSIDE, IL

VILLAGE OF NORTH RIVERSIDE	REDFLEX TRAFFIC SYSTEMS
2401 S. DES PLAINES AVE.	23751 N. 23RD AVE, STE 150
NORTH RIVERSIDE, IL 60546	PHOENIX, AZ 85085
(708) 447-4211	(866) 703-8097

RLR CAMERA LOCATIONS:  
3075 IL ROUTE 64 AT RAILROAD AVE, NORTHLAKE, IL  
3067 US ROUTE 20 AT RAILROAD AVE, NORTHLAKE, IL

CITY OF NORTHLAKE	REDFLEX TRAFFIC SYSTEMS
CITY HALL	23751 N. 23RD AVE, STE 150
55 E. NORTH AVE.	PHOENIX, AZ 85085
NORTHLAKE, IL 60164	(866) 703-8097
(708) 343-8700	

RLR CAMERA LOCATIONS:  
4845 22ND ST AT WOLF RD, WESTCHESTER, IL

VILLAGE WESTCHESTER	SAFESPEED, LLC
10300 W. ROOSEVELT RD.	155 N. WACKER DRIVE
WESTCHESTER, IL 60154	CHICAGO, IL 60606
(708) 345-0020	(312) 924-7244

RLR CAMERA LOCATIONS:  
3020 IL ROUTE 64 AT 25TH AVE, MELROSE PARK, IL

VILLAGE OF MELROSE PARK	SAFESPEED, LLC
1000 N. 25TH AVE.	155 N. WACKER DRIVE
MELROSE PARK, IL 60160	CHICAGO, IL 60606
(708) 343-4000	(312) 924-7244