06-16-2017 LETTING ITEM 125

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

VARIOUS LOCATIONS IN DISTRICT 1 SECTION 2016–056TS PROJECT HSIP-000 \vee (112) PEDESTRIAN SIGNAL INSTALLATION VARIOUS COUNTIES

C-91-023-17

FOR LOCATION MAP SEE SHEETS NO. 3-5

VARIOUS TOWNSHIPS

 50
 100

 100
 1"= 30

 50
 100

 50
 100

 50
 100

 50
 100

 100
 1"= 2

 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

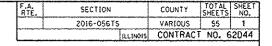
PROJECT ENGINEER: JAMEELAH CURRY /LUKASZ POCIECHA PROJECT MANAGER: DARYLE DREW (847) 705–4424

CONTRACT NO. 62D44

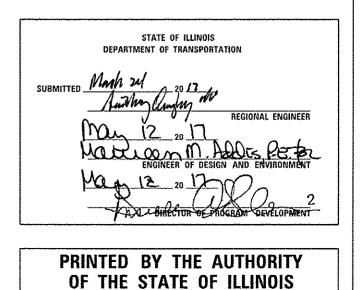
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INDEX OF SHEETS

SHT NO.		DESCRIPTION
1 2 3-6 7-10 11-17		COVER SHEET INDEX OF SHEETS. HIGHWAY STANDARDS, AND GENERAL NOTES LOCATION MAPS SUMMARY OF QUANTITIES DISTRICT I STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05)
SHT_NO.	<u>ts no.</u>	INTERSECTION NAME
18-19	15088	IL 47 AT IL 120
20-21	21410	IL 21 (MILWAUKEE AVE) AT CORPORATE WOODS PKWY
22-23	6650	IL 21 (MILWAUKEE AVE) AT DEERFIELD PKWY
24-25	405	US 12 (RAND RD) AT KENNICOTT DR
26-27	12640	US 12 (RAND RD) AT ARLINGTON PLAZA
28-29	12595	US 12 (RAND RD) AT ARLINGTON HEIGHTS RD
30-31	12630	US 12 (RAND RD) AT PALATINE RD
32-33	421	US 12 (RAND RD) AT BEVERLY LN
34-35	415	US 12 (RAND RD) AT DRYDEN AVE
36-37	395	US 12 (RAND RD) AT EUCLID AVE
38-46	380	US 12 (RAND RD) AT IL 83 (ELMHURST RD) AT KENSINGTON RD
47-48	21285	BARRINGTON RD AT RAMBLEWOOD DR
49-50	13675	RANDOLPH ST AT DES PLAINES AVE
51-52	2650	IL 50 / IL 83 (CICERO AVE) AT 135TH ST
53-54	1850	IL 1 (HALSTED ST) AT JOE ORR RD

- DESCRIPTION SHT NO.
- 55 ARTERIAL ROAD INFORMATION SIGN (TC-22)

HIGHWAY STANDARDS

STD. NO.	IIILE
701006-05	OFF-ROAD OPERATIONS. 2L. 2W. 15'(4.S M) TO 24"(600 MM) FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS. MULTILANE, 15'(4.5 M) TO 24"1600 MM) FROM PAVEMENT EDGE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK. CORNER OR CROSSWALK CLOSURE
701901- 0 6	TRAFFIC CONTROL DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

RLR NOTES

DUE TO THE PRESENCE OF A RED LIGHT RUNNING (RLR) CAMERA FOR THE BELOW LISTED LOCATION, 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:

IL SO / IL 83 (CICERO AVE) AT 135TH ST 2650

VILLAGE OF CRESTWOOD 13840 S CICERO CRESTWOOD, IL 60445 (708) 371-4849

RED SPEED, LLC. 400 EISENHOWER LANE LOMBARD, ILLINOIS 60148 (630) 317-5700

GENERAL NOTES

NOTIFICATION IS REQUIRED.

THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 72 HOURS IN ADVANCE OF BEGINNING WORK.

IT SHALL BE THE CONTRACTOR'S RESPONSIBLITY 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 VERIFING THE MAST ARMS LENGTHS.

THE EXACT LOCATION OF ALL UTILITES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EDULPMENT, 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).

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.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. LOCAL COVERNMENT ACENCIES AND 1001.

THE CONTRACTOR SHALL RELOCATE ANY EXISTING SIGN PANELS, INCLUDING BLANK OUT SIGNS, FROM 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.

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BEFORE STARTING ANY EXCAVATION. THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR BIL FOR FIELD LOCATIONS OF BURIED ELECTRIC. TELEPHONE AND GAS UTILITIES. 48 HOUR

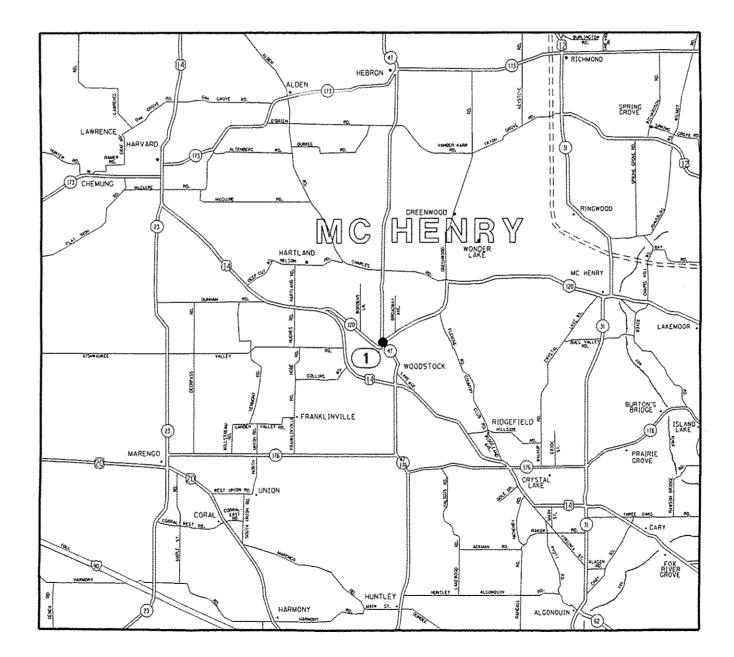
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS 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.

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

		NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.
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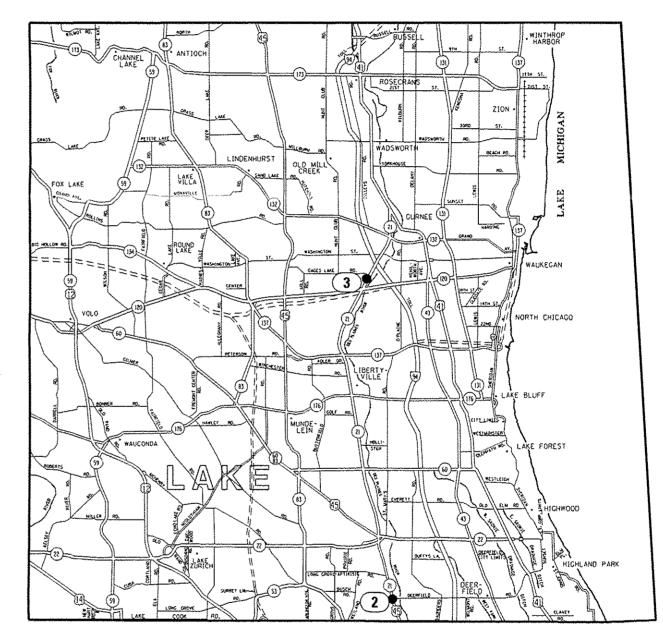
LOC. NO.	TS NO.	INTERSECTION NAME	MUNICIPALITY	COUNTY
1	15088	IL 47 AT IL 120	WOODSTOCK	MCHENRY
2	21410	IL 21 (MILWAUKEE AVE) AT CORPORATE WOODS PKWY	VERNON HILLS	LAKE
3	6650	IL 21 (MILWAUKEE AVE) AT DEERFIELD PKWY	BUFFALO GROVE	LAKE
4	405	US 12 (RAND RD) AT KENNICOTT DR	ARLINGTON HEIGHTS	COOK
5	12640	US 12 (RAND RD) AT ARLINGTON PLAZA	ARLINGTON HEIGHTS	COOK
6	12595	US 12 (RAND RD) AT ARLINGTON HEIGHTS RD	ARLINGTON HEIGHTS	COOK
7	12630	US 12 (RAND RD) AT PALATINE RD	ARLINGTON HEIGHTS	COOK
8	421	US 12 (RAND RD) AT BEVERLY LN	ARLINGTON HEIGHTS	COOK
9	415	US 12 (RAND RD) AT DRYDEN AVE	ARLINGTON HEIGHTS	COOK
10	395	US 12 (RAND RD) AT EUCLID AVE	ARLINGTON HEIGHTS	COOK
11	380	US 12 (RAND RD) AT 1L 83 (ELMHURST RD) AT KENSINGTON RD	MOUNT PROSPECT	COOK
12	21285	BARRINGTON RD AT RAMBLEWOOD DR	STREAMWOOD / HANOVER PARK	COOK
13	13675	RANDOLPH ST AT DES PLAINES AVE	FOREST PARK	COOK
14	2650	IL 50 / IL 83 (CICERO AVE) AT 135TH ST	CRESTWOOD	СООК
15	1850	IL 1 (HALSTED ST) AT JOE ORR RD	CHICAGO HEIGHTS	COOK

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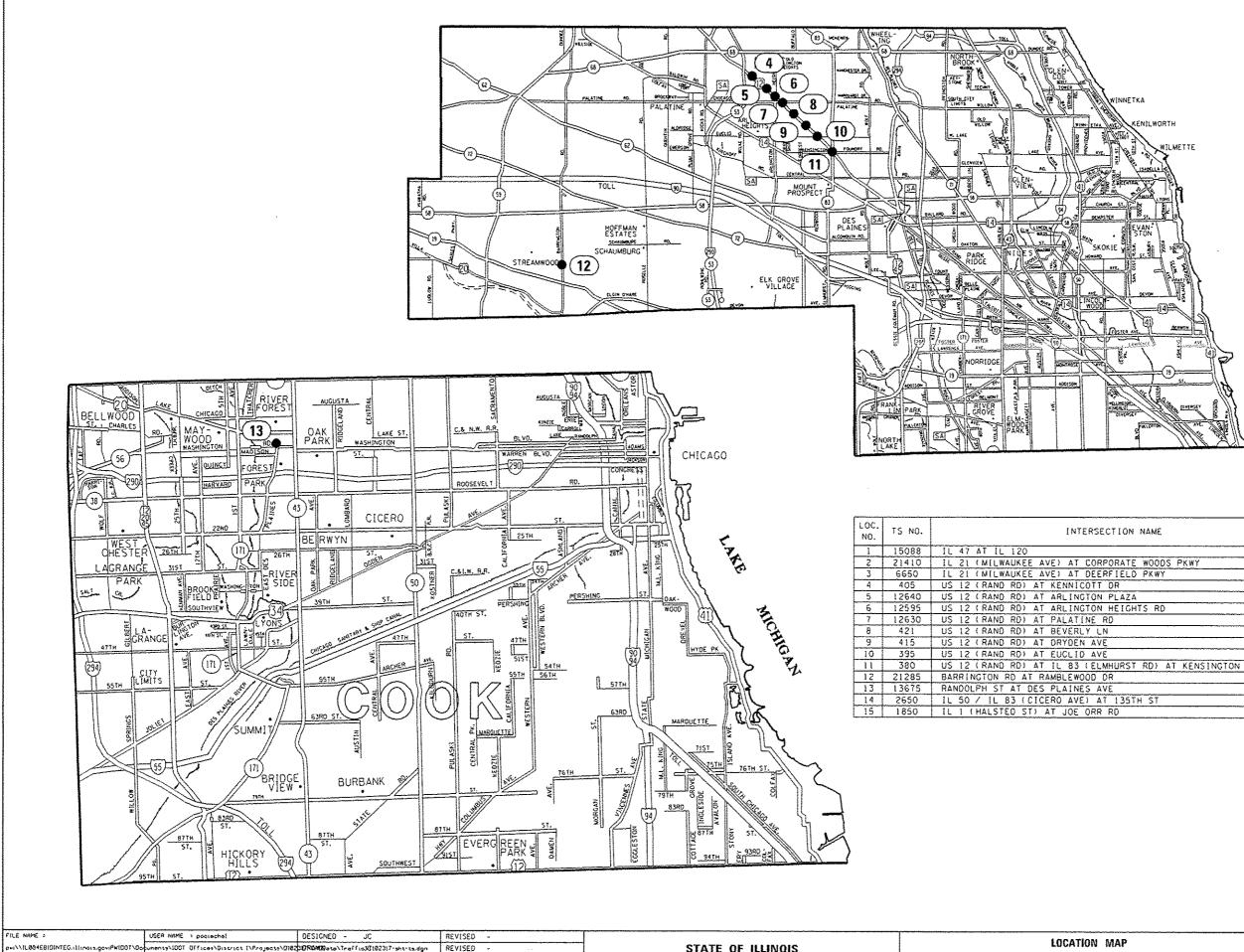
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15	1850	IL 1 (HALSTED ST) AT JOE ORR RD	CHICACO HEIGHTS	COOK



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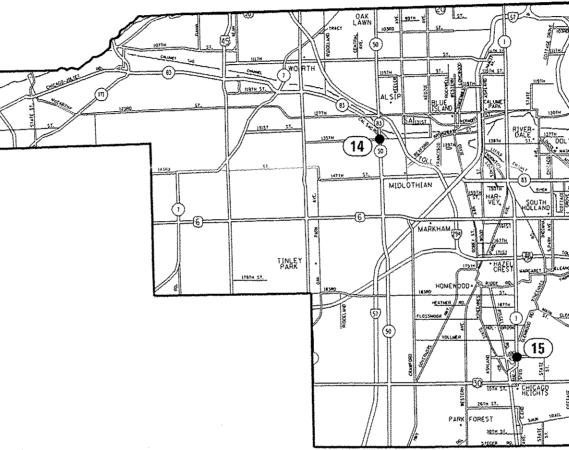




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ION NAME	MUNICIPALITY	COUNTY
	WOODSTOCK	MCHENRY
RATE WOODS PKWY	VERNON HILLS	LAKE
IELD PKWY	BUFFALO GROVE	LAKE
R	ARLINGTON HEIGHTS	COOK
LAZA	ARLINGTON HEIGHTS	СООК
EIGHTS RD	ARLINGTON HEIGHTS	COOK
	ARLINGTON HEIGHTS	COOK
URST RD) AT KENSINGTON RD	MOUNT PROSPECT	COOK
	STREAMWOOD / HANOVER PARK	COOK
	FOREST PARK	COOK
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COLUMN NUMBER	TS NO.	INTERSECTION NAME	FEDERAL	STATE	LAKE COUNTY	VERNON HILLS	ARL INGTON HE IGHT S	MOUNT PROSPECT	STREAMWOOD	HANOVER PARK	FOREST PARK	CRESTWOOD						An of a state of the					
1	15088	IL 47 AT IL 120	90%	10%																			
3	21410	IL 21 (MILWAUKEE AVE) AT CORPORATE WOODS PKWY	90%			10%																	-
4	6650	IL 21 (MILWAUKEE AVE) AT DEERFIELD PKWY	90%	5%	5%															<u> </u>			
5	405	US 12 (RAND RD) AT KENNICOTT DR	90%	6, 7%			3. 3%		<u> </u>				· · ·										
2	12640	US 12 (RAND RD) AT ARLINGTON PLAZA	90%				10%															<u> </u>	
1	12595	US 12 (RAND RD) AT ARLINGTON HEIGHTS RD	90%	10%										<u> </u>									_
1	12630	US 12 (RAND RD) AT PALATINE RD	90%	10%																			
2	421	US 12 (RAND RD) AT BEVERLY LN	90%				10%													<u></u>		<u></u>	_
6	415	US 12 (RAND RD) AT DRYDEN AVE	90%	5%			5%					1											_
1	395	US 12 (RAND RD) AT EUCLID AVE	90%	10%																		<u> </u>	╞
?	380	US L2 (RAND RD) AT IL 83 (ELMHURST RD) AT KENSINGTON RD	90%	7. 5%				2. 5%														<u></u>	+
8	21285	BARRINCTON RD AT RAMBLEWOOD OR	90%	5%					2. 5%	2. 5%								1				<u> </u>	+
g	13675	RANDOLPH ST AT DES PLAINES AVE	90%	7. 5%							2.5%											<u> </u>	+
10	2650	IL 50 / IL 83 (CICERO AVE) AT 135TH ST	90%	7.5%							+	2.5%					+	+	<u> </u>	<u> </u>			+
1	1850	IL L (HALSTED ST) AT JOE ORR RD	90%	10%												+		<u> </u>		ļ	- <u> </u>	+	
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	SUMMARY OF QUANTITIES							COUNTY	TOTAL	SHEET NO.	
		191	IEET 1 OF		2016-056TS	VARIOUS	55	7			
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		1		1	2	3	4	5	6	TRAFFIC	SIGNAL
CODE NO.	ITEM	UNIT	TOTAL QTY								021
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67000400	ENGINEER'S FIELD OFFICE. TYPE A	CAL MO	6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
67100100	MOBILIZATION	LSUM	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70102635	TRAFFIC CONTROL AND PROTECTION. STANDARD 701701	LSUM	1	0.1	0. 1	0.1	0.1	0.1	0.1	0.1	0-1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	0. 1	0.1	0.1	Q. 1	0.1	0.1	0.1	0.1
81028220	UNDERGROUND CONDUIT. GALVANIZED STEEL, 3" DIA.	FOOT	845	458		10	44	17	29	183	2
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	15	5	2	1		en este de la constante de la constante de la	and the second sec		1
86400100	TRANSCEIVER - FIBER OPTIC	ЕАСН								1	
87301215	ELECTRIC CABLE IN CONDUIT. SIGNAL NO. 14 2C	FOOT	18,045	7,575	560	270	475	150	1.030	5,440	330
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	22. 315	10,050	590	280	490	165	1.085	6, 980	345
											· · · · ·
87301900	ELECTRIC CABLE IN CONDUIT. EQUIPMENT GROUNDING CONDUCTOR. NO. 6 1C	FOOT	1.452	747		20	70	50	75	245	15
87502440	TRAFFIC SIGNAL POST. GALVANIZED STEEL 10 FT.	EACH	37	20			1	2	1	5	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	176	80		4	8	8	16	20	4
87900200	ORILL EXISTING HANDHOLE	EACH	43	20			2	2	3	5	
88102717	PEDESTRIAN SIGNAL HEAD. LED. 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	87	40	4	2	2	2	8	11	2

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CODE NO.	ITEM	UNIT	TOTAL OTY					<u></u>			021
NO.							[Τ		URI	BAN
88500100	INDUCTIVE LOOP DETECTOR	EACH	27							27	
88800100	PEDESTRIAN PUSH-BUTTON	EACH	73	30	4	2	2	2	8	9	
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	3						3		
89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	2	2						+	
89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	3						3		
89502200	MODIFY EXISTING CONTROLLER	EACH	14	5	2		1	1 1			1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	14	5	2]	1		<u> </u>	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	165	45					120		
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	1						N.	
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5	2					3		
X8570231	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1							anter a second and a	
¥8760055	PEDESTRIAN PUSH-BUTTON POST. TYPE A	EACH	4			1	1				
						1					-
X8880015	PEDESTRIAN PUSH-BUTTON, NON-LATCHING	EACH	2								2
20030850	TEMPORARY INFORMATION SIGNING	SO FT	514	154.2		51.4	51.4	25. 7		77.1	51.

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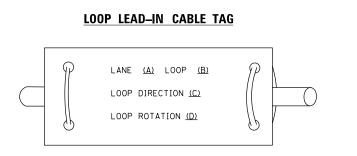
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4)			2016-05615	VARIOUS	55	10
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TRAFFIC SIGNAL LEGEND

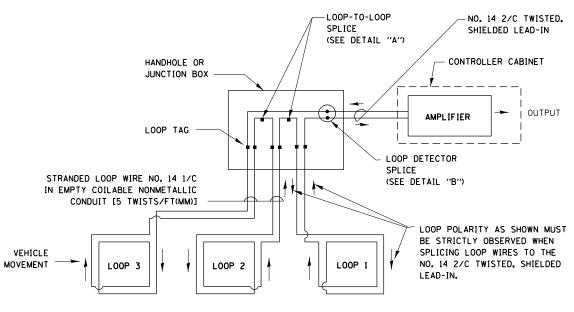
				(NOT TO SCALE)				
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET	\boxtimes	\mathbf{X}	HANDHOLE -SQUARE			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	\mathbb{R} \mathbb{R}	R R
COMMUNICATION CABINET	ECC	CC	-ROUND HEAVY DUTY HANDHOLE				RICE	R R Y Y G G \mathbf{\Phi} Y \mathbf{\Phi} Y \mathbf{\Phi} G \mathbf{\Phi} Y \mathbf{\Phi} G \mathbf{\mathbf{\Phi}} Y
MASTER CONTROLLER	EMC	MC	-SQUARE -ROUND	H (H)	H (P)			€ G € G P
MASTER MASTER CONTROLLER	EMMC	ММС	DOUBLE HANDHOLE					
UNINTERRUPTABLE POWER SUPPLY	4	F	JUNCTION BOX	Ø	0	SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	R R R Y Y Y	$ \begin{array}{ c c c } \hline R \\ \hline Y \\ \hline G \\ \hline \bullet Y \\ \hline \bullet G \\ \hline \bullet G \\ \hline \hline \bullet G \\ \hline \hline$
SERVICE INSTALLATION	- C - ^P	- P -	RAILROAD CANTILEVER MAST ARM	X OX X X	X ex X X			G G G •Y •Y •G •G •G
-(P) POLE MOUNTED SERVICE INSTALLATION		-	RAILROAD FLASHING SIGNAL	X oX	X+X		P RB	P RB
-(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	$\boxtimes^{G}\boxtimes^{GM}$	S S GM	RAILROAD CROSSING GATE	X0X>	X• X-	PEDESTRIAN SIGNAL HEAD		
TELEPHONE CONNECTION	ET	Т	RAILROAD CROSSBUCK	¥	¥	AT RAILROAD INTERSECTIONS) ()	×.
STEEL MAST ARM ASSEMBLY AND POLE	0	•	RAILROAD CONTROLLER CABINET		\mathbf{r}	PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	C C	₩ C ★ D
ALUMINUM MAST ARM ASSEMBLY AND POLE	0		UNDERGROUND CONDUIT (UC), GALVANIZED STEEL					
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE	o-¤—	•*	TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SIGNAL POST	0	• • BM	SYSTEM ITEM	S	SP	NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE.	5	
-(BM) BARREL MOUNTED - TEMPORARY			INTERSECTION ITEM	Ι	IP	ALL DETECTOR LOOP CABLE TO BE SHIELDED		(5)
WOOD POLE	\otimes	θ	REMOVE ITEM		R	GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)	- 1*6 -	
GUY WIRE	>	>	RELOCATE ITEM		RL	ELECTRIC CABLE IN CONDUIT, TRACER		
SIGNAL HEAD SIGNAL HEAD WITH BACKPLATE	-> +>	-► +►	ABANDON ITEM		А	NO. 14 1/C		
	РР	РР	CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF	COAXIAL CABLE	— <u> </u>	— <u>c</u> —
SIGNAL HEAD OPTICALLY PROGRAMMED FLASHER INSTALLATION			MAST ARM POLE AND		RMF	VENDOR CABLE		
-(FS) SOLAR POWERED	↔> ^F ↔> ^{FS} □+> ^F □+> ^{FS}	←→ ^F ↔→ ^{FS}	FOUNDATION TO BE REMOVED			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	6#18	6#18
			FOUNDATION TO BE REMOVED		RPF	FIBER OPTIC CABLE	\sim	_
PEDESTRIAN SIGNAL HEAD	-0	-	DETECTOR LOOP, TYPE I			-NO. 62.5/125, MM12F -NO. 62.5/125, MM12F	- <u>(12F)</u>	
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	Ø Ø APS		PREFORMED DETECTOR LOOP		P (P)	-NO. 62.5/125, MM12F SM24F	24F	
RADAR DETECTION SENSOR	R	R	SAMPLING (SYSTEM) DETECTOR		s s		36F	
VIDEO DETECTION CAMERA			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	[IS] (IS)	IS (IS)			
RADAR/VIDEO DETECTION ZONE			QUEUE AND SAMPLING		os (05)	GROUND ROD -(C) CONTROLLER -(M) MAST ARM	<u>≟^C ≟^M ≟^P ≟</u> S T T T T	$\stackrel{\underline{:}C}{=} \stackrel{\underline{:}M}{=} \stackrel{\underline{:}P}{=} \stackrel{\underline{:}S}{=}$
PAN, TILT, ZOOM (PTZ) CAMERA	L ZIA	PTZ	(SYSTEM) DETECTOR WIRELESS DETECTOR SENSOR	() ()	©	-(P) POST -(S) SERVICE		
EMERGENCY VEHICLE LIGHT DETECTOR	\sim	-	WIRELESS ACCESS POINT		Š			
CONFIMATION BEACON	0-()	+ 1		¥	—			
WIRELESS INTERCONNECT	0•1 	●+ ++++++						
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LOOP DETECTOR NOTES

- 1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- 2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- 3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- 4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- 5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- 6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- 7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

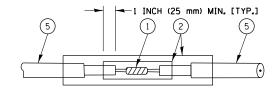


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

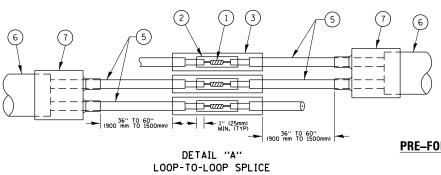


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE. THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



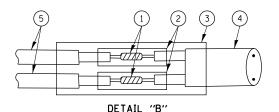
DETAIL "A" LOOP-TO-LOOP SPLICE



LOOP DETECTOR SPLICE

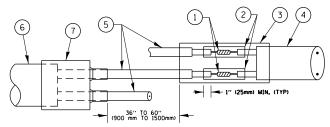
- (1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SUF OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE ST
- (2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER
- (3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER
- (4) NO. 14 2/C TWISTED, SHIELDED CABLE.

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LOOP-TO-CONTROLLER SPLICE

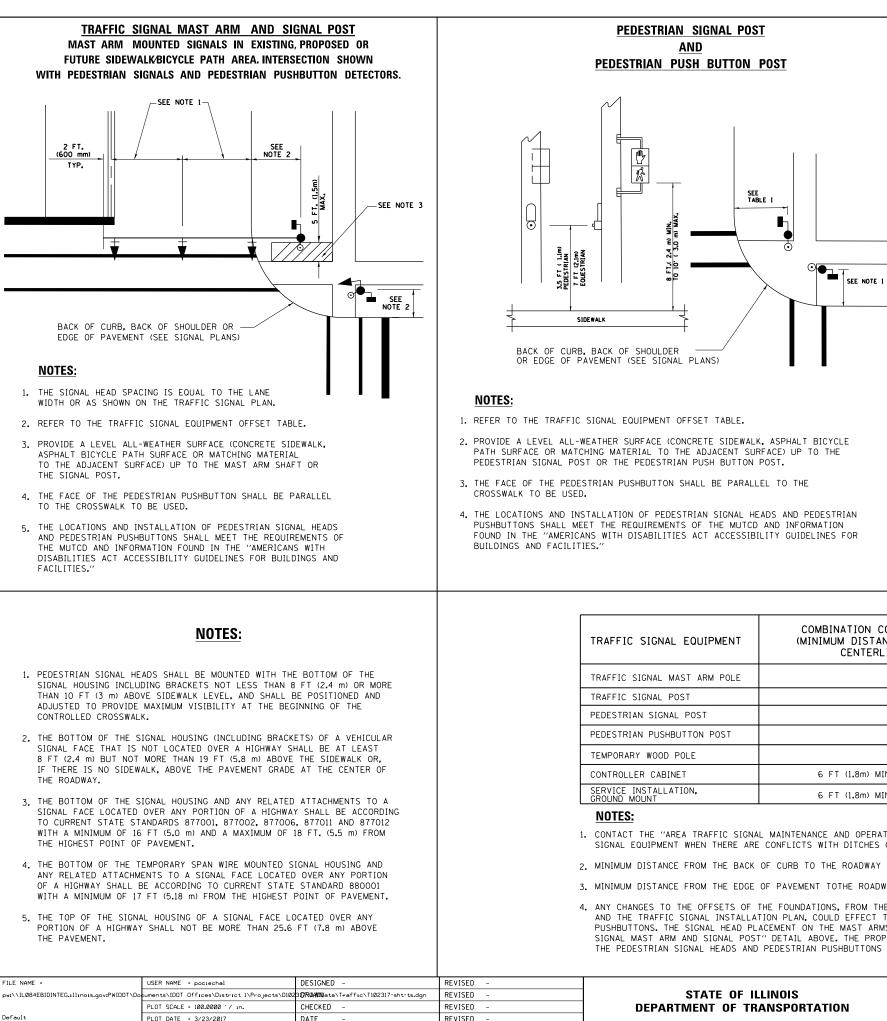
TYPE I LOOP



PRE-FORMED LOOP

DETAIL "B" LOOP-TO-CONTROLLER SPLICE

	5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
STAGGERED.	6 PRE-FORMED LOOP
R GRADE.	
R GRADE.	7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL



TRAFFIC SIGNAL EQUIPMENT OFFSET

5.0 FT. (1.5 m) MAX.

RAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	
RAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOU
RAFFIC SIGNAL POST	4 FT (1.2m)	SHOU
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOU
EDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOU
EMPORARY WOOD POLE	6 FT (1.8m)	SHOU
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOU
ERVICE INSTALLATION, ROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOU

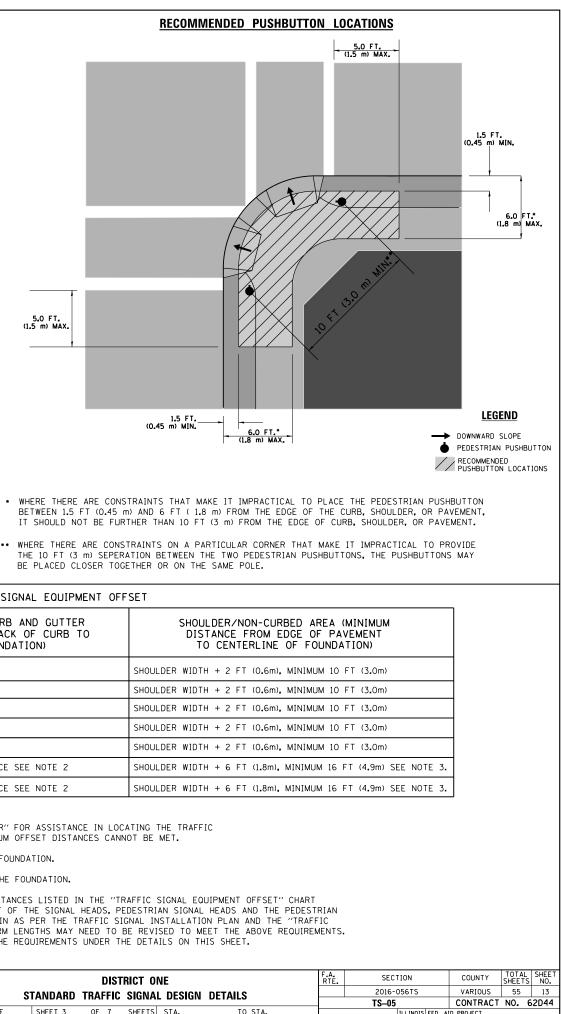
1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.

2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.

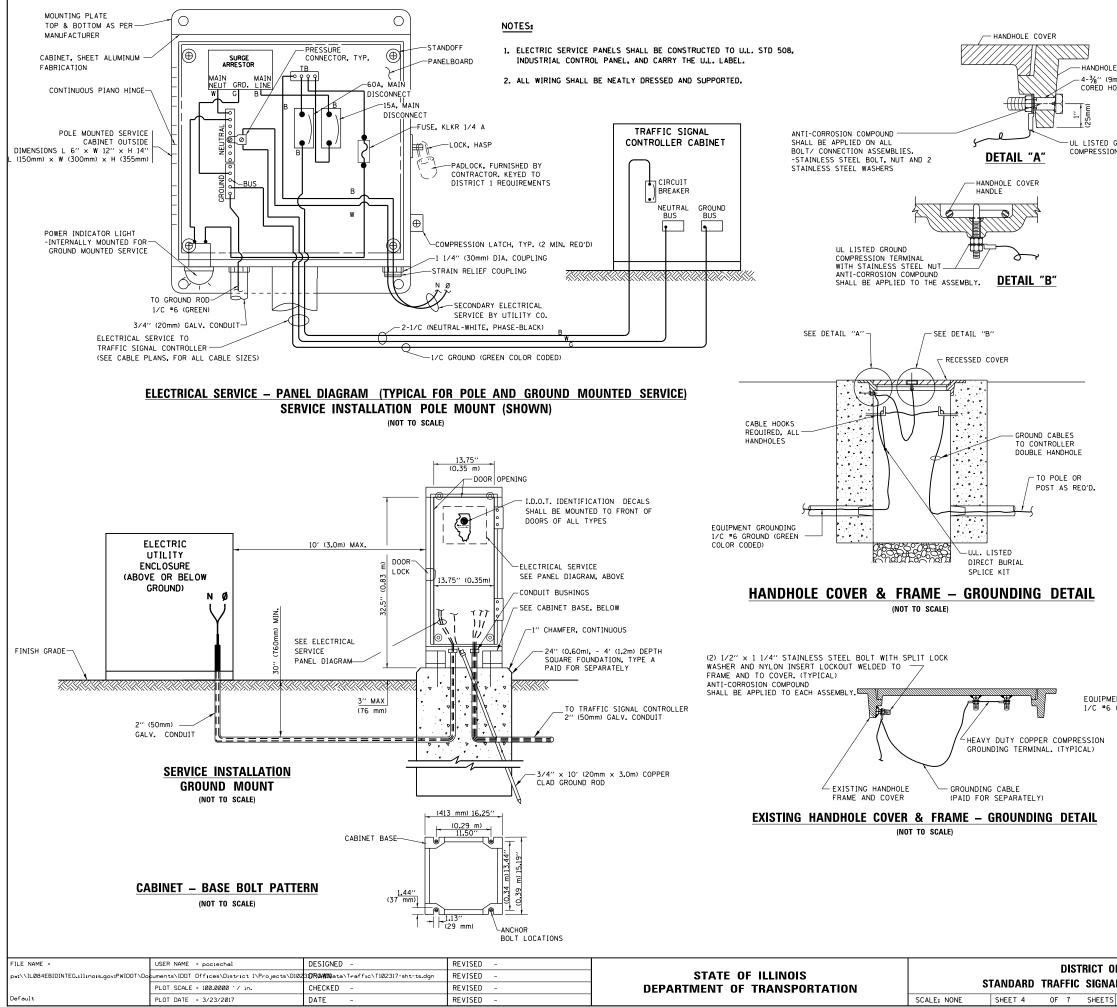
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TOTHE ROADWAY SIDE OF THE FOUNDATION.

4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

> SCALE: NONE SHEET 3 OF 7 SHEETS STA



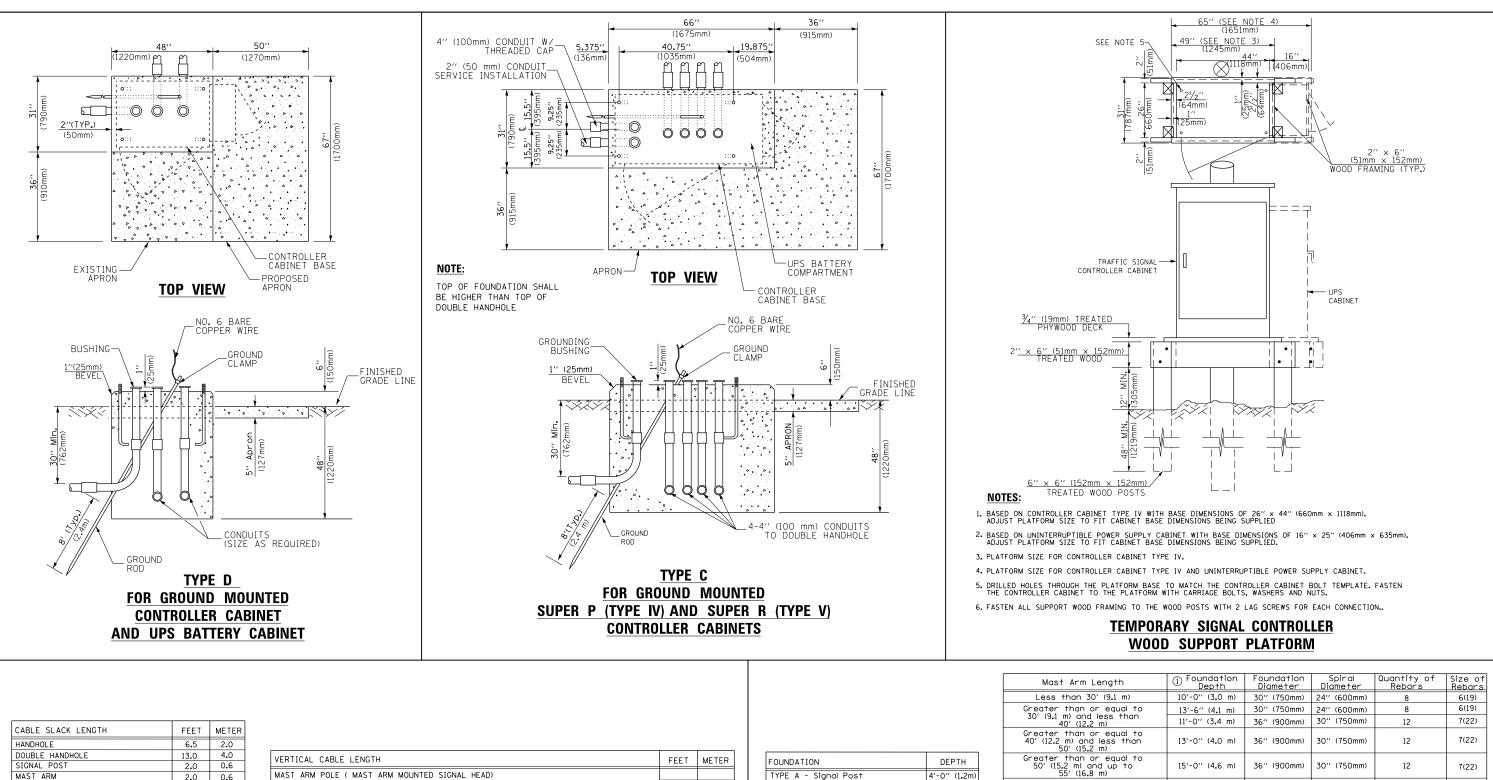
TULINOIS FED AID PROJECT



NOTES: GROUNDING SYSTEM

DLE FRAME (9mm) DIA., HOLES D GROUND ION TERMINAL	 THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC., GROUND ROD SHALL BE 3/4" DIA. × 10'-0" (20mm × 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) TOS-4139. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET. THE CONTROLLER CABINET.
	Outry compression terminal (type ygha or approved equal) $\chi_{4''}$ (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL) MOTES: • ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED. • GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES (5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES (3' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.
OR AP MENT GROUNDIN 6 GROUND (GREE	DY TYPE KC, K2C, PROVED EQUAL) HEAVY DUTY GROUND ROD CLAMP, FXOTHERMIC WELD.

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		2016-056TS	VARIOUS	55	14
		TS-05	CONTRACT	NO. 6	52D44
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HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM) BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	20.0+L	6.0+L
	20.0+L	
BRACKET MOUNTED (MAST ARM FOLE OR SIGNAL FOLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0'' (1.2m
TYPE C - CONTROLLER W/ UPS	4'-0'' (1.2m
TYPE D - CONTROLLER	4'-0'' (1.2m
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SOUARE	4'-0'' (1.2m

DEPTH OF FOUNDATION

NOTES:

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION			TS05	CONTRACT NO. 62D44
Default	PLOT DATE = 3/23/2017	DATE -	REVISED -		SCALE: NONE SHEET 5 OF 7 SHEETS STA. TO STA.		ILLINOIS FED.	AID PROJECT

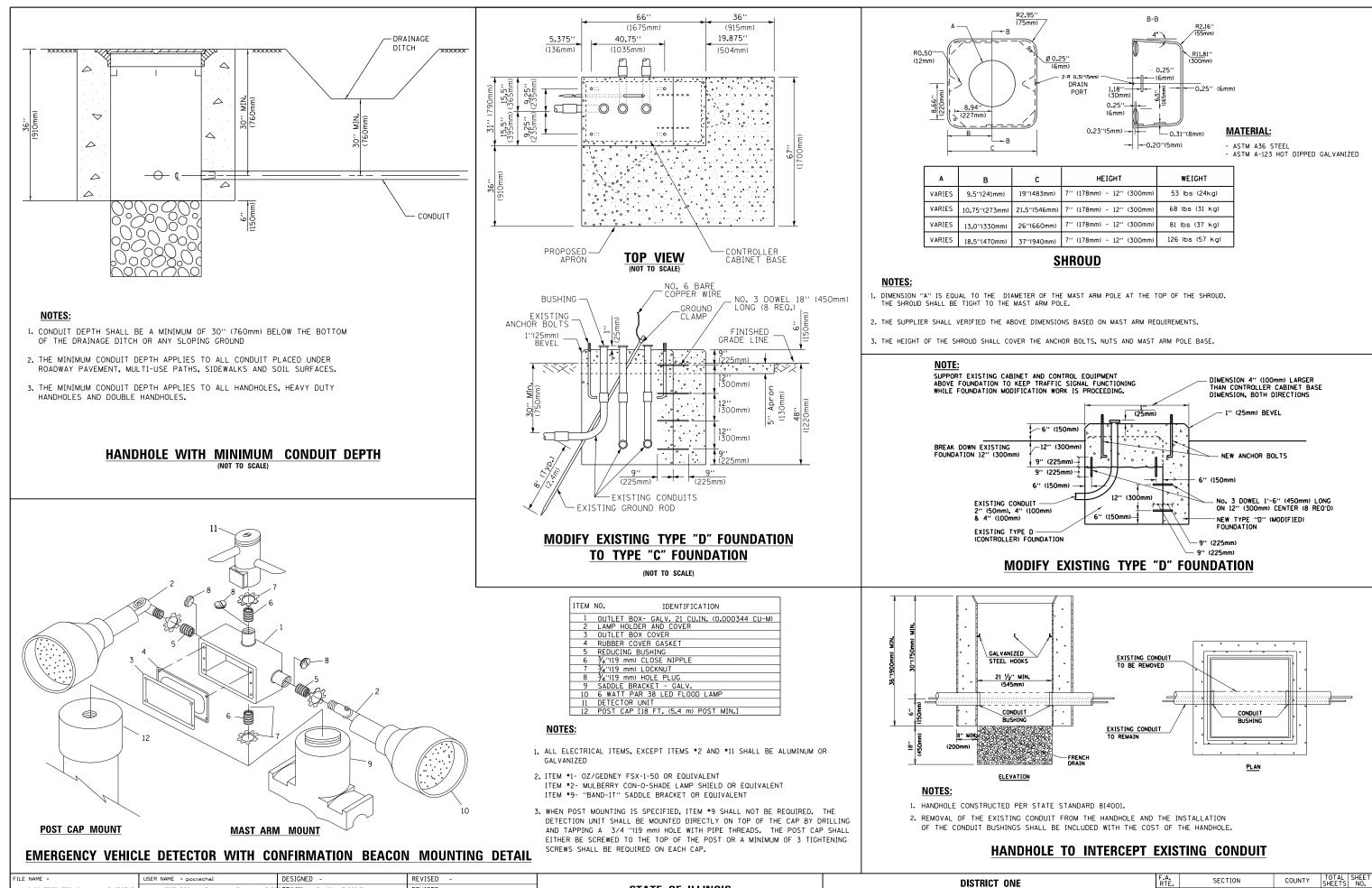
Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30′ (9.1 m)	10'-0'' (3.0 m)	30'' (750mm)	24'' (600mm)	8	6(19)
Greater than or equal to	13'-6" (4.1 m)	30'' (750mm)	24'' (600mm)	8	6(19)
30' (9.1 m) and less than 40' (12.2 m)	11'-0'' (3.4 m)	36'' (900mm)	30'' (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0'' (4.0 m)	36'' (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0'' (4.6 m)	36'' (900mm)	30'' (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0'' (6.4 m)	42'' (1060mm)	36'' (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0'' (7.6 m)	42'' (1060mm)	36'' (900mm)	16	8(25)

Insection of the shaft, with an average Unconfined Compressive Solis (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Ou) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & structures should be contacted for a revised design if other conditions are encountered.

2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.

Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations

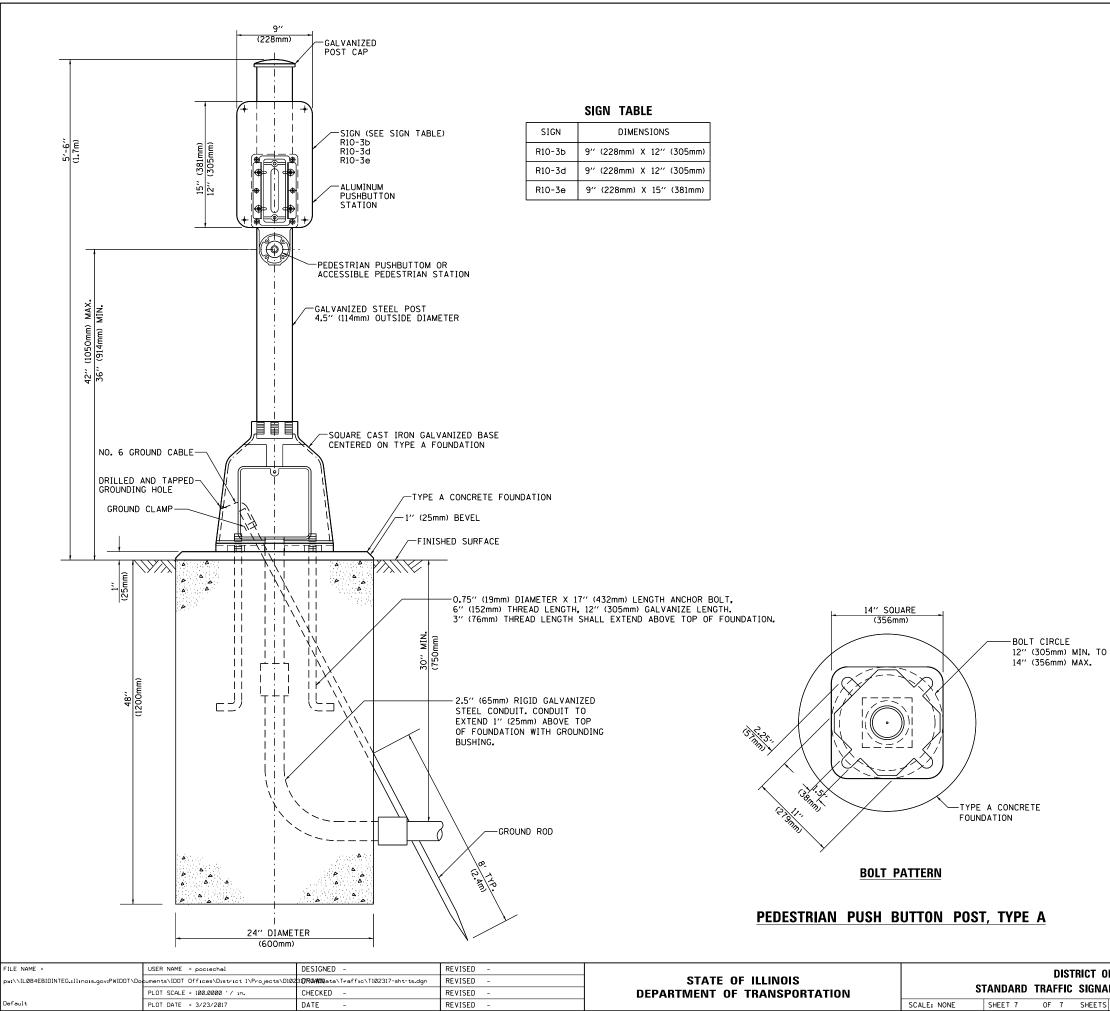
4. For mast arm assemblies with dual arms refer to state standard 878001..



FILE NAME =	USER NAME = pociechal	DESIGNED -	REVISED -				סות	STRICT (٥N
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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	S	TANDARD	IKAFFIC	5 SIGN/	AL
Default	PLOT DATE = 3/23/2017	DATE -	REVISED -		SCALE: NONE	SHEET 6	0F 7	SHEETS	s

	с	HEIGHT	WEIGHT
1)	19''(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
m)	21.5''(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
n)	26''(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
n)	37''(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

10	NE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IAL DESIGN DETAILS					2016-056TS	VARIOUS	55	16
	AL DESIGN DETAILS				TS-05	CONTRACT	NO. 6	52D44
٢S	STA.	TO	STA.	ILLINOIS FED. AI	D PROJECT			

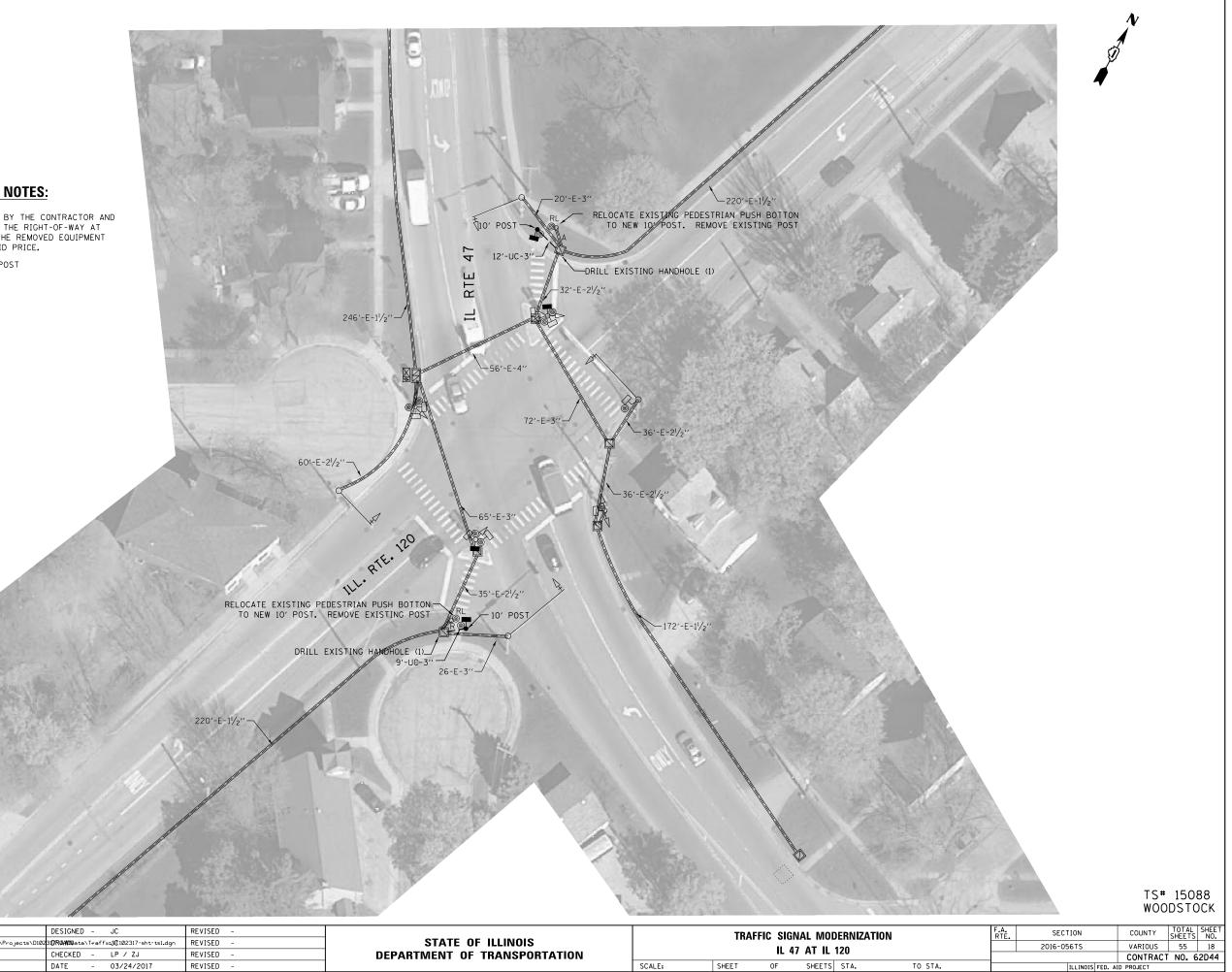


01	VE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1	DESIGN	DETAILS		2016-056TS	VARIOUS	55	17
		DETAILS		TS-05	CONTRACT	NO. 6	2D44
ſS	STA.	TO STA.		ILLINOIS FED. A	D PROJECT		



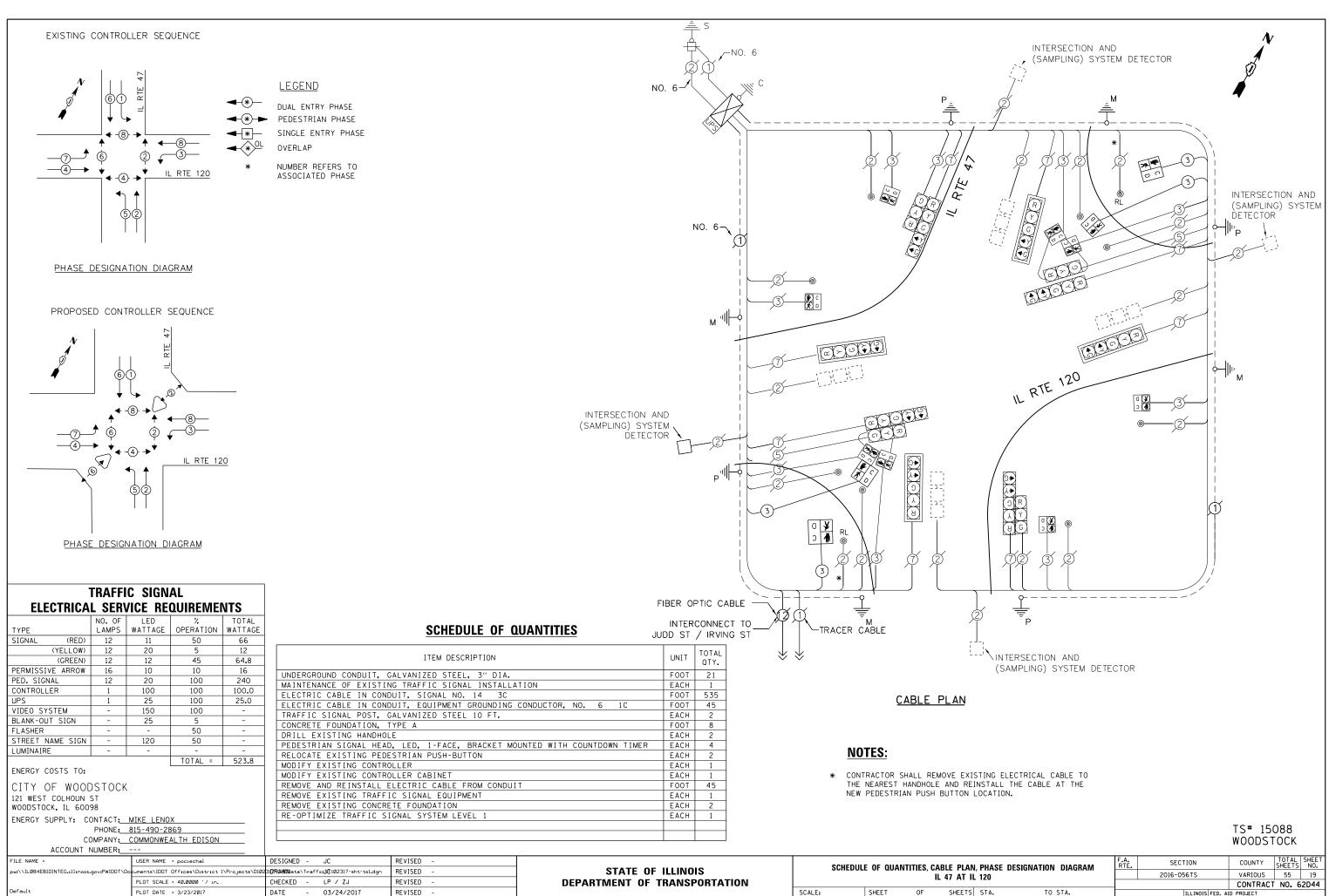
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

2 EACH PEDESTRIAN PUSH-BUTTON POST

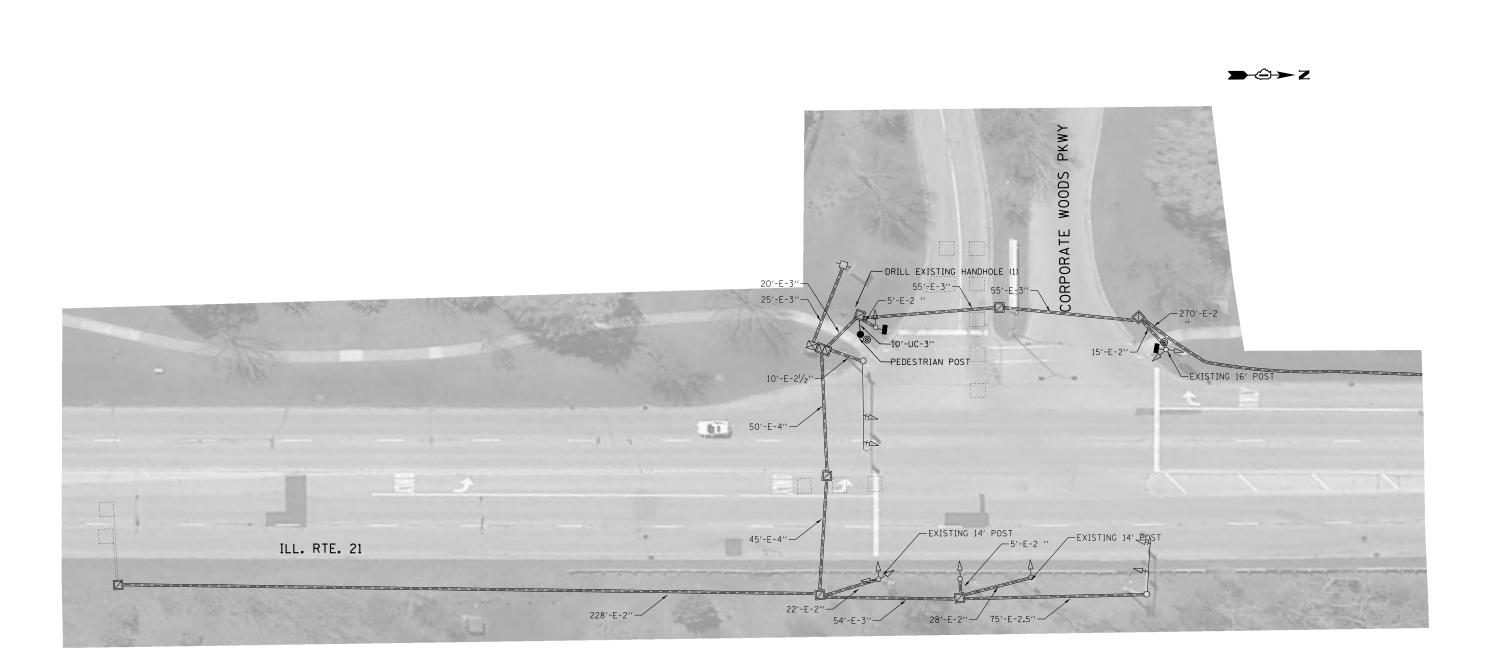


ILLINOIS FED. AID PROJECT

FILE NAME =	USER NAME = pociechal	DESIGNED – JC	REVISED -			TRAF	FIC SIG		
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	PLOT SCALE = 40.0000 '/ in.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION			IL 4	47 AT I	IL I
Default	PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEE	тs



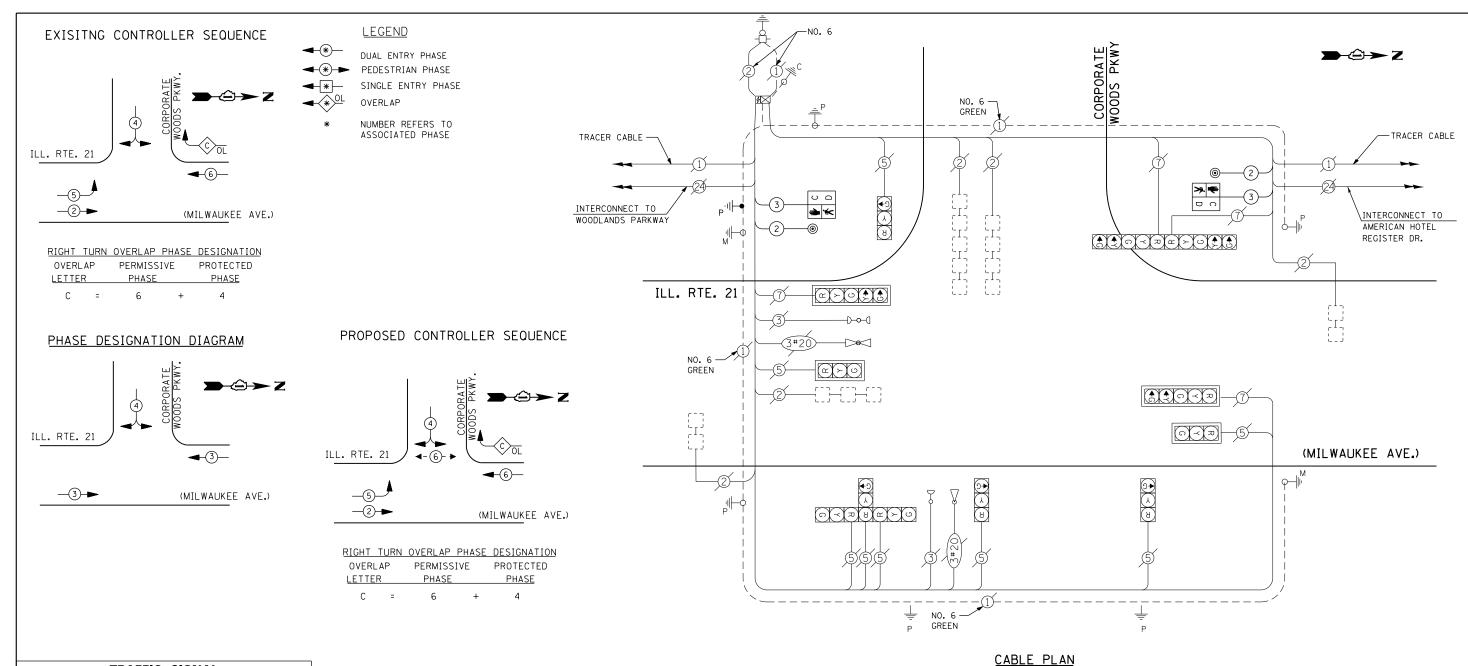
ΔN	PHASE D	ESIGNATION DIAGRAM	RTE.	SECTION	COONT	SHEETS	NO.
IL				2016-056TS	VARIOUS	55	19
					CONTRACT	NO. (52D44
TS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		





FILE NAME =	USER NAME = poclechal	DESIGNED – JC	REVISED -			TRAF	FFIC SIG		DFRNIZATI	ON	F.A. BTF.	SECTION	COUNTY	TOTAL SHEFTS	SHEET
pw://IL084EBIDINTEG.1llinois.gov:PWIDOT/Do		31 DR0AWIN ata\T+affic)C102317-sht-tsl.dgn	REVISED -	STATE OF ILLINOIS	11 21	TRAFFIC SIGNAL MODERNIZATION IL 21 (MILWAUKEE AVE) AT CORPORATE WOODS PKWY			2016-056TS	VARIOUS	55	20			
	PLOT SCALE = 40.0000 '/ in.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION		IL 21 (MILWAUKEE AVE) AT CORPORATE WOODS PKWY					CONTRACT	NO.	62D44		
Default	PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE:	SCALE: SHEET OF SHEETS STA. TO STA.					ILLINOIS FED.	AID PROJECT			

TS# 21410 VERNON HILLS



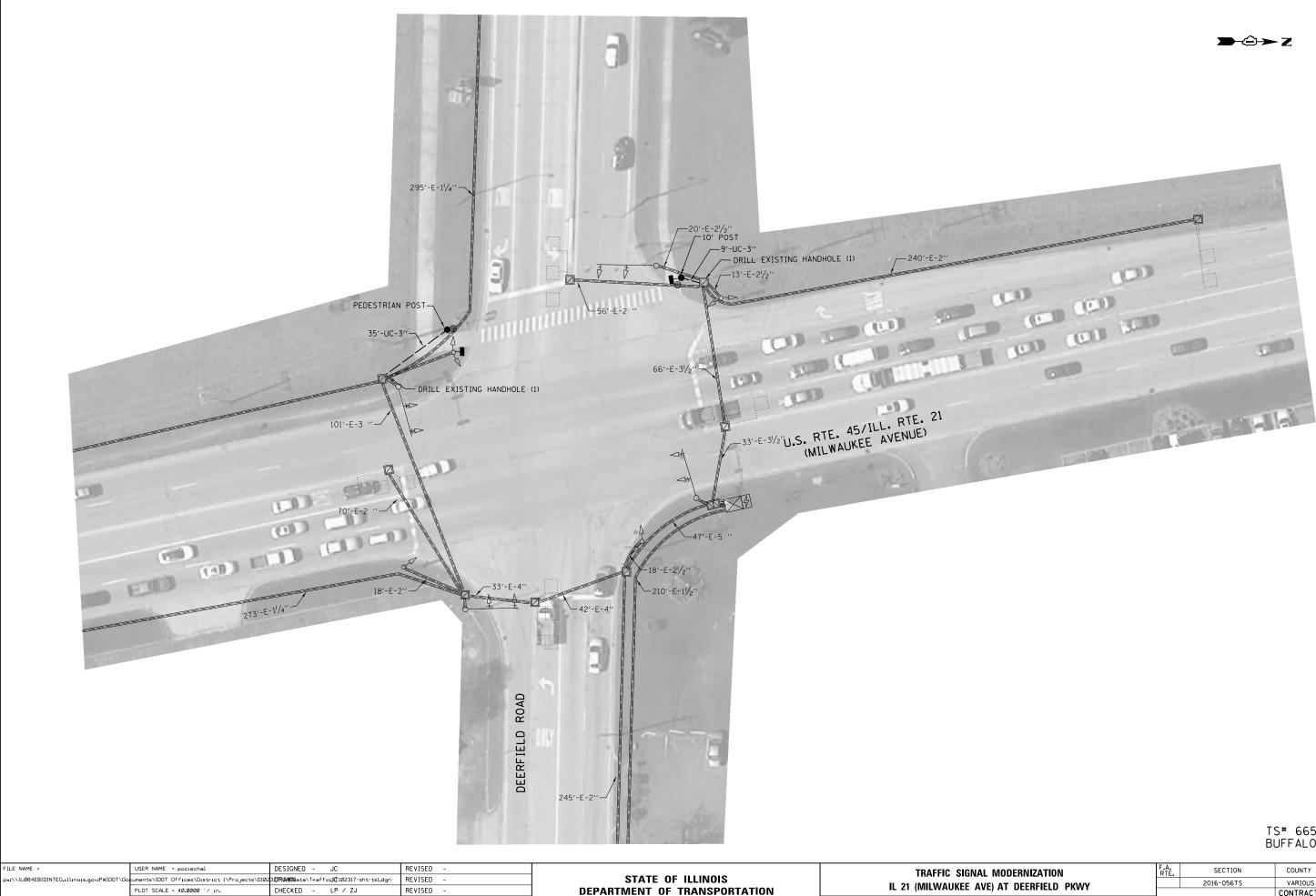
-	TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS										
ELECTRICA	L SER\	ICE RE	QUIREMEI	NTS							
	NO. OF	LED	7.	TOTAL							
TYPE	LAMPS	WATTAGE	OPERATION	WATTAGE							
SIGNAL (RED)	12	11	50	66.0							
(YELLOW)	12	20	5	12.0							
(GREEN) 12 12 45 64.8											
PERMISSIVE ARROW 8 10 10 8.0											
PED. SIGNAL 2 20 100 40.0											
CONTROLLER 1 100 100 100.0 LIPE 1 25 100 25 0											
UPS 1 25 100 25.0											
VIDEO SYSTEM - 150 100 -											
BLANK-OUT SIGN - 25 5 -											
BLANK-OUT SIGN - 25 5 - FLASHER - - 50 -											
STREET NAME SIGN	-	120	50	-							
LUMINAIRE	-	-	-	-							
			TOTAL =	315.8							
ENERGY COSTS TO:											
VILLAGE OF V	ERNON	HILLS									
290 EVERGREEN DRI	VE										
VERNON HILLS, IL 6	0061										
ENERGY SUPPLY: CO	ONTACT:	TERRI BLE	СК								
		847-816-52									
CC			ALTH EDISON								
ACCOUNT											
FILE NAME =		USER NAME									

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	10
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	270
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	280
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	20
CONCRETE FOUNDATION. TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
PEDESTRIAN PUSH-BUTTON	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

ACCOUNT NUMBER													
FILE NAME =	USER NAME = poclechal	DESIGNED – JC	REVISED -		SCHED	ULE OF QUANTI	ITIES, CAI	BLE PLAN, PHASE DE	SIGNATION DIAGRAM	F.A. RTF	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
pw:\\ILØ84EBIDINTEG.1llinois.gov:PWIDOT\Do	cuments/IDOT Offices/District 1/Projects/D102	31 DR0AWIN ata∖T⊬affıc)(102317-sht-tsl.dgn	REVISED -	STATE OF ILLINOIS		AND EMER	GENCY V	EHICLE PREEMPTION	SEQUENCE		2016-056TS	VARIOUS	55 21
	PLOT SCALE = 40.0000 '/ in.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION		IL 21 (MILWA	AUKEE AV	/E) AT CORPORATE V	VOODS PKWY			CONTRACT	NO. 62D44
Default	PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. /	AID PROJECT	

TS# 21410 VERNON HILLS



Default

PLOT DATE = 3/23/2017

- 03/24/2017

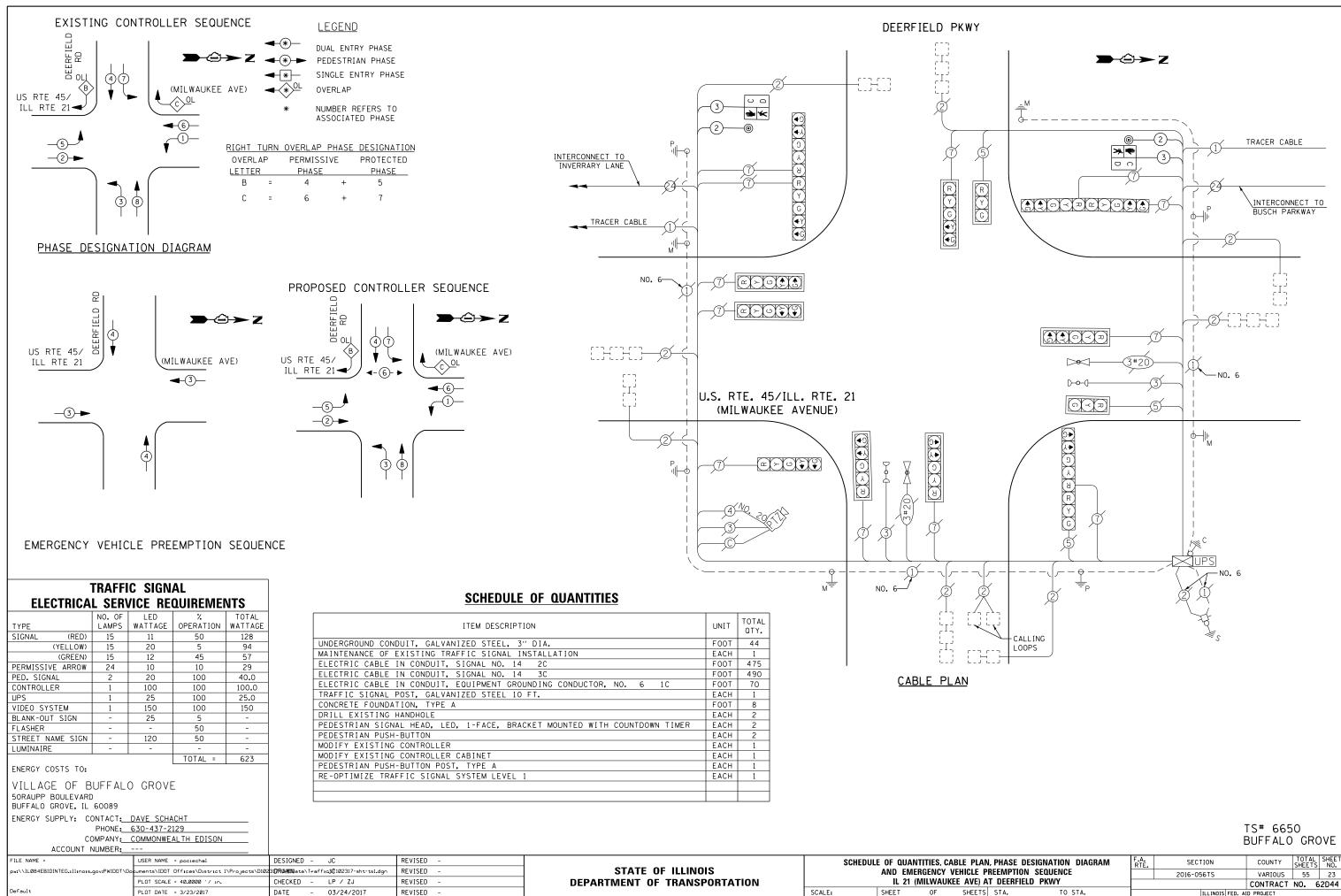
DATE

REVISED -

ISPORTATION	1	. 21 (IVIILVV/	4010
	SCALE:	SHEET	OF

TS# 6650 BUFFALO GROVE

AL MODERNIZATION AVE) AT DEERFIELD PKWY				SECTION	COUNTY	TOTAL	SHEET NO.
			RTE.	2016-056TS	VARIOUS	55	22
,	AVE) AT DEERFIELD PRVVT				CONTRACT	NO. 6	2D44
SHEETS	SHEETS STA. TO STA.			ILLINOIS FED. A	ID PROJECT		

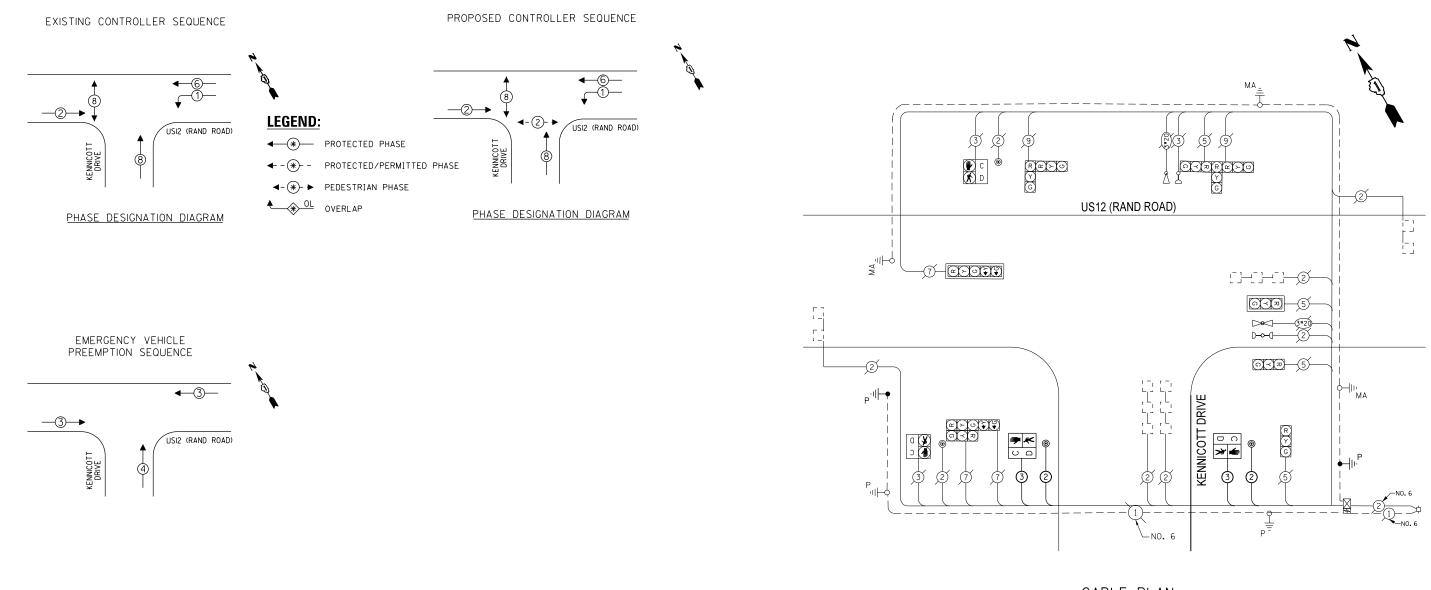


	KEEMIPTION SEU		2016-056	TS		VARIOUS	55	23
A	T DEERFIELD PK	WY				CONTRACT	NO.	62D4
S	STA.	TO STA.	IL	LIN0IS	FED. A	D PROJECT		

			Trick Exist	-E-11/2" 30'-E-3" -10' POST	218-E-2"	
FILE NAME =	USER NAME = pociechel	DESIGNED - JC	REVISED -		T	TS# 405 ARLINGTON HEIGHTS
	PLOT DATE = 3/23/2017		REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION US 12 (RAND RD) AT KENNICOTT DR SCALE: SHEET OF SHEETS STA. TO STA.	F.A. RTE. SECTION COUNTY SHEETS TOTAL SHEETS SHEET NO. 2016-056TS VARIOUS 55 24 CONTRACT NO. 62D44 ILLINOIS FED. AID PROJECT







	TRAFF	C SIGN	AL	
ELECTRICA	L SER	ICE RE	QUIREME	NTS
	NO. OF	LED	7.	TOTAL
TYPE	LAMPS	WATTAGE	OPERATION	WATTAGE
SIGNAL (RED)	11	11	50	60.5
(YELLOW)	11	20	5	11
(GREEN)	11	12	45	59.4
PERMISSIVE ARROW	4	10	10	4
PED. SIGNAL	4	20	100	80
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
			TOTAL =	339.9
ENERGY COSTS TO:				
VILLAGE OF A 33 SOUTH ARLINGTO ARLINGTON HEIGHTS,	N HEIGHT	S ROAD	GHTS	
ENERGY SUPPLY: C	ONTACT:	DAVE SCHA	CHT	
	PHONE:	630-437-2	129	
C	OMPANY	COMMONWE	ALTH EDISON	
ACCOUNT I				
FILE NAME =		USER NAME	= pociechal	
N R CONFORMATEC N	DUIDOT)		000 10 1	

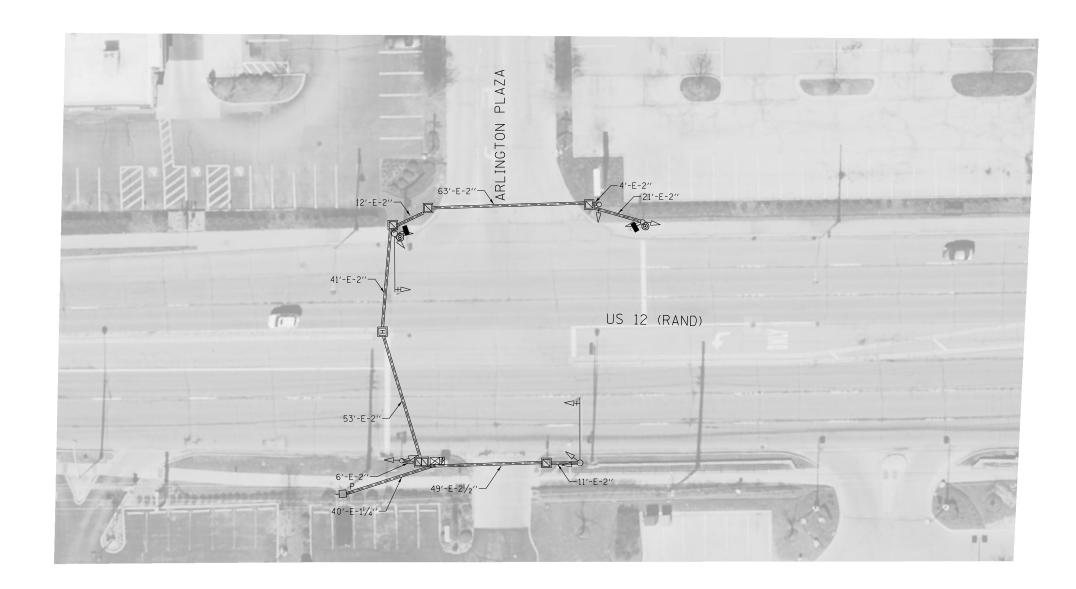
SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	17
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	150
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	165
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	50
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2
CONCRETE FOUNDATION, TYPE A	FOOT	8
DRILL EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
PEDESTRIAN PUSH-BUTTON	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

 ACCOUNT NUMBER.													
FILE NAME =	USER NAME = pociechal	DESIGNED - JC	REVISED -		SCHEDU	LE OF QUAN	TITIES, CA	ABLE PLAN, PHASE	DESIGNATION DIAGRAM	F.A.	SECTION	COUNTY	TOTAL SHEET
pw:\\IL084EBIDINTEG.1111no1s.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\D102	231 07R0440N ata\T+aff1c)(102317-sht-ts3.dgn	REVISED -	STATE OF ILLINOIS		AND EME	RGENCY \	VEHICLE PREEMPTI	ON SEQUENCE		2016-056TS	VARIOUS	55 25
	PLOT SCALE = 40.0000 '/ in.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION		US	12 (RAN	ID RD) AT KENNIC	OTT DR				NO. 62D44
Default	PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. A	ID PROJECT	

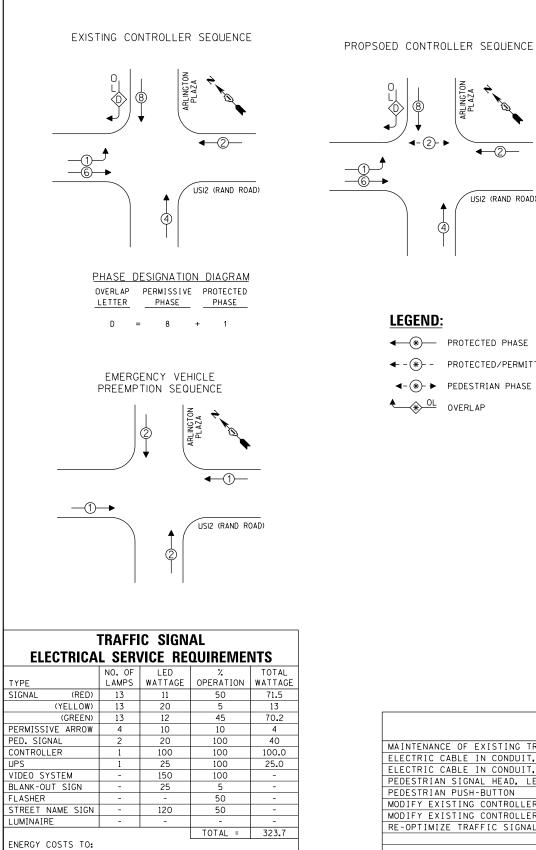
CABLE PLAN

TS# 405 ARLINGTON HEIGHTS



FILE NAME =	USER NAME = poclechel	DESIGNED - JC	REVISED -			TRΔ	FFIC SIG	SNAL MODERNIZAT	ION	F.A.	SECTION	COUNTY	TOTAL SHEET
pw:\\ILØ84EBIDINTEG.1llinois.gov:PWIDOT\Doc	uments\IDOT Offices\District 1\Projects\D102	231 07R04WIN ata\T+affıc)(102317-sht-ts3.dgn	REVISED -	STATE OF ILLINOIS							2016-056TS	VARIOUS	55 26
	PLOT SCALE = 40.0000 '/ in.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION		05 12	(KAND K	RD) AT ARLINGTON	PLAZA				NO. 62D44
Default	PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED.	AID PROJECT	

TS# 12640 ARLINGTON HEIGHTS



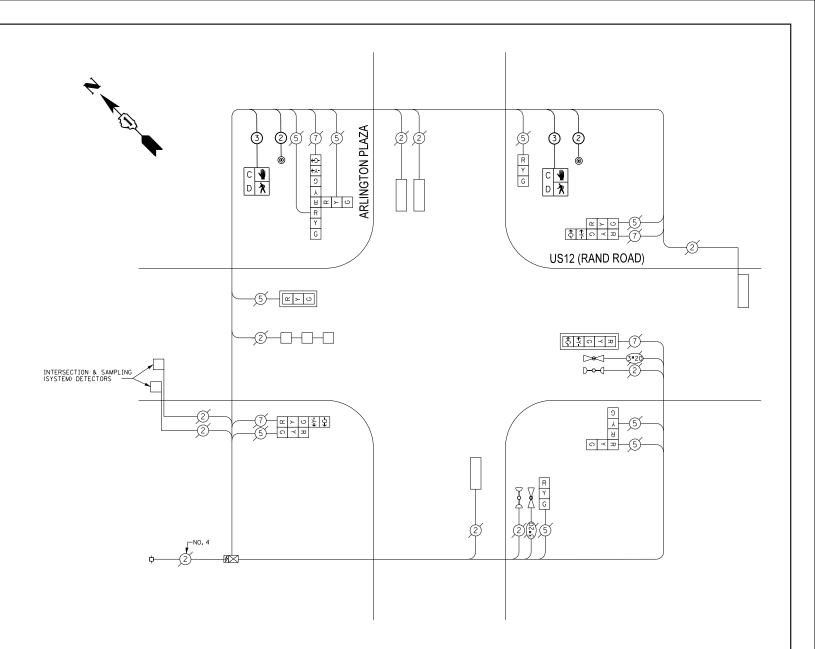
VILLAGE OF ARLINGTON HEIGHTS 33 SOUTH ARLINGTON HEIGHTS ROAD ARLINGTON HEIGHTS, ILLINOIS 60005

ENERGY SUPPLY: CONTACT: DAVE SCHACHT PHONE: 630-437-2129 COMPANY: COMMONWEALTH EDISON

←______ USI2 (RAND ROAD)

- ← (*) PROTECTED PHASE
- ← (*)- PROTECTED/PERMITTED PHASE
- ◄-(*)- ► PEDESTRIAN PHASE



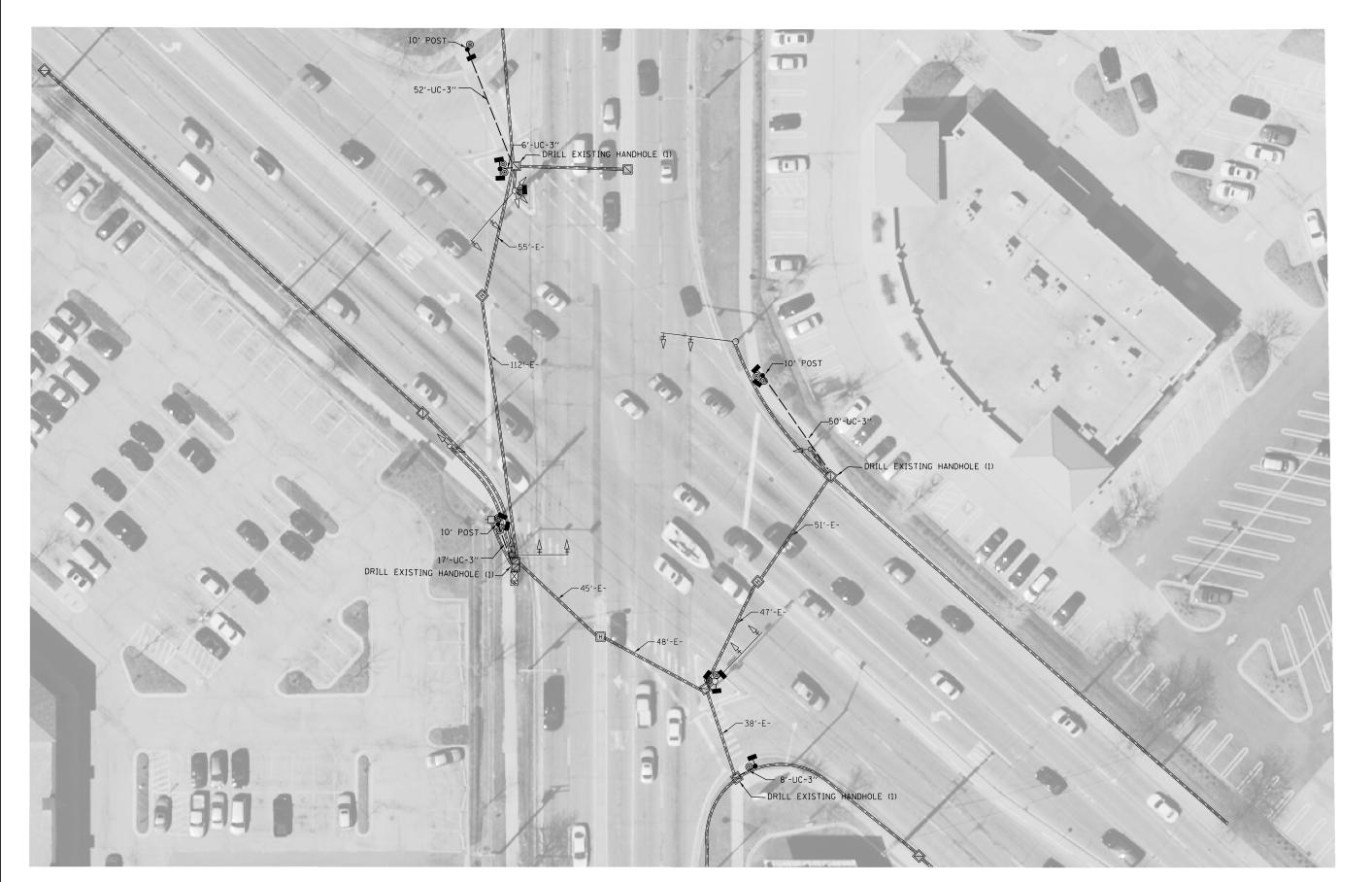


SCHEDULE OF QUANTITIES

	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C FOOT	395
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C FOOT	410
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER EACH	2
PEDESTRIAN PUSH-BUTTON EACH	2
MODIFY EXISTING CONTROLLER EACH	1
MODIFY EXISTING CONTROLLER CABINET EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1 EACH	1

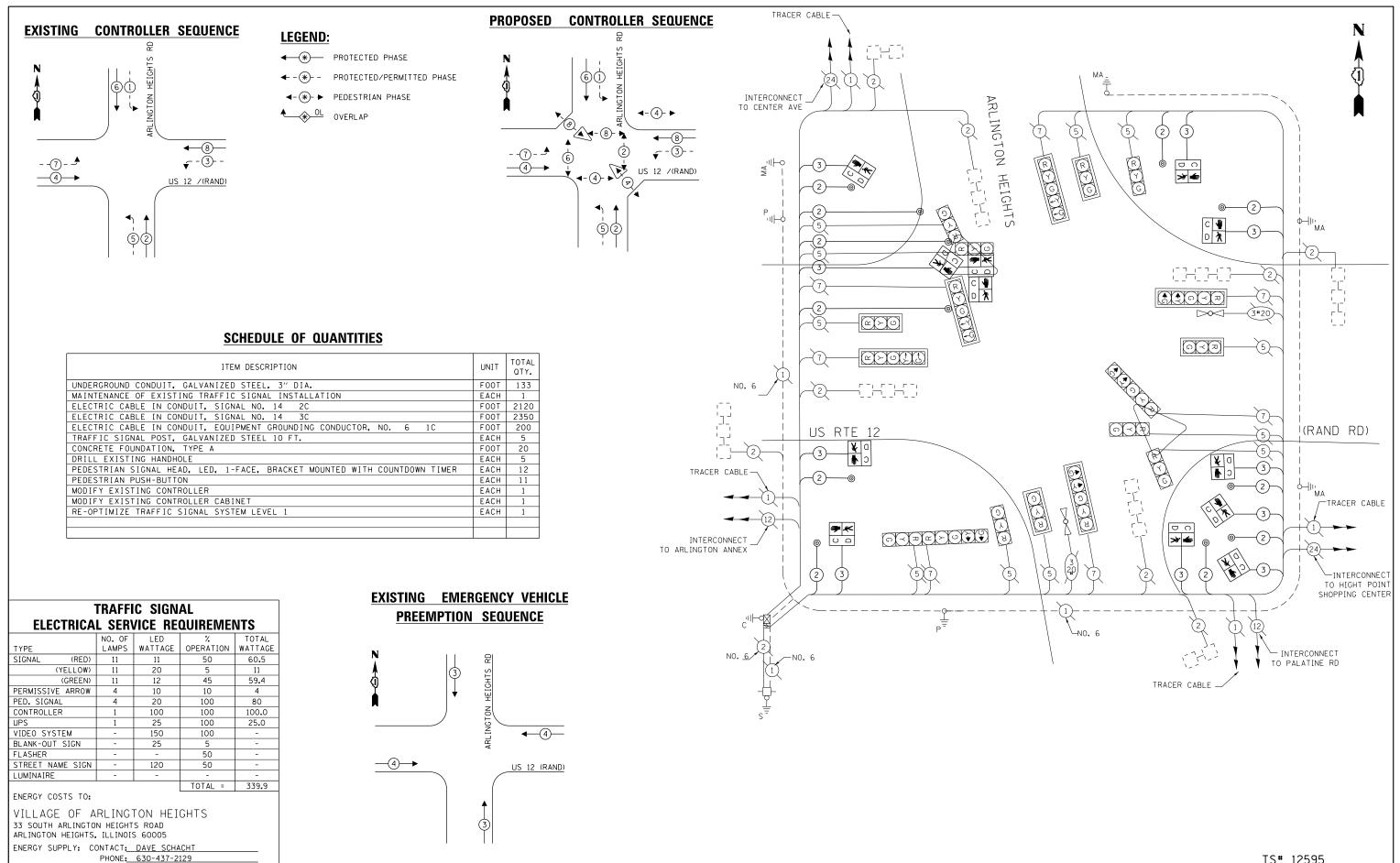
ACCOUNT NUMBER:														
FILE NAME =	USER NAME = pociechal	DESIGNED – JC	REVISED -		SCHEDU	le of Quan	ITITIES, CA	ABLE PLA	N, PHASE	DESIGNATION DIAGRAM	F.A. RTE.	SECTION	COUNTY TOTAL SHEETS	SHEET NO.
pw://IL084EBIDINTEG.1111no15.gov:PWIDOT/Do	cuments\IDOT Offices\District 1\Projects\D102	231 DRGAWD ata\T+affic) C 102317-sht-ts3.dgn	REVISED -	STATE OF ILLINOIS		AND EME	RGENCY	VEHICLE	PREEMPTIC	IN SEQUENCE		2016-056TS	VARIOUS 55	27
	PLOT SCALE = 40.0000 '/ in.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION		US	12 (RAND	RD) AT	ARLINGTON	I PLAZA			CONTRACT NO. 6	52D44
Default	PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS	S STA.	TO STA.		ILLINOIS FED.		

TS**#** 12640 ARLINGTON HEIGHTS



FILE NAME =	USER NAME = poclechal	DESIGNED – JC	REVISED -			TRA	FFIC SIG	NAL MODERN	NIZATION	F.A. RTF.	SECTION	COUNTY	TOTAL SHEETS	SHEET
pw:\\IL084EBIDINTEG.1llinois.gov:PWIDOT\Do	•	31 D7R0AWIN ata\T+affic)C102317-sht-ts3.dgn	REVISED -	STATE OF ILLINOIS					N HEIGHTS RD		2016-056TS	VARIOUS	55	28
	PLOT SCALE = 40.0000 '/ in.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION		03 12 (NAI						CONTRAC	T NO. F	ô2D44
Default	PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS STA	A. TO STA.		ILLINOIS FED.	AID PROJECT		

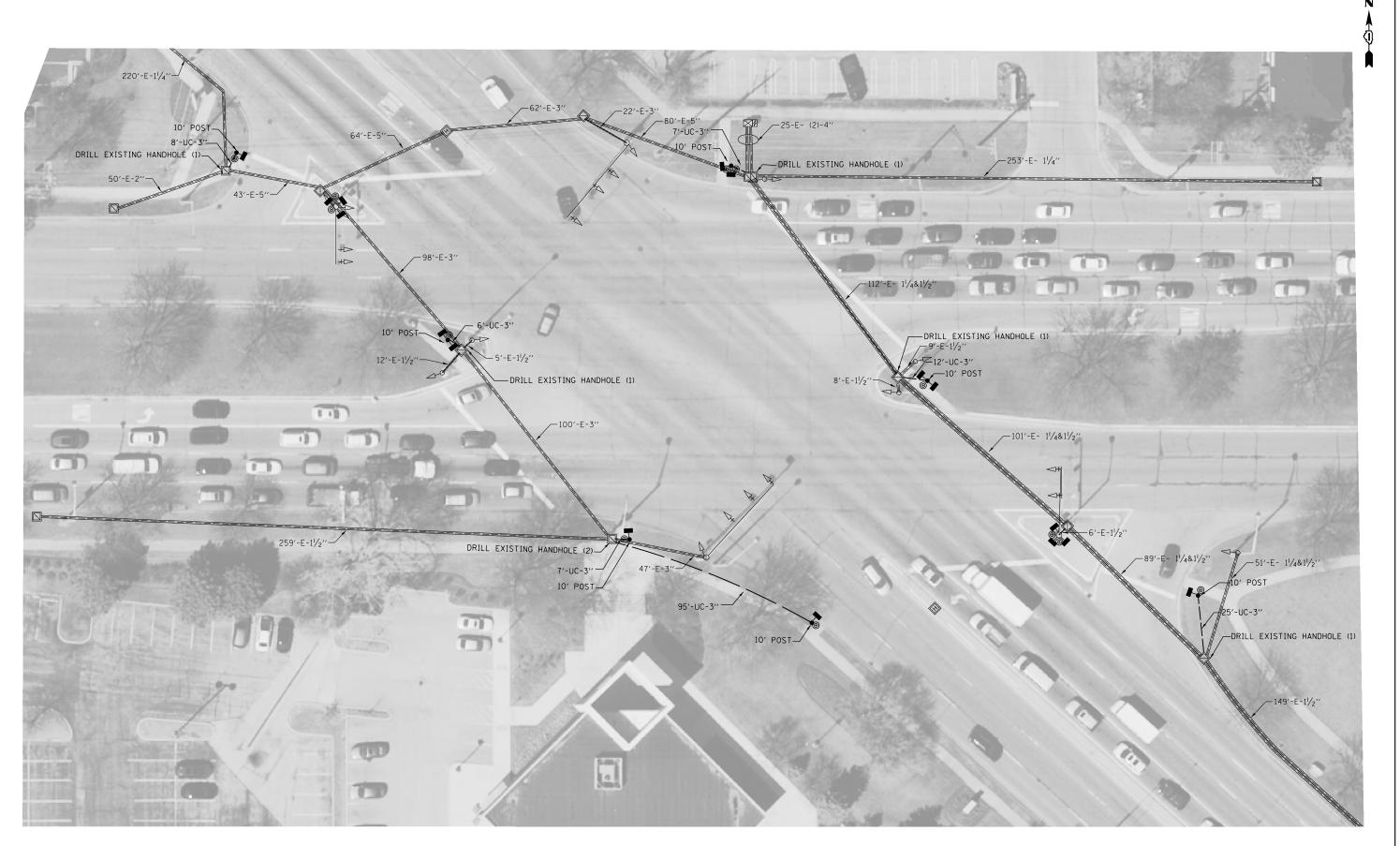
TS# 12595 ARLINGTON HEIGHTS



ACCOUNT NUMBER											ANL.		
FILE NAME =	USER NAME = poclechal	DESIGNED – JC	REVISED -		SCHE	DULE OF QUAN	VTITIES, C/	ABLE PLAN, PHASE D	DESIGNATION DIAGRAM	F.A. RTF.	SECTION	COUNTY	TOTAL SHEET
pw:\\ILØ84EBIDINTEG.1111no1s.gov:PWIDOT\Do	cuments\IDOT_Offices\District_1\Projects\D102	31 0R04W0 ata\T+aff1q)0(102317-sht-ts3.dgn	REVISED -	STATE OF ILLINOIS		AND EMI	ERGENCY	VEHICLE PREEMPTIO	N SEQUENCE		2016-056TS	VARIOUS	55 29
	PLOT SCALE = 40.0000 ' / in.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION		US 12	(RAND R	D) AT ARLINGTON H	EIGHTS RD			CONTRACT	NO. 62D44
Default	PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED.	AID PROJECT	

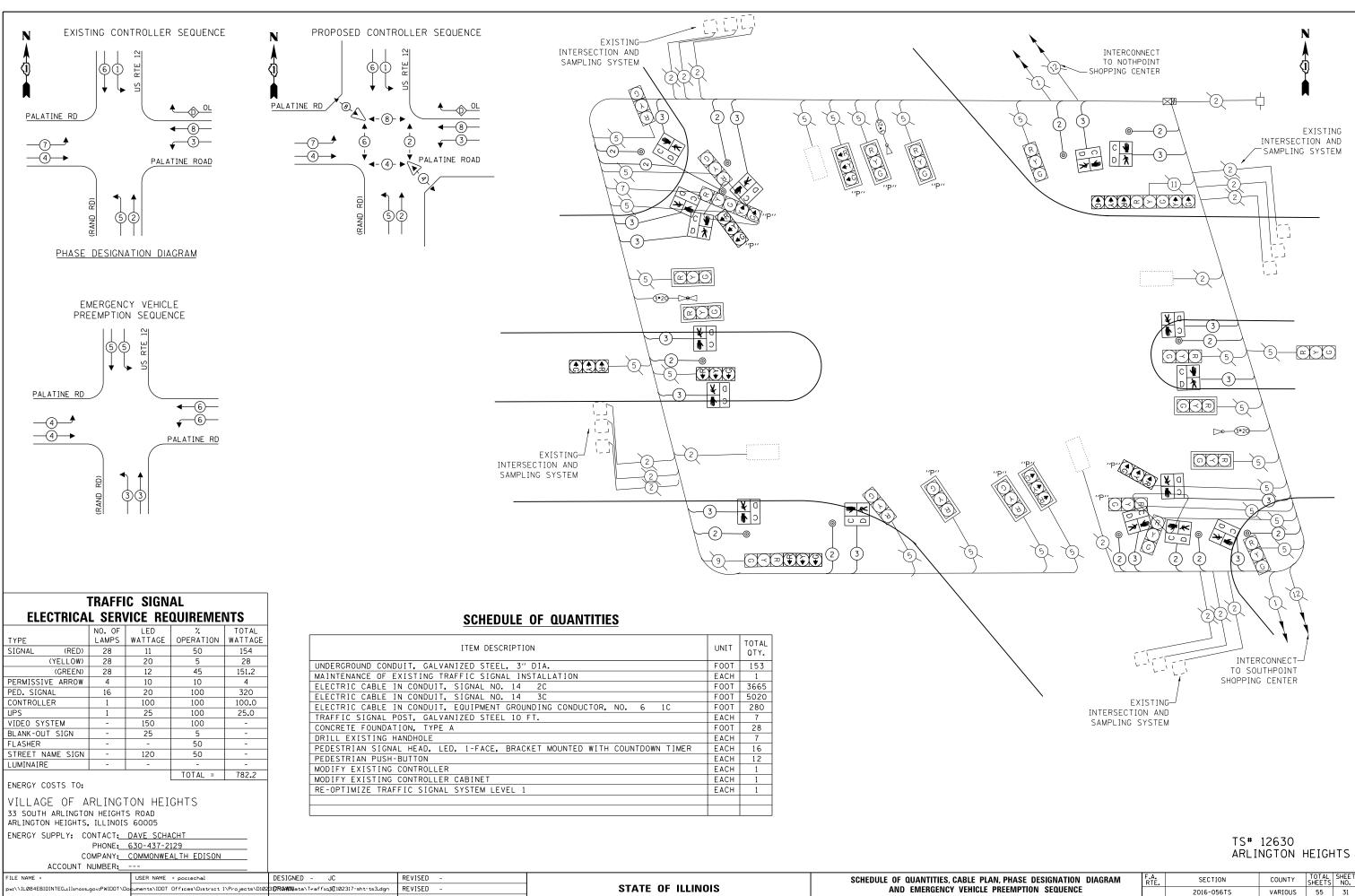
COMPANY: COMMONWEALTH EDISON

TS# 12595 ARLINGTON HEIGHTS



FILE NAME =	USER NAME = pociechal	DESIGNED -	JC	REVISED -			TRΔ	FFIC SIG	NAL MODERNIZATI	ON	F.A.	SECTION	COUNTY	TOTAL SHEET
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	PLOT SCALE = 40.0000 ' / 10.	CHECKED -	LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION		03 14		NU AI FALATINE				CONTRACT	T NO. 62D44
Default	PLOT DATE = 3/23/2017	DATE -	03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. A	ID PROJECT	

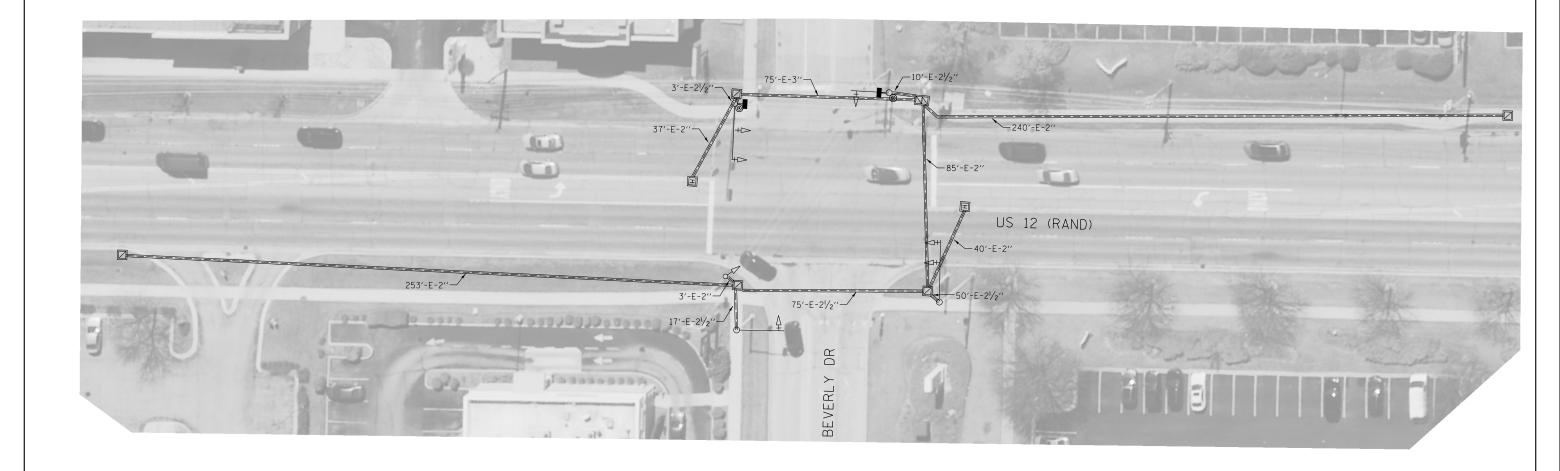
TS# 12630 ARLINGTON HEIGHTS



ENERGY	COSTS	T0:	

ITEM DESCRIPTION	UNIT	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	153
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3665
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	5020
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	280
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	7
CONCRETE FOUNDATION, TYPE A	FOOT	28
DRILL EXISTING HANDHOLE	EACH	7
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	16
PEDESTRIAN PUSH-BUTTON	EACH	12
MODIFY EXISTING CONTROLLER	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

FILE NAME =	USER NAME = pociechal	DESIGNED -	JC	REVISED -		SCH	SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM					SECTION	COUNTY	TOTAL SHEET
pw:\\IL084EBIDINTEG.1111no1s.gov:PWIDOT\Do	cuments/IDOT_Offices/District_1/Projects/D102	31 07R0AWD ata\Teaf			STATE OF ILLINOIS				VEHICLE PREEMPTION			2016-056TS	VARIOUS	55 31
	PLOT SCALE = 40.0000 '/ in.	CHECKED -	LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION		I	US 12 (RA	ND RD) AT PALATINE	RD			CONTRACT	NO. 62D44
Default	PLOT DATE = 3/23/2017	DATE -	03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED.	AID PROJECT	



FILE NAME =	USER NAME = pociechal	DESIGNED – JC	REVISED -			TRA	FFIC SIG		DERNIZATION		F.A.	SECTION	COUNTY	TOTAL	SHEET
pw:\\IL084EBIDINTEG.1llinois.gov:PWIDOT\Do	cuments/IDOT_Offices/District_1/Projects/D102	31 07RGAWIN ata\T+affic)(0102317-sht-ts3.dgn	REVISED -	STATE OF ILLINOIS	US 12 (RAND RD) AT BEVERLY LN			2016-056TS	VARIOUS	55	32				
	PLOT SCALE = 40.0000 '/ in.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION						CONTRAC	T NO. 6	52D44			
Default	PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				ILLINOIS FED.	S FED. AID PROJECT					



TS# 421 ARLINGTON HEIGHTS

EXISTING CONTROLLER SEQUENCE

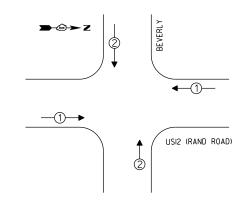
BEVERLY >>>> z (8) €-6-______ **√**⁰ _2→ USI2 (RAND ROAD) (8)

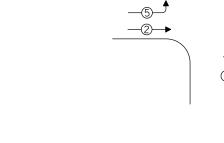
BEVERLY **>**-≙≻ z 8 **∢**-<u>6</u>-► **←**⑥─ _5_____ __2→ **√**⁽¹⁾ USI2 (RAND ROAD) 8

PROPOSED CONTROLLER SEQUENCE

PHASE DESIGNATION DIAGRAM

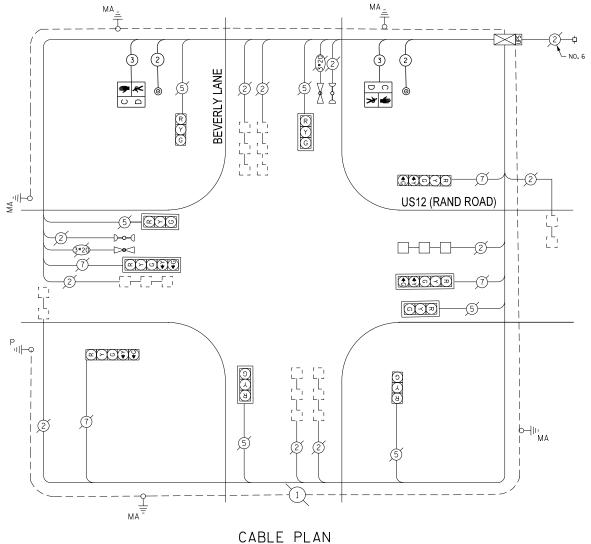
EMERGENCY VEHICLE PREEMPTION SEQUENCE





LEGEND:

- ← (*) PROTECTED PHASE
- ← (*)- PROTECTED/PERMITTED PHASE
- ◄-(*)- ► PEDESTRIAN PHASE
- OVERLAP

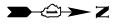


SCHEDULE OF QUANTITIES

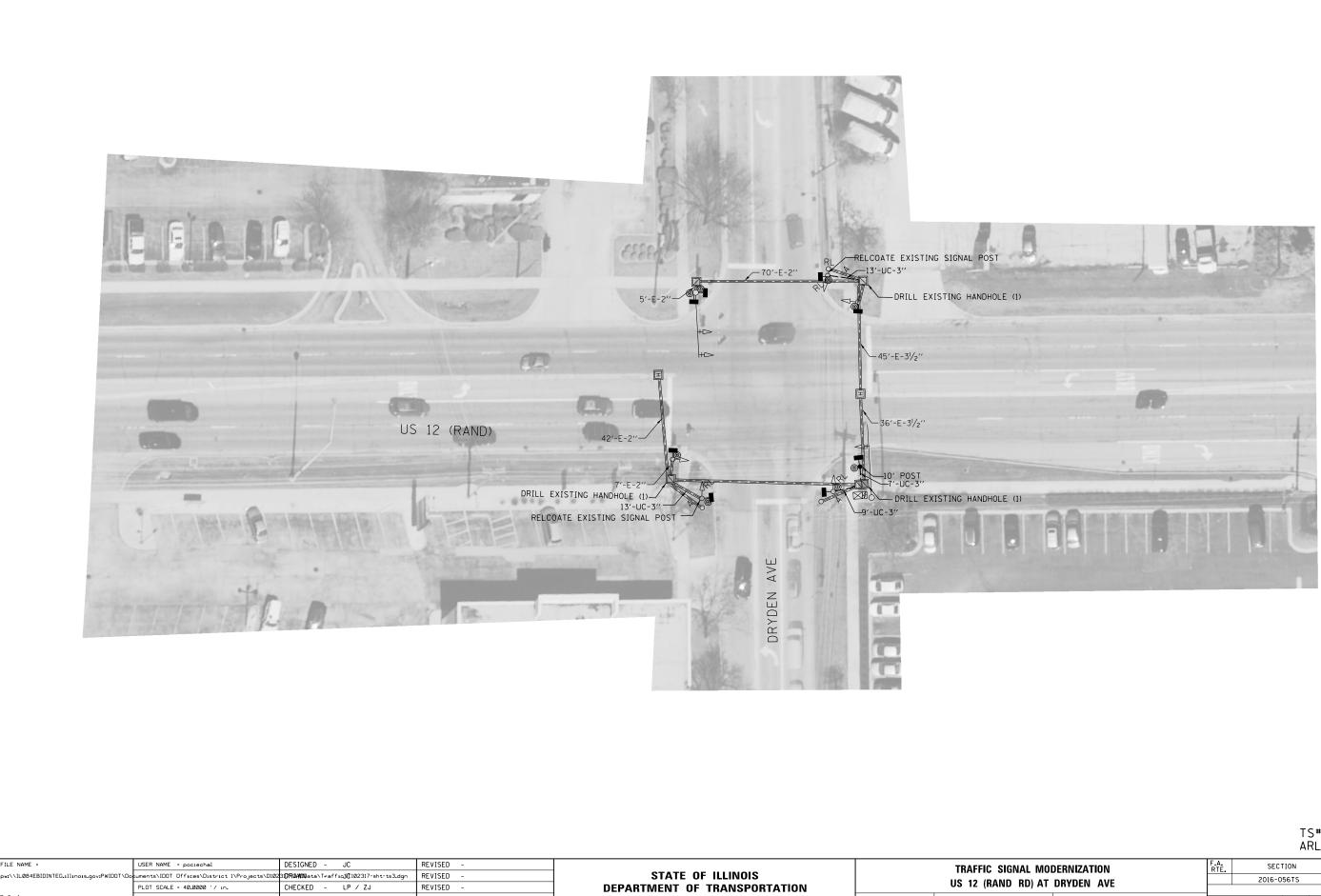
ITEM DESCRIPTION	UNIT	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	165
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	180
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
PEDESTRIAN PUSH-BUTTON	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

	ACCOUNT NUMBER.															
FILE NA	AME =	USER NAME = pociechal	DESIGNED -	JC	REVISED -		SCHEDUL	E OF QUAN	VTITIES, CA	BLE PLAN	, PHASE DESIG	NATION DIAGRAM	F.A.	SECTION	COUNTY	TOTAL SHEET
pw:\\IL@	084EBIDINTEG.1111no15.gov:PWIDOT\Do	cuments\IDOT_Offices\District_I\Projects\D	0231 07R04401 0ata\T+a	ffເວ)(ີ 102317-sht-ts3 . dgn	REVISED -	STATE OF ILLINOIS		AND EM	ERGENCY \	/EHICLE PI	REEMPTION SE	QUENCE		2016-056TS	VARIOUS	55 33
		PLOT SCALE = 40.0000 ' / in.	CHECKED -	LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION			US 12 (RA	ND RD) A	F BEVERLY LN				CONTRACT	T NO. 62D44
Default	:	PLOT DATE = 3/23/2017	DATE -	03/24/2017	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AI						

	TRAFF	C SIGN	AL	
ELECTRIC/	AL SERV	VICE RE	QUIREME	NTS
TYPE	NO. OF LAMPS	LED WATTAGE	2 OPERATION	TOTAL WATTAGE
SIGNAL (RED)	11	11	50	60.5
(YELLOW)	11	20	5	11
(GREEN)	11	12	45	59.4
PERMISSIVE ARROW	4	10	10	4
PED. SIGNAL	4	20	100	80
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
ENERGY COSTS TO:			TOTAL =	339.9
VILLAGE OF 33 SOUTH ARLINGT ARLINGTON HEIGHTS	ON HEIGHT	S ROAD	GHTS	
ENERGY SUPPLY: (CONTACT:	DAVE SCHA	СНТ	
	PHONE:	630-437-2	129	
(OMPANY:	COMMONWE	ALTH EDISON	
	NUMBER:			
FILE NAME =		USER NAME	= pociechal	
pw:\\IL084EBIDINTEG.1111noi	s.gov:PWIDOT\(Documents\IDOT	Offices\District :	NProjects\D10



TS# 421 ARLINGTON HEIGHTS



SCALE:

SHEET

FILE NAME =

Default

PLOT SCALE = 40.0000 '/ in.

PLOT DATE = 3/23/2017

CHECKED – LP / ZJ

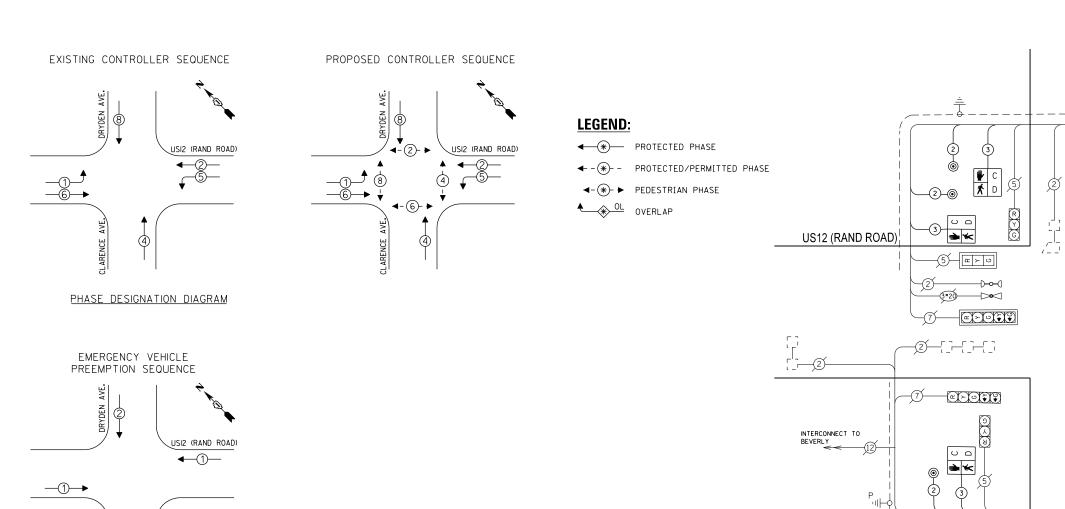
DATE - 03/24/2017

REVISED ·

REVISED -

TS# 415 ARLINGTON HEIGHTS

TR	TRAFFIC SIGNAL MODERNIZATION				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
211	US 12 (RAND RD) AT DRYDEN			AVF.		2016-056TS	VARIOUS	55	34		
03							CONTRACT	NO. 6	2D44		
SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT						



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	29
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1030
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1085
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	75
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
DRILL EXISTING HANDHOLE	EACH	3
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
PEDESTRIAN PUSH-BUTTON	EACH	8
RELOCATE EXISTING SIGNAL HEAD	EACH	3
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	3
MODIFY EXISTING CONTROLLER	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	120
REMOVE EXISTING CONCRETE FOUNDATION	EACH	3
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

		530-437-2129 COMMONWEALTH EDISON									
Ī	FILE NAME =	USER NAME = pociechal	DESIGNED -	JC	REVISED	-		SC	HEDULE OF QUA	NTITIES. C/	ABLE PLAN.
	pw:\\IL084EBIDINTEG.1111no1s.gov:PWIDOT\Do	cuments\IDOT_Offices\District_l\Projects\D102	31 07R0A410N ata∖⊺≁af	f1a)([102317-sht-ts3.dgn	REVISED	=	STATE OF ILLINOIS				VEHICLE PRI
		PLOT SCALE = 40.0000 '/ in.	CHECKED -	LP / ZJ	REVISED	=	DEPARTMENT OF TRANSPORTATION		I	US 12 (RAI	ND RD) AT
	Default	PLOT DATE = 3/23/2017	DATE -	03/24/2017	REVISED	-		SCALE:	SHEET	OF	SHEETS

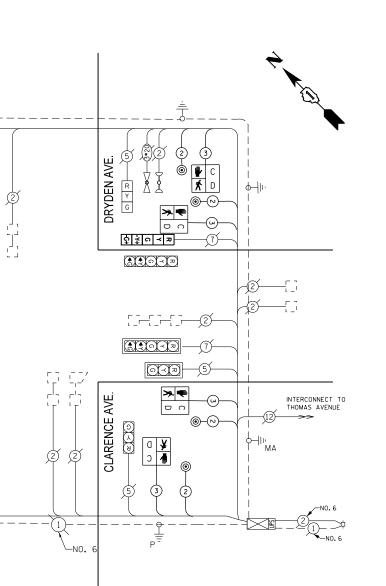
TRAFFIC SIGNAL											
			NTS								
NO. OF	LED	7	TOTAL								
LAMPS	WATTAGE	OPERATION	WATTAGE								
11	11	50	60.5								
11	20	5	11								
11	12	45	59.4								
4	10	10	4								
4	20	100	80								
1	100	100	100.0								
1	25	100	25.0								
-	150	100	-								
-	25	5	-								
-	-	50	-								
-	120	50	-								
-	-	-	-								
		TOTAL =	339.9								
VILLAGE OF ARLINGTON HEIGHTS 33 SOUTH ARLINGTON HEIGHTS ROAD ARLINGTON HEIGHTS, ILLINOIS 60005											
ENERGY SUPPLY: CONTACT: DAVE SCHACHT											
PHONE:	630-437-2	129									
MPANY	COMMONWE	ALTH EDISON									
	L SERV NO. OF LAMPS 11 11 11 4 4 1 1 1 1 1 1 1 - - - - - -	L SERVICE RE NO. OF LED LAMPS WATTAGE 11 11 11 20 11 12 4 10 4 20 1 100 1 25 - 150 - 25 150 - 25 - 150 - 25 120 	L SERVICE REQUIREMENT NO. OF LED % LAMPS WATTAGE OPERATION 11 11 50 11 20 5 11 12 45 4 10 10 4 20 100 1 100 100 1 25 100 - 150 100 - 25 5 50 - 120 50 TOTAL = RLINGTON HEIGHTS N HEIGHTS ROAD ILLINOIS 60005 NTACT: DAVE SCHACHT PHONE: 630-437-2129 DMPANY: COMMONWEALTH EDISON								

CLARENCE AVE

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-Q

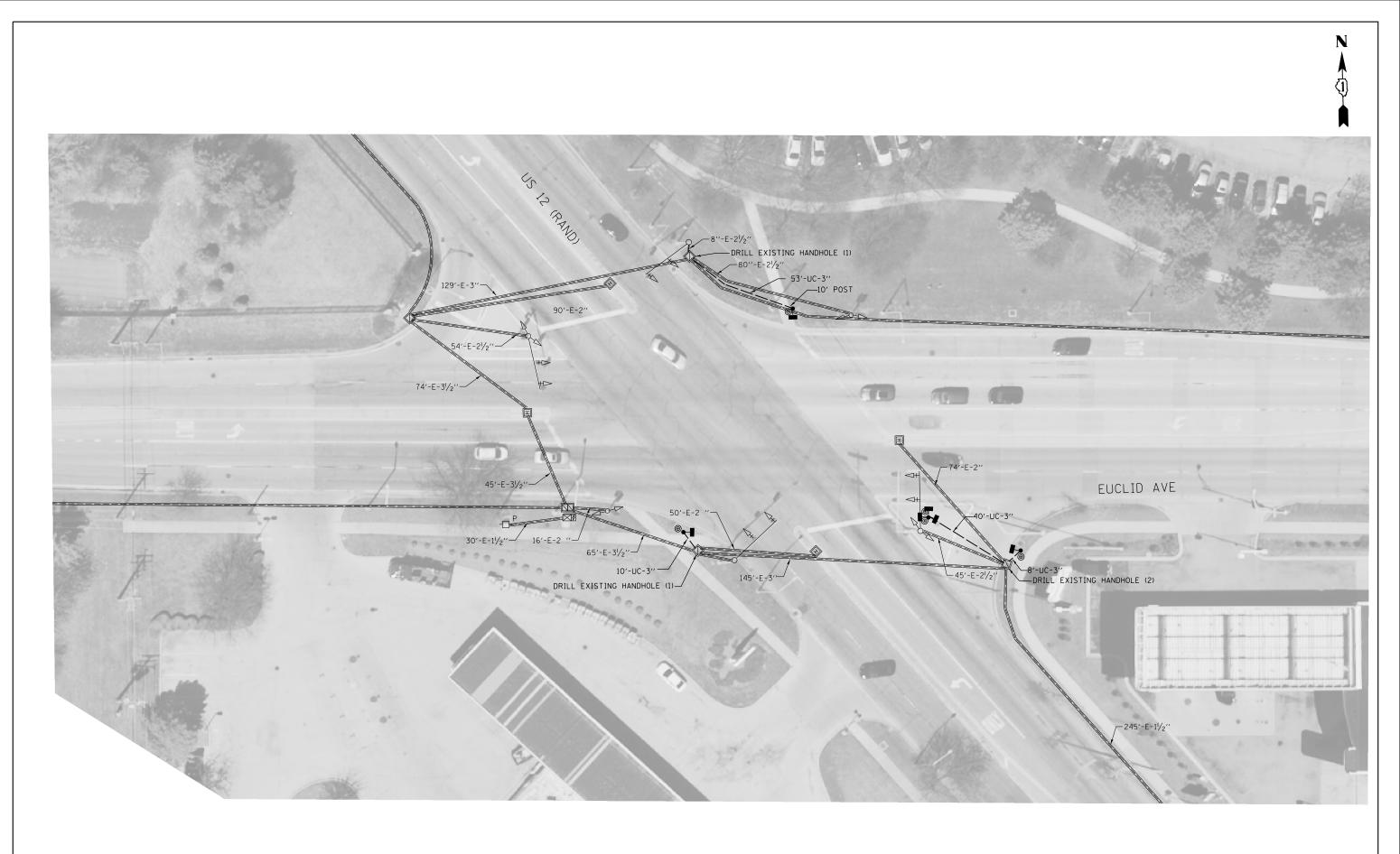
P P



CABLE PLAN

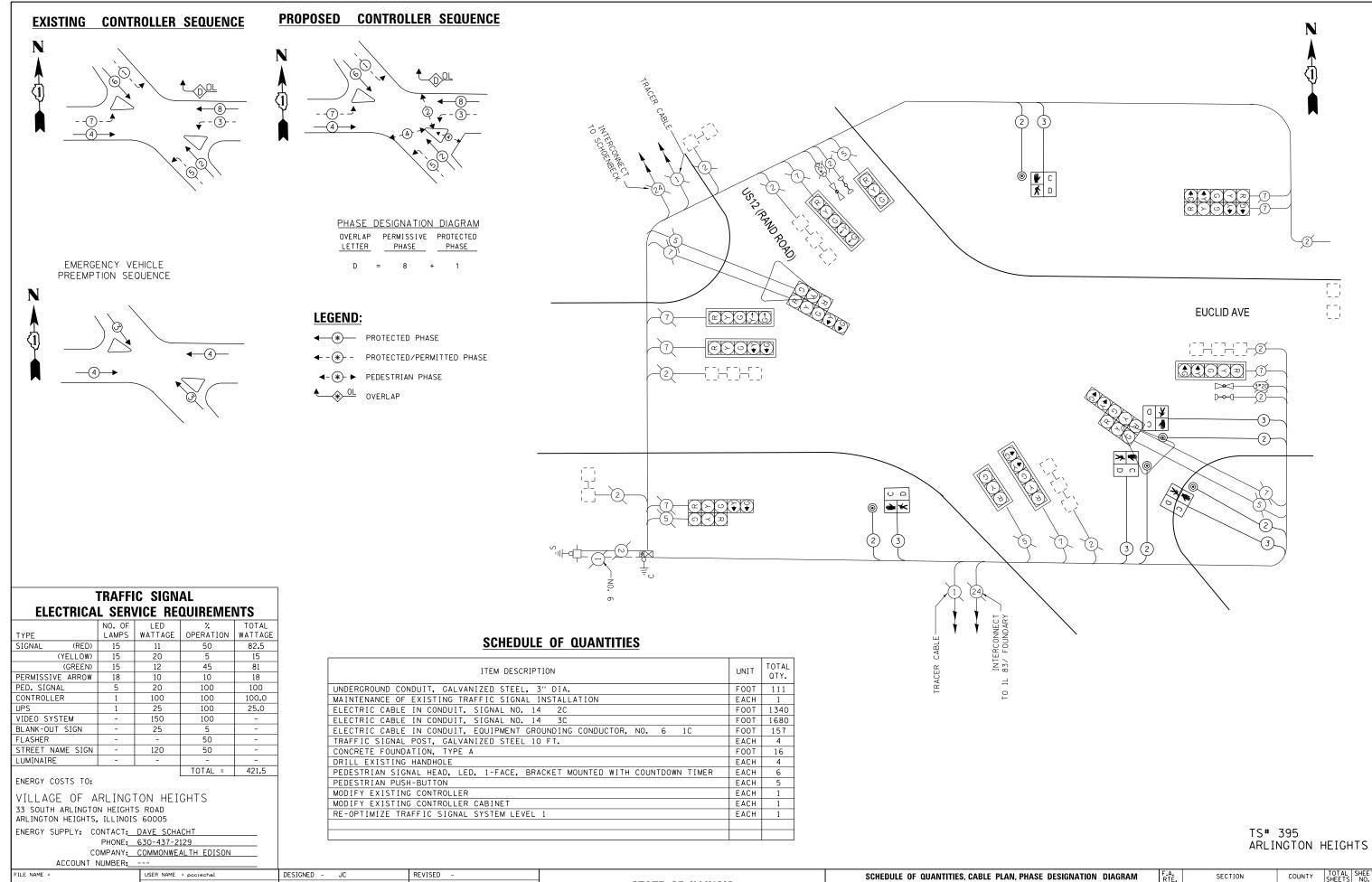
TS# 415 ARLINGTON HEIGHTS

PREEMPTION SEQUENCE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
			2016-056TS	VARIOUS	55	35					
AT	DRYDEN	AVE	CONTRACT NO. 62D44								
rs	STA.	TO STA.	ILLINOIS FED. AID PROJECT								

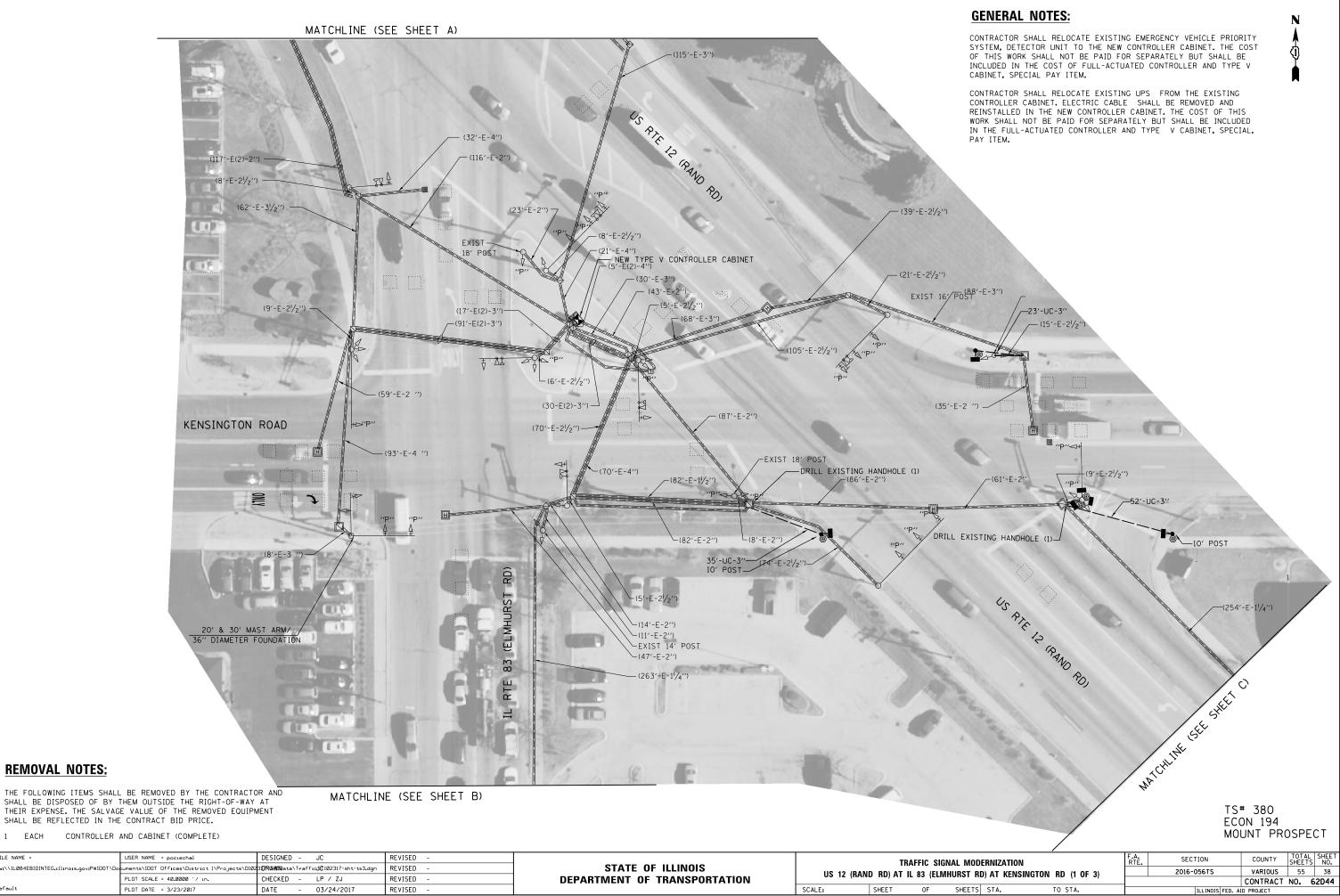


	ILE NAME =	USER NAME = pociechal	DESIGNED - JC	REVISED -			TRAFFIC SIGNAL MODERNIZATION	F.A.	SECTION	COUNTY	TOTAL S	EET
	w:\\IL084EBIDINTEG.1llinois.gov:PWIDOT\Do	uments\IDOT Offices\District 1\Projects\D102	31 07R04W1N ata∖T≁affıc)0 102317-sht-ts3 . dgn	REVISED -	STATE OF ILLINOIS				2016-056TS	VARIOUS	55	36
		PLOT SCALE = 40.0000 ' / in.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION	US 12 (RAND RD) AT EUCLID AVE				CONTRACT	NO. 62	44
Ŀ	efault	PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. A	ID PROJECT		<u> </u>

TS# 395 ARLINGTON HEIGHTS



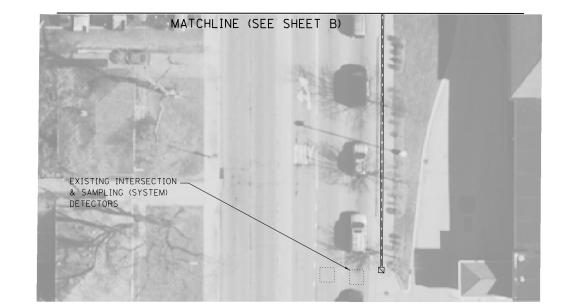
FI	LE NAME =	USER NAME = poclechal	DESIGNED -	JC	REVISED -		SCHEDU	JLE OF QUAI	NTITIES, CA	ABLE PLAN, PHASE DE	SIGNATION DIAGRAM	F.A.	SECTION	COUNTY TOT	TAL SHEET
рw	«NILØ84EBIDINTEG.1111no15.gov:PWIDOT\Do	cuments\IDOT_Offices\District_l\Projects\D10	31 DR0AWDN ata∖T⊬aff	م)(102317-sht-ts3.dgn	REVISED -	STATE OF ILLINOIS		AND EM	ERGENCY	VEHICLE PREEMPTION	SEQUENCE		2016-056TS	VARIOUS 5	55 37
		PLOT SCALE = 40.0000 ' / in.	CHECKED -	LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION			US 12 (RA	AND RD) AT EUCLID A	VE			CONTRACT NO	0. 62D44
De	əfault	PLOT DATE = 3/23/2017	DATE –	03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. A		



THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1 EACH

FILE NAME =	USER NAME = pociechal	DESIGNED – JC	REVISED -			TDA		NAL MODE
pw://IL084EBIDINTEG.1111no15.gov:PWIDOT/Do	cuments\IDOT_Offices\District_l\Projects\D102	31 07R04WN ata\Traff1c)(1 02317-sht-ts3.dgn	REVISED -	STATE OF ILLINOIS	UC 10 (DAN			
	PLOT SCALE = 40.0000 '/ in.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION	US 12 (RANI	U KU) AT IL	83 (ELIVII	HURST RD
Default	PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS

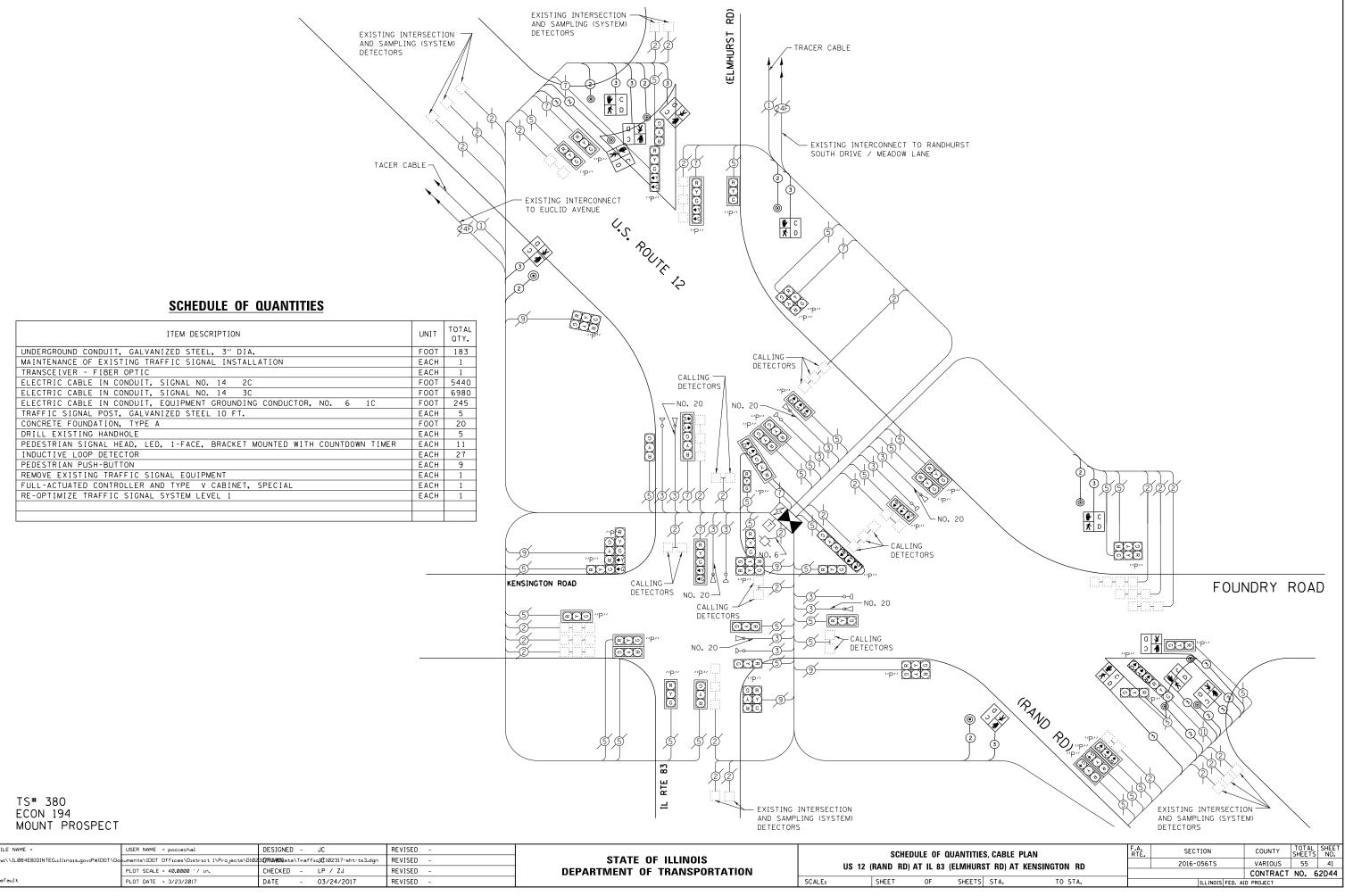


FILE NAME =	USER NAME = pociechal	DESIGNED – J	С	REVISED -			TR			ERNIZATION		F.A. RTF.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
pw:\\IL084EBIDINTEG.1llinois.gov:PWIDOT\Do	cuments/IDOT_Offices/District_1/Projects/D102		(102317-sht-ts3.dgn		STATE OF ILLINOIS	US 12 (BAN					NGTON RD (2 OF 3)		2016-056TS	VARIOUS	55 39
	PLOT SCALE = 40.0000 '/ in.	CHECKED - L	P / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION			- 05 (CONTRAC	T NO. 62D44
Default	PLOT DATE = 3/23/2017	DATE - O	3/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT	





	A SUS			
EXISTING INTERCONNEC TO RANDHURST SOUTH DRIVE/MEADOW LANE				
-(32'-E-2")				
S				
■ (60'-E-1 ¹ /4'')				
(17'-E-2 ¹ / ₂ '') -28'-UC-3''				
"P PO	IST 18' ST '-E-2'')	2	-ECC	* 380)N 194 JNT PROSPECT
ODERNIZATION RD) AT KENSINGTON RD (3 OF 3)	F.A. RTE.	SECTION 2016-056TS		COUNTY TOTAL SHEET SHEETS NO. VARIOUS 55 40
TS STA. TO STA.			5 FED. AI	CONTRACT NO. 62D44



FILE NAME =	USER NAME = pociechal	DESIGNED – JC	REVISED -		Í	SCHED		DUANTITIES	,
pw:\\IL084EBIDINTEG.1l1no1s.gov:PWIDOT\Do	cuments\IDOT_Offices\District_I\Projects\D102	31 07R04WN ata\Traff1c)(102317-sht-ts3.dgn	REVISED -	STATE OF ILLINOIS	10.40				
	PLOT SCALE = 40.0000 ' / in.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION	05 12 1	(RAND RD)	AT IL 83	(ELIMHURS	'
Default	PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS	

SEQUENCE OF OPERATIONS

MOVEMENT				_ ``																																					
PHASE			1					1		· · · ·						2																	5								
INTERVAL	1	24	2B	2C	2D	3 4	54	5B	5C	5D	6A	6B	6C	6D	7 A	7B 7	70 71	D 84	4 8	3 8C	8D	9A	9B	90	9D 10	D 11A	11B	11C	11D 13	2A 12	в 12С	12D	13A	1 3B	1 3C	1 3D	14A 1	4B 15	A 15B	3 15C	15D
CHANGE TO			2	2					5		3+	+7	3+8		4+	•7	4+8			6			1					1		3+7	3+	8					4+7 4-	+8		6	
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT SIGNALS N/B	R	R	R	R	R	RF	R R	R	R	R	R	R	R	R	R	R	RR	R	F	R	R	R	R	R	R R	R	R	R	R F	R R	R	R	R	R	R	R	R F	R R	R	R	R
IL RTE 83 (ELMHURST RD) KENSINGTON /FOUNDRY RD MAST ARM AND FAR LEFT SIGNALS N/B	R	R	R	R	R	RF	R R	R	R	R	R	R	R	R	R	R	R R	R R	F	R	R	R	R	R	R R	R	R	R	R F	R R	R	R	R	R	R	R	RF	R R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS N/B	R	R	R	R	R	RF	R R	R	R	R	R	R	R	R	R	R	R R	R R	F	R	R	R	R	R	R R	R	R	R	RF	R R	R	R	R	R	R	R	R !	R R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM FAR LEFT SIGNALS N/B	R	R	R	R	R	RF	R R	R	R	R	R	R	R	R	R	R	RR	R R	F	R	R	R	R	R	R R	R	R	R	R F	R R	R	R	R	R	R	R	R F	R R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS S/B	R	R	R	R	R	R F	R R	R	R	R	R	R	R	R	R	R	R R	R R	F	R	R	R	R	R	R R	R	R	R	R F	R R	R	R	R	R	R	R	R F	R R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM AND FAR LEFT SIGNALS S/B	R	R	R	R	R	R F	R R	R	R	R	R	R	R	R	R	R	R R	R R	F	R	R	R	R	R	R R	R	R	R	R F	R R	R	R	R	R	R	R	R F	R R	R	R	R
IL RTE 83 (ELMHURST RD) AT KENSINGTON / FOUNDRY RD ALL SIGNALS S/B	R	G	G	Y	R	G (; _G	G	G	G	G	G	Y	R	G	G	G G	G G	0	Y	R	G	G	Y	R G	G	G	Y	R (; G	G	G	G	G	Y	R	G (G G	G	Y	R
KENSINGTON / FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS E/B	R	R	R	R	R	R F	R R	R	R	R	R	R	R	R	R	R	R R	R R	F	R	R	R	R	R	R R	R	R	R	RF	R R	R	R	R	R	R	R	R F	R R	R	R	R
KENSINGTON / FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS E/B	R	R	R	R	R	R F	R R	R	R	R	R	R	R	R	R	R	R R	R R	F	R	R	R	R	R	R R	R	R	R	R F	R R	R	R	R	R	R	R	R F	R R	R	R	R
KENSINGTON / FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS W/B	R	R	R	R	R	R F	R R	R	R	R	R	R	R	R	R	R	R R	R R	F	R	R	R	R	R	R R	R	R	R	R F	R R	R	R	R	R	R	R	R F	R R	R	R	R
KENSINGTON / FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS W/B	G	G	G	Y	R	R F	R R	R	R	R	R	R	R	R	R	R	R R	R R	F	R	R	R	R	R	R R	R	R	R	R F	R R	R	R	R	R	R	R	R '	R R	R	R	R
US RTE 12 (RAND RD) AT KENSINGTON/FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS NW/B	G	G	G	G	G	G (; _Y	R	R	R	Y	R	R	R	Y	R	R R	γ γ	F	R	R	Y	R	R	R R	R	R	R	R F	R R	R	R	R	R	R	R	R F	R R	R	R	R
US RTE 12 (RAND RD) AT KENSINGTON/FOUNDRY RD LEFT TURN SIGNALS NW/B	⊸G	→ Y	R	R	R -	🗕 R 🚄	-RR	R	R	R	R	R	R	R	R	R	R R	R R	F	R	R	R	R	R	R 🔫	R R	R	R	R F	R R	R	R	R	R	R	R	R F	R R	R	R	R
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) ALL SIGNALS NW/B	G	G	G	G	G	G	; _C	G	Y	R	G	G	Y	R	G	G	Y R	≀ G	G	G	G	G	G	G	G R	R	R	R	R F	R R	R	R	R	R	R	R	R F	R R	R	R	R
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS SE/B	R	R	R	R	R	G (; _G	G	G	G	Y	R	R	R	Y	R	R R	γ	F	R	R	Y	R	R	R G	Y	R	R	R (; G	G	G	Y	R	R	R	Y F	R Y	R	R	R
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) LEFT TURN SIGNALS SE/B	- - R	R	R	R	R -	<- R →	-R R	R	R	R	R	R	R	R	R	R	R R	R R	R	R	R	R	R	R	R 🔫	G 🔫 Y	R	R	R 🔫	-Y R	R	R	→ Y	R	R	R -	✓Y F	R 🖛	Y R	R	R
US RTE 12 (RAND RD) AT KENSINGTON /FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS SE/B	R	R	R	R	R	G	; _G	G	G	G	G	G	G	G	G	G	G G	; G	G	Y	R	G	G	Y	R G	G	G	Y	R (; G	G	G	G	G	G	G	G C	G G	G	Y	R
US RTE 12 (RAND RD) AT KENSINGTON /FOUNDRY RD LEFT TURN SIGNALS SE/B	→ R	R	R	R	R -	← R →	-R R	R	R	R	R	R	R	R	R	R	R R	R R	R	R	R	R	R	R	R 🔫	G 🔫 (5 - G	→ Y	R 🔫	- G 🔫	G 🔫 Y	' R	- G -	- G	- G	- G	- G	- G 🔫	G 🖛 G	G 🔫 Y	R
PEDESTRIAN CROSSING US RTE 12 (RAND RD) TO NORTH CORNER ISLAND	DW	DW	DW	DW	DW		V DW	DW	DW	DW	DW	DW	DW	DW	DW	DW D	W DW	v Dw	DW	DW	DW	DW	DW	DW	DW DW	DW	DW	DW	DW D	N DW	DW	DW	DW	DW	DW	DW	DW C	DW DW	V DW	DW	DW
PEDESTRIAN CROSSING US 12 CORNER ISLAND TO NORTHEAST SIDE OF IL 83	DW	DW	DW	DW	DW	DW DV	v Dw	DW	DW	DW	DW	DW	DW	DW	DW	DW D	W DW	v Dw	DW	DW	DW	DW	DW	DW	DW DV	DW	DW	DW		W DW	DW	DW	DW	DW	DW	DW	DW [DW DW	DW	DW	DW
PEDESTRIAN CROSSING US RTE 12 (RAND RD) CORNER ISLAND TO SW CORNER OF IL 83	DW	DW	DW	DW	DW	DW DV	I DW	DW	DW	DW	DW	DW	DW	w	DW		w Dw	V DW	DW	DW	DW	DW	DW	DW	DW DW	DW	DW	DW		V DW	DW	DW	DW	DW	DW	DW	DW [אם אכ	DW	DW	DW
PEDESTRIAN CROSSING SE CORNER TO SOUTHEAST ISLAND	DW	DW	DW	DW	DW [W DW	DW	DW	DW	DW	DW	DW	DW (ow I	DW (N D1	W DV	V DV	V DW	DW	DW	DW	DW	DW D	w dw	DW	DW	DW D	V DW	DW	DW	DW	DW	DW	DW	DW	DW DW	J DW	DW	DW
PEDESTRIAN CROSSING KENSINGTON ISLAND TO NE CORNER OF US 12 (RAND RD)	DW	DW	DW	DW	DW	W FL	Ū DW	DW	DW	DW	DW	DW	DW	DW	DW	DW C	ים אי	W D		V DW	DW	DW	DW	DW	DW DV	DW	DW	DW		DW	DW	DW	DW	DW	DW	DW	DW 1	אם אכ	V DW	DW	DW
PEDESTRIAN CROSSING US 12 CORNER ISLAND TO SW KENSINGTON CORNER	DW	DW	DW	DW	DW C	W D	W DW	DW	DW	DW	DW	DW	DW	DW	DW	DW D	W DV	W DW		V DW	DW	DW	DW	DW	DW DV	DW	DW	DW	DW DW	DW	DW	DW	DW	DW	DW	DW	DW D	w dw	DW	DW	DW

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		PLOT SCALE = 40.0000 '/ in.	CHECKED -	LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION	03 12		AT IL 03		ISI NU) AI				CONTRACT	'NO. 6	52D44
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SEQUENCE OF OPERATIONS

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FIRE LANE NO. 1 PHASE 1 EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

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OPERATION INTERVAL NUMBER EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL	-					-									_			NO. 1	CLEAR TO	이 너	EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL	1 A	1B	10	1D 1	- - 1 F	10	1н	1 1 1	K 1L	1.14			10 1R			IORMAL
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FOUNDRY RD NEAR AND FAR RIGHT SIGNALS	R	R R	R	R	R R	Y	R	Y	R	RF	R R	R	Y	RF	२	R R	R	R	\diamond		FOUNDRY RD NEAR AND FAR RIGHT SIGNALS N/B	R	R	R	R R	2 R	R	Y	R Y	′ R	R	R	Y	R R	R	R	\swarrow
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD N/B MAST ARM AND FAR LEFT SIGNALS	R	RR	R	R	R R	Y	R	Y	R	R	R	R	Y	RF	२	R R	R	R	\diamond		IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD MAST ARM AND FAR LEFT SIGNALS N/B	R	R	R	RF	R	R	Y	R Y	′ R	R	R	Y	RR	R	R	\diamond
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS N/B	R	RR	R	R	R R	R	R	Y	R	R	R	R	Y	R	2	R R	R	R	\diamond		IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS N/B	R	R	R	RR	R	R	R	R Y	r R	R	R	Y	R R	R	R	\diamond
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) N/B MAST ARM FAR LEFT SIGNALS	R	RR	R	R	R R	R Y	r R	Y	R	RF	R R	R	Y	R	2	R R	R	R	\diamond		IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM FAR LEFT SIGNALS N/B	R	R	R	RF	R R	R	R ◀ Y	RΥ	′ R	R	R	Y	R R	R	R	\Diamond
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	R	RR	R	R	R R	R	R	R	R	YF	R R	R	Y	RF	2	R R	R	R	\Diamond		IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD)	R	R	R	R F	t R	R	R	R F	R R	Y	R	Y	R R	R	R	\bigcirc
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD)	R	RR	R	R	R R	R Y	(R	R	R	Y	2 R	R	Y	R	2	R R	R	R			(RAND RD)	R	R	R	R F	: R	R	R Y	R F	R R	Y	R	Y	R R	R	R	$\overset{\circ}{\bigcirc}$
MAST ARM AND FAR LEFT SIGNALS 578 IL RTE 83 (ELMHURST RD) AT KENSINGTON FOUNDRY RD 578	/	YR	G	G	YR	R		R	D	G	G Y	R	G	G	,	R R	R	P	\sim		MAST ARM AND FAR LEFT SIGNALS 5/B IL RTE 83 (ELMHURST RD) AT KENSINGTON / FOUNDRY RD	R	R	R	RG	; G	G	R	RF	R R	G	G	G	G R	R	G	\sim
ALL SIGNALS STORE			-	0										-					\sim	-	ALL SIGNALS S/B KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD)	R	R	R	RF	R	R	R	RF	R R	R	R	R	R Y		R	\sim
ALL SIGNALS	R	R R	R	к	R R	: к	R	к	к	R	R R			RI	*	R Y	R	к	\sim	-	ALL SIGNALS L/B KENSINGTON/FOUNDRY RD AT US RTE 12	D	R		RF		R	R	RF	2 R		R	R	R Y			\sim
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS KENSINGTON/FOUNDRY RD AT US RTE 12	R	R R	R	R	R R	R	R	R	R	RI	R R	R	R	RI	2	R Y	R	R	\sim	- i	(RAND RD) ALL SIGNALS KENSINGTON/FOUNDRY RD AT US RTE 12		R	N .											`		\sim
(RAND RD) W/B ALL SIGNALS KENSINGTON/FOUNDRY RD AT IL RTE 83	R	R R	R	R	R R	R	R	R	R	R	R R	R	R	R	2	R Y	R	R	\sim	_	(RAND RD) W/B ALL SIGNALS KENSINGTON/FOUNDRY RD AT IL RTE 83	R		к	RF		R	R	R F		R			R Y			\sim
(ELMHURST RD) W/B ALL SIGNALS US RTE 12 (RAND RD) AT KENSINGTON /	G	R R	R	R	R R	R	R	R	R	R	R R	R	R	R	2	R G	G	G	\diamond		(ELMHURST RD) W/B ALL SIGNALS	G	G	Y	RF	2 R	R	R	R F	R	R	R	R	R Y	R	R	\diamond
FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST NW/E	B G	G G	R	R	R R	R	R	R	R	R	R	R	R	R	2	R R	R	G	\diamond		US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST NW/B	Y	R	R	R Y	R	R	R	R F	R	R	R	R	RR	R	R	\diamond
ARM SIGNALS US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NW/F	B 🖛 G	RR	R	R	RR	R	R	R	R	R	х п	R	R	R	2	R R	R	- G	\Diamond		ARM SIGNALS US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NW/B	– Y	R	R	R F	2 R	R	R	R F	R R	R	R	R	R R	R	- R ⊂	\bigcirc
US RTE 12 (RAND RD) AT IL RTE 83	-	6 6	R	R	RR	R		R	P	R	2 R	R	R	R	,	P C		6	$\overline{\bigcirc}$		LEFT TURN SIGNALS US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) NW/B	Y	R	R	R Y	R	R	R	R F	R R	R	R	R	R Y	R	R	\sim
ALL SIGNALS US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD)		0 0													`					- i	ALL SIGNALS US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD)		R		RG	G	G	R	RF	R R	R	R	R	R R	R		\sim
NEAR AND FAR RIGHT AND MID MAST SE/E ARM SIGNALS US RTE 12 (RAND RD) AT IL RTE 83	BR	Y R	Y	R	R R	R	R	R	R	RF	R R	R	R	R	2	R R	R	R	\sim		NEAR AND FAR RIGHT AND MID MAST SE/B ARM SIGNALS US RTE 12 (RAND RD) AT IL RTE 83	ĸ	ĸ	R	K U		G	ĸ			К	R	ĸ	K K		G	
(ELMHURST RD) LEFT TURN SIGNALS	в 🖛 в	R R	⊸ Y	R	R R	R	R	R	R	R	R	R	R	RF	2	R R	R	🔫 R	\Diamond		(ELMHURST RD) SE/B LEFT TURN SIGNALS SE/B	R	R	R	RF	R R	- − G	R	R F	R R	R	R	R	RR	R	← G	\diamond
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST SE/E	B R	Y R	G	G	Y R	Y Y	R	Y	R	G	5 Y	R	G	G ,	r	R R	R	R	\diamond		US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST SE/B	R	R	R	R G	G	G	G	G C	; G	G	G	G	G R	R	G	\diamond
ARM SIGNALS US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD SE/E					• Y • F							R			Y F			- R	\wedge		ARM SIGNALS US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD SE/B	R	R	R	R F	: R	– G	🗲 G	→ G →	-G 🖛 0	G -	🗕 G 🚽	⊷ G -	⊢G R	R	🖛 G	\land
PEDESTRIAN CROSSING US RTE 12 (RAND RD	_				←Υ ← F DW DW							+		tG dw dv		W DW		- 11	\sim		<u>LEFT TURN SIGNALS</u> PEDESTRIAN CROSSING US RTE 12 (RAND RD)	DW	DW	DW	DW DV	w Dw	DW	DW	DW [ow Dw	DW	DW	DW	DW DV	W DW	v Dw	\sim
TO NORTH CORNER ISLAND PEDESTRIAN CROSSING US 12 CORNER ISLAND TO NORTHEAST SIDE OF IL 83	DW	5			DW DW	-		-				+	+ +			w Dw			$\overrightarrow{}$		TO NORTH CORNER ISLAND PEDESTRIAN CROSSING US 12 CORNER ISLAND TO NORTHEAST SIDE OF IL 83	DW			DW DW			DW		W DW	DW	DW	_	DW DW			
PEDESTRIAN CROSSING US RTE 12 (RAND RD CORNER ISLAND TO SW CORNER OF IL 83) DW	<u> </u>			DW DW	DW	DW	DW	DW	FL DW	DW	DW	FL I DW	ים אכ					${\bigcirc}$	F	PEDESTRIAN CROSSING US RTE 12 (RAND RD) CORNER ISLAND TO SW CORNER OF IL 83	DW	DW	DW	DW DW	/ DW	DW	DW	DW D	W DW	F L D W	DW	DW	DW F	W DW	DW	$\overline{\Diamond}$
PEDESTRIAN CROSSING SE CORNER TO SOUTHEAST ISLAND	DW	DW DW	DW	DW	DW DW	DW	DW	DW		DW DV	V DW	DW	DW	DW D	W C	W DV	V DW	DW	Č_	F	PEDESTRIAN CROSSING SE CORNER TO SOUTHEAST ISLAND	DW	DW	DW	DW DV	V DW	DW	DW	DW C	W DW	DW	DW	DW	DW D	W DW	V DW	$\overline{\Diamond}$
PEDESTRIAN CROSSING KENSINGTON ISLAND TO NE CORNER OF US 12 (RAND RD)		DW DW	DW	DW	DW DW	DW	DW	DW	DW	DW DV	V DW	DW	DW	DW D		DW DW	/ DW	DW	\Diamond	T	PEDESTRIAN CROSSING KENSINGTON ISLAND O NE CORNER OF US 12 (RAND RD)		DW	DW	DW DW	I DW	DW	DW	DW D	W DW	DW	DW	DW	DW DV	W DW	/ DW	\sum
PEDESTRIAN CROSSING US 12 CORNER ISLAN TO SW KENSINGTON CORNER	D DW	DW DW	DW	DW	DW DW	DW	DW	DW	DW	DW DV	DW	DW	DW	DW D		W DW	V DW	DW	\diamond	P T	EDESTRIAN CROSSING US 12 CORNER ISLAND O SW KENSINGTON CORNER	DW	DW	DW	DW DW	DW	DW	DW	DW C	DW DW	DW	DW	DW	DW D	W DW	DW	\bigcirc

EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE 2 IS TERMINATED.

FILE NAME =	USER NAME = pociechal	DESIGNED – JC	REVISED -			PHASE	F DESIGN/	ATION SEQUENCE C	HARTS	F.A. RTF	SECTION	COUNTY TOTAL SHEET
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	PLOT SCALE = 40.0000 ' / in.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION				. ,				CONTRACT NO. 62D44
Default	PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED.	AID PROJECT

FIRE LANE NO. 2 PHASE 5 EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

FIRE LANE NO. 2 PHASE 5 EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

FIRE LANE NO. 4 PHASE 4+7 EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

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OPERATION INTERVAL NUMBER EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL		1 A	1B	1 1C	1 D	1 E	1 F	1 G	1 H	1J	1 K	10 1L	20 1M	1 N	1P	10	1R	15	1 T	10	1 V	1W	1 1 X	NO. 3	CLEAR TO NORMAL	OPERATION INTERVAL NUMBER EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL		⊢
NUMBER CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATI		1 A 1 B	1D 1C	10 1D	2	1F	2	10	1 J	10 1K	2	2	2	1P	10	10 1R	2	13 1T	10	10	2	1 W	2	2	SEQUENCE	NUMBER CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION		⊢
INTERVAL NUMBER IL RTE 83 (ELMHURST RD) KENSIN FOUNDRY RD	IGTON /	R	R	R	R	R	R	R	R	R	R	G	G	R	R	R	R	G	G	G	G	R	R	G	\frown	INTERVAL NUMBER		-
NEAR AND FAR RIGHT SIGNALS IL RTE 83 (ELMHURST RD) KENSIN FOUNDRY RD		R	R	R	R	R	R	R	R	R	R	<u> </u>	Ģ	R	R	R	R	G	G	-		R	R	G		NEAR AND FAR RIGHT SIGNALS IL RTE 83 (ELMHURST RD) KENSINGTON		-
MAST ARM AND FAR LEFT SIGNALS IL RTE 83 (ELMHURST RD) AT US (RAND RD)	N/B RTE 12	R	R	R		R	R	R			R	- 0	4 -6	R	R	R		G		G	G	R		-G	\sim	MAST ARM AND FAR LEFT SIGNALS IL RTE 83 (ELMHURST RD) AT US RTE 1		\vdash
NEAR AND FAR RIGHT SIGNALS IL RTE 83 (ELMHURST RD) AT US	N/B RTE 12				R				R	R		R R	G G				R	-	G	G	G		R	G G	\sim	NEAR AND FAR RIGHT SIGNALS IL RTE 83 (ELMHURST RD) AT US RTE	N/B 12	\vdash
(RAND RD) MAST ARM FAR LEFT SIGNALS IL RTE 83 (ELMHURST RD) AT US	N/B RTE 12	R	R	R	R	R	R	R	R	R	R	G	- −G	R	R	R	R	G	G	G	G	R	R	- G	\sim	IL RTE 83 (ELMHURST RD) AT US RTE	N/B 12	
(RAND RD) NEAR AND FAR RIGHT SIGNALS IL RTE 83 (ELMHURST RD) AT US	S/B RTE 12	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	Y	R	R	R	R	R	R	\sim	IL RTE 83 (ELMHURST RD) AT US RTE	S/B 12	
(RAND RD) MAST ARM AND FAR LEFT SIGNALS IL RTE 83 (ELMHURST RD) AT KEN	S/B ISINGTON /	R	R	R	R	R	R	R	R	R	R	<u>→</u> Y	R	Y	R	R	R	Ŷ	R	R	R	R	R	R	\sim	(RAND RD) MAST ARM AND FAR LEFT SIGNALS IL RTE 83 (ELMHURST RD) AT KENSING	S/B STON /	-
FOUNDRY RD ALL SIGNALS	S∕ B	R	R	R	R	Y	R	G	G	Y	R	R	R	G	G	Y	R	G	G	Y	R	R	R	R	\diamond	FOUNDRY RD All SIGNALS	S/B	-
KENSINGTON/FOUNDRY RD AT IL RT (ELMHURST RD) ALL SIGNALS		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	\diamond	ALL SIGNALS	2, 0	
KENSINGTON/FOUNDRY RD AT US RT (RAND RD) ALL SIGNALS	E∕ B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	\diamond	KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS KENSINGTON/FOUNDRY RD AT US RTE 12	E/B	
KENSINGTON/FOUNDRY RD AT US RT (RAND RD) ALL SIGNALS	W∕ B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	\diamond	(RAND RD) ALL SIGNALS	W∕B	
KENSINGTON/FOUNDRY RD AT IL RT (ELMHURST RD) ALL SIGNALS	W∕ B	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	\diamond	ALL SIGNALS	W∕B	
US RTE 12 (RAND RD) AT KENSING FOUNDRY RD NEAR AND FAR RIGHT AND MID MAS	-	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	\diamond		/ NW/B	
ARM SIGNALS US RTE 12 (RAND RD) AT KENSING FOUNDRY RD	TON / NW/B	- -Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	- R	\diamond	ARM SIGNALS US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD	/ NW/B	-
LEFT TURN SIGNALS US RTE 12 (RAND RD) AT IL RTE (ELMHURST RD) ALL SIGNALS	83 NW/B	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	\mathbf{R}	R	R	R	R	R	Y	R	R	\diamond	LEFT TURN SIGNALS US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	NW/B	Γ
US RTE 12 (RAND RD) AT IL RTE (ELMHURST RD) NEAR AND FAR RIGHT AND MID MAS		R	R	R	R	Y	R	Y	R	R	R	R	R	R	R	$\widehat{\mathbf{R}}$	R	R	R	R	R	R	R	R	\diamond	US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD)	SE/B	
ARM SIGNALS US RTE 12 (RAND RD) AT IL RTE (ELMHURST RD)	83	R	R	R	R	R	R		R	R	R	R	R	R	R		R	R	R	R	R	R	R	- R	\sim	ARM SIGNALS US RTE 12 (RAND RD) AT IL RTE 83		⊢
LEFT TURN SIGNALS US RTE 12 (RAND RD) AT KENSING	SE/B	n				n.			N	n.	n.	N	n	n	N	\sim		n	n.	N	N				\sim	LEFT TURN SIGNALS US RTE 12 (RAND RD) AT KENSINGTON ,	SE/B	\vdash
FOUNDRY RD NEAR AND FAR RIGHT AND MID MAS ARM SIGNALS		R	R	R	R	G	G	G	G	G	G	G	G	G	G	\sim	G	G	G	G	G	R	R	G	\diamond	ARM SIGNALS	SE/B	
US RTE 12 (RAND RD) AT KENSING FOUNDRY RD LEFT TURN SIGNALS	SE/B	R	R	R	R	R	R	← G	→ G	- − G	→ G	→ G	→ G	≁ G	- → G	G	- ← G	← G	← G	🛨 G	🗲 G	R	R	- − G	\diamond	US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	SE/B	

EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE 2 IS TERMINATED.

FILE NAME =	USER NAME = pociechal	DESIGNED -	JC	REVISED -			PHAS	SE DESIGN	ATION SEQUENCE CH	ARTS	F.A. RTF.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\\ILØ84EBIDINTEG.1111no1s.gov:PWIDOT\DocL	uments\IDOT Offices\District 1\Projects\D102	31 07R0ANDN ata∖T+aff	ົາເວ ່າຕື 102317-sht-ts3 . dgn	REVISED -	STATE OF ILLINOIS							2016-056TS	VARIOUS	55	45
	PLOT SCALE = 40.0000 '/ in.	CHECKED -	LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION	U	US IZ (KAND KL	U) AT IL 83	3 (ELMHURST RD) AT	KENSINGTUN KU			CONTRACT	NO. 62	2D44
Default	PLOT DATE = 3/23/2017	DATE -	03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED	AID PROJECT		

V	EHI	CLE	PR	EEM	PTI		SEC	DUE	ICE	OF	OP	ERA	TIOI	N
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				_			т <u>г</u>	⊒	- ~~	_				
	3	1	0	1	6	2	0	22	2	7	3	1	FIRE LANE NO. 4	CLEAR TO
1 E	1 F	1 G	1 H	1 J	1 K	1 L	1 M	1 N	1 P	10	1 R	1 S	2	NORMAL
1 F	2	1 H	2	1 K	2	1 M	2	2	10	2	1 S	2		SEGUENCE
R	R	R	R	Y	R	Y	R	R	Y	R	R	R	R	\diamond
R	R	R	R	Y	R	Y	R	R	Y	R	R	R	R	\diamond
R	R	R	R	R	R	Y	R	R	Y	R	R	R	R	\diamond
R	R	R	R	R → Y	R	Y	R	R	Y	R	R	R	R	\diamond
R	R	R	R	R	R	R	R	G	G	G	R	R	G	\diamond
R	R	R	R	R G	RG	R	R	G G G	R	R	R	R	<u> </u>	\diamond
G	G	G	G	R	R	R	R	G	G	G	R	R	G	\diamond
R	R	R	R	R	R	R	R	R	R	R	Y	R	R	\diamond
R	R	R	R	R	R	R	R	R	R	R	Y	R	R	\diamond
R	R	R	R	R	R	R	R	R	R	R	Y	R	R	\diamond
R	R	R	R	R	R	R	R	R	R	R	Y	R	R	\Diamond
Y	R	R	R	R	R	R	R	R	R	R	R	R	R	\diamond
R	R	R	R	R	R	R	R	R	R	R	R	R	 R	\diamond
Y	R	R	R	R	R	R	R	R	R	R	Y	R	R	\Diamond
Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	\diamond
R	R	 Y	R	R	R	R	R	R	R	R	R	R	 R	\Diamond
G	G	G	G	G	G	G	G	G	G	G	R	R	G	\diamond
R	R	≁ G	★ G	← G	← G	★ G	≁ G	≁ G	→ G	→ G	R	R	→ G	\diamond

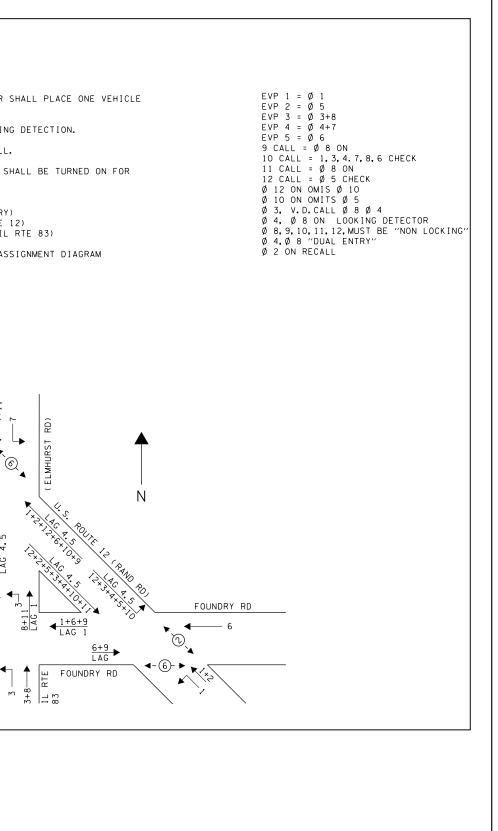
FIRE LANE NO. 5 PHASE 6 EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

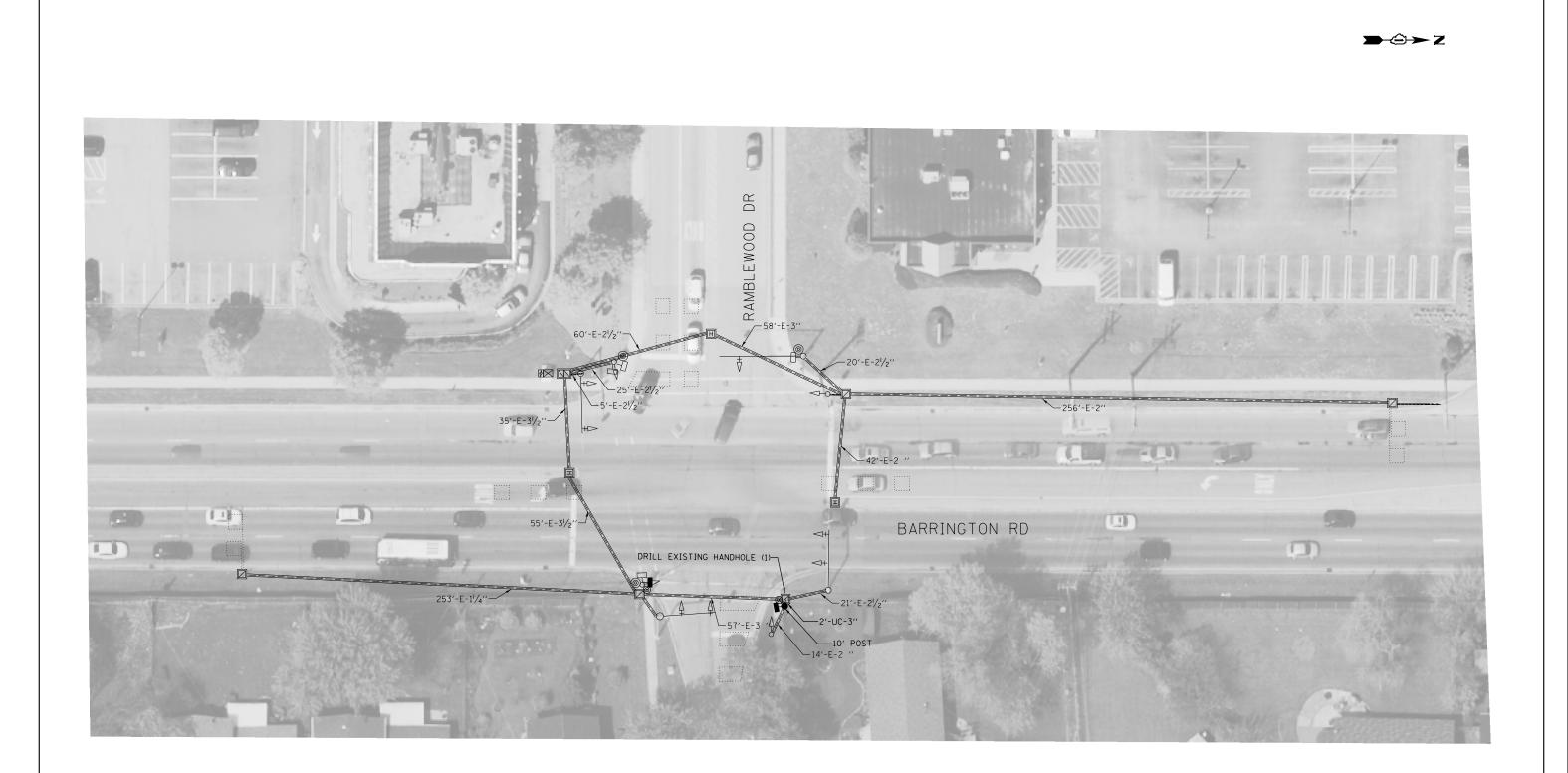
										$\overline{\ }$	\square														
MOVEMENT													\												NOTES:
N			1		1						<u>-</u>	·	-				1							1.	 PHASE 3 VEHICLE DETECTOR SHALL PLAC CALL INTO PHASE 8.
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER		1		3		1	0		1	6	2	0		2	2			2	27		31	LANE	CLEAR TO NORMAL SEQUENCE	2	
MERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL JUMBER	1 A	1 B	1 C	1 D	1 E	1 F	1 G	1 H	1 J	1 K	1 L	1 M	1 N	1P	10	1 R	1 S	1 T	1 U	1 V	1 W	2	\diamond	3	3. PHASE 2 MUST BE ON RECALL.
CHANGE TO EMERGENCY VEHICLE REEMPTION SEQUENCE OF OPERATION NTERVAL NUMBER	1 B	2	1 D	2	1F	1 G	1 H	2	1 K	2	1 M	2	1 P	10	1 R	2	1 T	1 U	1 V	2	2		\Diamond	4	
L RTE 83 (ELMHURST RD) KENSINGTON / OUNDRY RD HEAR AND FAR RIGHT SIGNALS N/B	R	R	R	R	R	R	R	R	Y	R	Y	R	R	R	R	R	Y	R	R	R	R	R	\diamond	5	PHASES 3, 4, 7, & 8. 5. TIMED OVERLAP PHASES
UNDER 83 (ELMHURST RD) KENSINGTON / OUNDRY RD AST ARM AND FAR LEFT SIGNALS N/B	R	R	R	R	R	R	R	R	Y	R	Y	R	R	R	R	R	Y	R	R	R	R	R	\diamond		ϕ 9 - EB WB ϕ 6 (FOUNDRY) ϕ 10 - NB SB ϕ 5 (US RTE 12)
L RTE 83 (ELMHURST RD) AT US RTE 12 RAND RD) IEAR AND FAR RIGHT SIGNALS N/B	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	Y	R	R	R	R	R	\diamond		Ø 11 - NB SB Ø 4, Ø 8 (IL RTE 83)
L RTE 83 (ELMHURST RD) AT US RTE 12 RAND RD) MAST ARM FAR LEFT SIGNALS N/B	R	R	R	R	R	R	R	R	- Y	R	Y	R	R	R	R	R	Y	R	R	R	R	R	\Diamond	6	1 2 12 10 5 3 4 11 6 9
IL RTE 83 (ELMHURST RD) AT US RTE 12 RAND RD) IEAR AND FAR RIGHT SIGNALS S/B	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	Y	R	R	R	R	R	\Diamond		7 8
LAR AND FAIL RIGHT STORALS I RTE 83 (ELMHURST RD) AT US RTE 12 RAND RD) MAST ARM AND FAR LEFT SIGNALS S/B	R	R	R	R	R	R	R	R	- Y	R	R	R	Y	R	R	R	Y	R	R	R	R	R	\Diamond		
L RTE 83 (ELMHURST RD) AT KENSINGTON / OUNDRY RD ALL SIGNALS S/B	R	R	Y	R	G	G	Y	R	R	R	R	R	G	G	Y	R	G	G	Y	R	R	R	\diamond		
ELSIGNALS ENSINGTON/FOUNDRY RD AT IL RTE 83 ELMHURST RD) ALL SIGNALS E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	\diamond		
ENSINGTON/FOUNDRY RD AT US RTE 12 RAND RD) ALL SIGNALS E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	\diamond		
ENSINGTON/FOUNDRY RD AT US RTE 12 RAND RD) ALL SIGNALS W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	\diamond		× =
ENSINGTON/FOUNDRY RD AT IL RTE 83 ELMHURST RD) W/B ALL SIGNALS W/B	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	\diamond		RD)
IS ATE 12 (RAND RD) AT KENSINGTON / OUNDRY RD IEAR AND FAR RIGHT AND MID MAST NW/B RM SIGNALS	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	\diamond		
JS RTE 12 (RAND RD) AT KENSINGTON / JOUNDRY RD .EFT TURN SIGNALS NW/B	→ Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	 R	\diamond		
IS RTE 12 (RAND RD) AT IL RTE 83 ELMHURST RD) LL SIGNALS NW/B	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	\Diamond		× • • • • • • • • • • • • • • • • • • •
IL SIGNALS S RTE I2 (RAND RD) AT IL RTE 83 ELMHURST RD) WEAR AND FAR RIGHT AND MID MAST SE/B RRM SIGNALS	R	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	\diamond		x x x x x x x x x x x x x x x x x x x
JS RTE 12 (RAND RD) AT IL RTE 83 ELMHURST RD) .EFT TURN SIGNALS SE/B	R	R	R	R	- Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	 R	\bigcirc		144+11+12- LAG 4.5
IS ATE 12 (RAND RD) AT KENSINGTON / OUNDRY RD HEAR AND FAR RIGHT AND MID MAST SE/B RRM SIGNALS	R	R	Y	R	G	G	Y	R	Y	R	Y	R	G	G	Y	R	G	G	Y	R	R	R	\diamond		2+5+4+
IS RTE 12 (RAND RD) AT KENSINGTON / OUNDRY RD EFT TURN SIGNALS SE/B	R	R	R	R	- G	– G	- Y	R	- Y	R	→ Y	R	- −G	- → G	- - Y	R	- G	- − G	- Y	R	R	- - R	\diamond		KENSINGTON RD

EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE 2 IS TERMINATED.

FILE NAME =		USER NAME = pociechal	DESIGNED – JC	REVISED -			PHAS	E DESIGN	NATION SE	OUENC	E CHARTS	F.A. RTF.	SECTION	COUNTY	TOTAL SHEET
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		PLOT SCALE = 40.0000 '/ in.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION	03 12		ATILO	5 (ELIVIAUI	עח ונה	AT RENSINGTON RD				T NO. 62D44
Default		PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEET	S STA.	TO STA.		ILLINOIS F	ED. AID PROJECT	

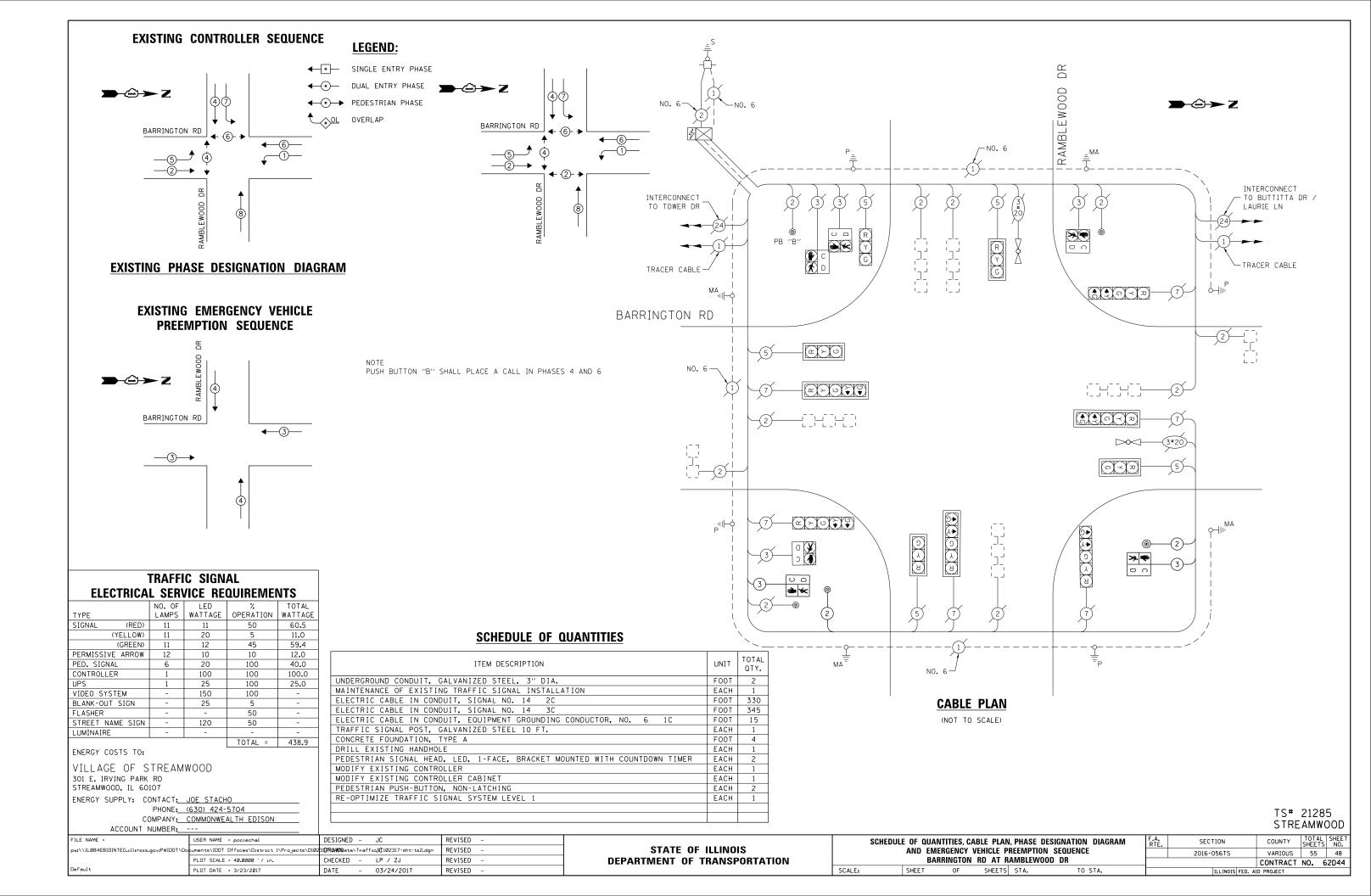
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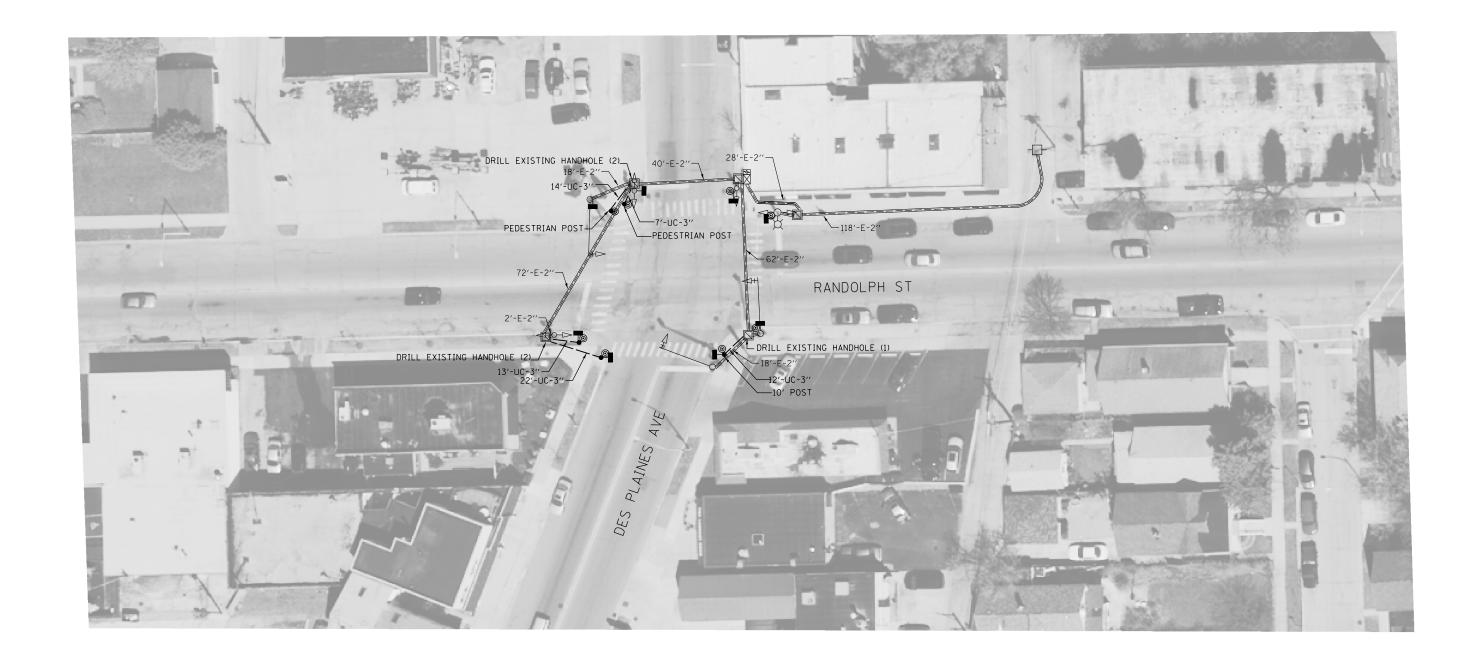




F	ILE NAME =	USER NAME = pociechal	DESIGNED -	JC	REVISED -			TRAF	FIC SIG	ΝΑΙ ΜΟΓ	DERNIZATIO	N	F.A.	SECTION	COUNTY TOTA	AL SHEET
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		PLOT SCALE = 40.0000 ' / in.	CHECKED -	LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION		DANNIN		UAINA	IVIBLEVVUUD	Un			CONTRACT NO.	62D44
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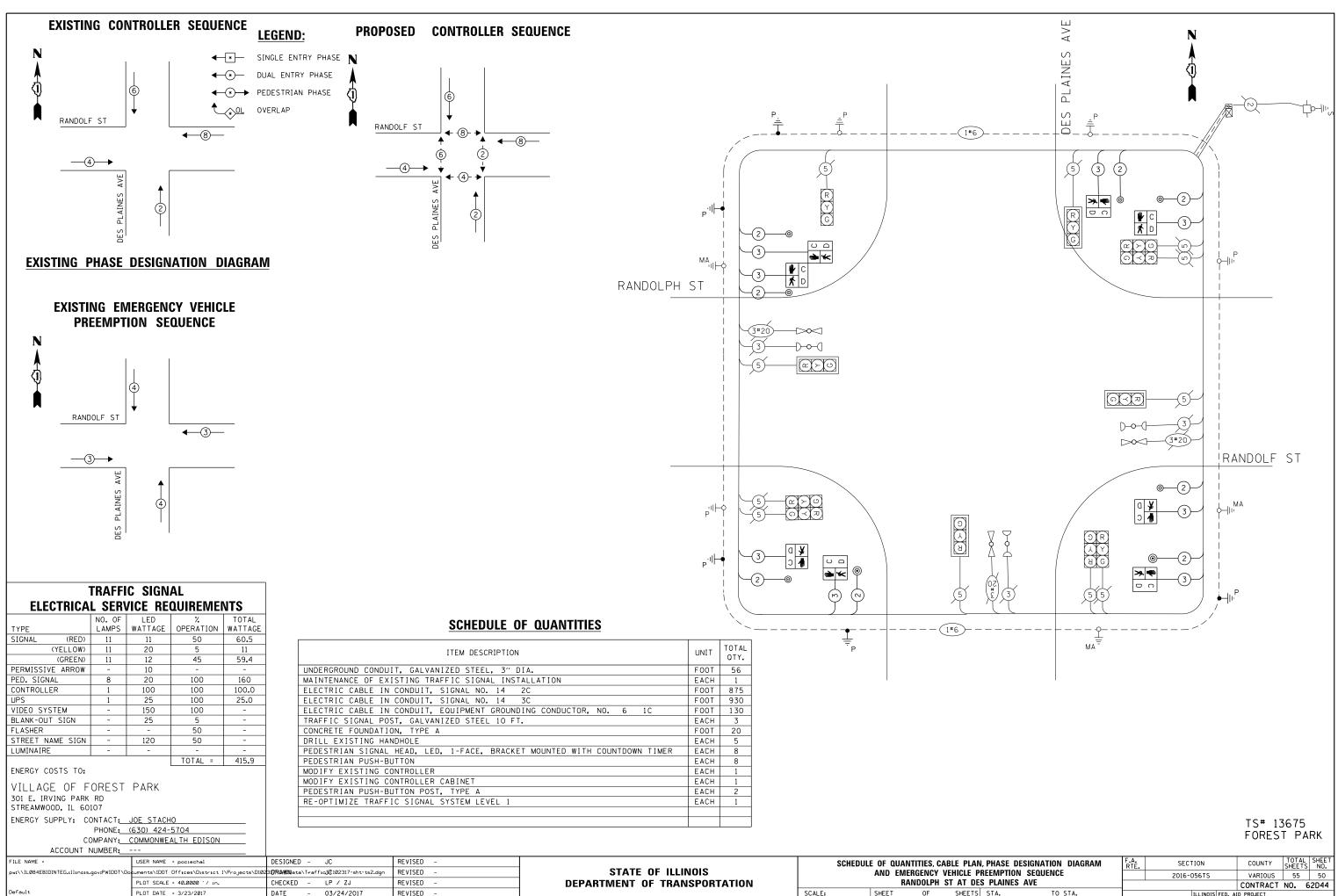
TS# 21285 STREAMWOOD



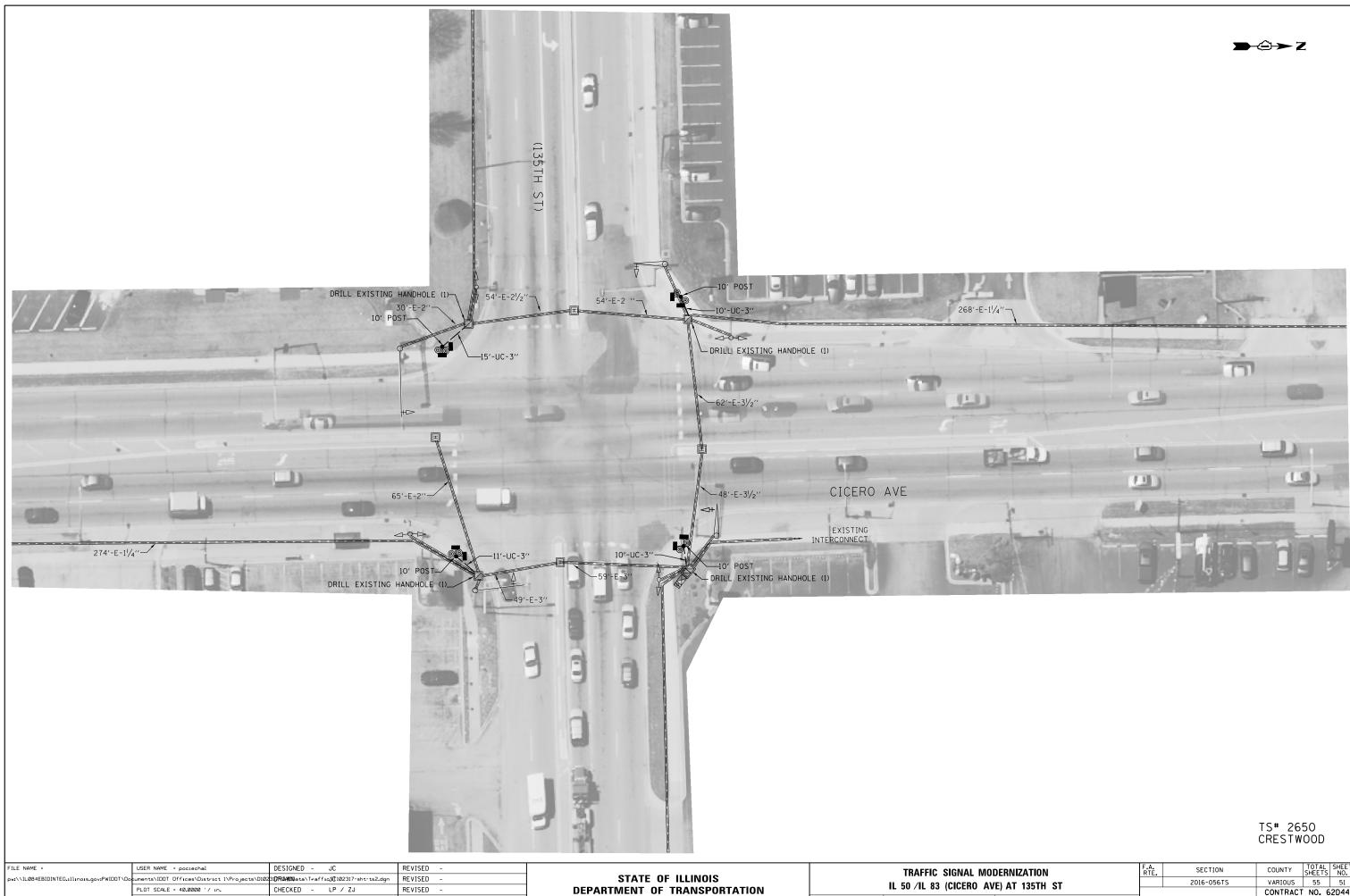


FILE NAME =	USER NAME = pociechal	DESIGNED - JC	REVISED -			TRAF	FIC SIG	NAL MODERNIZATI	<u>NN</u>	F.A.	SECTION	COUNTY	TOTAL	SHEET NO.
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	PLOT SCALE = 40.0000 ' / 10.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION			-					CONTRACT	NO. 62	2D44
Default	PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED.	AID PROJECT		

TS# 13675 FOREST PARK



		RIE.			SHEETS	NU.
	REEMPTION SEQUENCE		2016-056TS	VARIOUS	55	50
E	S PLAINES AVE			CONTRACT	NO. 6	2D44
S	STA. TO STA.		ILLINOIS FED.	AID PROJECT		



SCALE:

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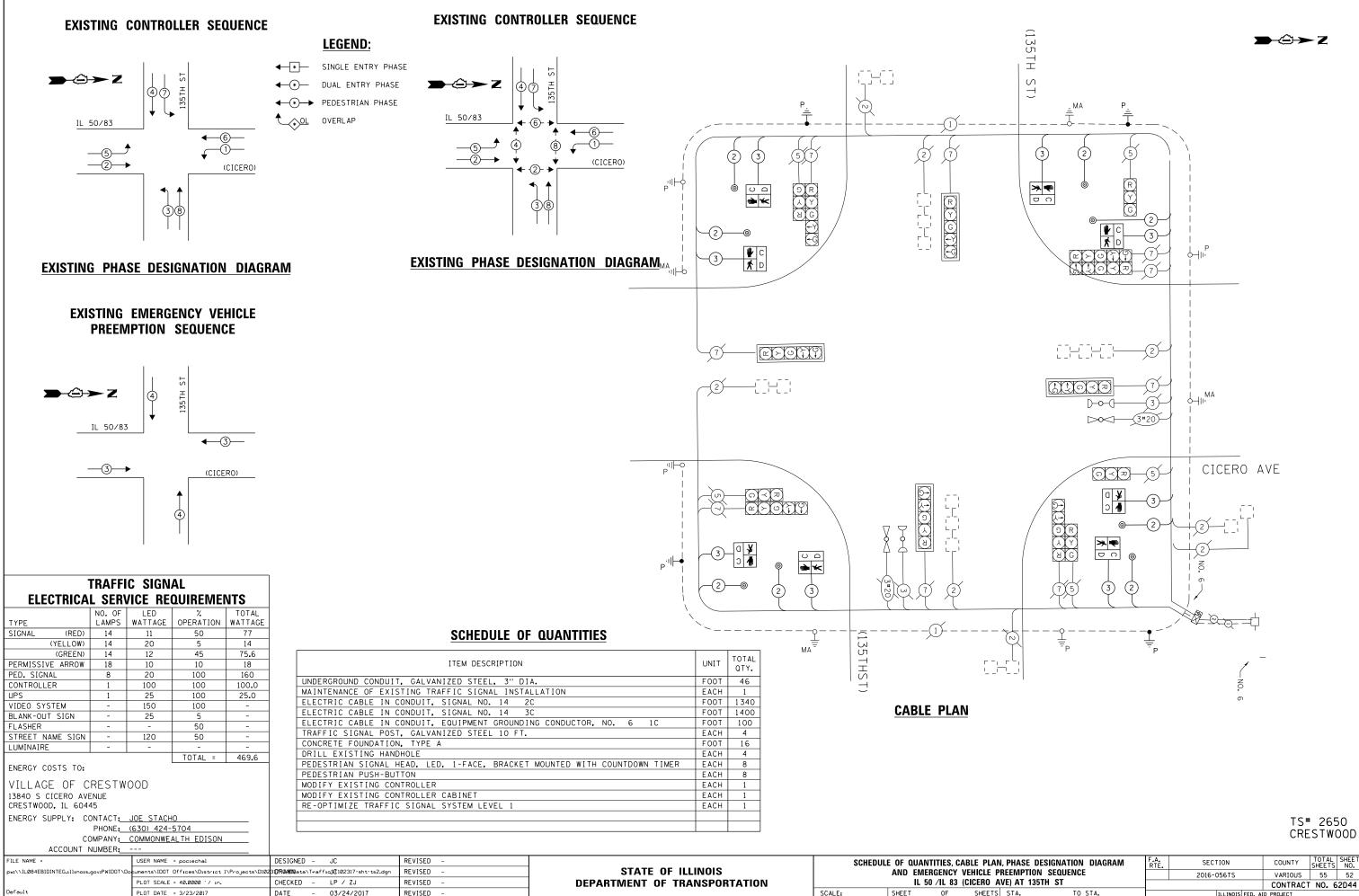
PLOT DATE = 3/23/2017

DATE - 03/24/2017

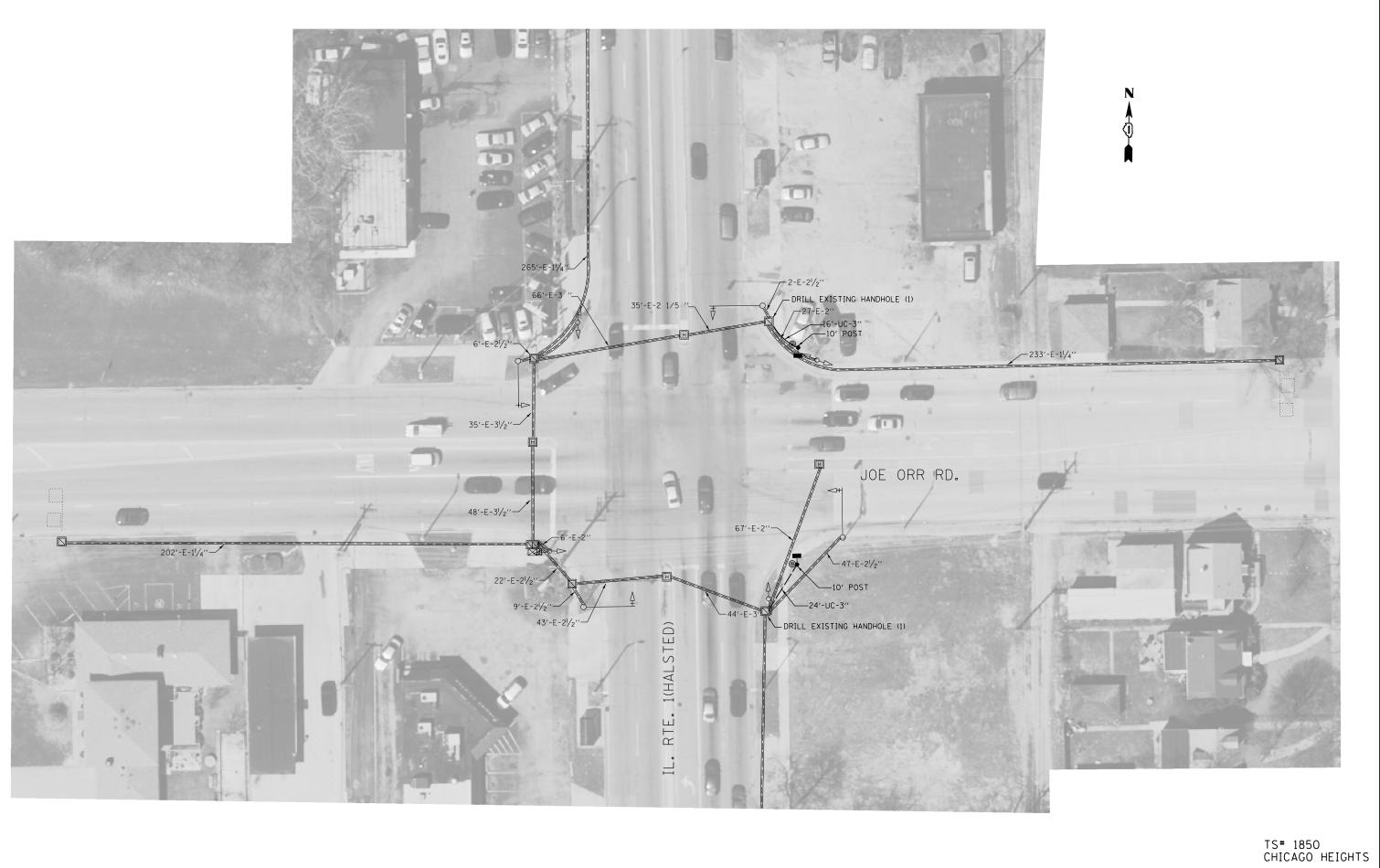
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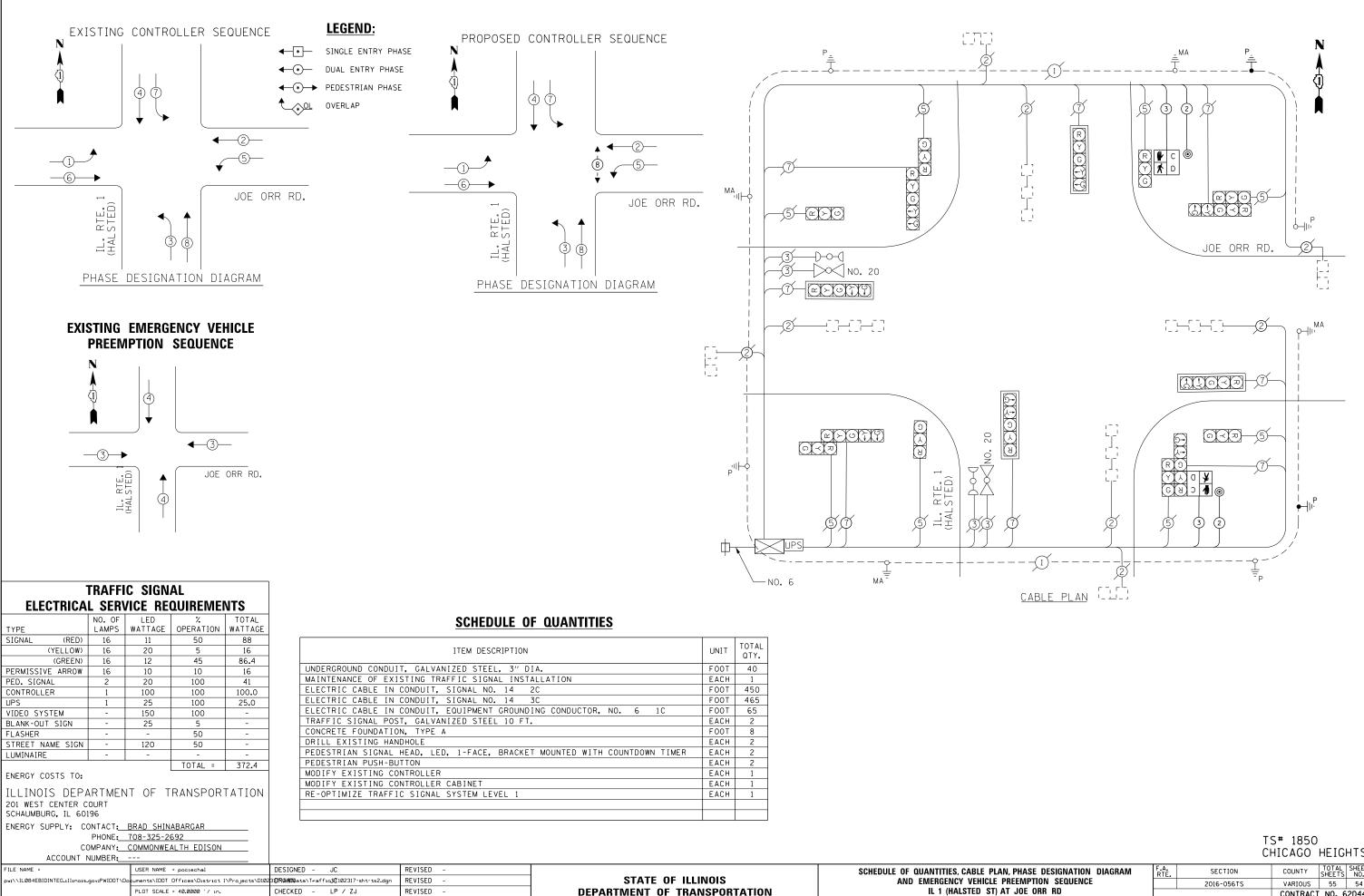
TRAF	FIC SIG	NAL MOD	ERNIZATI	DN	F.A. RTE.	SECTION	COUNTY	TOTAL	
II 50 /II	83 /010) AT 1351	т ст		2016-056TS	VARIOUS	55	51
	. 03 (010		, AI 1331	11 51			CONTRACT	NO.	52D44
SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		



			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		ON SEQUENCE		2016-056TS	VARIOUS	55	52
A	VE) AT 1	35TH ST			CONTRACT	NO. 6	2D44
TS	STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		



FILE NAME =	USER NAME = pociechal	DESIGNED – JC	REVISED -			TRAF	FIC SIG	NAL MODERNIZATIO	N	F.A.	SECTION	COUNTY TOTAL SHEET
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	PLOT SCALE = 40.0000 ' / 10.	CHECKED - LP / ZJ	REVISED -	DEPARTMENT OF TRANSPORTATION			HALƏTED	J SI/AI JUE UNN				CONTRACT NO. 62D44
Default	PLOT DATE = 3/23/2017	DATE - 03/24/2017	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. AI	ID PROJECT



PLOT SCALE = 40.0000 '/ in. PLOT DATE = 3/23/2017

- 03/24/2017

DATE

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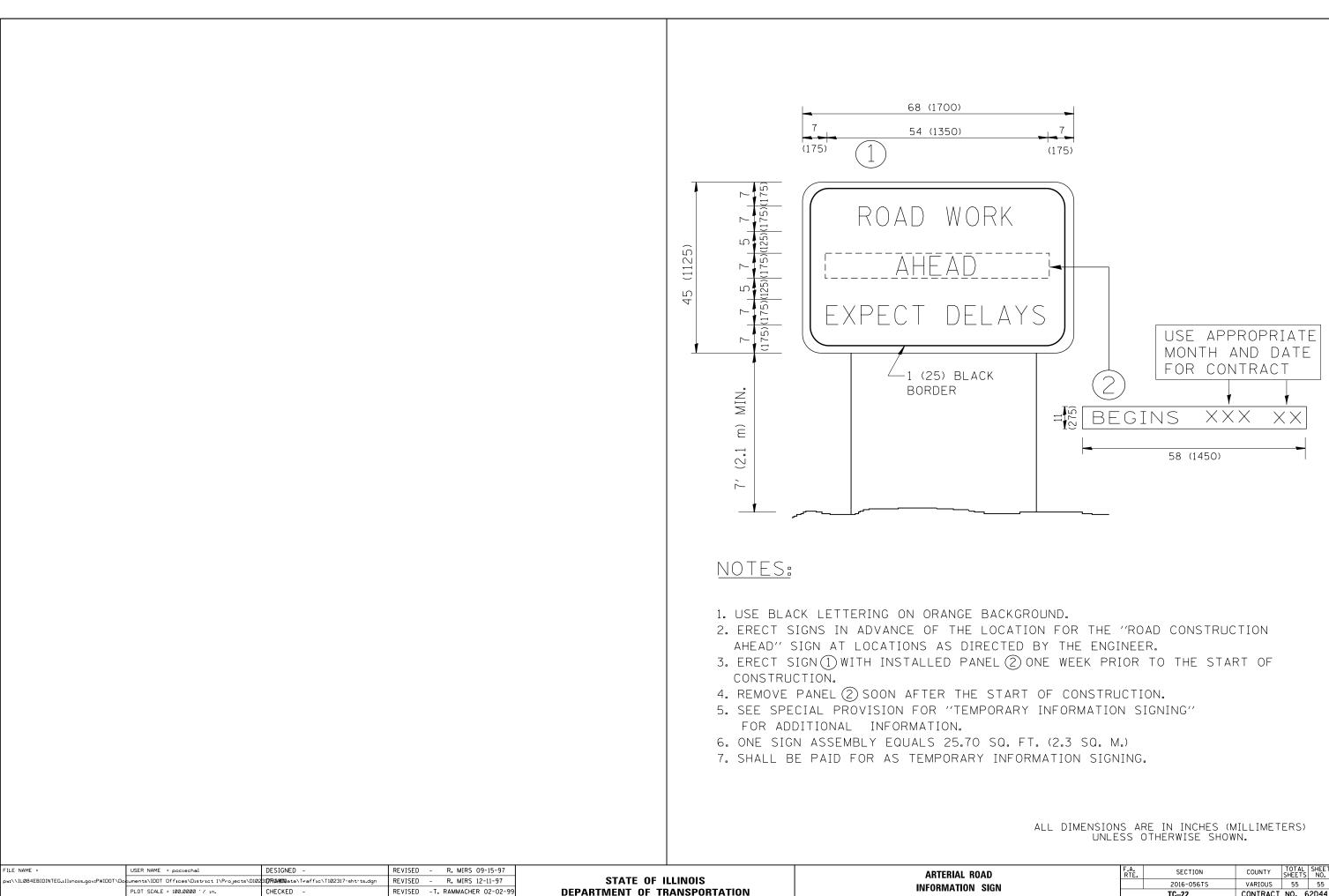
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DEPARTMENT OF TRANSPORTATION

IL 1 (HALSTED ST) SCALE: SHEET OF SHEET

CHICAGO HEIGHTS

		DESIGNATION DIAGRAM	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		ON SEQUENCE		2016-056TS	VARIOUS	55	54
A	T JOE O	RR RD			CONTRACT	NO. 6	2D44
TS	STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		



REVISED -	-T. RAMMACHER 02-02-99	DEPARTMENT OF TRANSPORTATION			INFORM	ATION
REVISED -	- C. JUCIUS 01-31-07		SCALE: NONE	SHEET 1	0F 1	SHEETS

Default

PLOT DATE = 3/23/2017

DATE

ROAD N_SIGN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
			2016-056TS	VARIOUS	55	55		
		_	TC-22	CONTRACT	NO. 6	52D44		
٢S	STA.	TO STA.		ILLINOIS FED. AID PROJECT				