

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE																																					
CODE NO	ITEM	UNIT		90% FED 10% STATE ROADWAY 0004	90% FED 10% STATE TS (0021) US 34 @ WOLF RD.	100% VILLAGE OF WESTERN SPRINGS EVP 0021	90% FED 10% STATE INTER CONNECT 0021 US 34 @WOLF RD.	90% FED 10% STATE LIGHTING 0021 US 34 @ WOLF RD.	90% FED 5% STATE 5% DOW. GR. TS (0021) US 34 @ SARATOGA	90% FED 5% STATE 2.5% DOW. GR. 2.5% DUPAGE COUNTY TS (0021) US 34 @ MAIN	100% VILLAGE OF DOW. GR. EVP 0021	90% FED 10% STATE TS (0021) IL 59 @ MAIN ST.	100% VILLAGE OF BARRINGTON EVP 0021																												
87900200	DRILL EXISTING HANDHOLE	EACH	26				1		16	8		1																													
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION,	EACH	20		6				6	8																															
	MAST-ARM MOUNTED																																								
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION,	EACH	10		3				4	3																															
	BRACKET MOUNTED																																								
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION,	EACH	14		5				4	5																															
	BRACKET MOUNTED																																								
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION,	EACH	14		5				4	5																															
	MAST-ARM MOUNTED																																								
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET	EACH	16						8	8																															
	MOUNTED WITH COUNTDOWN TIMER																																								
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED,	EACH	34		11				10	13																															
	FORMED PLASTIC																																								
88500100	INDUCTIVE LOOP DETECTOR	EACH	35		11				6	6		12																													
88600100	DETECTOR LOOP, TYPE I	FOOT	2025		1553				204	268																															
88700200	LIGHT DETECTOR	EACH	4								4																														
88700300	LIGHT DETECTOR AMPLIFIER	EACH	2								2																														
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3		1				1	1																															
89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2		2																																				
FILE NAME =			USER NAME = FritzGulllaume			DESIGNED -			REVISED -			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										SUMMARY OF QUANTITIES										F.A.P. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
pw:\N\dot-pw\entirey.com\PIW\DOT\Documents\DOT - Office\District\N\Projects\PI05317\CADData\Design\PI05317-Design.dwg			DRAWN -			REVISED -			VAR		FAP 311 22 TS																					VAR		71		11					
PLOT SCALE = 100.0000 ' / 1in.			CHECKED -			REVISED -																																			
PLOT DATE = 7/10/2024			DATE -			REVISED -																																			
																				SCALE:		SHEET NO.		OF		SHEETS		STA.		TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT									

 REVISED SHEET 9/10/2024

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	162
HANDHOLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	623
DRILL EXISTING HANDHOLE	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1
INDUCTIVE LOOP DETECTOR	EACH	12
UNINTERRUPTABLE POWER SUPPLY AND CABINET (SPECIAL)	EACH	1



MAIN STREET
(LAKE-COOK RD)

IL RTE 59
(HOUGH ST)

CABLE PLAN
(NOT TO SCALE)

ADDENDUM A

REVISED SHEET 9/10/2024

TS 11280
FORMER EAGLE 1D
LAKE COUNTY CENTRACS

TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3 - SECTION	5	11	55
4 - SECTION	-	14	-
5 - SECTION	8	13	104
PROGRAMMABLE SIGNALS			
3 - SECTION	-	22	-
4 - SECTION	-	32	-
5 - SECTION	-	28	-
PED. SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR	-	20	-
VIDEO	1	20	20
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	1	35	35
CELLULAR MODEM	1	15	15
TOTAL UPS SIZING =			524
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING =			1129

ENERGY COSTS TO:
ILLINOIS DEPT OF TRANSPORTATION

201 W CENTER CT
SCHAUMBERG, IL 60196

ENERGY SUPPLY:

CONTACT: DAVE SCHACHT

PHONE: (630) 437-2129

COMPANY: COMMONWEALTH EDISON

ACCOUNT NUMBER: 74300-27000

Sam
Schwartz

200 S. WACKER
SUITE 1400
CHICAGO, IL 60606
TEL: (773) 305-0800

USER NAME = erica.salutz
PLOT SCALE = 40.0000 ' / 1".
PLOT DATE = 6/21/2024

DESIGNED - ERICA SALUTZ	REVISED - 8/12/2024
DRAWN - KATHLEEN MURPHY	REVISED - 9/9/2024
CHECKED - PETER WOJTKIEWICZ	REVISED -
DATE - 6/24/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN
MAIN ST AT IL 59 (HOUGH ST)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2024-1011-TS.I.N.SW	LAKE	71	53
CONTRACT NO. 62U21				
ILLINOIS FED. AID PROJECT				