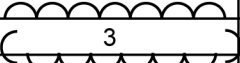
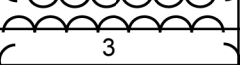
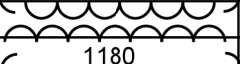
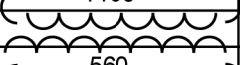
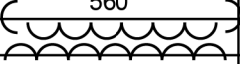
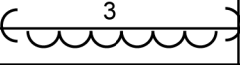


SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION- TYPE CODE 0028 (FEDERAL ITEP / STATE ITEP / LOCAL)	CONSTRUCTION- TYPE CODE 0028 (FEDERAL ITEP / STATE ITEP / LOCAL)
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM		1
	70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	LSUM		1
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM		1
	70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	LSUM		1
	70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	LSUM		1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM		1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM		1
	70300100	SHORT TERM PAVEMENT MARKING	FOOT		20000
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT		10000
	72000100	SIGN PANEL - TYPE 1	SQ FT		344
*	72000200	SIGN PANEL - TYPE 2	SQ FT		21
*	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT		30
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT		395
*	72900100	METAL POST - TYPE A	FOOT		952
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT		4736
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT		58120
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT		4554



SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION- TYPE CODE 0028 (FEDERAL ITEP / STATE ITEP / LOCAL)	CONSTRUCTION- TYPE CODE 0028 (FEDERAL ITEP / STATE ITEP / LOCAL)
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT		5802
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT		461
*	78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT		100
*	78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT		125
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH		410
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH		410
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT		27175
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	194	1
*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	53	1
*	81024240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	140	
*	81400200	HEAVY-DUTY HANDHOLE	EACH	4	1
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	42	
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	297	
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	983	1
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1020	1

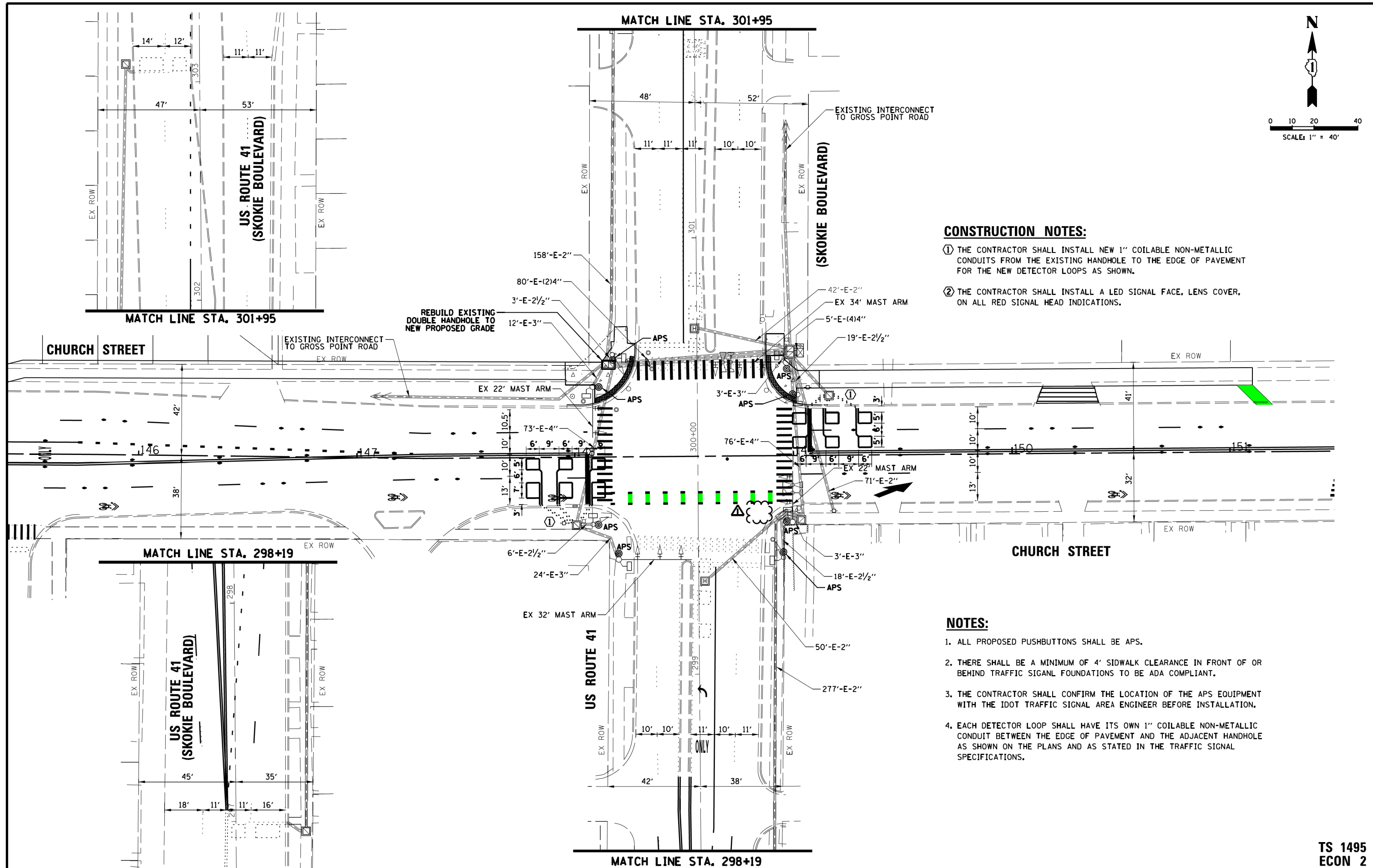
SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION- TYPE CODE 0028 (FEDERAL ITEP / STATE ITEP / LOCAL)	CONSTRUCTION- TYPE CODE 0028 (FEDERAL ITEP / STATE ITEP / LOCAL)
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	425	
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	37	
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	364	
*	87501200	TRAFFIC SIGNAL POST, 16 FT	EACH	3	
*	87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	2	
*	87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1	
*	87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1	
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8	
*	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	47	
*	87900200	DRILL EXISTING HANDHOLE	EACH	17	
*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6	
*	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3	
*	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4	
*	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10	
*	88600100	DETECTOR LOOP, TYPE I	FOOT	895	
*	88700200	LIGHT DETECTOR	EACH	2	
*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1	

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION- TYPE CODE 0028 (FEDERAL ITEP / STATE ITEP / LOCAL)	CONSTRUCTION- TYPE CODE 0028 (FEDERAL ITEP / STATE ITEP / LOCAL)
	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	
					
*	89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3	
					
*	89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	3	
					
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1180	
					
*	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	560	
					
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3	
					
*	89502380	REMOVE EXISTING HANDHOLE	EACH	1	
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5	
	XX002258	STRUCTURES TO BE ADJUSTED	EACH		45
*	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	248	
*	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	236	
*	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1	
*	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	4	
*	X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1	
	X4060286	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD		190
	X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)	SQ FT		2450

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION- TYPE CODE 0028 (FEDERAL ITEP / STATE ITEP / LOCAL)	CONSTRUCTION- TYPE CODE 0028 (FEDERAL ITEP / STATE ITEP / LOCAL)
	X4421003	PARTIAL DEPTH PATCHING (SPECIAL)	EACH		540
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT		84
*	X7800010	METHYL METHACRYLATE PAVEMENT COLORIZATION GREEN	SQ YD		3255
*	X8100863	INTERCEPT EXISTING CONDUIT	EACH	1	
*	X8140238	REBUILD EXISTING DOUBLE HANDHOLE	EACH	1	
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	24	
*	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	20	
*	X8809005	LED SIGNAL FACE, LENS COVER	EACH	30	
	Z0013798	CONSTRUCTION LAYOUT	LSUM		1
*	Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	2	
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	

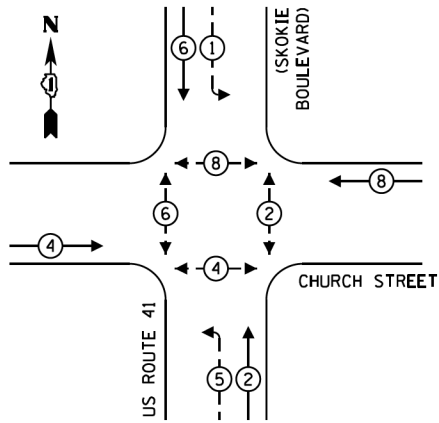
PROFILE		BY		DATE	
SURVEYED					
GRADES CHECKED					
NOTE BOOK					
BLM, NOTED					
STRUCTURE NOTATIONS CHKD					
NO. _____					

 CHRISTOPHER B. BURKE ENGINEERING LTD. 9575 West Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500		PLAN		SURVEYED		BY		DATE	
		NOTE BOOK		ALIGNMENT CHECKED					
		RT. OF WAY CHECKED		CADD FILE NAME					
		NO. _____							

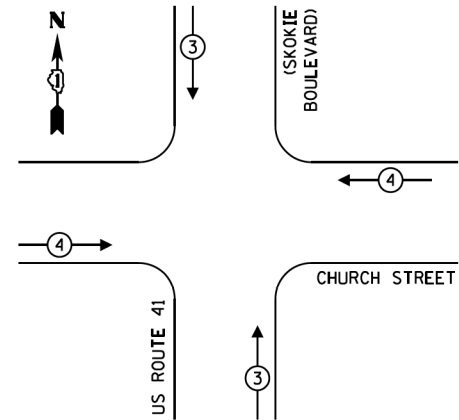


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|--|---------------------|------------|---------------------------|--|---|----|--------|------|----------------|---------------------|---------------------------|--------------|-----------|
| FILE NAME = | USER NAME = jhouseh | DESIGNED = | REVISED = 05/29/2025 | <div style="text-align: center;"> STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION </div> | <div style="text-align: center;"> TRAFFIC SIGNAL MODIFICATION PLAN
 CHURCH STREET AND US ROUTE 41 (SKOKIE BOULEVARD) </div> | | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N:\Skokie\180486\Traffic\Skokie Blvd.M00.dgn | DRAWN = | REVISED = | 1313 | | | | | | 13-00295-00-BT | COOK | 67 | 46 | |
| PLOT SCALE = 40' | CHECKED = | REVISED = | CONTRACT NO. 61L34 | | | | | | | | | | |
| PLOT DATE = 5/28/2025 | DATE = | REVISED = | SCALE: 1" = 40' | | SHEET NO. | OF | SHEETS | STA. | TO STA. | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | |

EXISTING AND PROPOSED
CONTROLLER SEQUENCE



EXISTING AND PROPOSED
EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

TYPE	QUANTITY	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3-SECTION	10	11	110
4-SECTION		14	0
5-SECTION	4	13	52
PROGRAMMABLE SIGNALS			
3-SECTION		22	0
4-SECTION		32	0
5-SECTION		28	0
PED. SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER		100	0
UPS	1	25	25
DETECTION RADAR		20	0
VIDEO	1	20	20
NETWORK SWITCH II OR III		25	0
BLANK-OUT SIGN		35	0
CELLULAR MODEM		15	0
TOTAL UPS SIZING			477
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER		15	0
LED STREET NAME SIGN		120	0
LUMINAIRE		240	0
PTZ CAMERA		75	0
TOTAL SERVICE WIRE SIZING			1082

ENERGY COSTS TO:
VILLAGE OF SKOKIE
5127 OAKTON STREET
SKOKIE, ILLINOIS 60077

ENERGY SUPPLY: CONTACT: LARRY SHANK
PHONE: (847) 816-5465
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 67666-56000

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DETECTOR LOOP, TYPE I	FOOT	382
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING DOUBLE HANDHOLE	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
LED SIGNAL FACE, LENS COVER	EACH	14
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

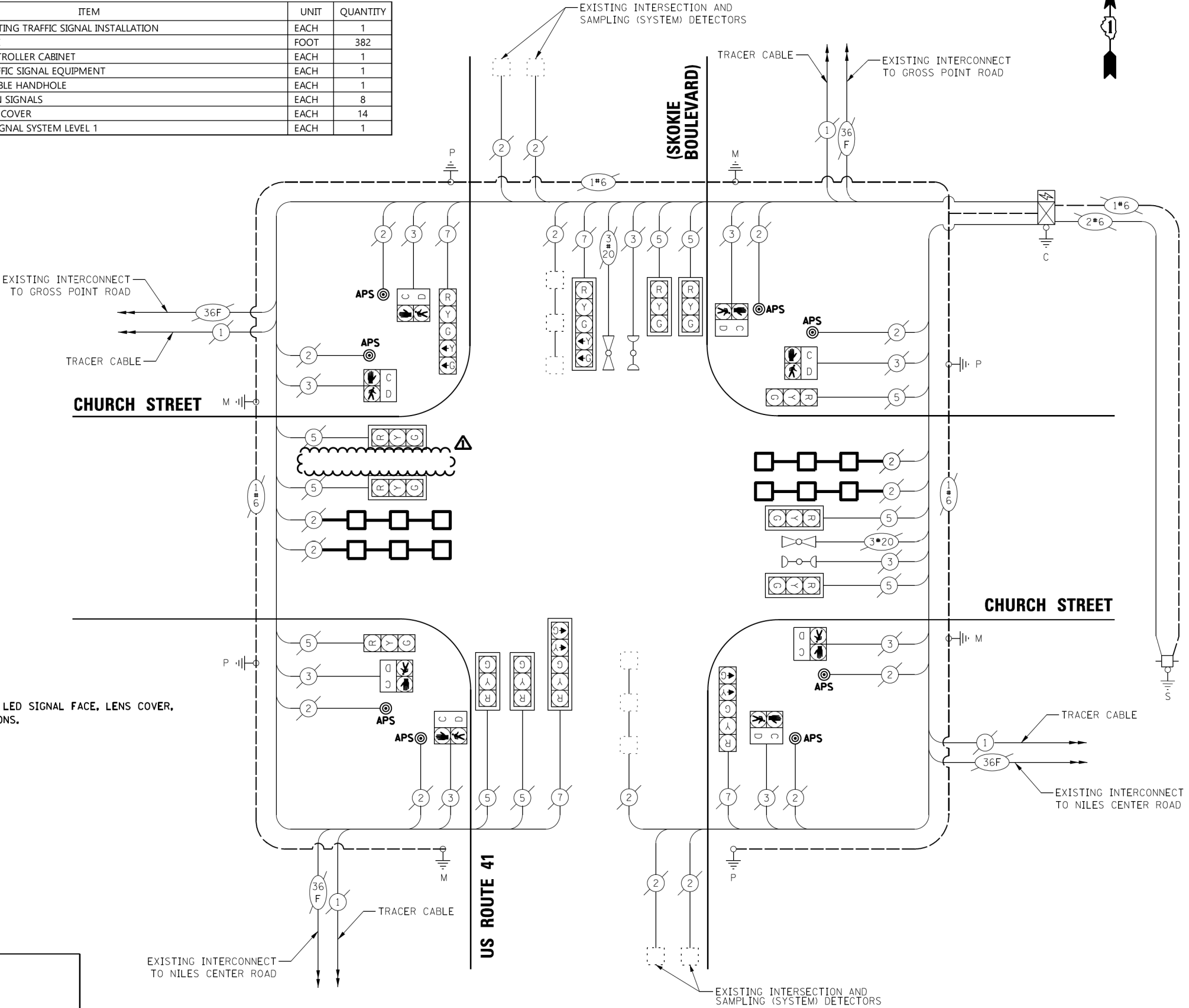
LEGEND:

- ⊙ PROTECTED PHASE
- ⊙- PROTECTED/PERMITTED PHASE
- ⊙- PEDESTRIAN PHASE
- OL OVERLAP

CONSTRUCTION NOTES:

- ① THE CONTRACTOR SHALL INSTALL A LED SIGNAL FACE, LENS COVER, ON ALL RED SIGNAL HEAD INDICATIONS.

CABLE PLAN
(NOT TO SCALE)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY
VEHICLE PREEMPTION SEQUENCE, AND SUMMARY OF QUANTITIES
CHURCH STREET AND US ROUTE 41 (SKOKIE BOULEVARD)

SCALE: 1" = 40' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1313	13-00295-00-BT	COOK	67	47
CONTRACT NO. 61L34				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TS 1495
ECON 2