

INDEX OF SHEETS

SHEET NO.	SHEET TITLE
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES
3 - 10	SUMMARY OF QUANTITIES
11 - 14	TYPICAL SECTIONS
15	MAINTENANCE OF TRAFFIC- GENERAL NOTES
16	MAINTENANCE OF TRAFFIC- TYPICAL SECTIONS
17 - 21	ROADWAY AND PAVEMENT MARKING PLAN
22	KIRK RD REMOVAL AND WIDENING PLAN
23 - 47	ADA RAMP DETAILS
48 - 49	ADA PD STANDARDS
50 - 59	DISTRICT 1 TRAFFIC SIGNAL DETAILS
60 - 63	TRAFFIC SIGNAL PLANS - TYLER ROAD
64 - 67	TRAFFIC SIGNAL PLANS - INDUSTRIAL / DUNHAM
68 - 71	TRAFFIC SIGNAL PLANS - LAKESIDE DRIVE
72 - 75	TRAFFIC SIGNAL PLANS - KIRK ROAD
76 - 79	TRAFFIC SIGNAL PLANS - CINEMA 18 DRIVE
80 - 83	TRAFFIC SIGNAL PLANS - 38TH AVE
83A - 83B	LIGHTING RELOCATION PLANS
84	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
85	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
86	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
87	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
88	LIGHT POLE FOUNDATION, METAL (BE-305)
89	MISC. ELECTRICAL DETAILS SHEET A (BE-702)
90	TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
91	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)
92	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
93	TRAFFIC CONTROL & PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
94	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)
95	ARTERIAL ROAD INFORMATION SIGN (TC-22)
96	DRIVEWAY ENTRANCE SIGNING (TC-26)

STATE HIGHWAY STANDARDS


STD. NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
424026-04	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-03	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C & D PATCHES
604051-04	FRAME AND GRATE TYPE 11
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB & GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED PC CONCRETE MEDIANS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS >= 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER. >= 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER. <= 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W 2W W/ NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W W/ BIDIRECTIONAL LT. TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W W/ MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
836001-05	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
878001-11	CONCRETE FOUNDATION DETAILS

GENERAL NOTES

1. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
2. BUTT JOINTS SHALL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
3. ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO ADDITIONAL COST TO THE DEPARTMENT.
4. WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1.5 INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH. WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
5. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
6. LOCATIONS OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE AS SHOWN ON THE PLANS, WITH ADDITIONAL QUANTITY PROVIDED FOR LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
7. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTER AND MEDIANS, UNLESS OTHERWISE SHOWN.
8. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
9. THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED STRUCTURES BY STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT.
10. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
11. DRAINAGE ADJUSTMENT LOCATIONS WILL BE AS SHOWN ON THE PLANS AND/OR AS DETERMINED IN THE FIELD BY THE ENGINEER.
12. ADJUSTMENTS OF FRAMES AND GRATES/LIDS OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENT SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
13. THE ENGINEER SHALL CONTACT EMAD ALHUSSEINI, AREA TRAFFIC FIELD ENGINEER, AT EMAD.ALHUSSEINI@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
14. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
15. ALL SHORT-TERM PAVEMENT MARKINGS ON FINAL SURFACES SHALL BE TYPE IV TAPE.
16. OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.
17. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR REFERENCE ALL EXISTING PAVEMENT MARKING LINES AND REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
18. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE FLOW THROUGHOUT THE DURATION OF THE PROJECT AND MAINTAIN FLOW TO ALL PUBLIC AND PRIVATE DRAINS.
19. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.
20. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.

COMMITMENTS


NONE

 REVISED SHEET 4/11/2025

Michael Baker

INTERNATIONAL

200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 • MBAKERINTL.COM

USER NAME = Zach.Tanner	DESIGNED - WJT	REVISED -  4/8/2025 ZJT
	DRAWN - WJT	REVISED -
	CHECKED - ZJT	REVISED -
PLOT DATE = 4/9/2025	DATE - 11/22/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION


INDEX OF SHEET, HIGHWAY STANDARDS AND GENERAL NOTES
IL 64 (MAIN ST), W OF S 13TH AVE TO KAUTZ RD / SMITH RD

SCALE: Full Size	SHEET 1	OF 1	SHEETS	STA.	TO STA.
------------------	---------	------	--------	------	---------

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0307	FAP 0307 23 SMART	KANE	96	2
CONTRACT NO. 62V37				
		ILLINOIS	FED. AID PROJECT	

MODEL: SHEET INDEX
FILE NAME: c:\users\pubh\cmdbpw\3\40223677\0182\37-sjh-index and notes.dgn

MODEL: SQ04 [Sheet]
FILE NAME: c:\users\public\mbpw\3\02223677\0162\37-sh-SQ004.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE ROADWAY	TRAFFIC SIGNAL 80% FED /20% STATE SAFETY	100% STATE UTILITY RELOCATION	100% STATE ROADWAY		
				0005 URBAN	0021	0043	0005		
60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	27	27					
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	32	32					
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	4,933	4,933					
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	34	34					
60624600	CORRUGATED MEDIAN	SQ FT	1,030	1,030					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	125	125					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5					
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1					
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1					
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	30	30					
67100100	MOBILIZATION	L SUM	1	1					
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1					
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1					
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1					
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1					

* SPECIALTY ITEM

Michael Baker
INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 · MBAKERINTL.COM

USER NAME = Jaime.Rivera	DESIGNED - WJT	REVISED -
	DRAWN - WJT	REVISED -
	CHECKED - ZJT	REVISED -
PLOT DATE = 1/13/2025	DATE - 01/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL 64 (MAIN ST), W OF S 13TH AVE TO KAUTZ RD / SMITH RD

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

<div>1</div> REVISED SHEET 4/11/2025				
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0307	FAP 0307 23 SMART	KANE	96	6
		CONTRACT NO. 62V37		
ILLINOIS		FED. AID PROJECT		

MODEL: SQ06 [Sheet]
FILE NAME: c:\users\public\mbpw\3\0223677\0162\037-shl-SQ006.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE ROADWAY	TRAFFIC SIGNAL 80% FED /20% STATE SAFETY	100% STATE UTILITY RELOCATION	100% STATE ROADWAY		
				0005 URBAN	0021	0043	0005		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2,048	2,048					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	6,219	6,219					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1,306	1,306					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,138	1,138					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,138	1,138					
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	27,510	27,510					
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	577		577				
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	130		130				
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	487		487				
* 81400100	HANDHOLE	EACH	2		2				
* 81400300	DOUBLE HANDHOLE	EACH	1		1				
* 81603090	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	78			78			
* 83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6'	EACH	2			2			
* 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	2			2			
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	2			2			

* SPECIALTY ITEM

Michael Baker

INTERNATIONAL

200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 · MBAKERINTL.COM

USER NAME = Jaime.Rivera	DESIGNED - WJT	REVISED -
	DRAWN - WJT	REVISED -
	CHECKED - ZJT	REVISED -
PLOT DATE = 1/13/2025	DATE - 01/10/2025	REVISED -

STATE OF ILLINOIS


DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

IL 64 (MAIN ST), W OF S 13TH AVE TO KAUTZ RD / SMITH RD

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0307	FAP 0307 23 SMART	KANE	96	8
CONTRACT NO. 62V37				
ILLINOIS FED. AID PROJECT				

 REVISED SHEET 4/11/2025

MODEL: S007 [Sheet]
FILE NAME: c:\users\public\mbpw\3\0223677\0162\037-shr-S0007.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE ROADWAY	TRAFFIC SIGNAL 80% FED /20% STATE SAFETY	100% STATE UTILITY RELOCATION	100% STATE ROADWAY		
				0005 URBAN	0021	0043	0005		
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	2			2			
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	6		6				
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	7,989		7,989				
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	5,360		5,360				
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,749		1,749				
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,322		1,322				
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1PAIR	FOOT	1,132		1,132	⚠			
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	265		265				
* 87900200	DRILL EXISTING HANDHOLE	EACH	24		24				
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	16		16				
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1				
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	15,559		15,559				
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	6		6				
* 89502376	REBUILD EXISTING HANDHOLE	EACH	1		1	⚠			
* 89502380	REMOVE EXISTING HANDHOLE	EACH	6		6				
* 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1		1	⚠			
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2		2				
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	19				19		

* SPECIALTY ITEM

Michael Baker

INTERNATIONAL
200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 · MBAKERINTL.COM

USER NAME = Jaime.Rivera

DESIGNED - WJT

REVISED -

DRAWN - WJT

REVISED -

CHECKED - ZJT

REVISED -

PLOT DATE = 1/13/2025

DATE - 01/10/2025

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL 64 (MAIN ST), W OF S 13TH AVE TO KAUTZ RD / SMITH RD

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

⚠ REVISED SHEET 4/11/2025

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0307	FAP 0307 23 SMART	KANE	96	9
CONTRACT NO. 62V37				
ILLINOIS FED. AID PROJECT				

REV-SEP

MODEL: SC08 (Sheet)
FILE NAME: c:\users\public\mbpw3\0223677\0162\037-sh-SC08.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FED 20% STATE ROADWAY	TRAFFIC SIGNAL 80% FED /20% STATE SAFETY	100% STATE UTILITY RELOCATION	100% STATE ROADWAY		
				0005 URBAN	0021	0043	0005		
* Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	6		6				
K0026700	TREE CARE	EACH	19	19					
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1					
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	718		718				
* X1400102	OUTDOOR RATED NETWORK CABLE	FOOT	1,032		1,032				
* X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	10		10				
* X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	14		14				
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	13	13					
X6025604	PROPOSED MANHOLE/CATCH BASIN BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	1	1					
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	1,387	1,387					
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12					
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	100	100					
X8161000	EXPOSE AND RELOCATE EXISTING UNIT DUCT	FOOT	80			80			
* X8100863	INTERCEPT EXISTING CONDUIT	EACH	3		3				
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	44		44				
* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	96		96				
* X8860105	DETECTOR LOOP REPLACEMENT	FOOT	5,443	5,443					
* X8891009	VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	5		5				
* X8950512	REMOVE AND REINSTALL FIBER OPTIC CABLE FROM CONDUIT	FOOT	390		390				
Ø Z0076600	TRAINEES	HOURL	500		500				
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURL	500		500				

* SPECIALTY ITEM

REVISED SHEET 4/11/2025

Ø 0042

Michael Baker

INTERNATIONAL

200 West Adams Street, Suite 1800, Chicago, IL 60606
Phone: (312) 707-8770 · MBAKERINTL.COM

USER NAME = Jaime.Rivera	DESIGNED - WJT	REVISED -
	DRAWN - WJT	REVISED -
	CHECKED - ZJT	REVISED -
PLOT DATE = 1/13/2025	DATE - 01/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL 64 (MAIN ST), W OF S 13TH AVE TO KAUTZ RD / SMITH RD

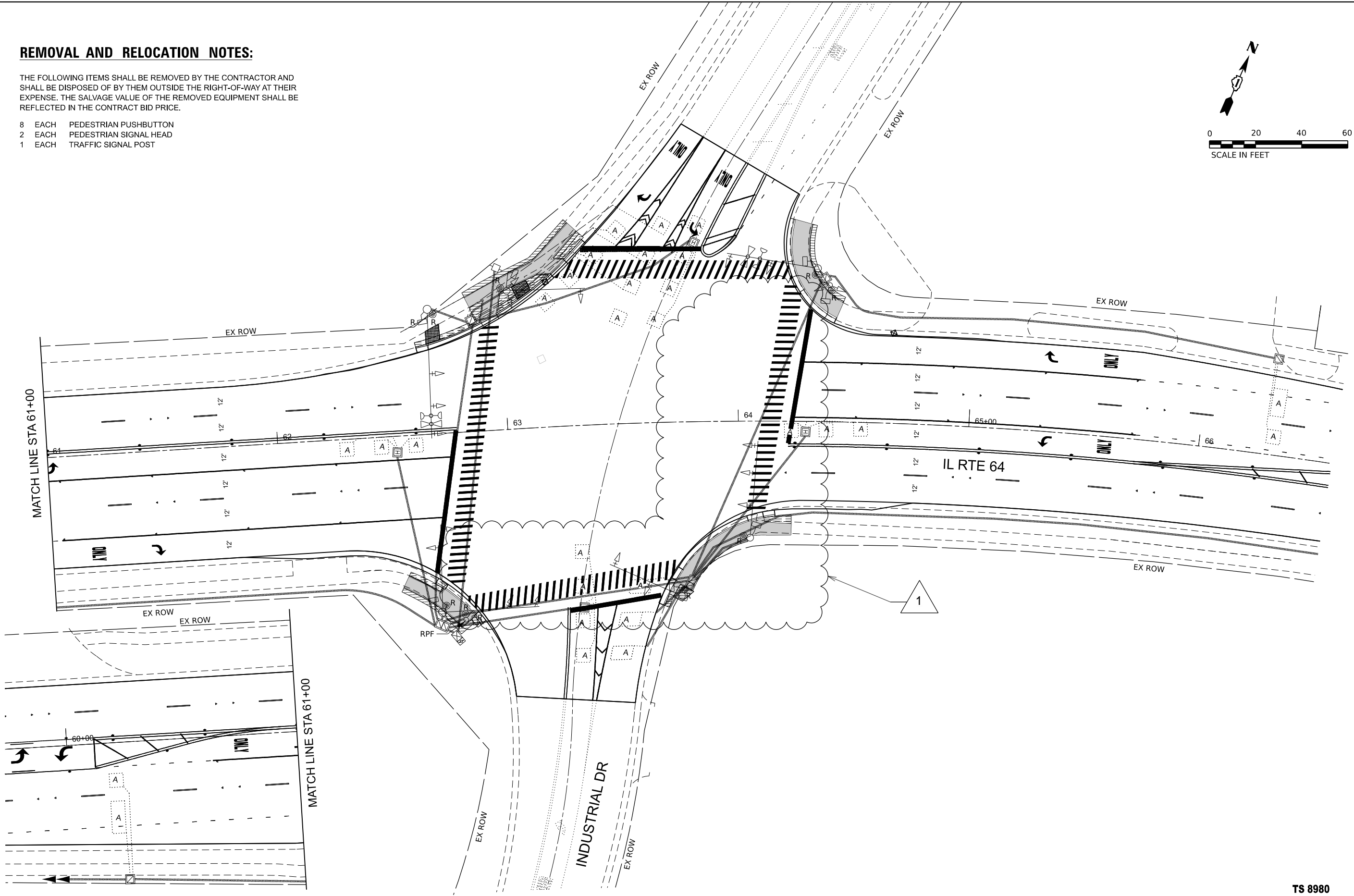
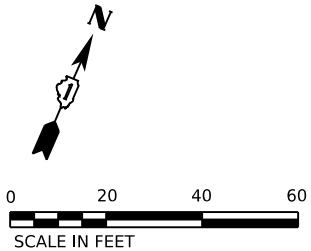
SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0307	FAP 0307 23 SMART	KANE	96	10
CONTRACT NO. 62V37				
ILLINOIS FED. AID PROJECT				

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 8 EACH PEDESTRIAN PUSHBUTTON
- 2 EACH PEDESTRIAN SIGNAL HEAD
- 1 EACH TRAFFIC SIGNAL POST



TS SHT NO. 15

MODEL: Industrial Drive [Sheet]
FILE NAME: c:\users\junit\mbpw\3\0223677\0162V37-shl-Removal Traffic Signal.dgn

SINGH

USER NAME	= mcowap
DESIGNED	- MC
DRAWN	- MC
CHECKED	- SA
PLOT DATE	= 4/8/2025
DATE	- 11/22/2024

REVISED	1 4/8/2025 MJC
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL REMOVAL PLAN
IL RTE 64 (EAST MAIN STREET) AND INDUSTRIAL DRIVE

SCALE: 1"=20' SHEET 5 OF 24 SHEETS STA. 60+58.18 TO STA. 66+58.18

1 REVISED SHEET 4/11/2025

TS 8980
EAGLE 2M

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0307	FAP 0307 23 SMART	KANE	96	64
CONTRACT NO. 62V37				
ILLINOIS FED. AID PROJECT				



USER NAME	= mcowap
DESIGNED	- MC
DRAWN	- MC
CHECKED	- SA
PLOT DATE	= 4/8/2025
DATE	- 11/22/2024

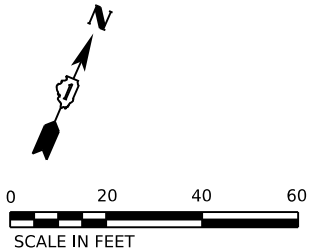
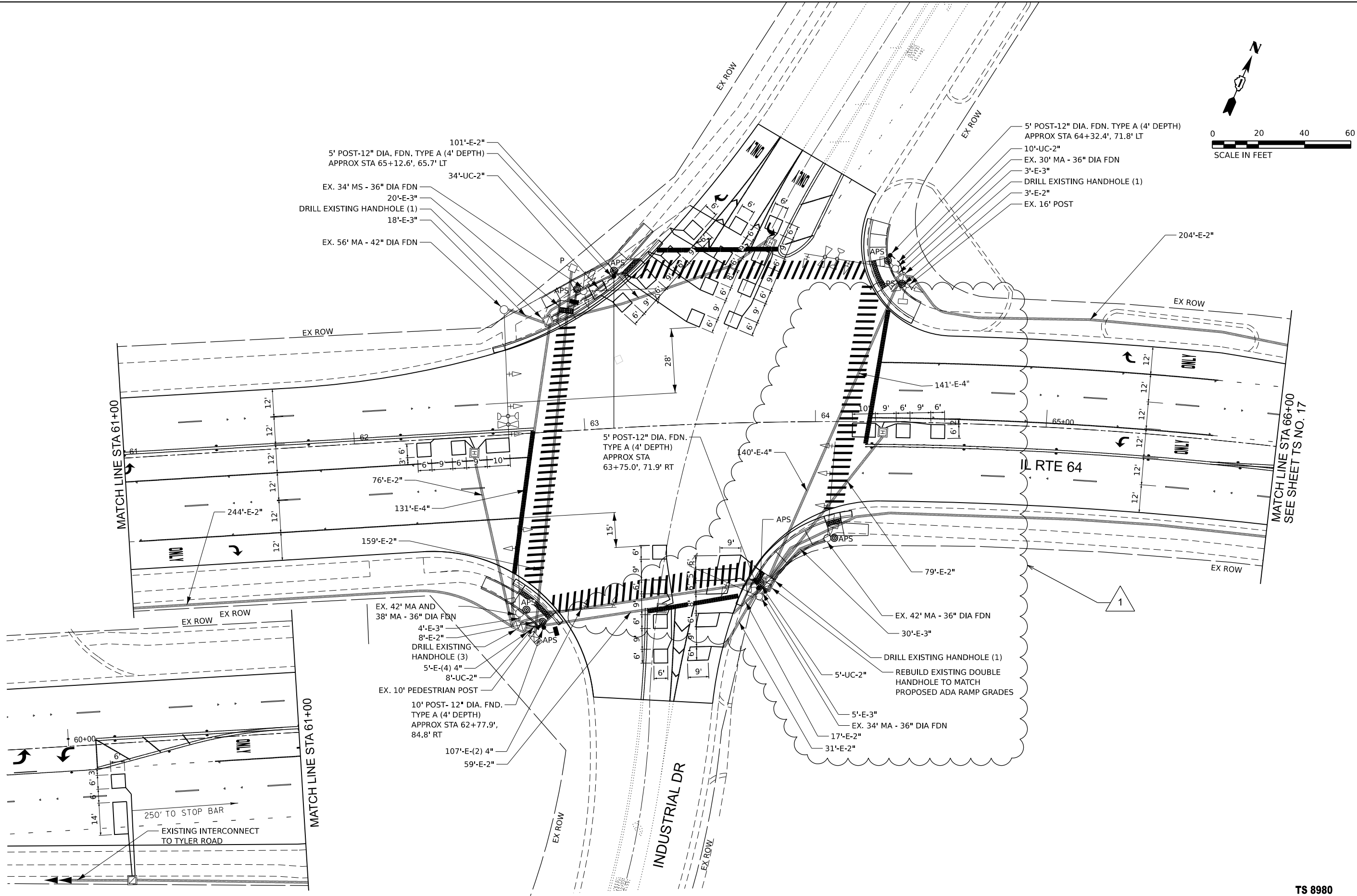
REVISED	1 4/8/2025 MJC
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

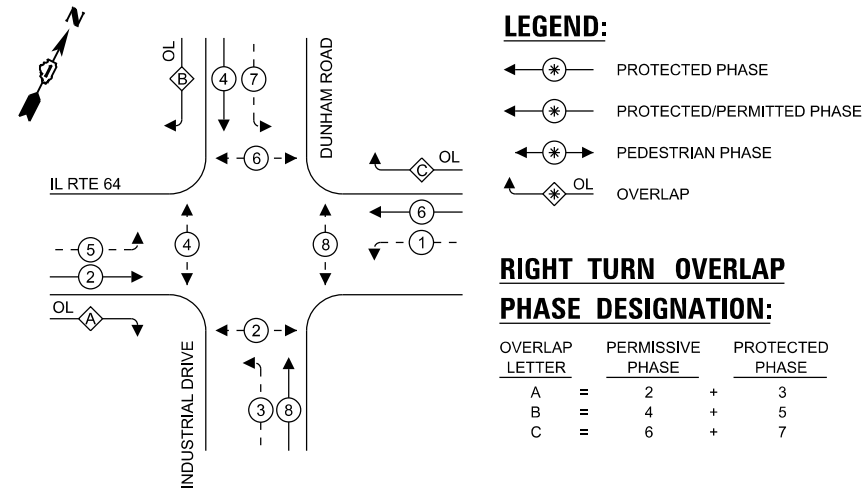
TRAFFIC SIGNAL MODERNIZATION PLAN
IL RTE 64 (EAST MAIN STREET) AND INDUSTRIAL DRIVE

SCALE: 1"=20' SHEET 6 OF 24 SHEETS STA. 60+58.18 TO STA. 66+58.18

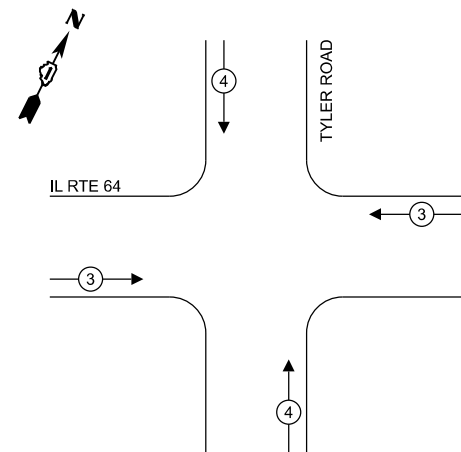
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0307	FAP 0307 23 SMART	KANE	96	65
CONTRACT NO. 62V37				
ILLINOIS FED. AID PROJECT				



EXISTING/PROPOSED CONTROLLER SEQUENCE	
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
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100



EXISTING/PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE	
1	EXISTING
2	PROPOSED
3	EXISTING
4	PROPOSED
5	EXISTING
6	PROPOSED
7	EXISTING
8	PROPOSED
9	EXISTING
10	PROPOSED
11	EXISTING
12	PROPOSED
13	EXISTING
14	PROPOSED
15	EXISTING
16	PROPOSED
17	EXISTING
18	PROPOSED
19	EXISTING
20	PROPOSED
21	EXISTING
22	PROPOSED
23	EXISTING
24	PROPOSED
25	EXISTING
26	PROPOSED
27	EXISTING
28	PROPOSED
29	EXISTING
30	PROPOSED
31	EXISTING
32	PROPOSED
33	EXISTING
34	PROPOSED
35	EXISTING
36	PROPOSED
37	EXISTING
38	PROPOSED
39	EXISTING
40	PROPOSED
41	EXISTING
42	PROPOSED
43	EXISTING
44	PROPOSED
45	EXISTING
46	PROPOSED
47	EXISTING
48	PROPOSED
49	EXISTING
50	PROPOSED
51	EXISTING
52	PROPOSED
53	EXISTING
54	PROPOSED
55	EXISTING
56	PROPOSED
57	EXISTING
58	PROPOSED
59	EXISTING
60	PROPOSED
61	EXISTING
62	PROPOSED
63	EXISTING
64	PROPOSED
65	EXISTING
66	PROPOSED
67	EXISTING
68	PROPOSED
69	EXISTING
70	PROPOSED
71	EXISTING
72	PROPOSED
73	EXISTING
74	PROPOSED
75	EXISTING
76	PROPOSED
77	EXISTING
78	PROPOSED
79	EXISTING
80	PROPOSED
81	EXISTING
82	PROPOSED
83	EXISTING
84	PROPOSED
85	EXISTING
86	PROPOSED
87	EXISTING
88	PROPOSED
89	EXISTING
90	PROPOSED
91	EXISTING
92	PROPOSED
93	EXISTING
94	PROPOSED
95	EXISTING
96	PROPOSED
97	EXISTING
98	PROPOSED
99	EXISTING
100	PROPOSED




TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	5	11	55
4-SECTION	-	14	-
5-SECTION	14	13	182
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			532
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1,137

ENERGY COSTS TO:

IDOT DISTRICT 1
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: TOM BRUHL
PHONE: (630) 377-4401
COMPANY: CITY OF ST. CHARLES
ACCOUNT NUMBER: XXX-XXX
METER NUMBER: —

DESIGNED	-	MC	REVISED	 4/8/2025 MJC
DRAWN	-	MC	REVISED	-
CHECKED	-	SA	REVISED	-
DATE	-	11/22/2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN

(NOT TO SCALE)

**CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL RTE 64 (EAST MAIN STREET) AND INDUSTRIAL DRIVE**

SCALE:	SHEET 7	OF 24	SHEETS	STA.	TO STA.
--------	---------	-------	--------	------	---------

1 REVISED SHEET 4/11/2025

TS 8980
AGLE 2M


F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0307	FAP 0307 23 SMART	KANE	96	66
CONTRACT NO. 62V37				
ILLINOIS		FED. AID PROJECT		

TS SHT NO. 18

MODEL: Tyler Road-2 [Sheet]
FILE NAME: c:\users\pub\c\mbipw\3\0223677\162V37 Traffic Signal Cable Sheets.dgn

SINGH

SINGH


USER NAME	= mcowap	DESIGNED -	MC	REVISED 	4/8/2025 MJC
		DRAWN -	MC	REVISED -	
		CHECKED -	SA	REVISED -	
PLOT DATE	= 4/8/2025	DATE	- 11/22/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
IL RTE 64 (EAST MAIN STREET) AND INDUSTRIAL DRIVE

SCALE: SHEET 8 OF 24 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0307	FAP 0307 23 SMART	KANE	96	67
CONTRACT NO. 62V37				
		ILLINOIS	FED. AID PROJECT	

 REVISED SHEET 4/11/2025

TS 8980
EAGLE 2M

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	61
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,452
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,225
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	856
DRILL EXISTING HANDHOLE	EACH	6
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1,033
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
DETECTOR LOOP REPLACEMENT	FOOT	1,360
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1

1