

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

VARIOUS ROUTES
LT-1 ARTERIAL STREET LIGHTING
SECTION 15-00118-00-LT
PROJECT M-4003(753)
VILLAGE OF SCHAUMBURG
COOK AND DUPAGE COUNTIES
C-91-300-16

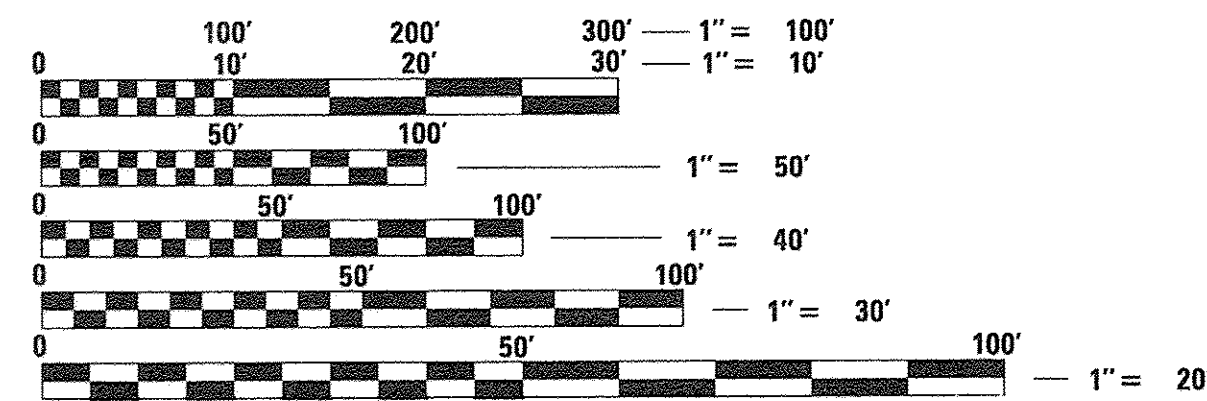


POSTED SPEED

IL 19 (IRVING PARK ROAD) - 35 MPH & 45 MPH
WISE ROAD - 40 MPH
IL 58 (GOLF ROAD) - 45 MPH
IL 62 (ALGONQUIN ROAD) - 40 MPH
MEACHAM ROAD - 45 MPH

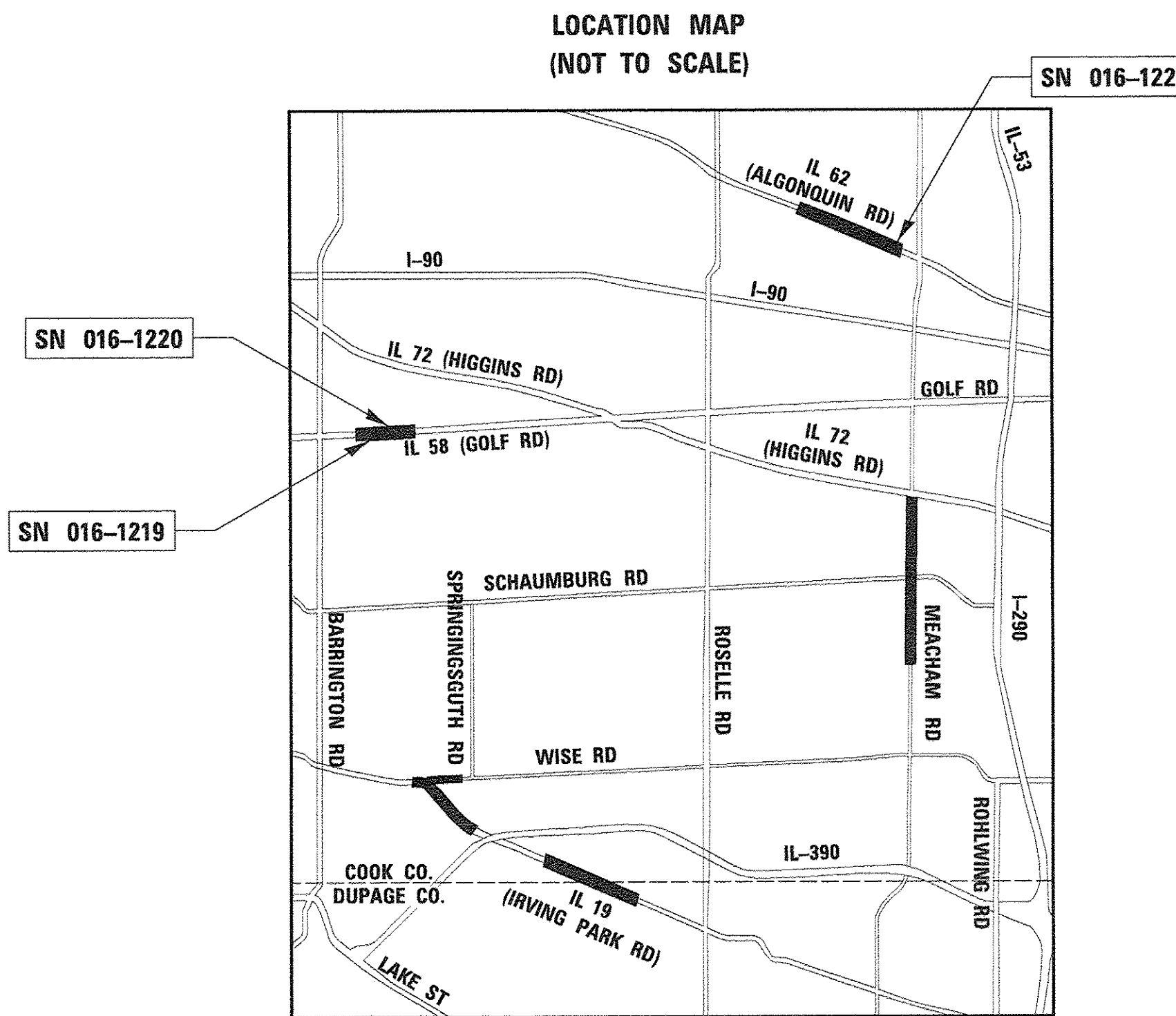
FUNCTIONAL CLASSIFICATION

IL 19 (IRVING PARK ROAD) - MINOR ARTERIAL (ADT = 10,300)
WISE ROAD - MINOR ARTERIAL (ADT = 9,650)
IL 58 (GOLF ROAD) - OTHER PRINCIPAL ARTERIAL (ADT = 39,300)
IL 62 (ALGONQUIN ROAD) - OTHER PRINCIPAL ARTERIAL (ADT = 37,800)
MEACHAM ROAD - MINOR ARTERIAL (ADT = 20,500)



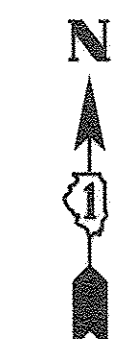
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



GROSS AND NET LENGTHS

IRVING PARK ROAD = 7,683 FT. = 1.46 MILES
WISE ROAD = 2,100 FT. = 0.40 MILES
GOLF ROAD = 3,160 FT. = 0.60 MILES
ALGONQUIN ROAD = 3,680 FT. = 0.70 MILES
MEACHAM ROAD = 7,640 FT. = 1.45 MILES



Derek N. Malin
062-051306
LICENSED PROFESSIONAL ENGINEER
OF ILLINOIS

Derek N. Malin 4/29/16
REGISTERED P.E., STATE OF ILLINOIS
NO. 062-051306; EXPIRES 11-30-2017

CIVILTECH ENGINEERING
184-000826
LS/P/SE
CORPORATION
ILLINOIS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
APPROVED <i>April 29</i> 20 16	DAVID LAWRY, P.E. VILLAGE OF SCHAUMBURG DIRECTOR OF ENGINEERING AND PUBLIC WORKS
PASSED <i>MAY 29</i> 20 16	CHRISTOPHER HOLT DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	<i>May 26</i> 20 16 John Fortmann REGION ONE ENGINEER

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OF THE STATE OF ILLINOIS**

DISTRICT DETAILS

TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS
TC-22 ARTERIAL ROAD INFORMATION SIGN
BE-310 LIGHT POLE FOUNDATION OFFSET

IDOT STANDARDS

- 606001-06 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701101-05 OFF-RD OPERATIONS, MULTI-LANE, 15' TO 24" FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
- 701426-08 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEED > 45 MPH
- 701427-04 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEED < 40 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701502-06 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-05 TRAFFIC CONTROL DEVICES

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

- 1. ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION ON APRIL 1, 2016.
- 2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS"; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED APRIL 1, 2016; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; AND THE "SPECIAL PROVISIONS AND IDOT STANDARD DRAWINGS" INCLUDED IN THE CONTRACT DOCUMENTS.
- 3. ANY REFERENCE TO "STANDARD" THROUGHOUT THE PLANS, SPECIAL PROVISIONS OR THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE LATEST VERSION OF THAT IDOT STANDARD DRAWING.
- 4. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 700 OF THE "STANDARD SPECIFICATIONS".
- 5. ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER. ALL REFERENCES TO "VILLAGE" SHALL BE INTERPRETED TO MEAN THE VILLAGE OF SCHAUMBURG.

LANDSCAPING

- 1. WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SODDED AREAS PRIOR TO FINAL ACCEPTANCE, AT A RATE SPECIFIED BY THE ENGINEER AND IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS" AND SPECIAL PROVISIONS.

MAINTENANCE OF TRAFFIC

- 1. ALL TRAFFIC CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE STANDARDS AND AS DIRECTED BY THE ENGINEER WITH LANE CLOSURES ONLY DURING THE HOURS ALLOWED BY THE SPECIAL PROVISIONS.

UTILITIES

- 1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE, AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF SUCH UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM, IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.31 OF THE "STANDARD SPECIFICATIONS". THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AND THE VILLAGE. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
- 3. COORDINATION OF ANY UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT THE PRECONSTRUCTION CONFERENCE.
- 4. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, WATER, SEWER AND CABLE TELEVISION FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).
- 5. THE CONTRACTOR SHALL RECEIVE NO ADDITIONAL COMPENSATION FOR CONSTRUCTION STAGING NECESSARY TO ACCOMMODATE UTILITY RELOCATION OR ADJUSTMENT, AND/OR FOR DELAYS CAUSED BY UTILITY RELOCATION OR ADJUSTMENT.
- 6. COMED CONTACTS: TRACY WASH - GENERAL SERVICE REPRESENTATIVE 630-691-4691; ERIC JOSTES - FACILITY RELOCATION 630-437-2927

MISCELLANEOUS

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND CONTRACT OR PERMIT BONDS FROM THE VILLAGE OF SCHAUMBURG OR ANY OTHER AGENCY THAT REQUIRES IT. ANY COSTS INCURRED BY THE CONTRACTOR WILL BE INCLUDED IN THE COST OF MOBILIZATION.
- 2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- 3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER PRIOR TO INSTALLATION OF LIGHTING FOUNDATIONS.
- 4. ANY DAMAGE TO PAVEMENT, SIDEWALK, CURB, OR ANY OTHER PORTION OF THE ROADWAY NOT SPECIFICALLY TO BE REMOVED AND REPLACED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST AND REPLACEMENT SHALL MEET THE APPROVAL OF THE ENGINEER.
- 5. OFFSET CALL-OFFS ARE FROM THE CENTER OF POLES TO EDGE OF PAVEMENT (E.O.P.).
- 6. THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION (4 HOURS OR LESS). THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF MOBILIZATION.
- 7. THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR AT 1-847-705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 8. PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, ANY WORK IS NOT REQUIRED, THAT ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 9. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL CODES, ORDINANCES AND REGULATIONS CONCERNING MAINTENANCE OF TRAFFIC.
- 10. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE ANY LIGHT STANDARD IS ERECTED.
- 11. THE INSTALLATION OF BURIED WARNING TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER.
- 12. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY ENGINEER.
- 13. EXISTING LIGHTING WILL REMAIN OPERATIONAL UNTIL THE PROPOSED LIGHTING IS INSTALLED AND OPERATIONAL. TRANSITION OF EXISTING LIGHTING TO PROPOSED LIGHTING SYSTEM WILL BE COORDINATED AND COMPLETED ON THE SAME DAY WITHOUT ANY INTERRUPTION OF OPERATION FOR THAT SAME EVENING.
- 14. METHOD OF INSTALLATION OF PROPOSED UNDERGROUND CABLE, UNIT DUCT AND CONDUIT SHALL BE BORED OR PULLED.
- 15. ANY AND ALL WORK REQUIRED TO RUN THE PROPOSED UNIT DUCT INTO EXISTING FOUNDATION SLEEVE AND SPLICING IN EXISTING POLE SHALL BE COVERED AND INCLUDED IN THE PAY ITEM FOR THE UNIT DUCT.
- 16. NO UNDERGROUND SPLICING ALLOWED.
- 17. ALL LIGHT POLE FOUNDATIONS WILL BE METAL UNLESS OTHERWISE NOTED AS OFFSET FOUNDATION.
- 18. OFFSET FOUNDATIONS SHOWN IN THE PLANS ARE ESTIMATED. IF IN THE FIELD AN OFFSET FOUNDATION IS NOT NEEDED AND WITH THE APPROVAL OF THE RESIDENT ENGINEER, A LIGHT POLE FOUNDATION METAL SHALL BE USED. CONTRACTOR WILL BE PAID FOR FOUNDATION TYPE INSTALLED WITH NO ADDITIONAL COMPENSATION FOR CHANGE FROM CONTRACT PLANS.
- 19. UNIT DUCT SHOWN IN THE PLANS DO NOT REPRESENT ACTUAL PLACEMENT OR LOCATION OF THE UNIT DUCT. PREFERRED LOCATION OF UNIT DUCT IS 12 INCHES OFF BACK OF CURB AND IN NO CASE SHALL IT BE CLOSER THEN 12 INCHES. LOCATIONS GREATER THEN 12 INCHES BASED ON FIELD CONDITIONS WILL BE APPROVED BY THE ENGINEER.
- 20. FOR ALL CONCRETE FOUNDATIONS, A MINIMUM OF 2 SLEEVES SHALL BE PROVIDED REGARDLESS OF WHAT IS BEING INSTALLED. THE SLEEVES SHALL BE SEALED AND CAPPED TO PREVENT MOISTURE OR CONTAMINANTS. MATERIAL AND LABOR WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE PAY ITEM FOR LIGHT POLE FOUNDATION.

COOK COUNTY

- 1. CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUITS, FIBER CABLES AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUITS, CABLES AND/OR EQUIPMENT IS DAMAGED, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUITS, CABLES AND/OR EQUIPMENT AT NO COST TO THE COUNTY.
- 2. THE COUNTY IS NOT PART OF JULIE FOR LOCATION OF TRAFFIC SIGNAL EQUIPMENT, CONTACT THE MECHANICAL, ELECTRICAL, ARCHITECTURAL AND LANDSCAPING DIVISION AT 312-603-1730.
- 3. FOR THE LOCATION OF UNDERGROUND COUNTY MAINTAINED FACILITIES, SEE COUNTY SPECIAL PROVISION "TRAFFIC SIGNAL WORK GENERAL".

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET AND STATE STANDARDS
2	GENERAL NOTES AND LEGEND
3 - 6	SUMMARY OF QUANTITIES
7 - 10	ALIGNMENTS
11 - 41	LIGHTING PLANS
42 - 46	LIGHTING WIRING DIAGRAMS
47 - 52	LIGHTING DETAILS
53 - 64	TRAFFIC SIGNAL PLANS REFERENCE ONLY

CCDD REPORTS

- 1. THOSE SEEKING THE FULL CCDD REPORTS SHOULD CONTACT THE OWNER OF RECORD. TO MAKE ARRANGEMENTS FOR ACCESS TO THIS INFORMATION, PLEASE CONTACT:
MICHAEL LITWIN, P.E.
SENIOR CIVIL ENGINEER
VILLAGE OF SCHAUMBURG
847-923-6654

LEGEND

	EXISTING LIGHTING UNIT, HPS
	PROPOSED LIGHTING UNIT LUMINAIRE INSTALLATION, TYPE 2 224 WATT LED, 240V (PHASE TO NEUTRAL), 10' MAST ARM, 47.5' MH
	PROPOSED LIGHTING UNIT LUMINAIRE INSTALLATION, TYPE 2 224 WATT LED, 240V (PHASE TO NEUTRAL), 12' MAST ARM, 47.5' MH
	PROPOSED LIGHTING UNIT LUMINAIRE INSTALLATION, TYPE 3 224 WATT LED, 240V (PHASE TO NEUTRAL), 15' MAST ARM, 47.5' MH
	PROPOSED LIGHTING UNIT LUMINAIRE INSTALLATION, TYPE 2 224 WATT LED, 240V (PHASE TO NEUTRAL), 10' MAST ARM, 40' MH
	PROPOSED LIGHTING UNIT LUMINAIRE INSTALLATION, TYPE 1 138 WATT LED, 240V (PHASE TO NEUTRAL), 10' MAST ARM, 30' MH
	PROPOSED LUMINAIRE AND MAST ARM ON EXISTING POLE LUMINAIRE INSTALLATION, TYPE 2 224 WATT LED, 240V (PHASE TO NEUTRAL), MAST ARM ALUMINUM, 10 FT.
	PROPOSED LUMINAIRE ON EXISTING MAST ARM AND POLE LUMINAIRE INSTALLATION, TYPE 2 224 WATT LED, 240V (PHASE TO NEUTRAL) EXISTING 15' MAST ARM, 47.5' MH
	PROPOSED LUMINAIRE ON EXISTING MAST ARM AND POLE LUMINAIRE INSTALLATION, TYPE 1 138 WATT LED, 240V (PHASE TO NEUTRAL)
	UNIT DUCT (SIZE AND TYPE AS SPECIFIED IN THE PLANS)
	UNDERGROUND CONDUIT, GALVANIZED STEEL (SIZE AS SPECIFIED)
	PROPOSED LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 100 AMP
	REMOVE ELECTRIC CABLE FROM CONDUIT
	REMOVAL OF LIGHTING UNIT, SALVAGE

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DRAWN - SJC	REVISED -
CHECKED - DNM	REVISED -
DATE - 08/08/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	2
				CONTRACT NO. 61D03
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

CONSTRUCTION CODES																		
STP URBAN FUNDING																		
80% FEDERAL / 20% LOCAL																		100 % LOCAL

CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	WISE ROAD			IRVING PARK ROAD			GOLF ROAD			MEACHAM ROAD			ALGONQUIN ROAD			NON-PARTICIPATING 0021
				SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2687		120			731			267			1048			521		
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	36		2			10			4			13			7		
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	36		2			10			4			13			7		
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	36		2			10			4			13			7		
* 25200100	SODDING	SQ YD	2687		120			731			267			1048			521		
* 25200200	SUPPLEMENTAL WATERING	UNIT	42		2			11			5			16			8		
* 42001300	PROTECTIVE COAT	SQ YD	335				6			20			242			67			
* 42400800	DETECTABLE WARNINGS	SQ FT	45										45						
* 44000500	COMBINATION CURB AND GUTTER REMOVAL	FT	55										55						
* 44000600	SIDEWALK REMOVAL	SQ FT	1231				50			173			408			600			
* 60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FT	55										55						
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	35				11			2						22			
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1				0.3			0.1						0.6			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5				2			1						2			
67100100	MOBILIZATION	LSUM	1	0.2			0.2			0.2			0.2			0.2			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	0.17			0.33			0.17			0.17			0.17			
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	LSUM	1	0.17			0.33			0.17			0.17			0.17			
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1	0.17			0.33			0.17			0.17			0.17			
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	LSUM	1	0.17			0.33			0.17			0.17			0.17			

*THIS DESIGNATES SPECIALTY ITEMS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	3
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

				CONSTRUCTION CODES															
				STP URBAN FUNDING															
				80% FEDERAL / 20% LOCAL															100 % LOCAL
CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	WISE ROAD			IRVING PARK ROAD			GOLF ROAD			MEACHAM ROAD			ALGONQUIN ROAD			NON-PARTICIPATING 0021
				SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	0.17			0.33			0.17			0.17			0.17			
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	0.17			0.33			0.17			0.17			0.17			
72000100	SIGN PANEL - TYPE 1	SQ FT	1										1						
80400100	ELECTRIC SERVICE INSTALLATION	EACH	6				2			1			2			1			
80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1				0.33			0.17			0.33			0.17			
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	1200				400			200			400			200			
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	5585	380			1665			440			1950			1150			
81603032	UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	92													92			
81603047	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	38007	1318			10686			6143			13086			6774			
81603090	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	655										655						
81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	1260				420			210			420			210			
82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100 AMP	EACH	6				2			1			2			1			
83006400	LIGHT POLE, ALUMINUM, 30 FT. M.H., 10 FT. MAST ARM	EACH	4				1			1			1			1			
83008400	LIGHT POLE, ALUMINUM, 40 FT. M.H., 10 FT. MAST ARM	EACH	38	9			29												
83050770	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 10 FT. MAST ARM	EACH	90				28						30			32			
83050800	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. MAST ARM	EACH	41							25			16						
83050810	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	1										1						
83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" x 6"	EACH	4				1			1			1			1			

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PLOT DATE = 8/18/2016	DATE - 08/08/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

VILLAGE OF SCHAUMBURG LT-1 ARTERIAL LIGHTING			
SCALE:	SHEET	OF	SHEETS
		STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	4
CONTRACT NO. 61D03			ILLINOIS FED. AID PROJECT	

SCHEDULE OF QUANTITIES

				CONSTRUCTION CODES															
				STP URBAN FUNDING															
				80% FEDERAL / 20% LOCAL														100 % LOCAL	
CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	WISE ROAD			IRVING PARK ROAD			GOLF ROAD			MEACHAM ROAD			ALGONQUIN ROAD			NON-PARTICIPATING 0021
				SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	
83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" x 6'	EACH	38	9			29												
83600365	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 10" x 8'	EACH	132				28		25				47				32		
83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	4				1		1				1				1		
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	170	9			57		25				47				32		
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	15						14				1						
84200804	REMOVAL OF POLE FOUNDATION	EACH	12						12										
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	17154										17154						
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	0.17			0.33		0.17				0.17				0.17		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	257	51.4			51.4		51.4				51.4				51.4		
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	10	2			2		2				2				2		
Z0076600	TRAINEES	HOUR	500				83.3		166.7				83.3				83.3		83.3
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500				83.3		166.7				83.3				83.3		83.3
X0322708	REMOVE EXISTING STREET LIGHTING EQUIPMENT	EACH	16	6									10						
* X0327036	BIKE PATH REMOVAL	SQ YD	291										291.0						
* X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	2857				50		173				2034				600		
X8301040	MAST ARM, ALUMINUM, 10 FT.	EACH	16	6									10						
X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	312	36			48						96				132		
X8380075	BREAKAWAY DEVICE, TRANSFORMER BASE, SPECIAL	EACH	1										1						

* SPECIALTY ITEMS

PLOT DRIVER = #PLTDVIL\$
PEN TABLE = #PENTBL\$
FILE NAME = ...2134...Sum Quant...3.dgn



USER NAME = s.jc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1" =	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	5
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

				CONSTRUCTION CODES															
				STP URBAN FUNDING															
				80% FEDERAL / 20% LOCAL															100 % LOCAL
CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	WISE ROAD			IRVING PARK ROAD			GOLF ROAD			MEACHAM ROAD			ALGONQUIN ROAD			NON-PARTICIPATING 0021
				SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	SAFETY 0021	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 0031	TRANIEES 0042	
XX008068	LUMINAIRE INSTALLATION, TYPE 1	EACH	5				2			1			1			1			
XX008069	LUMINAIRE INSTALLATION, TYPE 2	EACH	189	15			57			25			60			32			
XX009148	LUMINAIRE INSTALLATION, TYPE 3	EACH	1										1						
XX008736	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM, PAINTED	EACH	1										1						
XX009090	REMOVAL OF EXISTING LUMINAIRE, SALVAGE	EACH	21	6			1						14						
X8300640	LIGHT POLE, ALUMINUM, 30 FT. M.H., 10 FT. MAST ARM (MATERIAL ONLY)	EACH	1																1
X8300840	LIGHT POLE, ALUMINUM, 40 FT. M.H., 10 FT. MAST ARM (MATERIAL ONLY)	EACH	1																1
X8305077	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 10 FT. MAST ARM (MATERIAL ONLY)	EACH	1																1
X8305080	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. MAST ARM (MATERIAL ONLY)	EACH	1																1
X8360035	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" x 6" (MATERIAL ONLY)	EACH	1																1
X8360356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" x 6" (MATERIAL ONLY)	EACH	1																1
X8360036	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 10" x 8" (MATERIAL ONLY)	EACH	2																2
X8380105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE (MATERIAL ONLY)	EACH	1																1
X8380205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE (MATERIAL ONLY)	EACH	3																3
XX009149	LUMINAIRE INSTALLATION, TYPE 1 (MATERIAL ONLY)	EACH	1																1
XX009150	LUMINAIRE INSTALLATION, TYPE 2 (MATERIAL ONLY)	EACH	3																3

PLOT DRIVER = \$PLTDVIL\$
 PEN TABLE = \$PENIBLL\$
 FILE NAME = ...2124_Sum_Quant-4.dgn



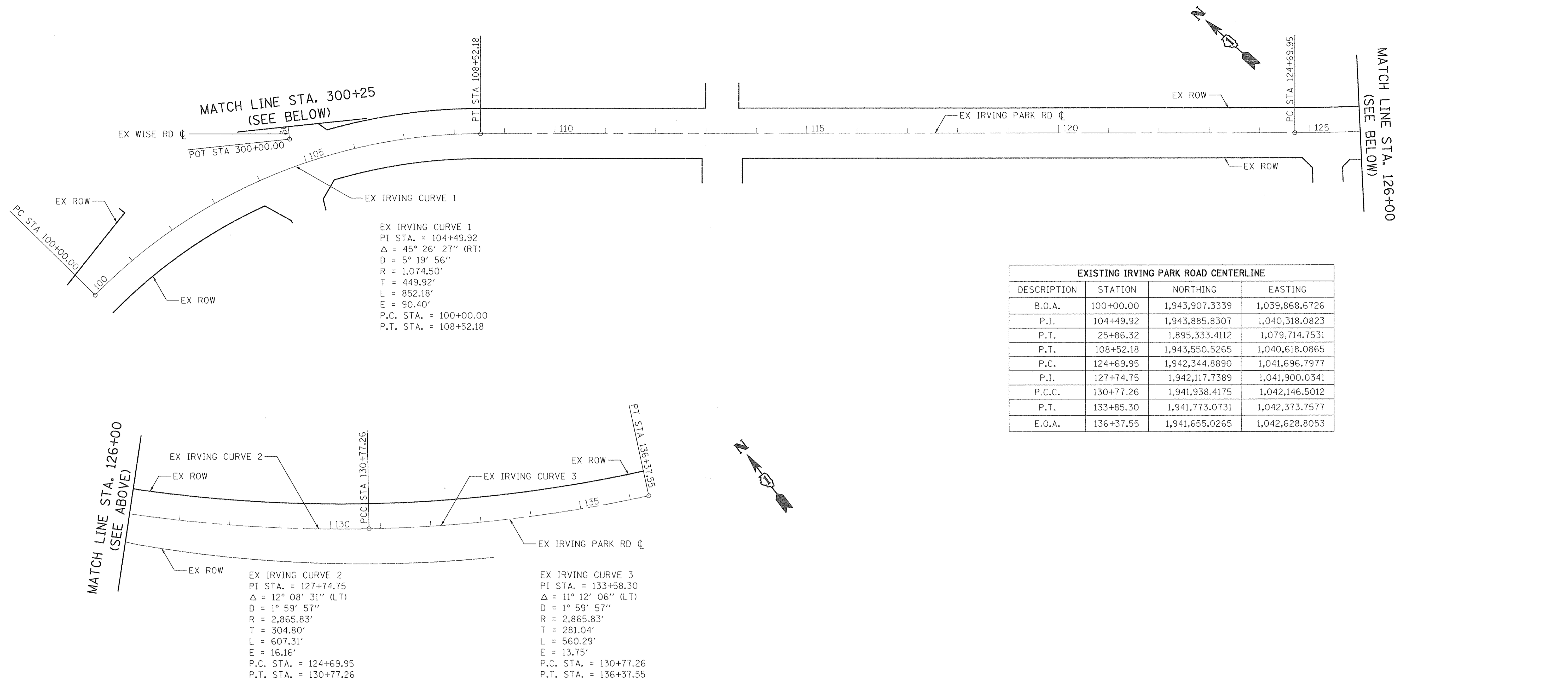
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PLOT SCALE = 20.0000' / 1in.	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

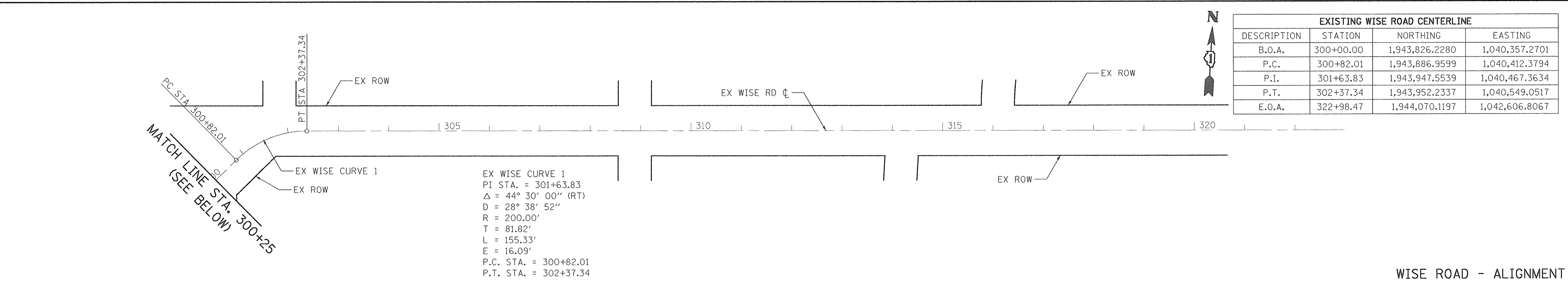
VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	6
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



IRVING PARK ROAD - ALIGNMENT



WISE ROAD - ALIGNMENT

PLOT DRIVER = #PLTDRVL\$
 PLOT TABLE = #PENTBLLS\$
 FILE NAME = ...\\server\2016-11-18\2016-11-18-11-18-11-18.dgn



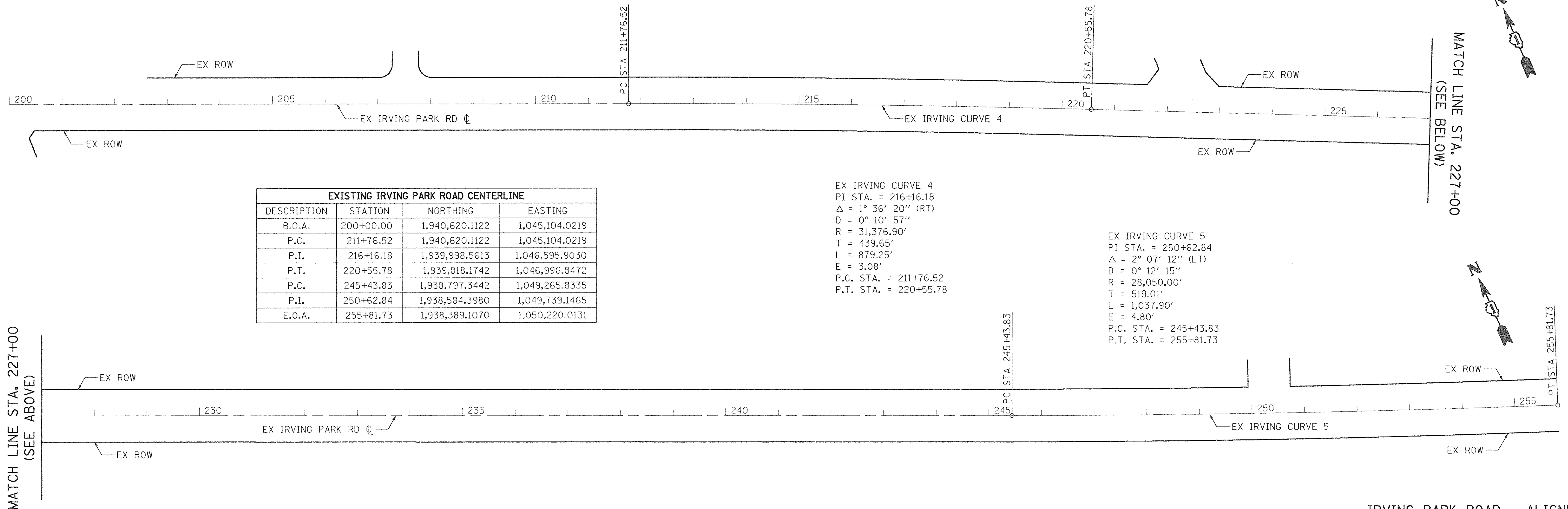
USER NAME = a_jc	DESIGNED - SJC	REVISED -
PLOT SCALE = 1/8" = 1' - 0"	DRAWN - NEM	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - #DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	7
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



EXISTING IRVING PARK ROAD CENTERLINE			
DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	200+00.00	1,940,620.1122	1,045,104.0219
P.C.	211+76.52	1,940,620.1122	1,045,104.0219
P.I.	216+16.18	1,939,998.5613	1,046,595.9030
P.T.	220+55.78	1,939,818.1742	1,046,996.8472
P.C.	245+43.83	1,938,797.3442	1,049,265.8335
P.I.	250+62.84	1,938,584.3980	1,049,739.1465
E.O.A.	255+81.73	1,938,389.1070	1,050,220.0131

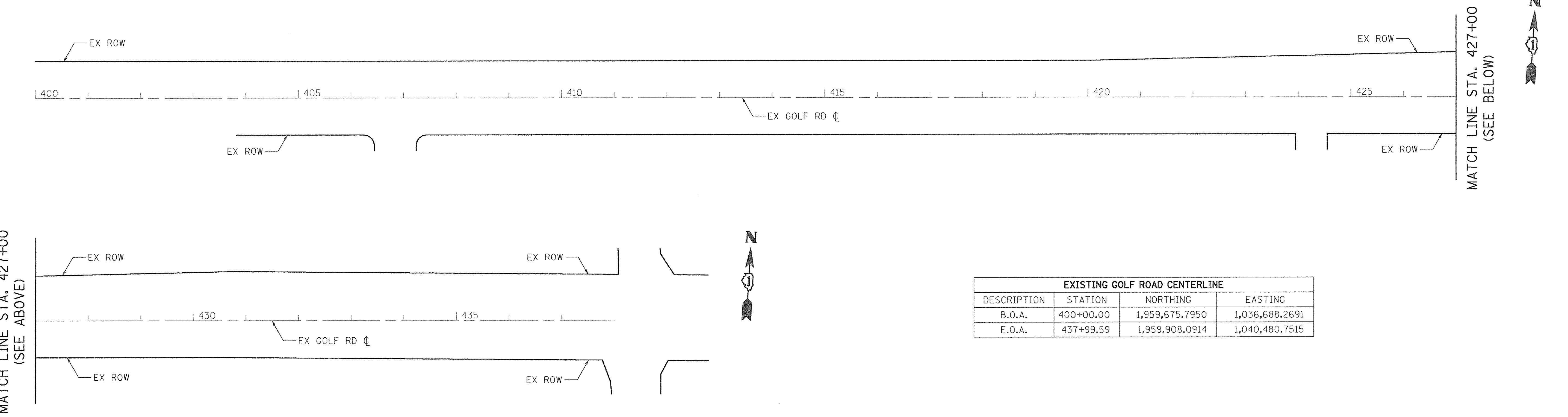
EX IRVING CURVE 4
 PI STA. = 216+16.18
 $\Delta = 1^\circ 36' 20''$ (RT)
 $D = 0^\circ 10' 57''$
 $R = 31,376.90'$
 $T = 439.65'$
 $L = 879.25'$
 $E = 3.08'$
 P.C. STA. = 211+76.52
 P.T. STA. = 220+55.78

EX IRVING CURVE 5
 PI STA. = 250+62.84
 $\Delta = 2^\circ 07' 12''$ (LT)
 $D = 0^\circ 12' 15''$
 $R = 28,050.00'$
 $T = 519.01'$
 $L = 1,037.90'$
 $E = 4.80'$
 P.C. STA. = 245+43.83
 P.T. STA. = 255+81.73

MATCH LINE STA. 227+00
(SEE ABOVE)

MATCH LINE STA. 227+00
(SEE BELOW)

IRVING PARK ROAD - ALIGNMENT



EXISTING GOLF ROAD CENTERLINE			
DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	400+00.00	1,959,675.7950	1,036,688.2691
E.O.A.	437+99.59	1,959,908.0914	1,040,480.7515

MATCH LINE STA. 427+00
(SEE ABOVE)

MATCH LINE STA. 427+00
(SEE BELOW)

GOLF ROAD - ALIGNMENT

PLOT DRIVER = \$PLTDIVL\$
 PEN TABLE = \$PENTBL\$
 FILE NAME = ...\\share\02-A1B\0204-A1B_2.dgn



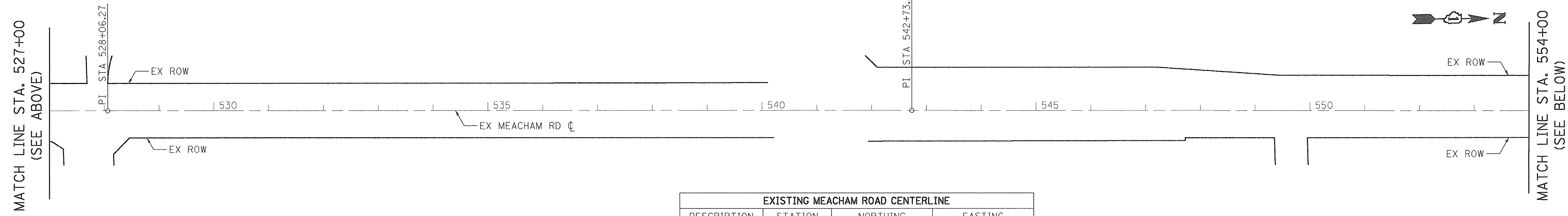
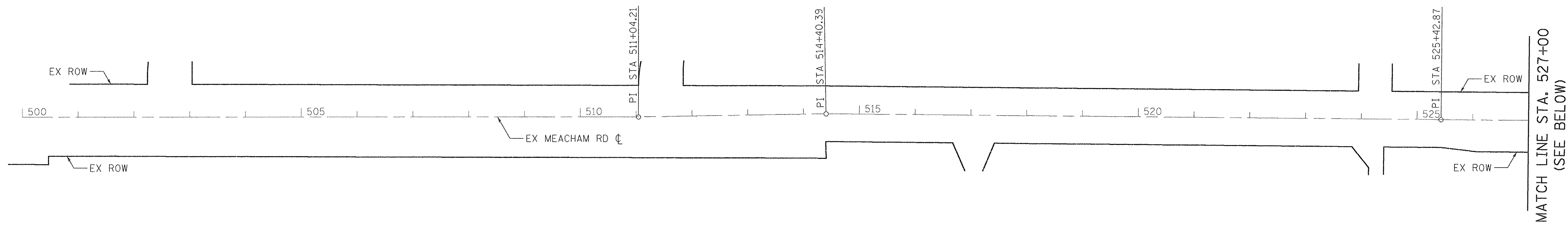
USER NAME = eje	DESIGNED - SJC	REVISED -
PLOT SCALE = 100.0000' / 1" =	DRAWN - NEM	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - \$DATE	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

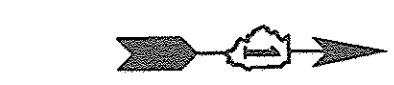
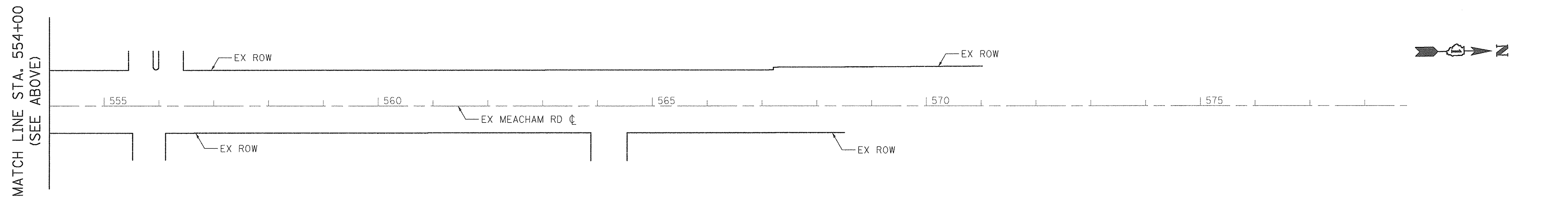
VILLAGE OF SCHAUMBURG
 LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	8
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



EXISTING MEACHAM ROAD CENTERLINE			
DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	500+00.00	1,949,050.0495	1,062,406.6952
P.I.	511+04.21	1,950,154.2572	1,062,408.9736
P.I.	514+40.39	1,950,490.3963	1,062,403.9162
P.I.	525+42.87	1,951,592.8063	1,062,416.8703
P.I.	528+06.27	1,951,856.1829	1,062,419.8268
P.I.	542+73.32	1,953,323.1369	1,062,437.0646
E.O.A.	578+76.89	1,956,926.4145	1,062,482.7530



MEACHAM ROAD - ALIGNMENT

PLOT DRIVER = #PLTDRVL\$
 PLOT TABLE = #PENTBL\$
 FILE NAME = ...\\Pentax\K25-AT8\2504-AT8_3.dgn



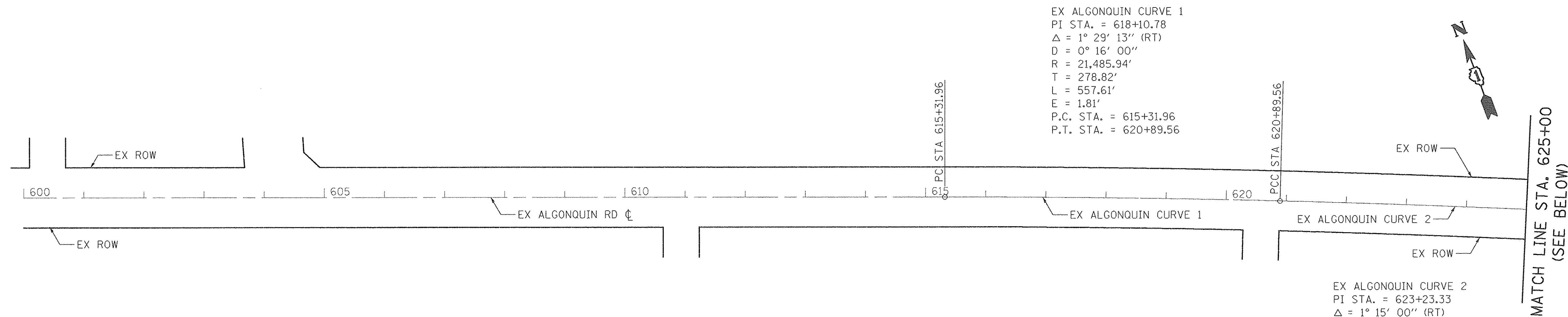
USER NAME = #JC	DESIGNED - SJC	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - NEM	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - #DATE	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
 LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

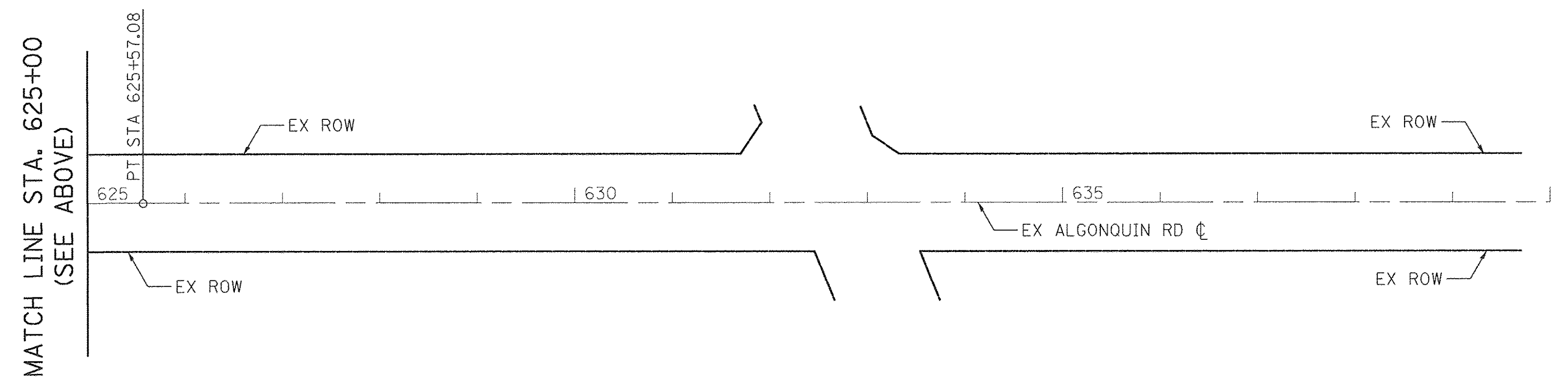
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	9
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



EX ALGONQUIN CURVE 1
 PI STA. = 618+10.78
 $\Delta = 1^\circ 29' 13''$ (RT)
 D = $0^\circ 16' 00''$
 R = 21,485.94'
 T = 278.82'
 L = 557.61'
 E = 1.81'
 P.C. STA. = 615+31.96
 P.T. STA. = 620+89.56

EX ALGONQUIN CURVE 2
 PI STA. = 623+23.33
 $\Delta = 1^\circ 15' 00''$ (RT)
 D = $0^\circ 16' 03''$
 R = 21,429.84'
 T = 233.76'
 L = 467.51'
 E = 1.27'
 P.C. STA. = 620+89.56
 P.T. STA. = 625+57.08

EXISTING ALGONQUIN ROAD CENTERLINE			
DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	600+00.00	1,969,980.3774	1,057,163.8557
P.C.	615+31.96	1,969,441.3220	1,058,597.8388
P.I.	618+10.78	1,969,343.2124	1,058,858.8277
P.C.C.	620+89.56	1,969,238.3633	1,059,117.1829
P.I.	623+23.33	1,951,856.1829	1,059,333.7898
P.T.	625+57.08	1,969,057.8467	1,059,548.4275
E.O.A.	640+00.00	1,968,486.2051	1,060,873.2879



PLOT DRIVER = e:\PLOTDRVL.s
 PEN TABLE = e:\PENIBLL.s
 FILE NAME = ...\\schaumburg\2016\15-00118-00-LT\2016-15-00118-00-LT.dgn



USER NAME = eje	DESIGNED - SJC	REVISED -
PLOT SCALE = 1/8" = 1' / 1"	DRAWN - NEM	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - \$DATE	REVISED -

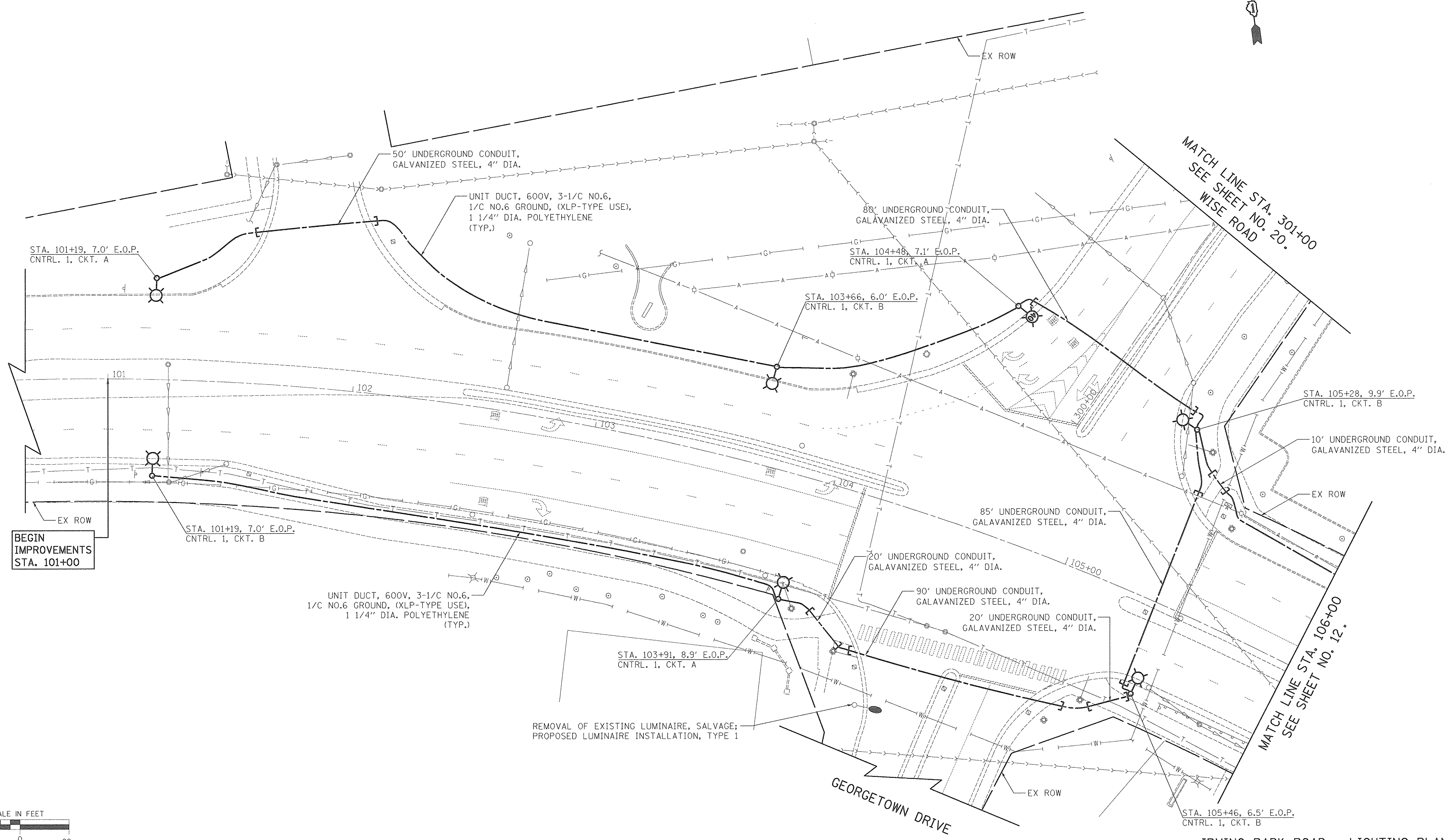
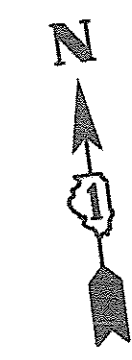
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
 LT-1 ARTERIAL LIGHTING**

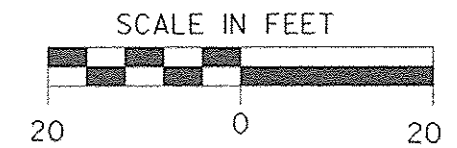
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	10
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				

ALGONQUIN ROAD - ALIGNMENT



BEGIN IMPROVEMENTS STA. 101+00



PLOT DRIVER = \$PLTDVLS
 PEN TABLE = \$PENTBL\$
 FILE NAME = ...\\2939\shl-1\181-irving Park.dgn



USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

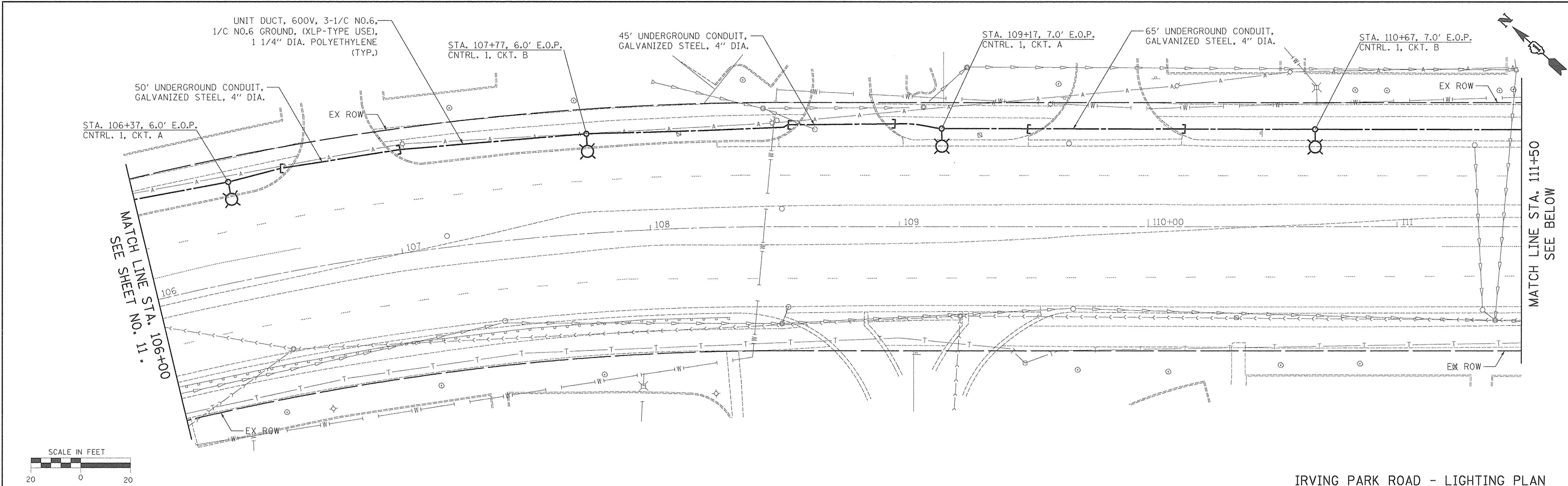
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

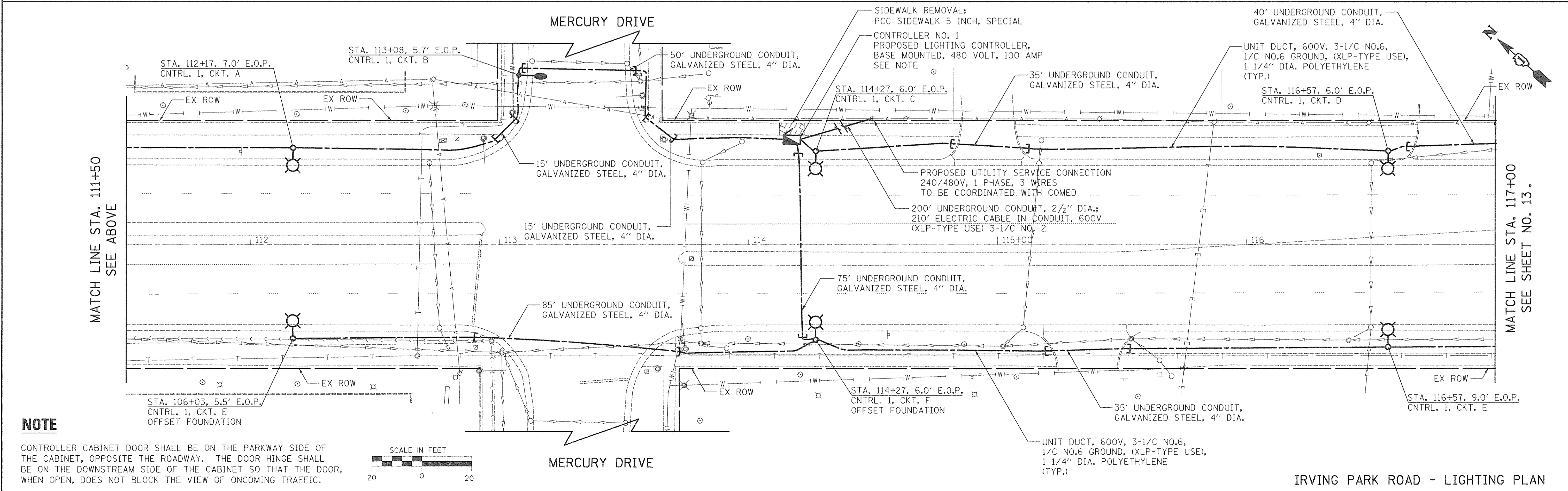
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	11
CONTRACT NO. 61D03			ILLINOIS FED. AID PROJECT	

IRVING PARK ROAD - LIGHTING PLAN

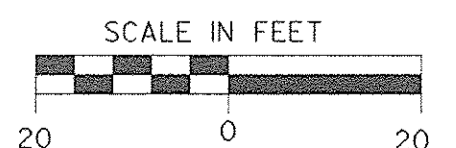


IRVING PARK ROAD - LIGHTING PLAN



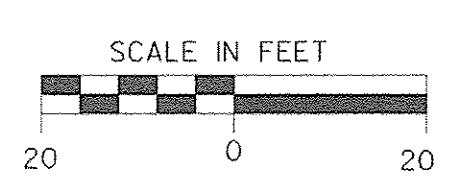
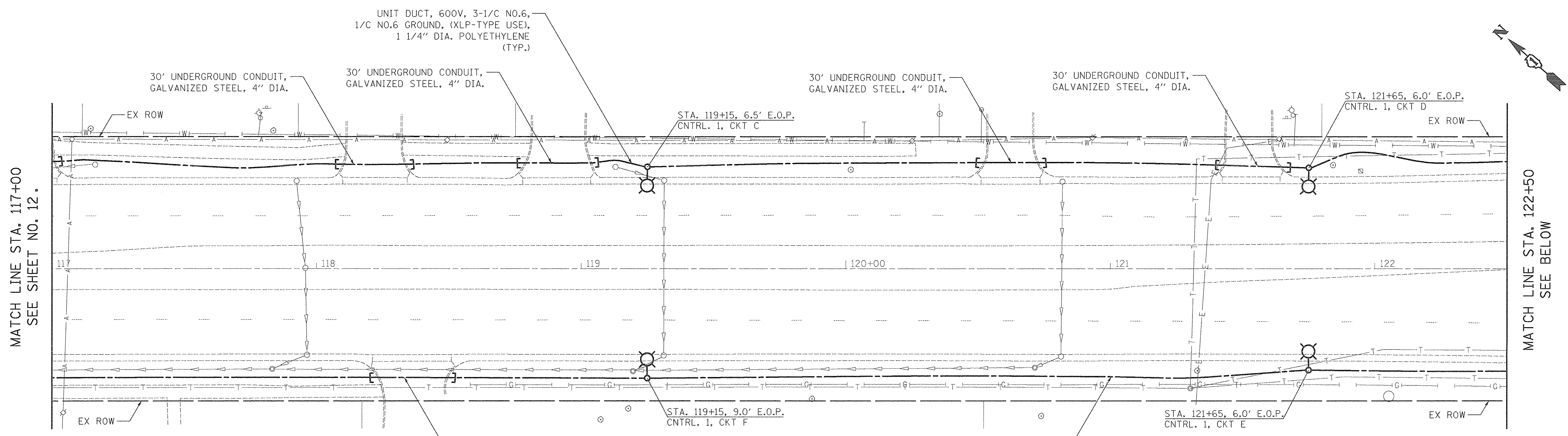
IRVING PARK ROAD - LIGHTING PLAN

NOTE
 CONTROLLER CABINET DOOR SHALL BE ON THE PARKWAY SIDE OF THE CABINET, OPPOSITE THE ROADWAY. THE DOOR HINGE SHALL BE ON THE DOWNSTREAM SIDE OF THE CABINET SO THAT THE DOOR, WHEN OPEN, DOES NOT BLOCK THE VIEW OF ONCOMING TRAFFIC.

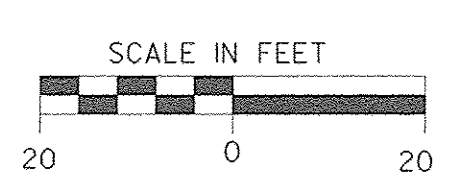
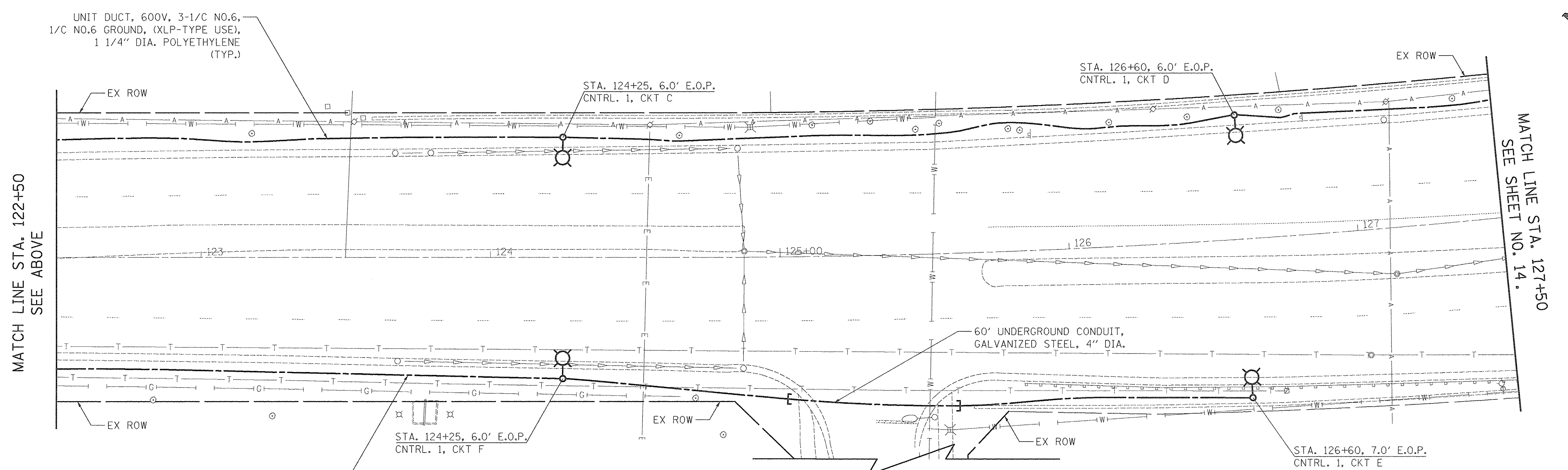


PLOT DRIVER = \$PLTOPVL\$
 PEN TABLE = \$PENIBLL\$
 FILE NAME = ...\\V9999...\\102-irving Park.dgn

	USER NAME = sjc	DESIGNED - SJC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VILLAGE OF SCHAUMBURG LT-1 ARTERIAL LIGHTING				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000' / 1"	CHECKED - DNM	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	15-00118-00-LT	COOK/DUPAGE
	PLOT DATE = 8/18/2016	DATE - 08/08/2016	REVISED -						CONTRACT NO. 61D03 ILLINOIS FED. AID PROJECT				



IRVING PARK ROAD - LIGHTING PLAN



IRVING PARK ROAD - LIGHTING PLAN

PLOT DRIVER = 8/11/2016
 PEN TABLE = 8/11/2016
 FILE NAME = \\X2834\sh\11703-1\Irving Park.kwdgn



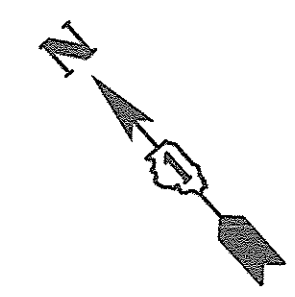
USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

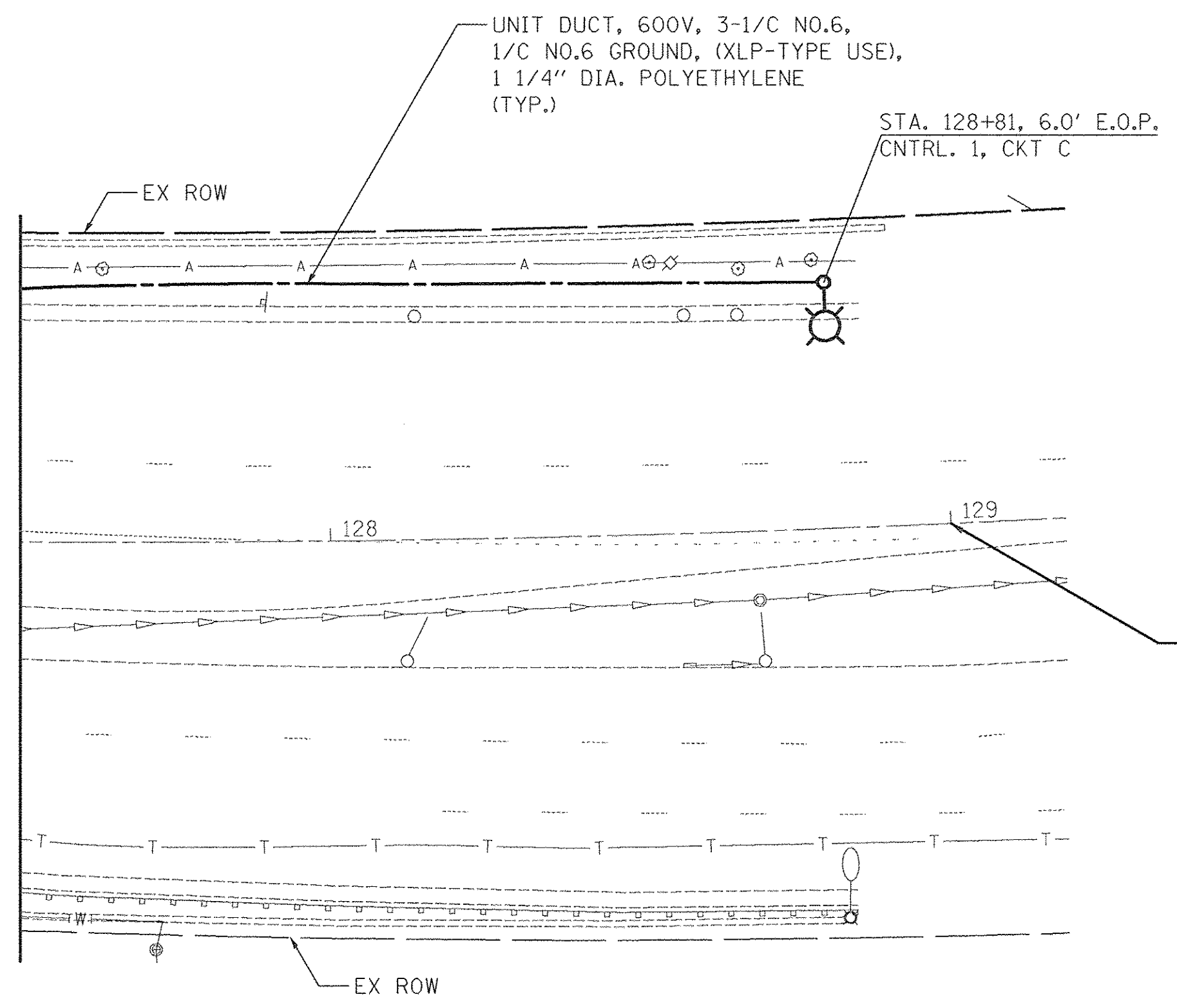
VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

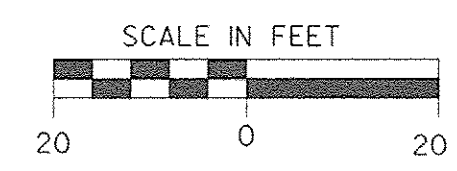
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	13
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 127+50
SEE SHEET NO. 13.



END
IMPROVEMENTS
STA. 129+00



IRVING PARK ROAD - LIGHTING PLAN

PLOT DRIVER = \$PLTDRVL\$
PEN TABLE = \$PENBL\$
FILE NAME = ..\2934.sht..129-Irving Park.dgn



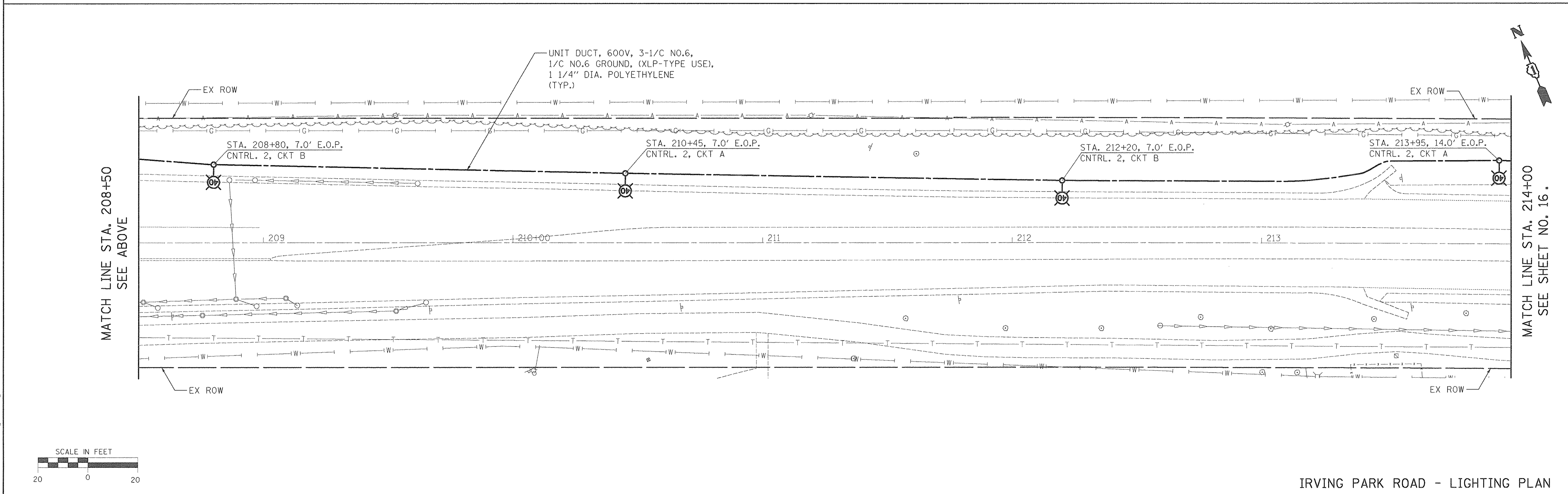
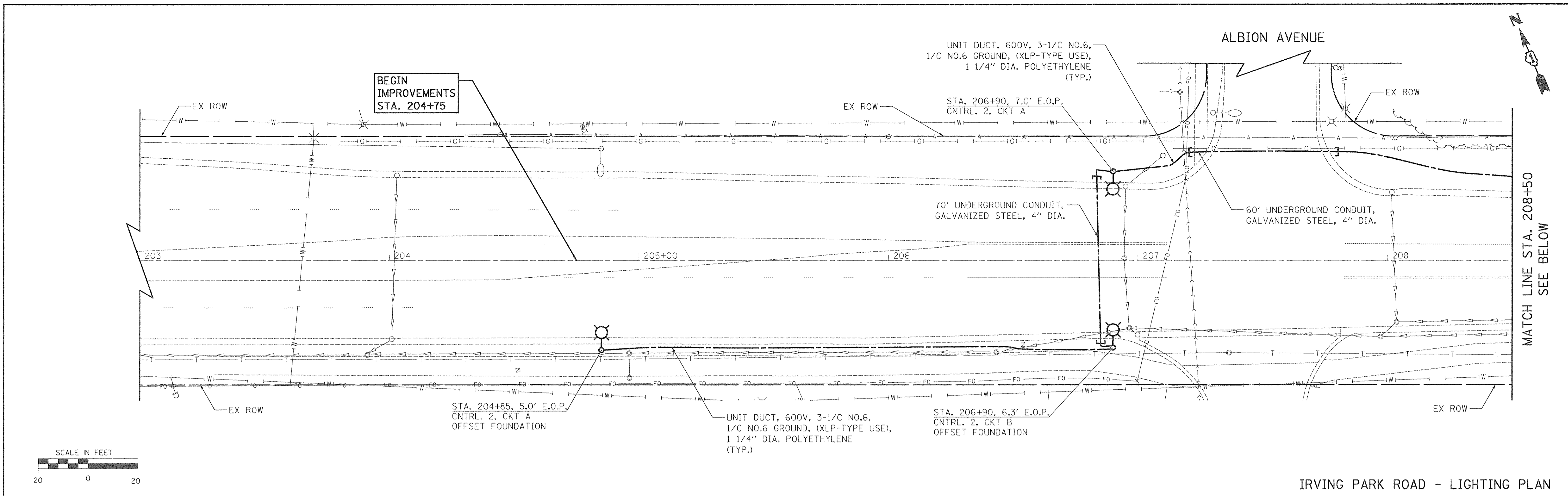
USER NAME = sjc	DESIGNED - SJC	REVISED -
	DRAWN - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - DNM	REVISED -
PLOT DATE = 8/18/2016	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	14
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



PLOT DRIVER = \$PLTDRVL\$
 PEN TABLE = \$PENTBL\$
 FILE NAME = ...\2934_sht.L105-Irving Park.dgn



USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1" =	DRAWN - SJC	REVISED -
PLOT DATE = 8/19/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

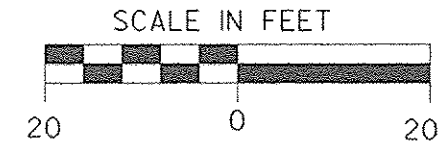
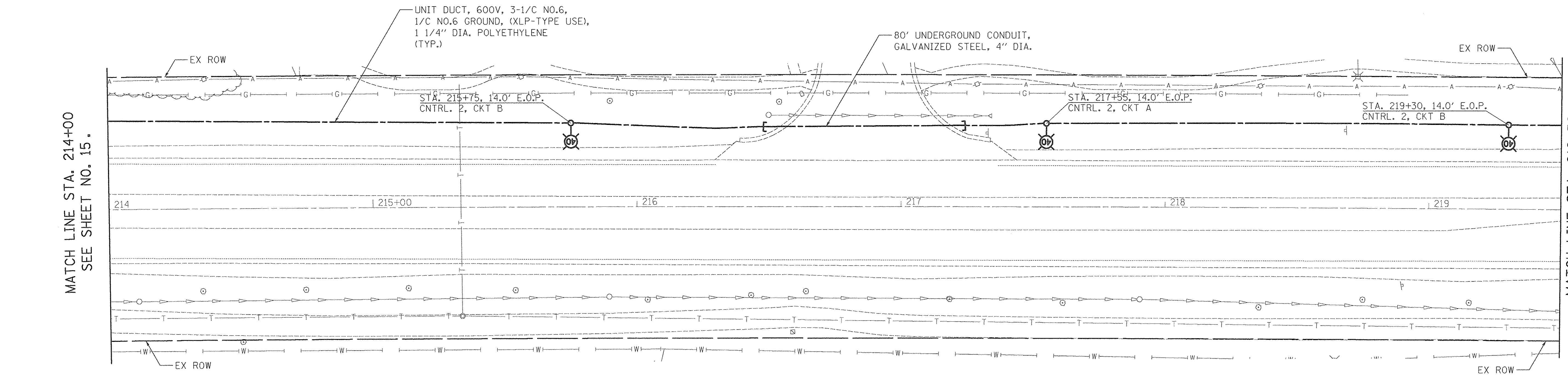
VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	15
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 214+00
SEE SHEET NO. 15.

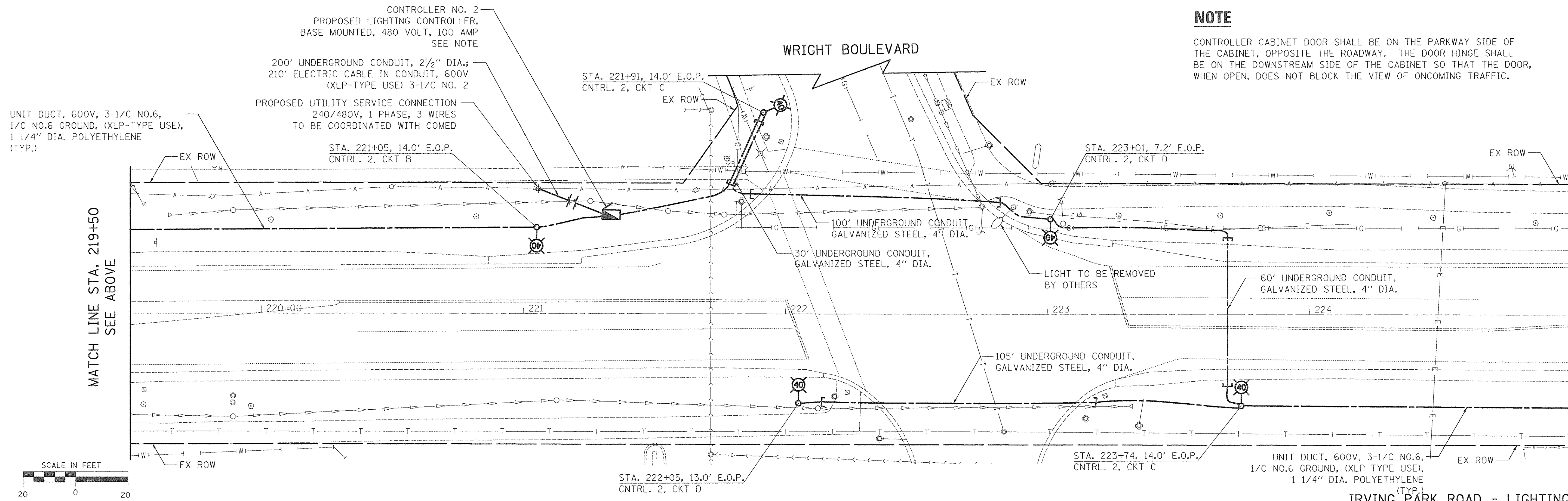
MATCH LINE STA. 219+50
SEE BELOW



IRVING PARK ROAD - LIGHTING PLAN

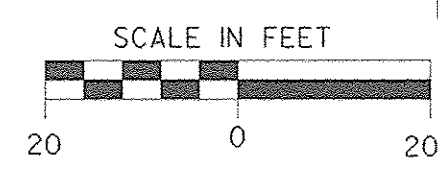
MATCH LINE STA. 219+50
SEE ABOVE

MATCH LINE STA. 225+00
SEE SHEET NO. 17.



NOTE

CONTROLLER CABINET DOOR SHALL BE ON THE PARKWAY SIDE OF THE CABINET, OPPOSITE THE ROADWAY. THE DOOR HINGE SHALL BE ON THE DOWNSTREAM SIDE OF THE CABINET SO THAT THE DOOR, WHEN OPEN, DOES NOT BLOCK THE VIEW OF ONCOMING TRAFFIC.



IRVING PARK ROAD - LIGHTING PLAN

PLOT DRIVER = SJA TORVILS
 PEN TABLE = SPENTRIL
 FILE NAME = \\20334.spt\11706-1rving_Park.dwg



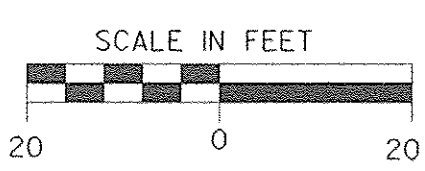
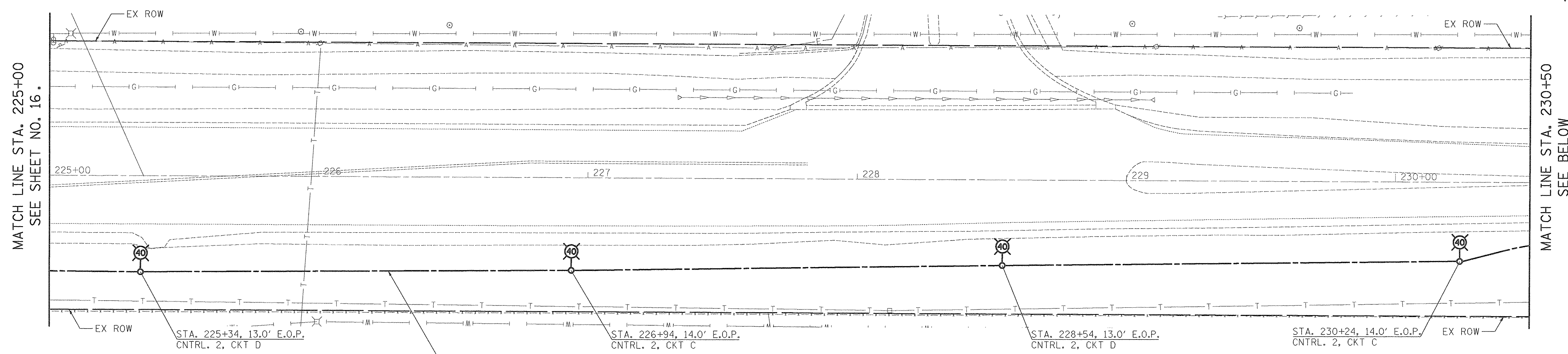
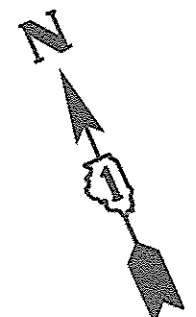
USER NAME = sja	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

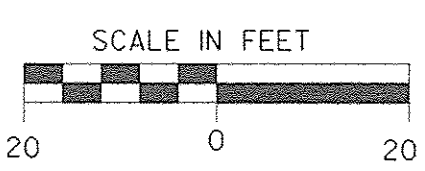
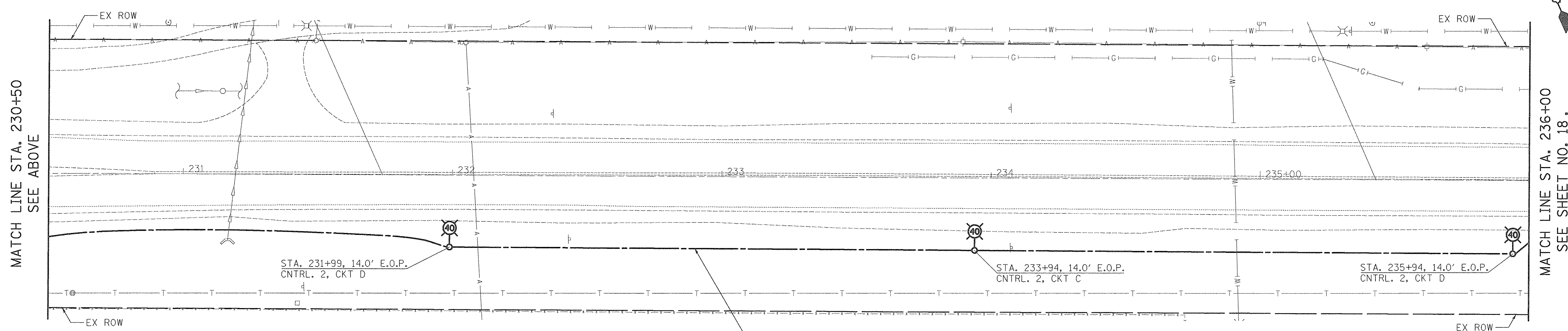
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	16
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



UNIT DUCT, 600V, 3-1/C NO.6,
1/C NO.6 GROUND, (XLP-TYPE USE),
1 1/4" DIA. POLYETHYLENE
(TYP.)

IRVING PARK ROAD - LIGHTING PLAN



UNIT DUCT, 600V, 3-1/C NO.6,
1/C NO.6 GROUND, (XLP-TYPE USE),
1 1/4" DIA. POLYETHYLENE
(TYP.)

IRVING PARK ROAD - LIGHTING PLAN

PLOT DRIVER = \$PLTDRVL6
PEN TABLE = \$PENTBL16
FILE NAME = ..\2016_sht\1107-Irving Park.dgn



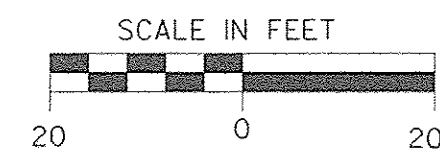
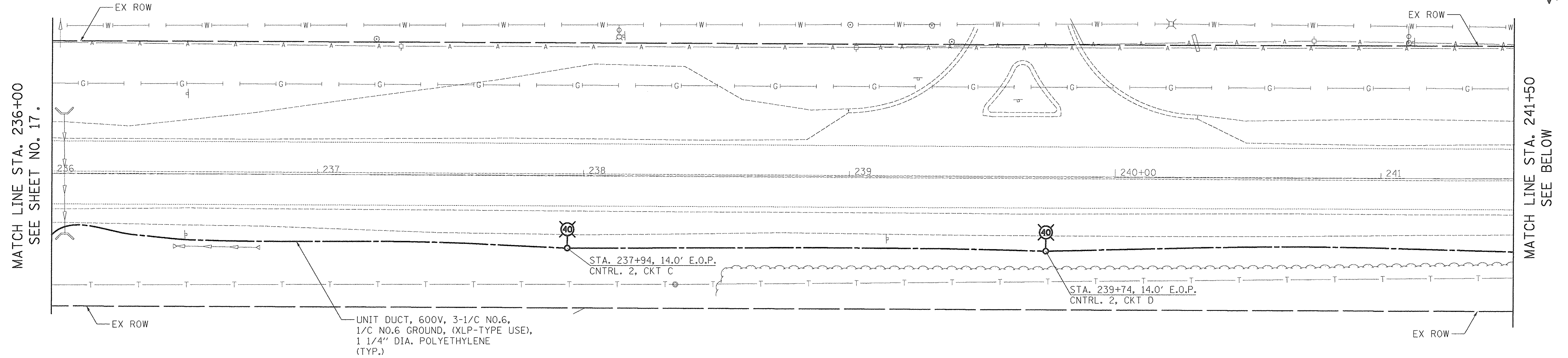
USER NAME = sjo	DESIGNED - SJC	REVISED -
PLDT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLDT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

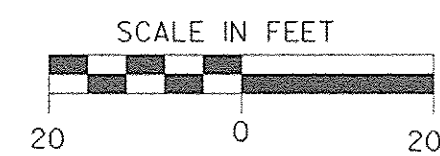
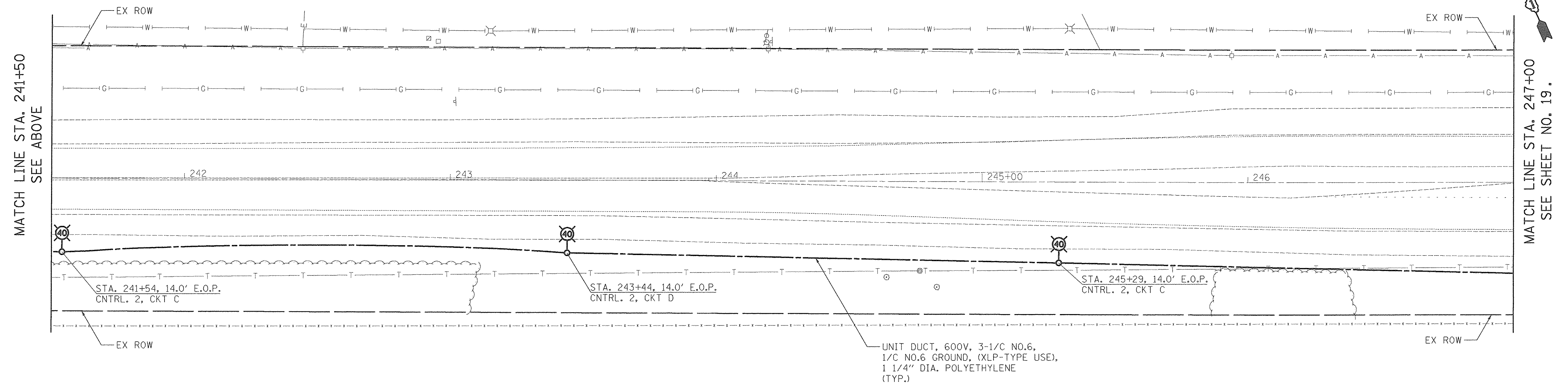
VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	17
CONTRACT NO. 61D03			ILLINOIS FED. AID PROJECT	



IRVING PARK ROAD - LIGHTING PLAN



IRVING PARK ROAD - LIGHTING PLAN

PLOT DATE = 08/19/2016
 PEN TABLE = PENNTABLE
 FILE NAME = ...237.dwg



USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/19/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

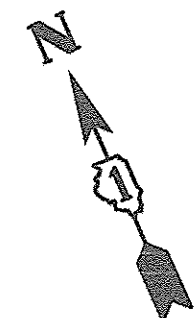
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

SCALE: SHEET OF SHEETS STA. TO STA.

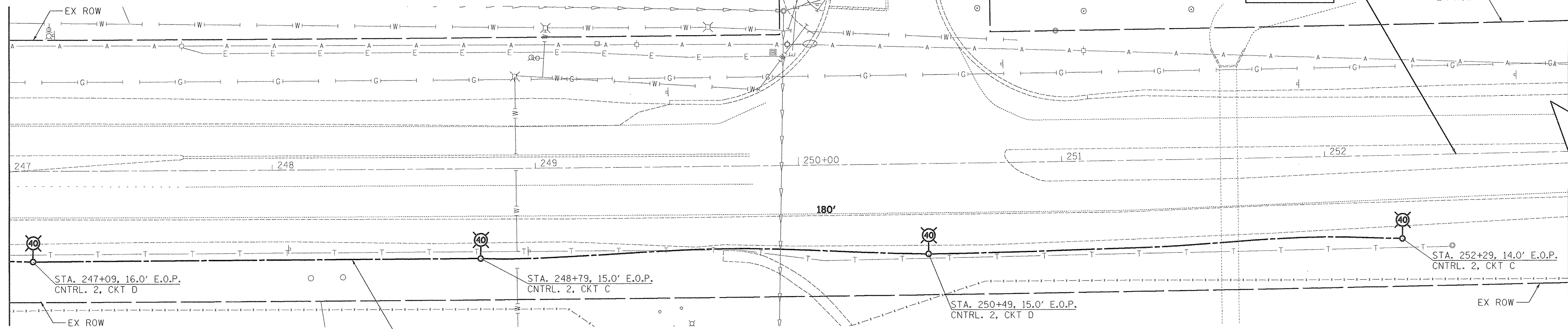
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	18
CONTRACT NO. 61D03			ILLINOIS FED. AID PROJECT	

MITCHELL BOULEVARD



MATCH LINE STA. 247+00
SEE SHEET NO. 18.

END
IMPROVEMENTS
STA. 252+50

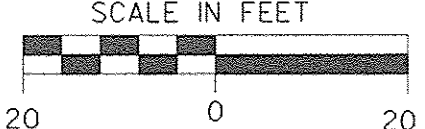


STA. 247+09, 16.0' E.O.P.
CNTRL. 2, CKT D

STA. 248+79, 15.0' E.O.P.
CNTRL. 2, CKT C

STA. 250+49, 15.0' E.O.P.
CNTRL. 2, CKT D

STA. 252+29, 14.0' E.O.P.
CNTRL. 2, CKT C



UNIT DUCT, 600V, 3-1/C NO.6,
1/C NO.6 GROUND, (XLP-TYPE USE),
1 1/4" DIA. POLYETHYLENE
(TYP.)

IRVING PARK ROAD - LIGHTING PLAN

PLOT DRIVER = sfltdrvl.s
PEN TABLE = spenibll.s
FILE NAME = ...N2939.dwg...Irving Park.edgn



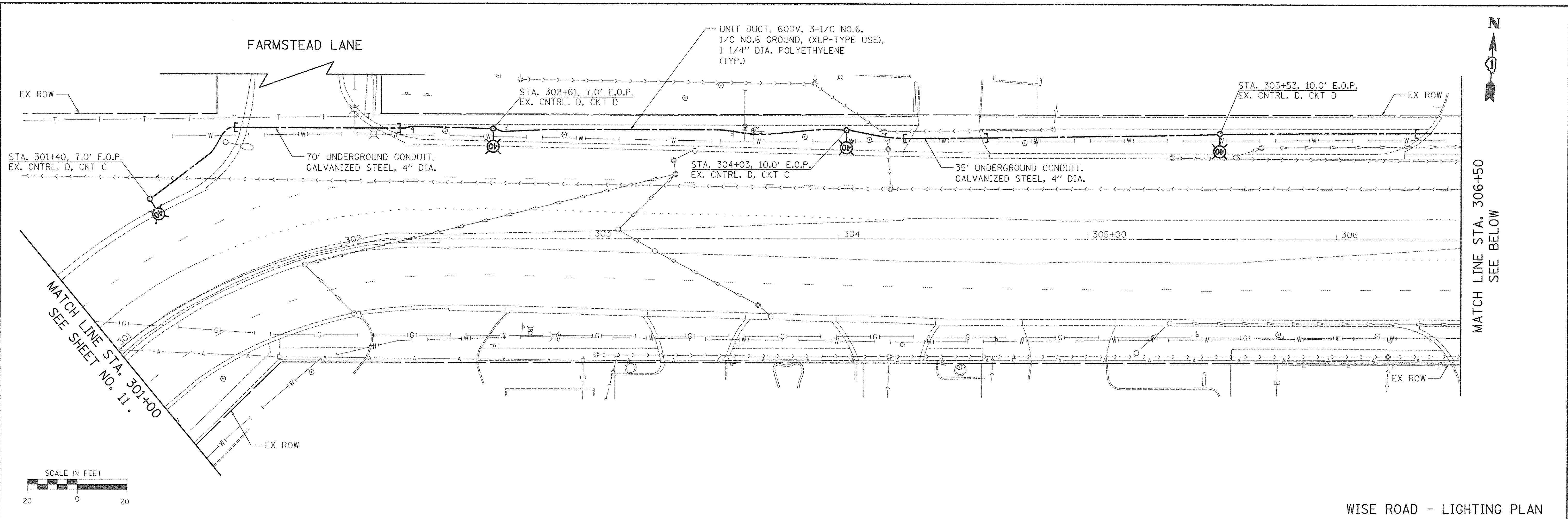
USER NAME = sjg	DESIGNED - SJC	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

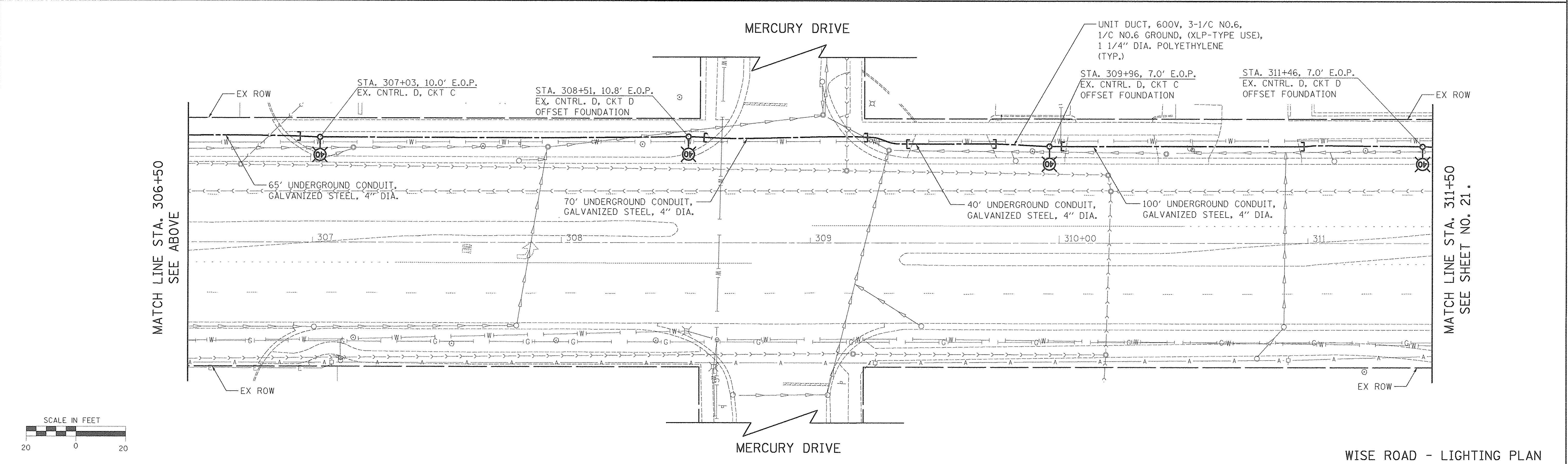
VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	19
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



WISE ROAD - LIGHTING PLAN



WISE ROAD - LIGHTING PLAN

PLOT DRIVER = @PLTDRVL\$
 PEN TABLE = @PENTBL\$
 FILE NAME = ...2834.sht.L118-Misc.dgn



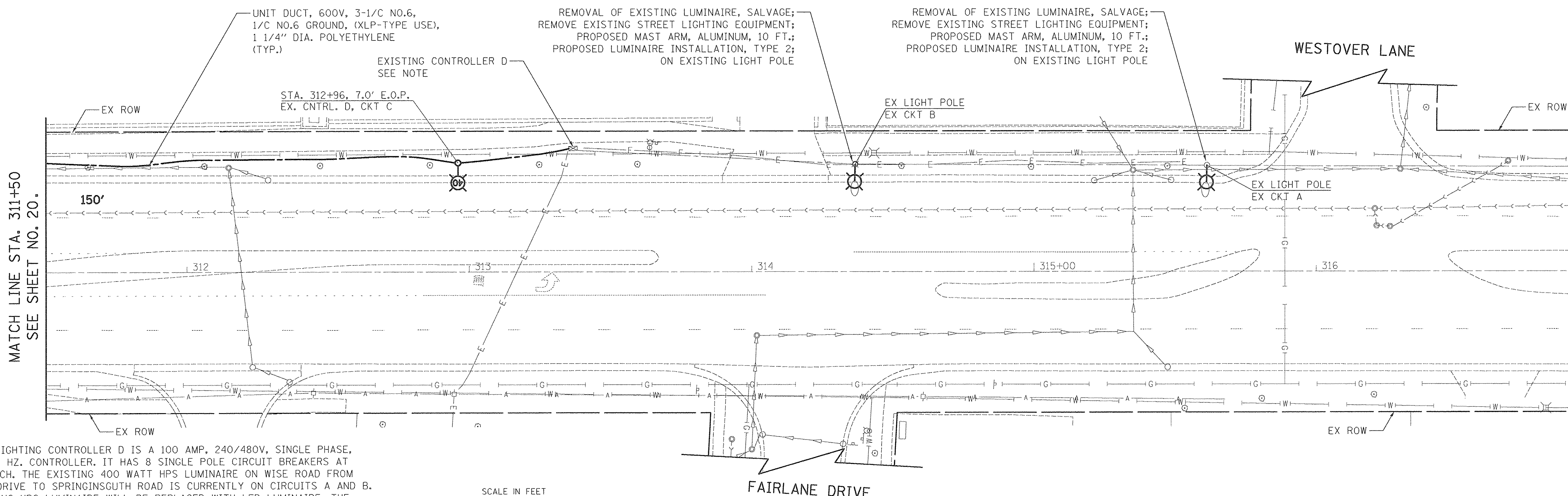
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PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

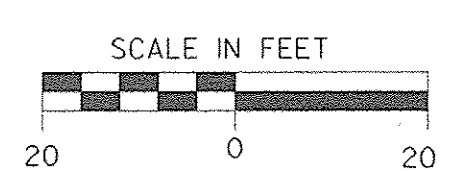
VILLAGE OF SCHAUMBURG
 LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	20
CONTRACT NO. 61D03			ILLINOIS FED. AID PROJECT	

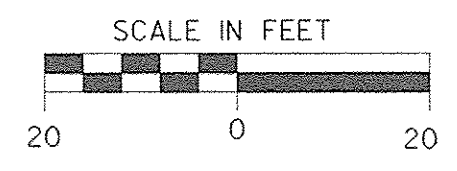
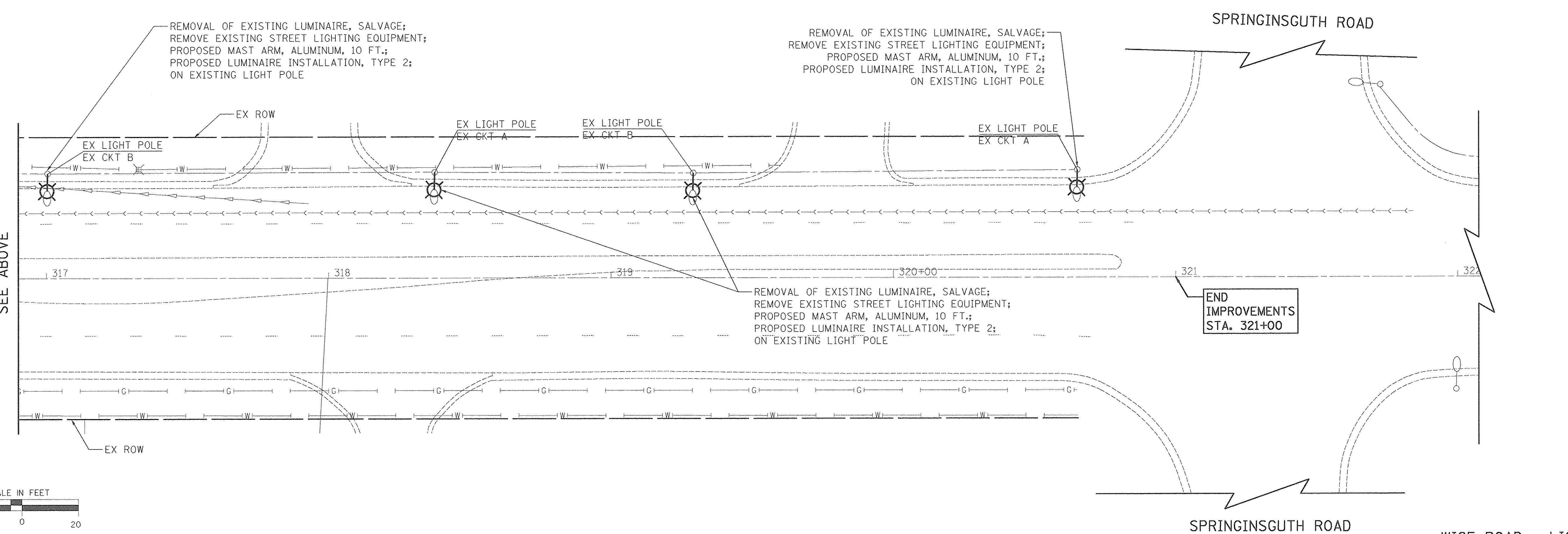


NOTE
 EXISTING LIGHTING CONTROLLER D IS A 100 AMP, 240/480V, SINGLE PHASE, 3 WIRE, 60 HZ. CONTROLLER. IT HAS 8 SINGLE POLE CIRCUIT BREAKERS AT 30 AMP EACH. THE EXISTING 400 WATT HPS LUMINAIRE ON WISE ROAD FROM FAIRLANE DRIVE TO SPRINGINGGUTH ROAD IS CURRENTLY ON CIRCUITS A AND B. THE EXISTING HPS LUMINAIRE WILL BE REPLACED WITH LED LUMINAIRE. THE PROPOSED LIGHTING ON WISE ROAD WEST OF CONTROLLER D TO IRVING PARK ROAD WILL BE POWERED FROM EXISTING CONTROLLER D AND WILL BE LABELED AS CIRCUIT C AND D.



WISE ROAD - LIGHTING PLAN

MATCH LINE STA. 316+90
SEE BELOW



WISE ROAD - LIGHTING PLAN

MATCH LINE STA. 316+90
SEE ABOVE

PLOT DRIVER = sp1.torvil.s
 PEN TABLE = spentbl.u6
 FILE NAME = ...2024.sht...L111-Wise.dgn



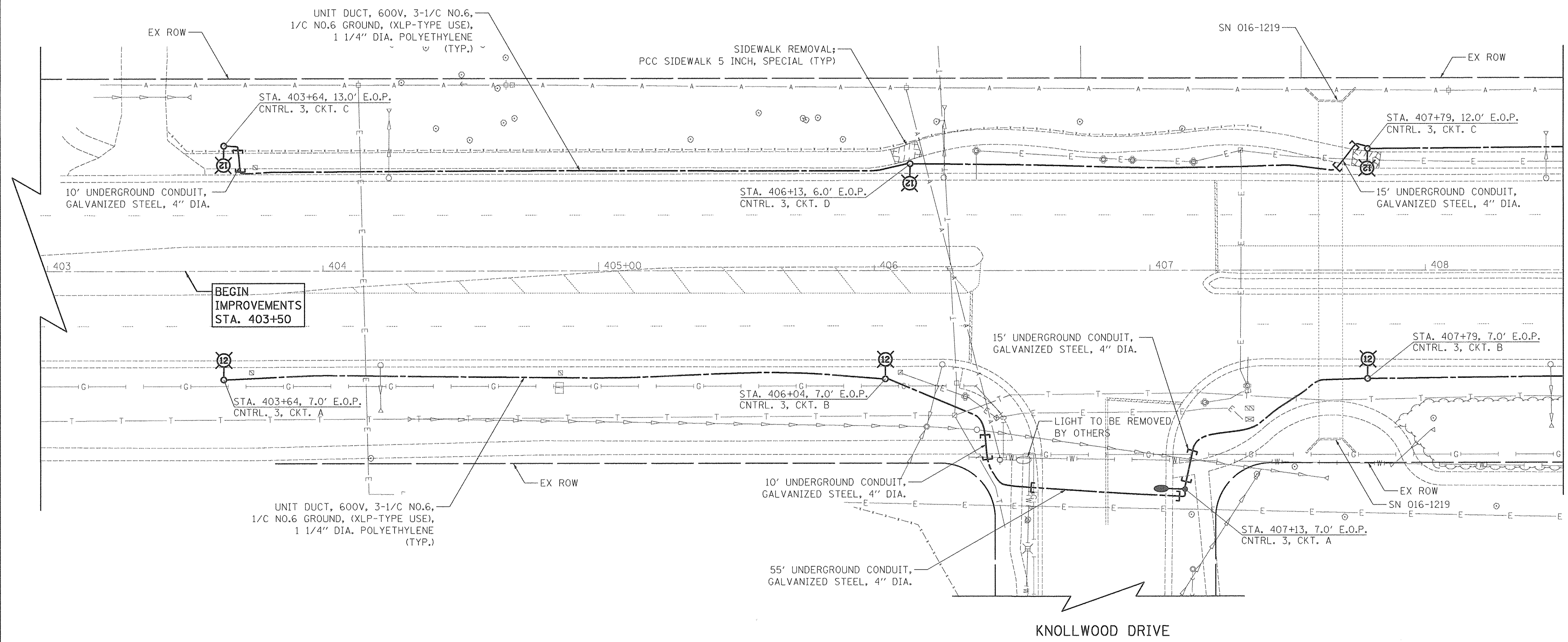
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PLDT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLDT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

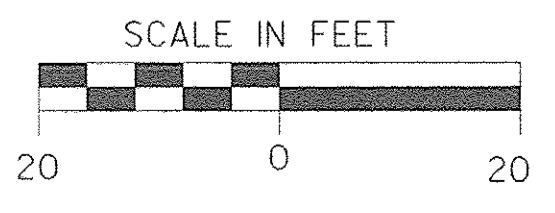
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	21
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



BEGIN IMPROVEMENTS STA. 403+50

MATCH LINE STA. 408+50
SEE SHEET NO. 23.

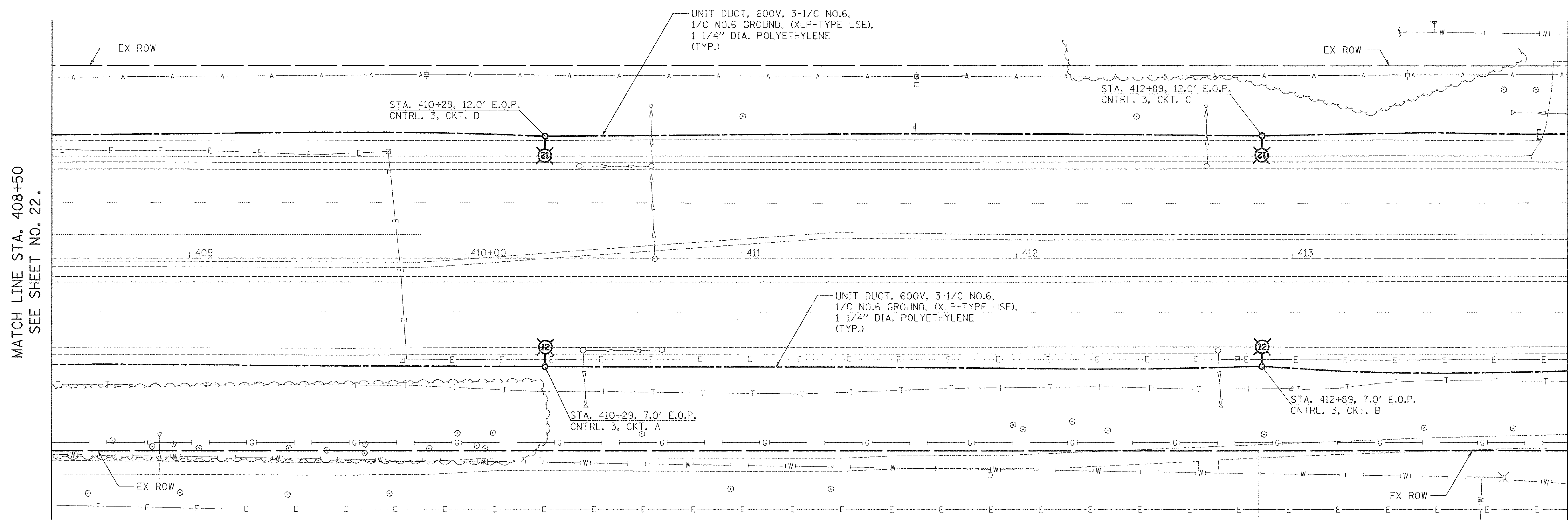


PLOT DRIVER = 680.TDRNL.\$
 PEN TABLE = 680.TDRNL.\$
 FILE NAME = \\2834.sht\112-Gol.f.dgn

GOLF ROAD - LIGHTING PLAN

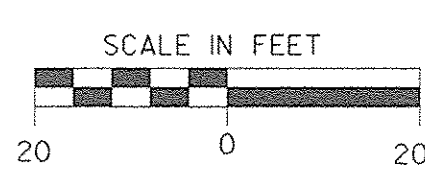
	USER NAME = sjc	DESIGNED = SJC	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VILLAGE OF SCHAUMBURG LT-1 ARTERIAL LIGHTING	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000' / 1"	CHECKED = DNM	REVISED =			15-00118-00-LT	COOK/DUPAGE	64	22	
	PLOT DATE = 8/18/2016	DATE = 08/08/2016	REVISED =			CONTRACT NO. 61D03		ILLINOIS FED. AID PROJECT		

SCALE: SHEET OF SHEETS STA. TO STA.



MATCH LINE STA. 408+50
SEE SHEET NO. 22.

MATCH LINE STA. 414+00
SEE SHEET NO. 24.



PLOT DRIVER = \$PRN.TORIG.\$
PEN TABLE = \$PENTRI.L&
FILE NAME = \2013\2013.dgn



USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

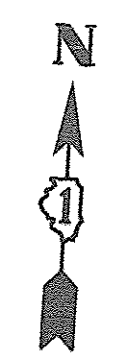
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

SCALE: SHEET OF SHEETS STA. TO STA.

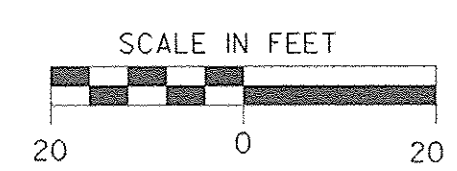
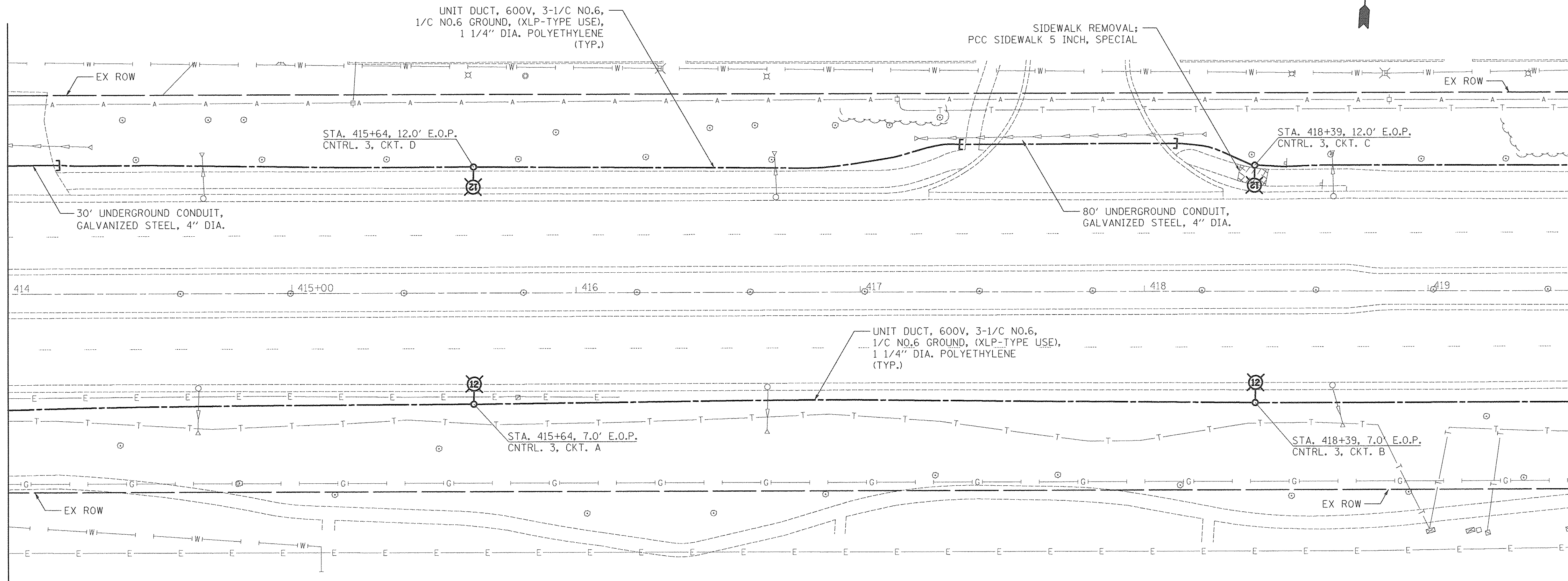
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	23
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				

GOLF ROAD - LIGHTING PLAN



MATCH LINE STA. 414+00
SEE SHEET NO. 23.

MATCH LINE STA. 419+50
SEE SHEET NO. 25.



PLOT DRIVER = 481.TDPLV.\$
PEN TABLE = 88RENTLULBUL
FILE NAME = \\2023\F\585.L14-C61.f.dgn

GOLF ROAD - LIGHTING PLAN



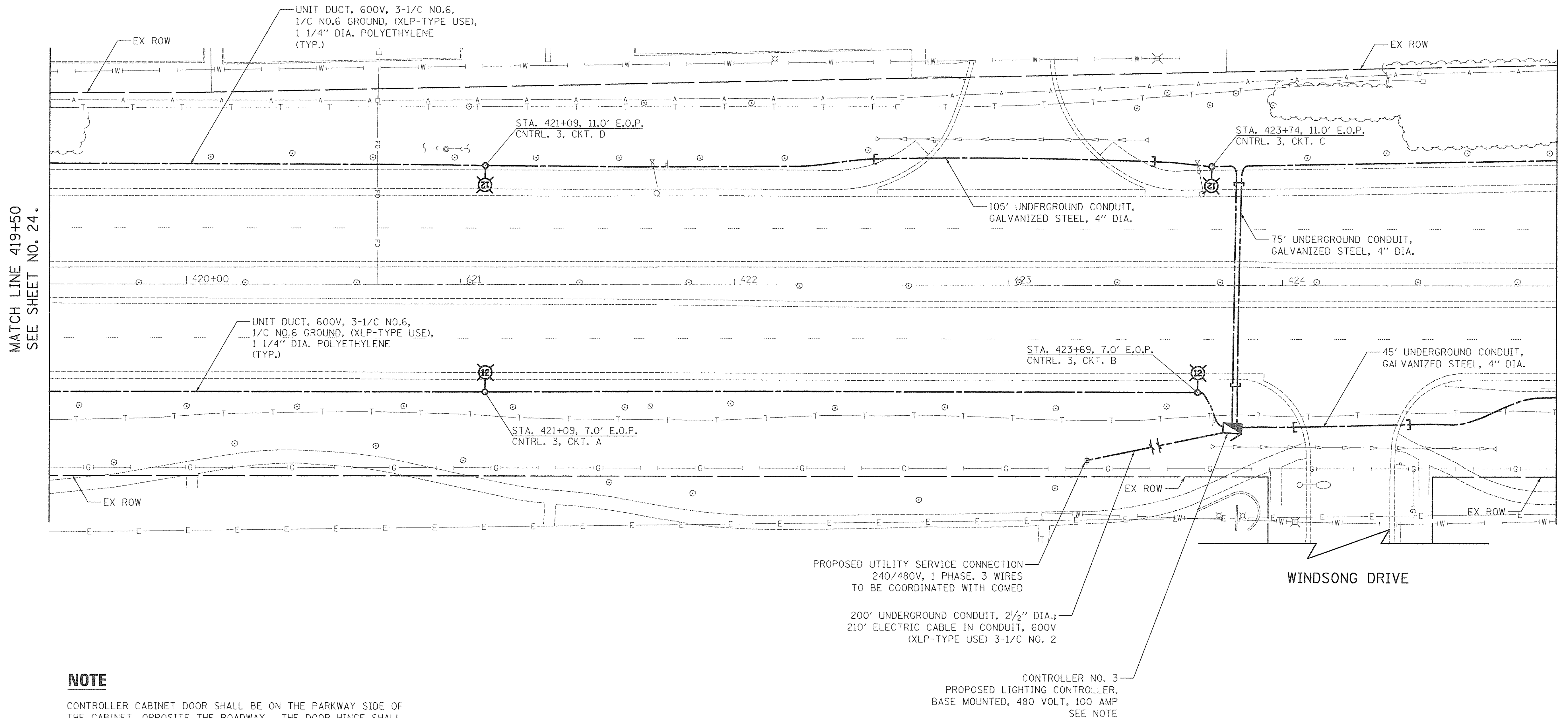
USER NAME = sjc	DESIGNED = SJC	REVISED =
PLOT SCALE = 20,0000' / 1"	DRAWN = SJC	REVISED =
PLOT DATE = 8/18/2016	CHECKED = DNM	REVISED =
	DATE = 08/08/2016	REVISED =

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	24
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				

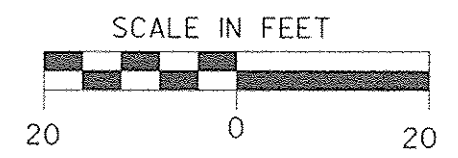


MATCH LINE 419+50
SEE SHEET NO. 24.

MATCH LINE STA. 425+00
SEE SHEET NO. 26.

NOTE

CONTROLLER CABINET DOOR SHALL BE ON THE PARKWAY SIDE OF THE CABINET, OPPOSITE THE ROADWAY. THE DOOR HINGE SHALL BE ON THE DOWNSTREAM SIDE OF THE CABINET SO THAT THE DOOR, WHEN OPEN, DOES NOT BLOCK THE VIEW OF ONCOMING TRAFFIC.



PROPOSED UTILITY SERVICE CONNECTION
240/480V, 1 PHASE, 3 WIRES
TO BE COORDINATED WITH COMED

200' UNDERGROUND CONDUIT, 2 1/2" DIA.;
210' ELECTRIC CABLE IN CONDUIT, 600V
(XLP-TYPE USE) 3-1/C NO. 2

CONTROLLER NO. 3
PROPOSED LIGHTING CONTROLLER,
BASE MOUNTED, 480 VOLT, 100 AMP
SEE NOTE

WINDSONG DRIVE

PLOT DRIVER = spt_torvik
 PEN TABLE = sptentbl
 FILE NAME = ...2434.spl...Golf.dgn



USER NAME = sjo	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

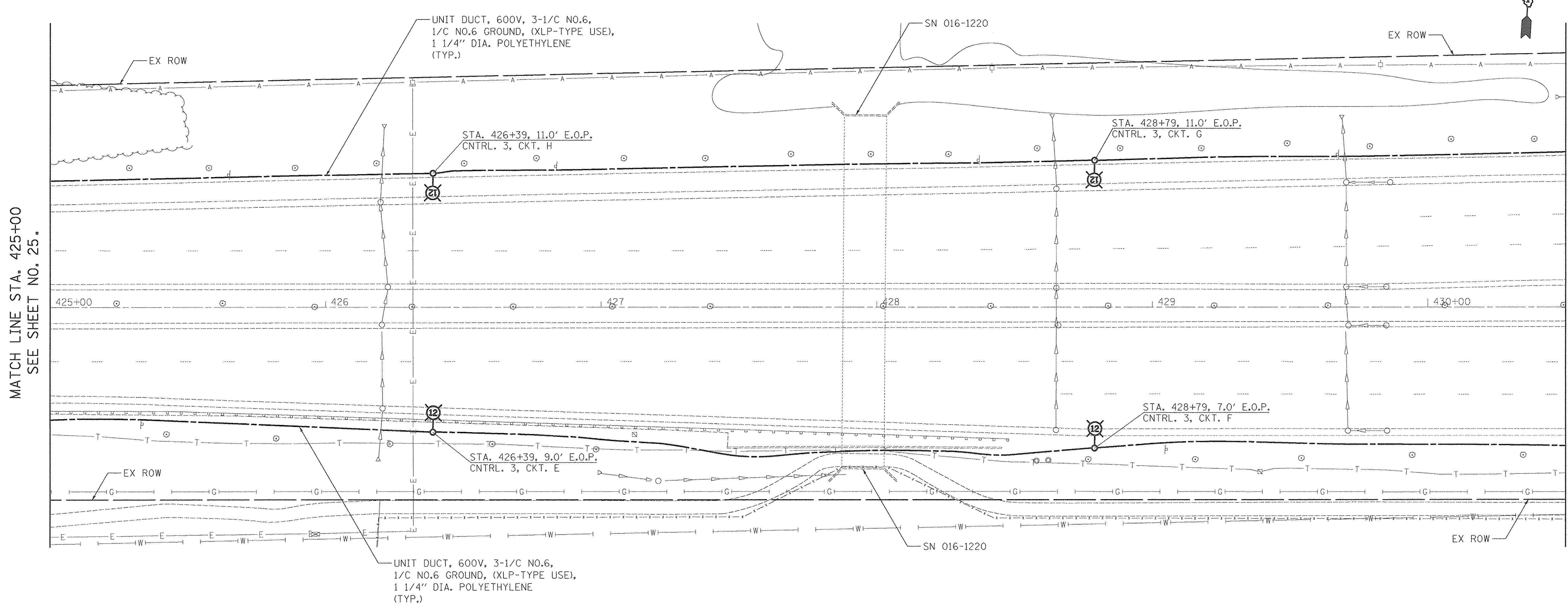
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

SCALE: SHEET OF SHEETS STA. TO STA.

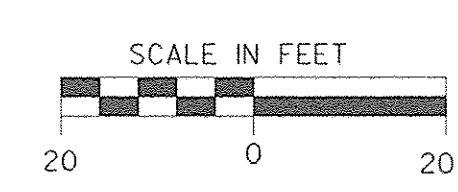
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	25
CONTRACT NO. 61D03			ILLINOIS FED. AID PROJECT	

GOLF ROAD - LIGHTING PLAN



MATCH LINE STA. 425+00
SEE SHEET NO. 25.

MATCH LINE STA. 430+50
SEE SHEET NO. 27.



PLOT DRIVER = \$PR_PLOTDRIVE
PEN TABLE = \$PEN_PENLINES
FILE NAME = ...2016.dwg

GOLF ROAD - LIGHTING PLAN



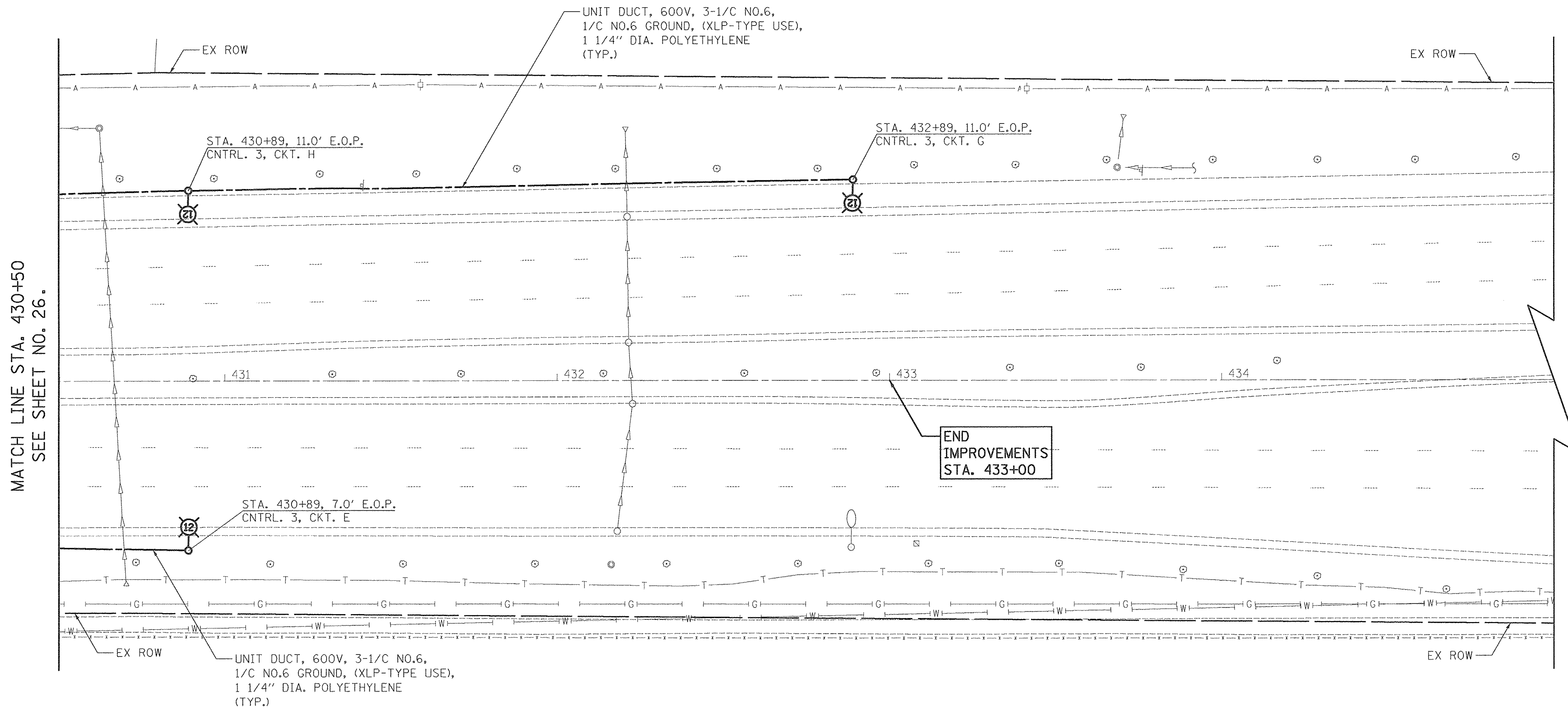
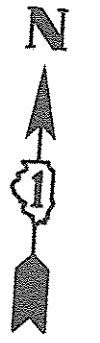
USER NAME = sjo	DESIGNED - SJC	REVISED -
DRAWN - SJC	REVISED -	
PLOT SCALE = 20.0000' / 1" =	CHECKED - DNM	REVISED -
PLOT DATE = 8/18/2016	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

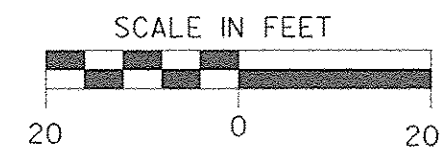
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	26
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 430+50
SEE SHEET NO. 26.

END
IMPROVEMENTS
STA. 433+00



PLOT DRIVER = \$PLOTDRVL\$
PEN TABLE = \$PENITBL\$
FILE NAME = ...2934.sht.L17-Golf.dgn



USER NAME = sjc	DESIGNED -- SJC	REVISED --
PLOT SCALE = 20.0000' / 1"	DRAWN -- SJC	REVISED --
PLOT DATE = 8/18/2016	CHECKED -- DNM	REVISED --
	DATE -- 08/08/2016	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

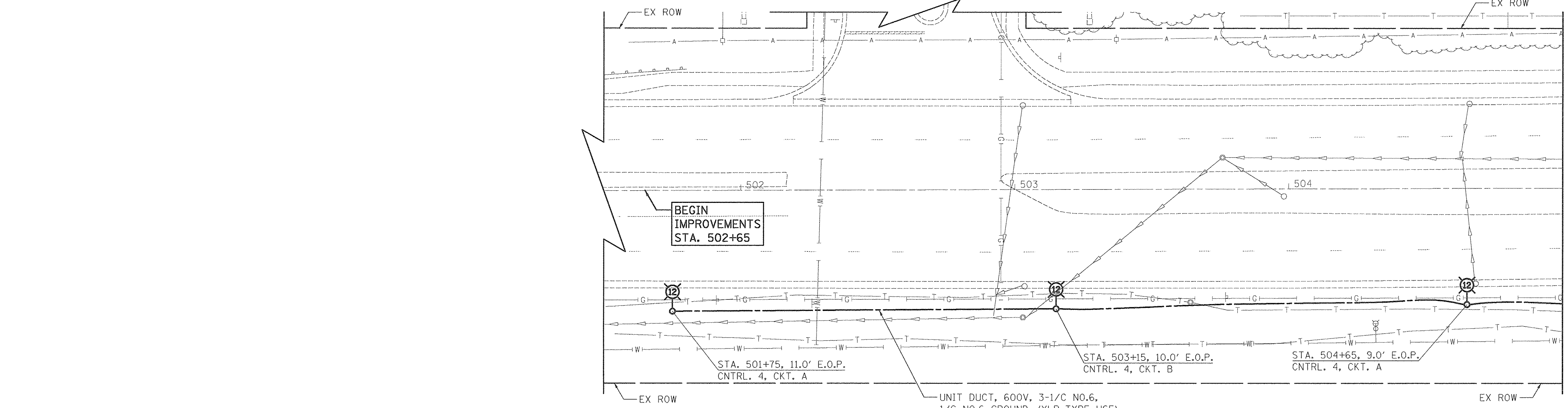
VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

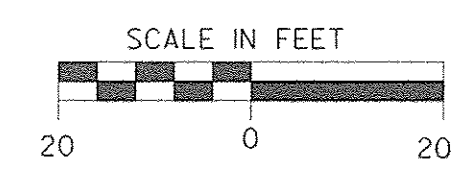
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	27
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				

GOLF ROAD - LIGHTING PLAN

GRECO LANE

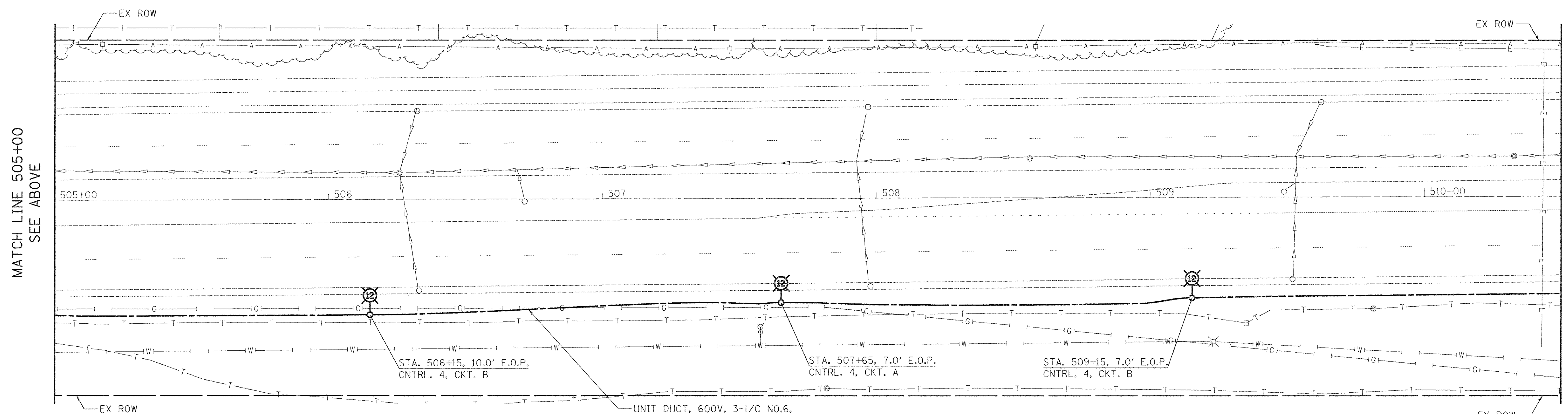


MATCH LINE STA. 505+00
SEE BELOW



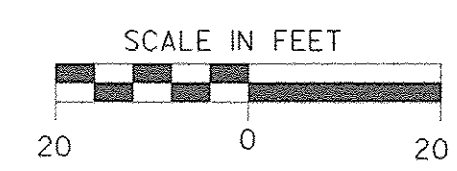
UNIT DUCT, 600V, 3-1/C NO.6,
1/C NO.6 GROUND, (XLP-TYPE USE),
1 1/4" DIA. POLYETHYLENE
(TYP.)

MEACHAM ROAD - LIGHTING PLAN



MATCH LINE 505+00
SEE ABOVE

MATCH LINE STA. 510+50
SEE SHEET NO. 29.



UNIT DUCT, 600V, 3-1/C NO.6,
1/C NO.6 GROUND, (XLP-TYPE USE),
1 1/4" DIA. POLYETHYLENE
(TYP.)

MEACHAM ROAD - LIGHTING PLAN

PLOT DRIVER = 481.TDRV.\$
 PEN TABLE = #RENTBL.\$
 FILE NAME = ...2897.spk\1118-Meacham.dgn



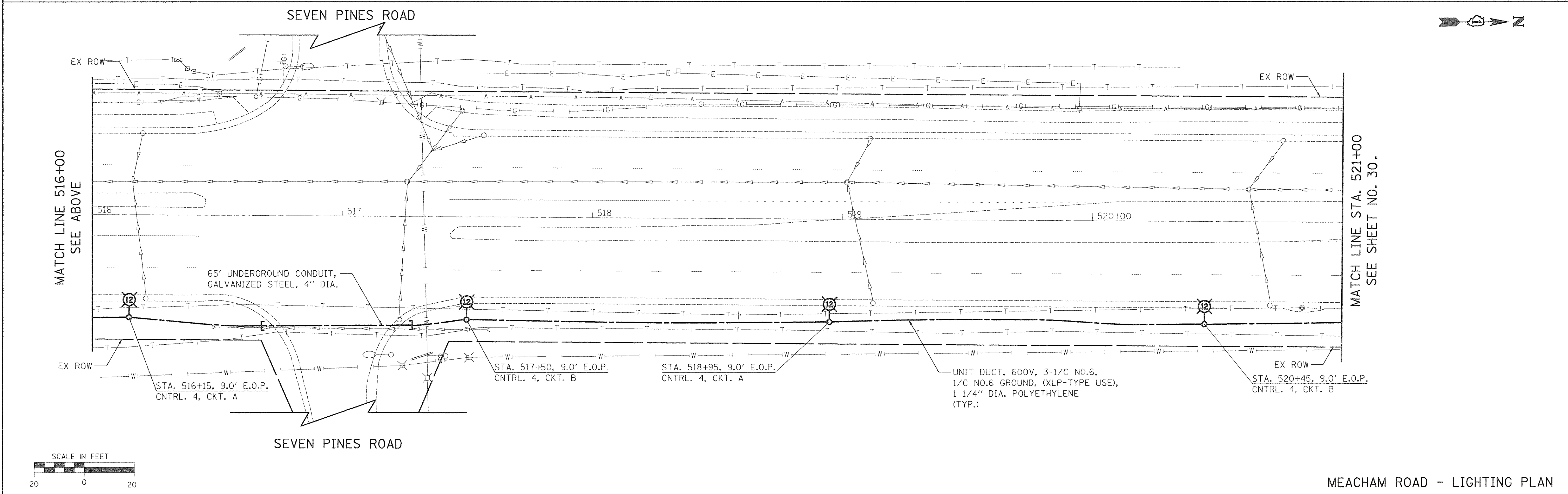
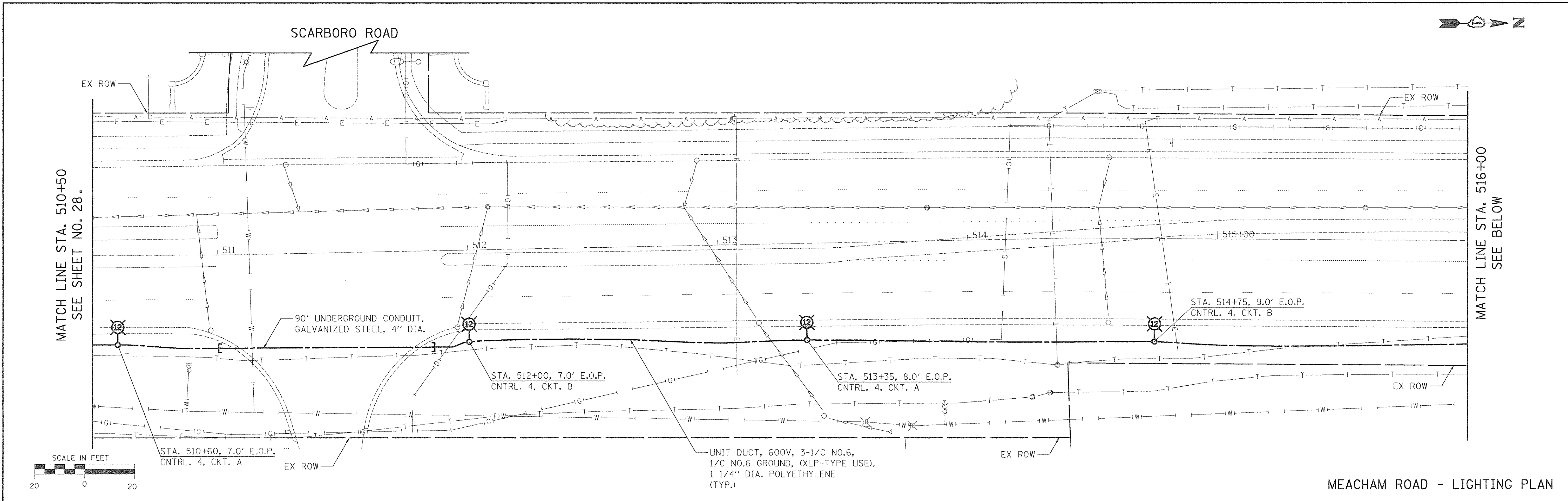
USER NAME = e.jc	DESIGNED - SJC	REVISED -
PLOT SCALE = 28.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

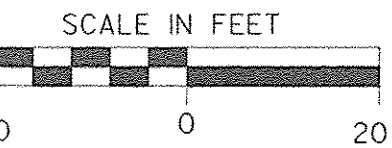
VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	28
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



PLOT DRIVER = 480 TDRVL \$
 PLOT DATE = 08/18/2016
 FILE NAME = ...3297.dwg

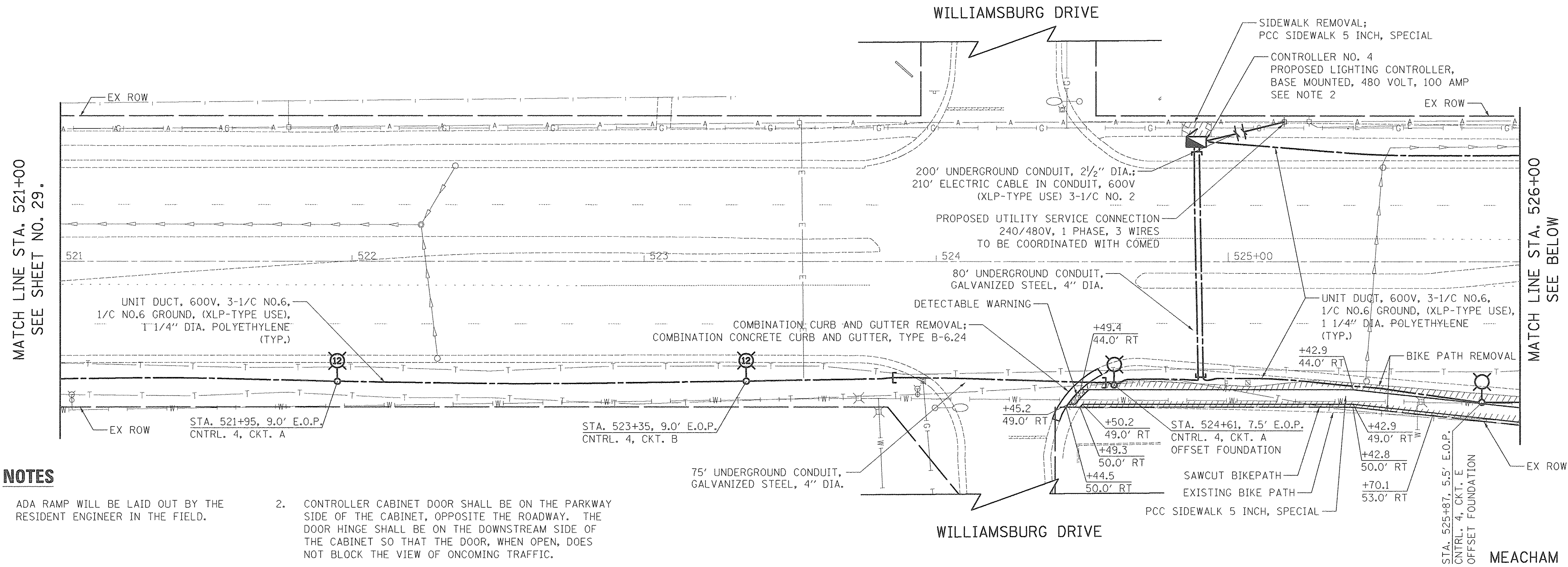


USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 28.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

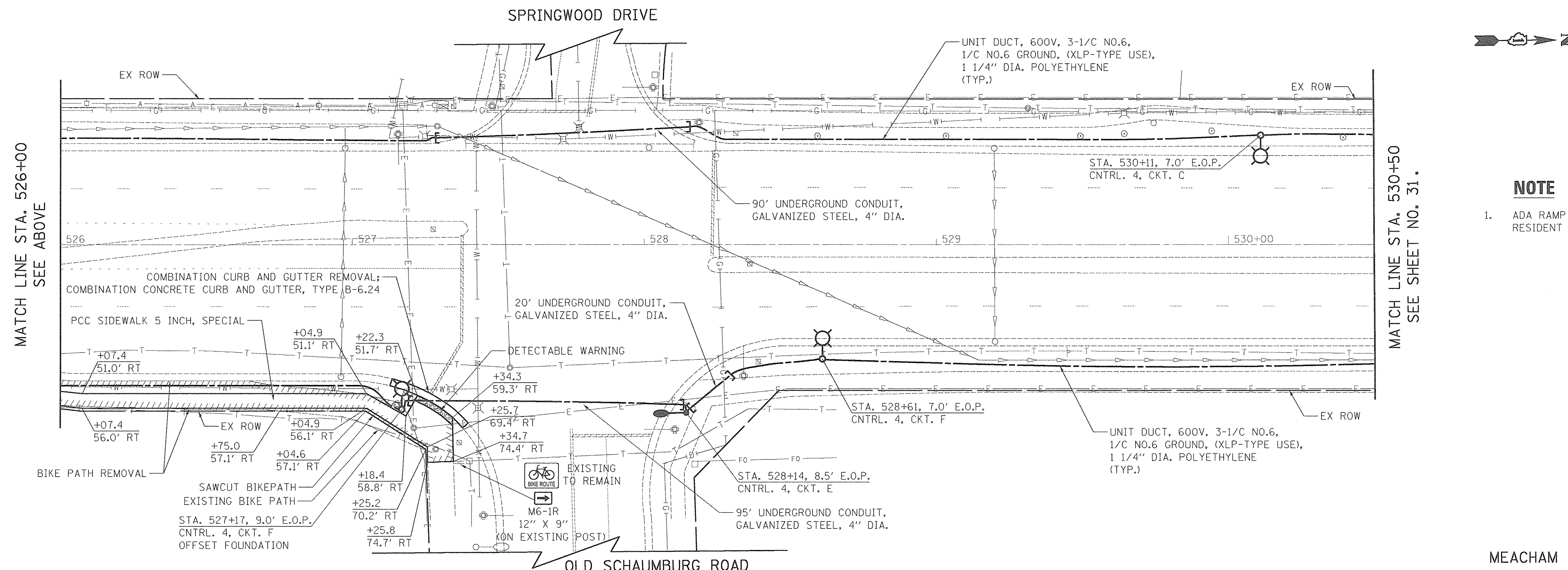
VILLAGE OF SCHAUMBURG	
LT-1 ARTERIAL LIGHTING	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	29
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



NOTES

1. ADA RAMP WILL BE LAID OUT BY THE RESIDENT ENGINEER IN THE FIELD.
2. CONTROLLER CABINET DOOR SHALL BE ON THE PARKWAY SIDE OF THE CABINET, OPPOSITE THE ROADWAY. THE DOOR HINGE SHALL BE ON THE DOWNSTREAM SIDE OF THE CABINET SO THAT THE DOOR, WHEN OPEN, DOES NOT BLOCK THE VIEW OF ONCOMING TRAFFIC.



NOTE

1. ADA RAMP WILL BE LAID OUT BY THE RESIDENT ENGINEER IN THE FIELD.

PLOT DRIVER = \$PLTDVLS
 PEN TABLE = \$PENTBLLS
 FILE NAME = ..\24934_ah.ttl\20-Meacham.dgn



USER NAME = sjo	DESIGNED - SJC	REVISED -
PLOT SCALE = 28.8888 1/1 in.	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

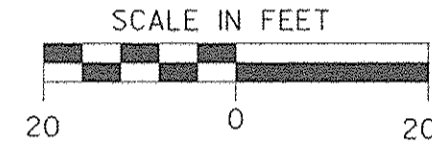
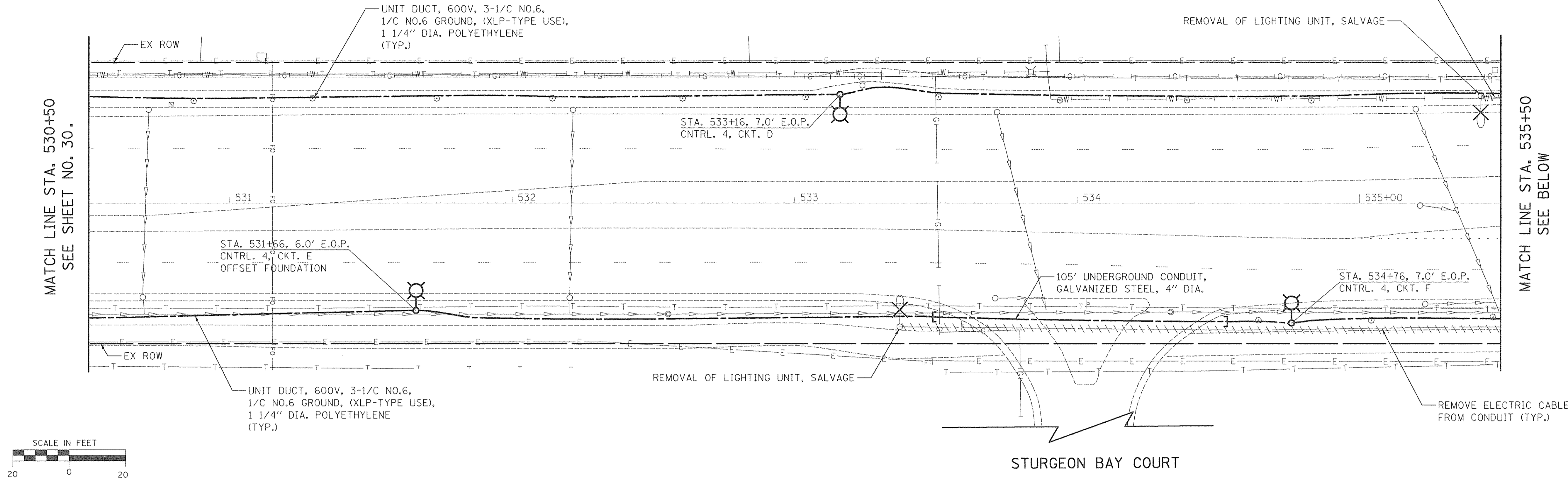
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	30
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 530+50
SEE SHEET NO. 30.

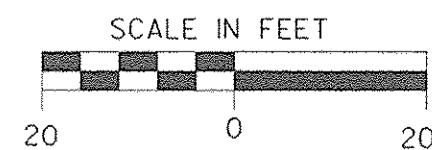
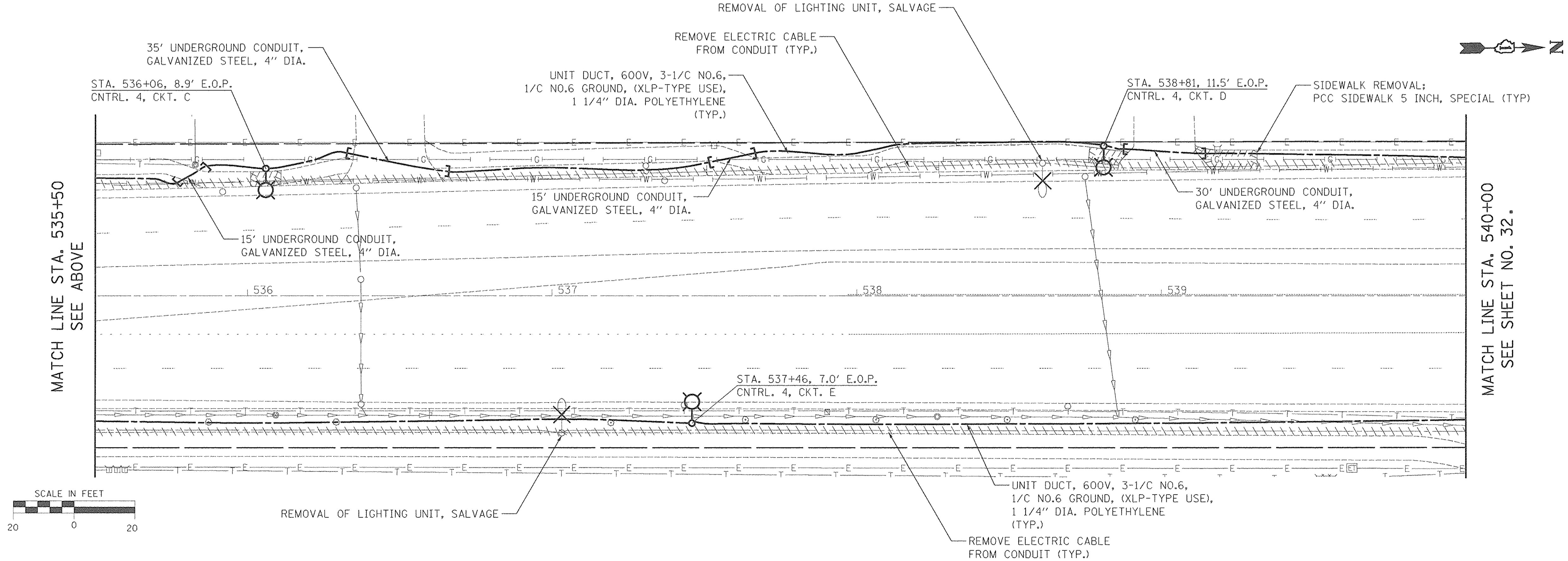
MATCH LINE STA. 535+50
SEE BELOW



MEACHAM ROAD - LIGHTING PLAN

MATCH LINE STA. 535+50
SEE ABOVE

MATCH LINE STA. 540+00
SEE SHEET NO. 32.



MEACHAM ROAD - LIGHTING PLAN

PLOT DRIVER = \$PLTDRVL\$
PEN TABLE = \$PENTBL\$
FILE NAME = ...\\2934_sht.L121-Meacham.dgn



USER NAME = sjo	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000 ' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 6/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

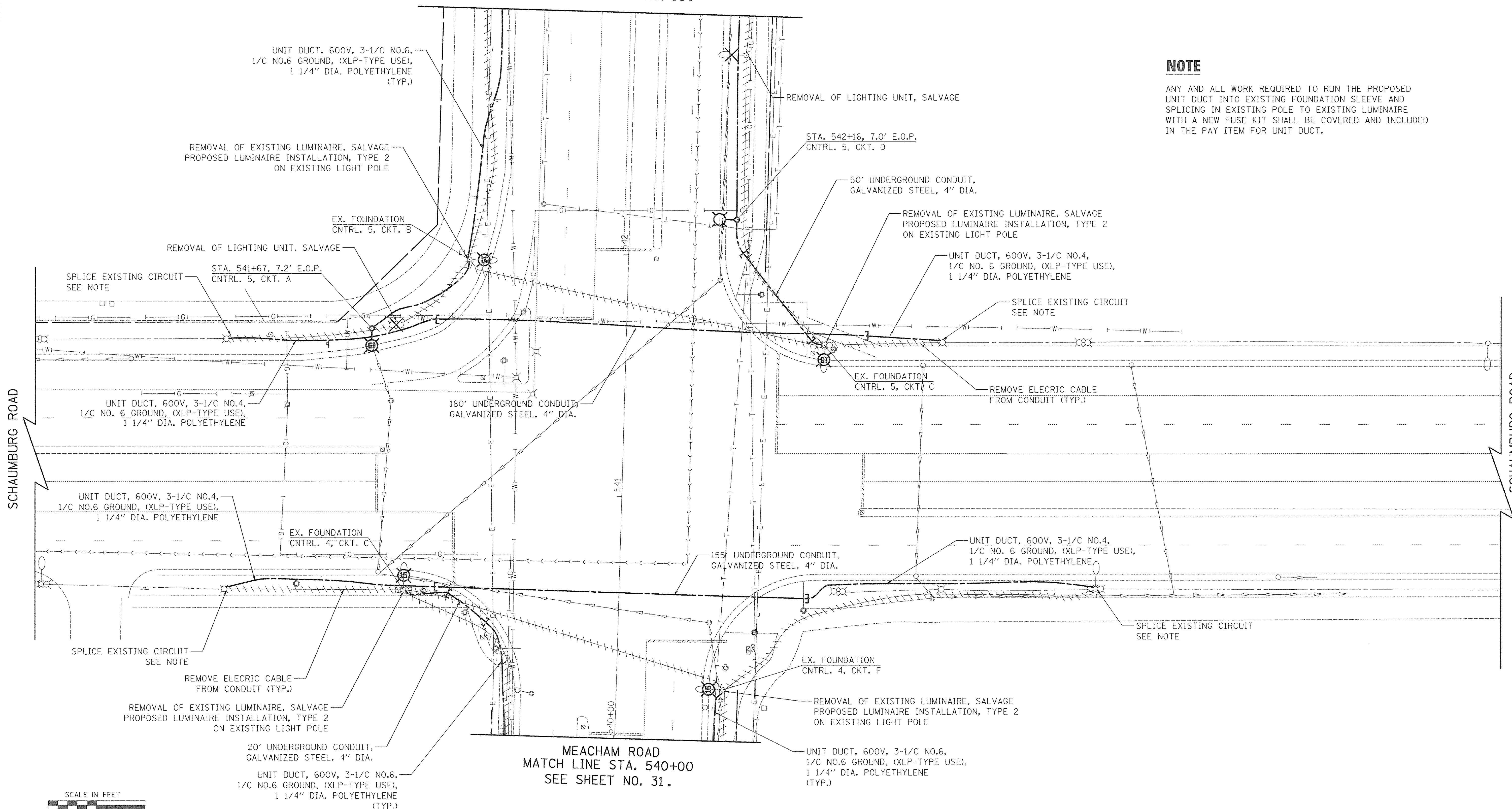
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	31
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



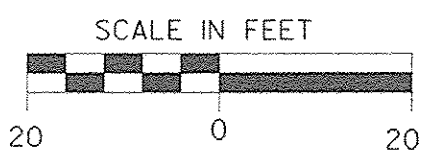
MEACHAM ROAD
MATCH LINE STA. 543+00
SEE SHEET NO. 33.

NOTE

ANY AND ALL WORK REQUIRED TO RUN THE PROPOSED UNIT DUCT INTO EXISTING FOUNDATION SLEEVE AND SPLICING IN EXISTING POLE TO EXISTING LUMINAIRE WITH A NEW FUSE KIT SHALL BE COVERED AND INCLUDED IN THE PAY ITEM FOR UNIT DUCT.



MEACHAM ROAD
MATCH LINE STA. 540+00
SEE SHEET NO. 31.



PLOT DRIVER = SRI TORVIL S
 PEN TABLE = PENTBL S
 FILE NAME = ...2034.dwg...122-Meacham.dgn



USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

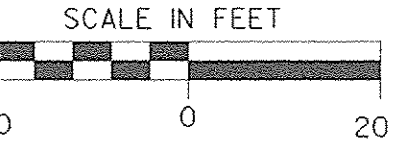
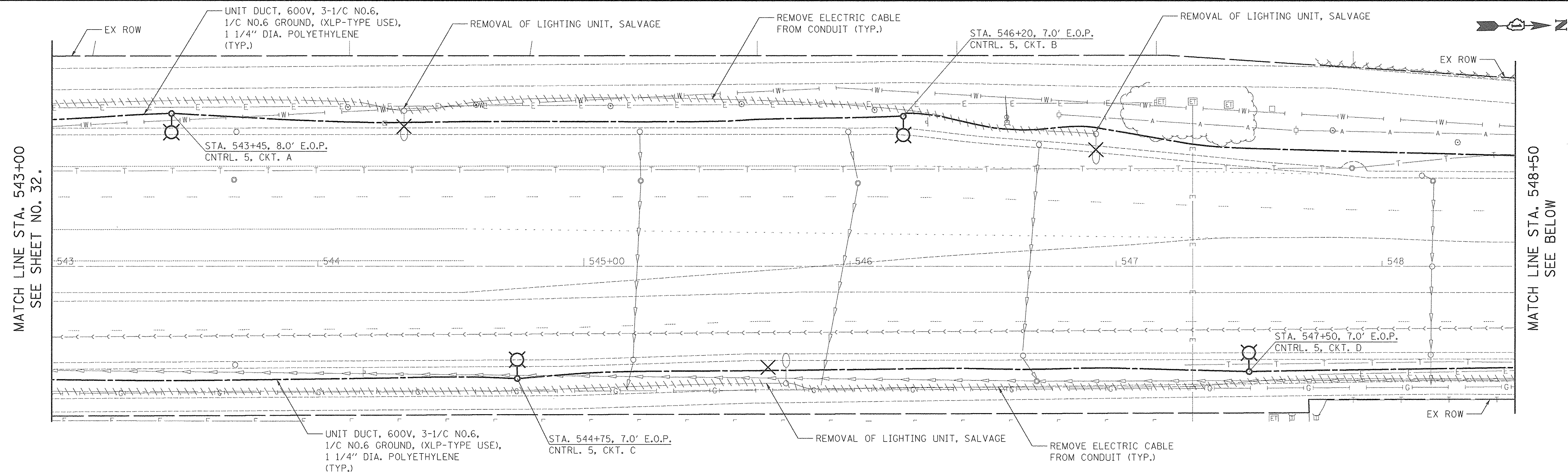
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

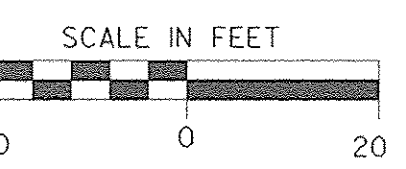
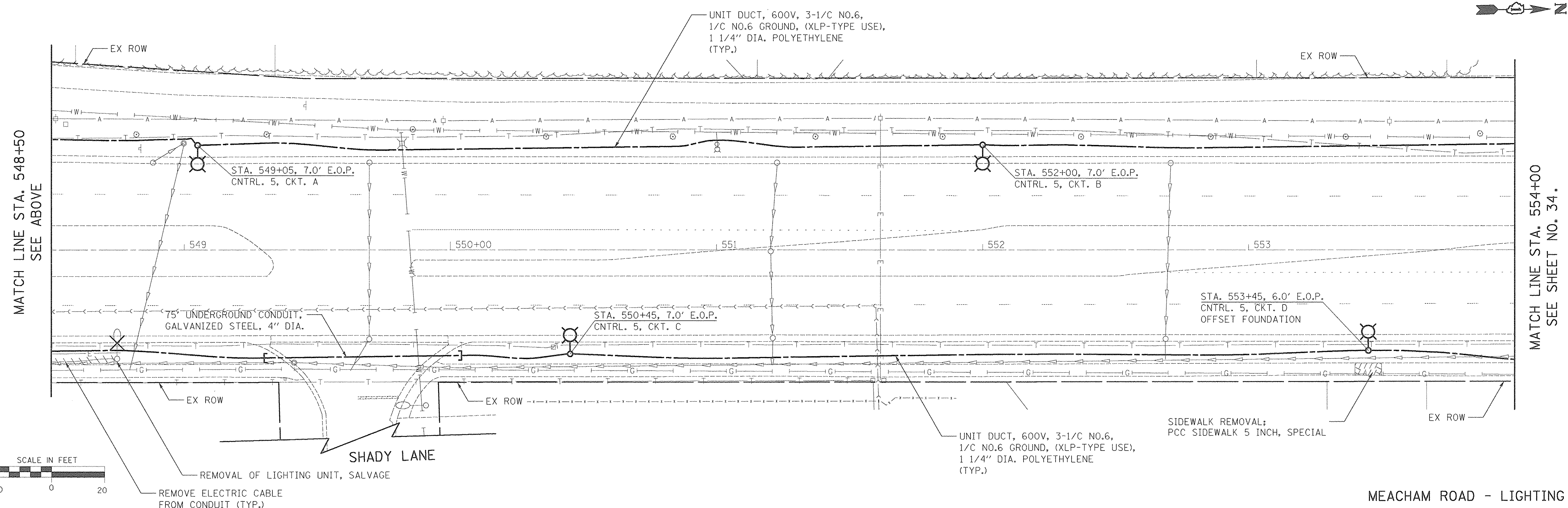
SCALE: SHEET OF SHEETS STA. TO STA.

MEACHAM ROAD - LIGHTING PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	32
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



MEACHAM ROAD - LIGHTING PLAN



MEACHAM ROAD - LIGHTING PLAN

PLOT DRIVER = sja, tjrvls
 PEN TABLE = srentbl &
 FILE NAME = \2013\123-Meacham.dgn



USER NAME = sja
 PLOT SCALE = 20.0000' / 1" =
 PLOT DATE = 8/18/2016

DESIGNED - SJC
 DRAWN - SJC
 CHECKED - DNM
 DATE - 08/08/2016

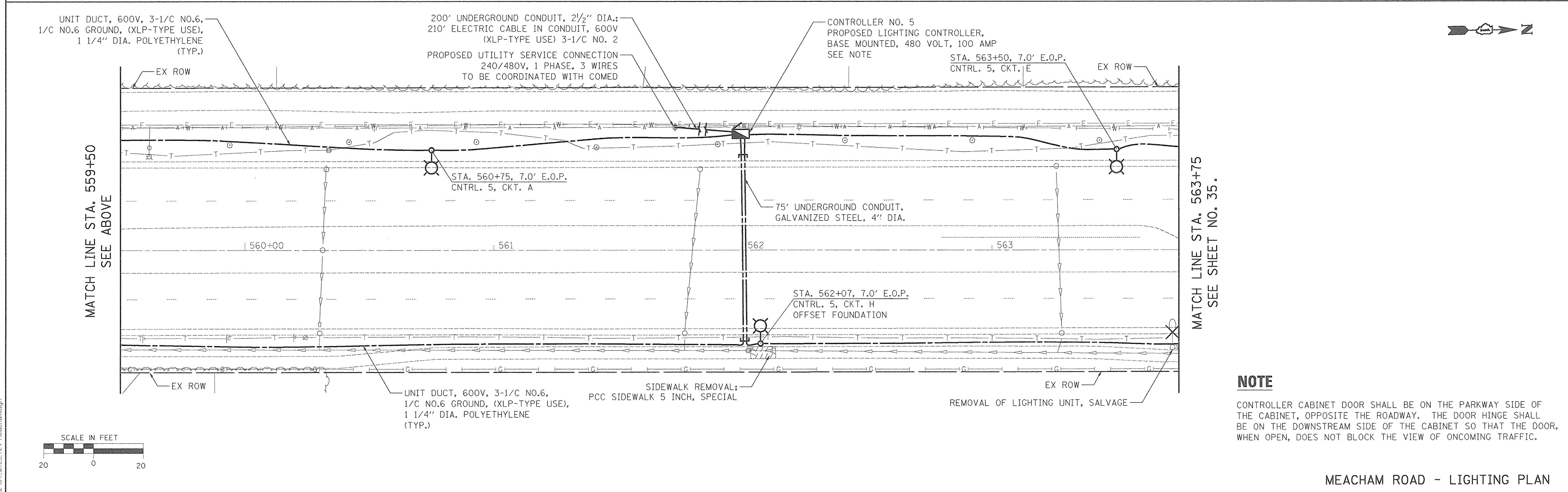
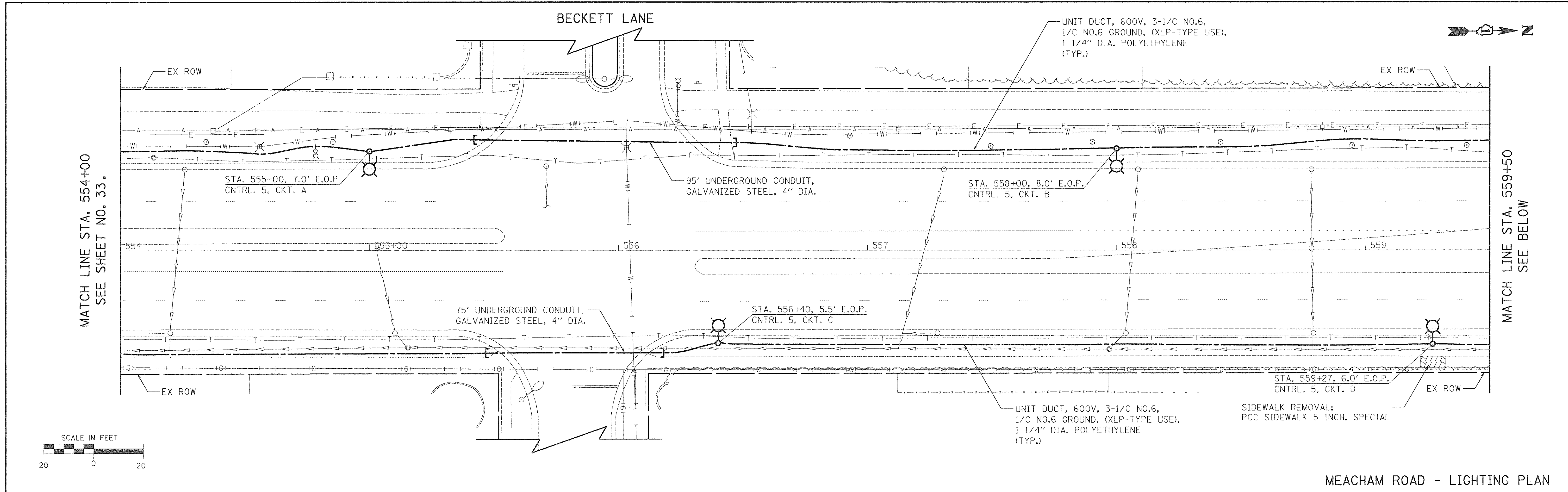
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	33
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



NOTE

CONTROLLER CABINET DOOR SHALL BE ON THE PARKWAY SIDE OF THE CABINET, OPPOSITE THE ROADWAY. THE DOOR HINGE SHALL BE ON THE DOWNSTREAM SIDE OF THE CABINET SO THAT THE DOOR, WHEN OPEN, DOES NOT BLOCK THE VIEW OF ONCOMING TRAFFIC.

PLOT DRIVER = s\pltdrvl.s
 PEN TABLE = s\pen.tbl.s
 FILE NAME = ..\2016\124-Meacham.dgn



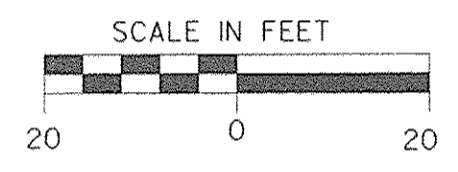
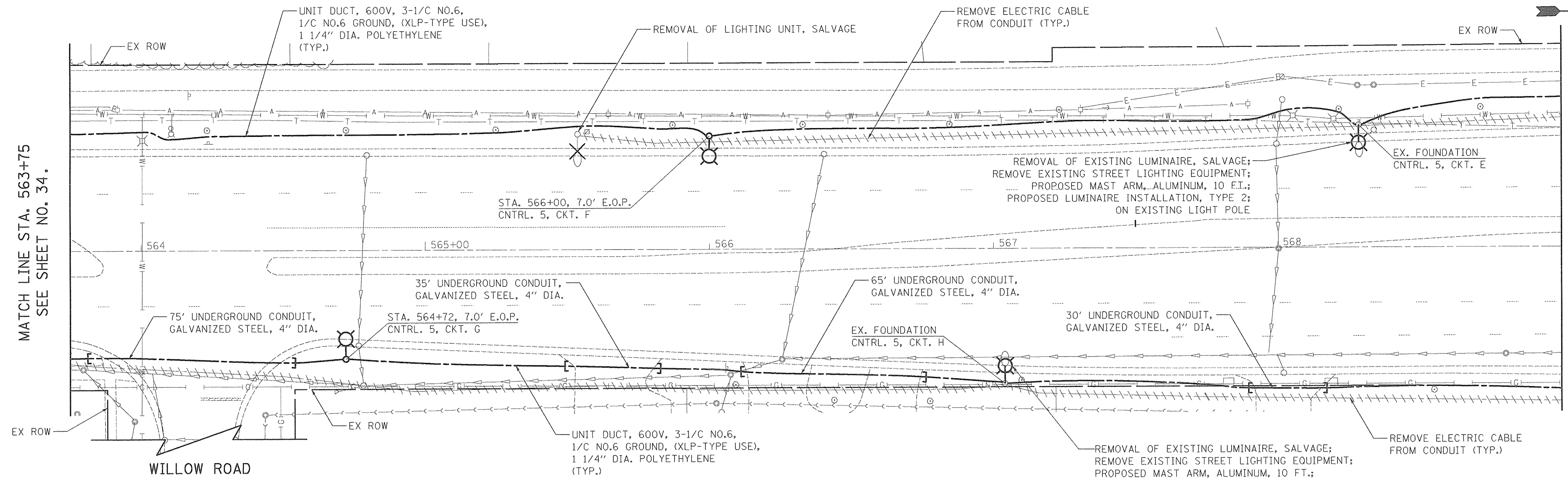
USER NAME = s\sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

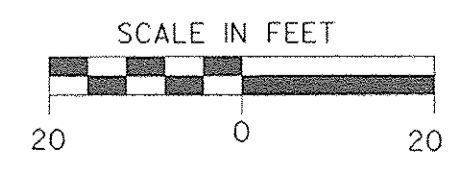
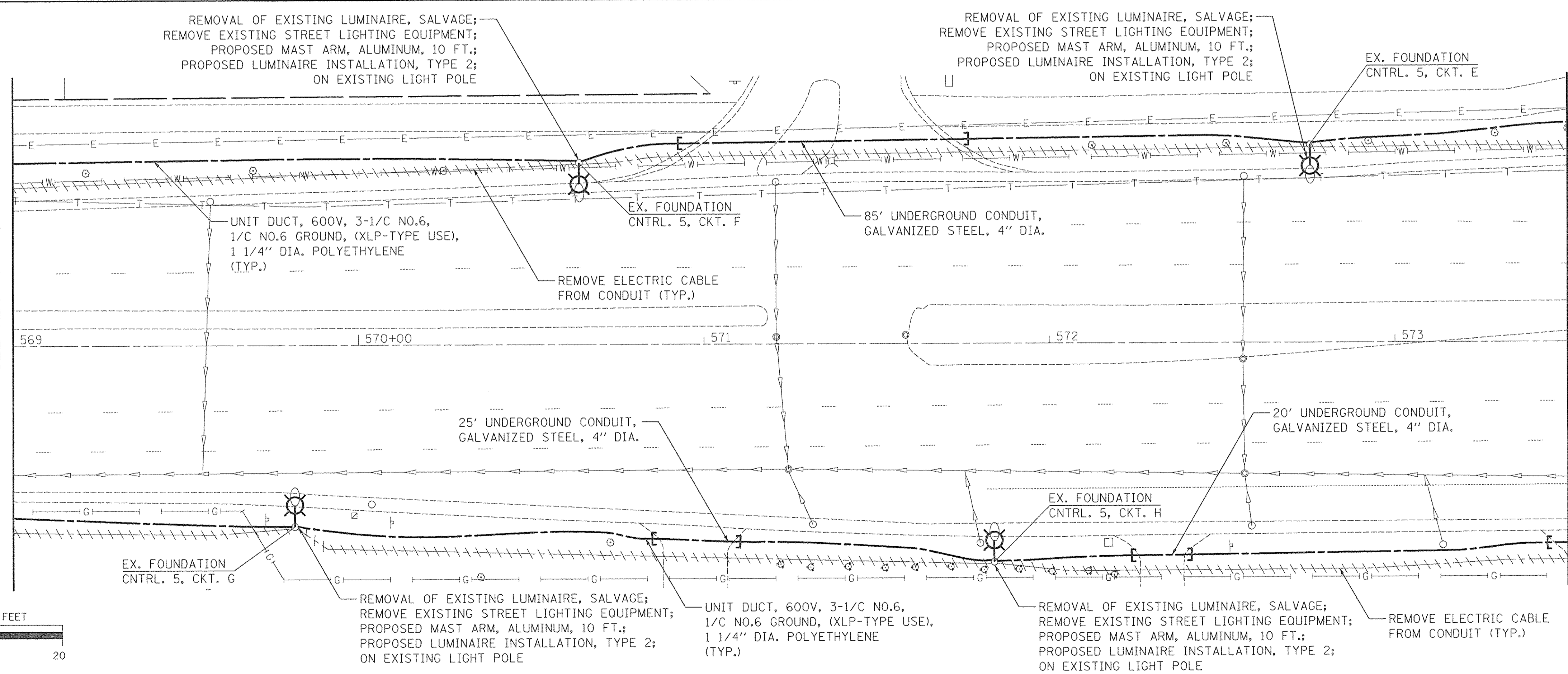
**VILLAGE OF SCHAUMBURG
 LT-1 ARTERIAL LIGHTING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	34
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



MEACHAM ROAD - LIGHTING PLAN



MEACHAM ROAD - LIGHTING PLAN

PLOT DRIVER = \$PLTDIVLS
 PEN TABLE = \$PENTBL5
 FILE NAME = ...A2834_sht_1128-Meacham.dgn



USER NAME = sjc	DESIGNED - SJC	REVISED -
	DRAWN - SJC	REVISED -
PLOT SCALE = 28.0000' / 1"	CHECKED - DNM	REVISED -
PLOT DATE = 8/18/2016	DATE - 08/08/2016	REVISED -

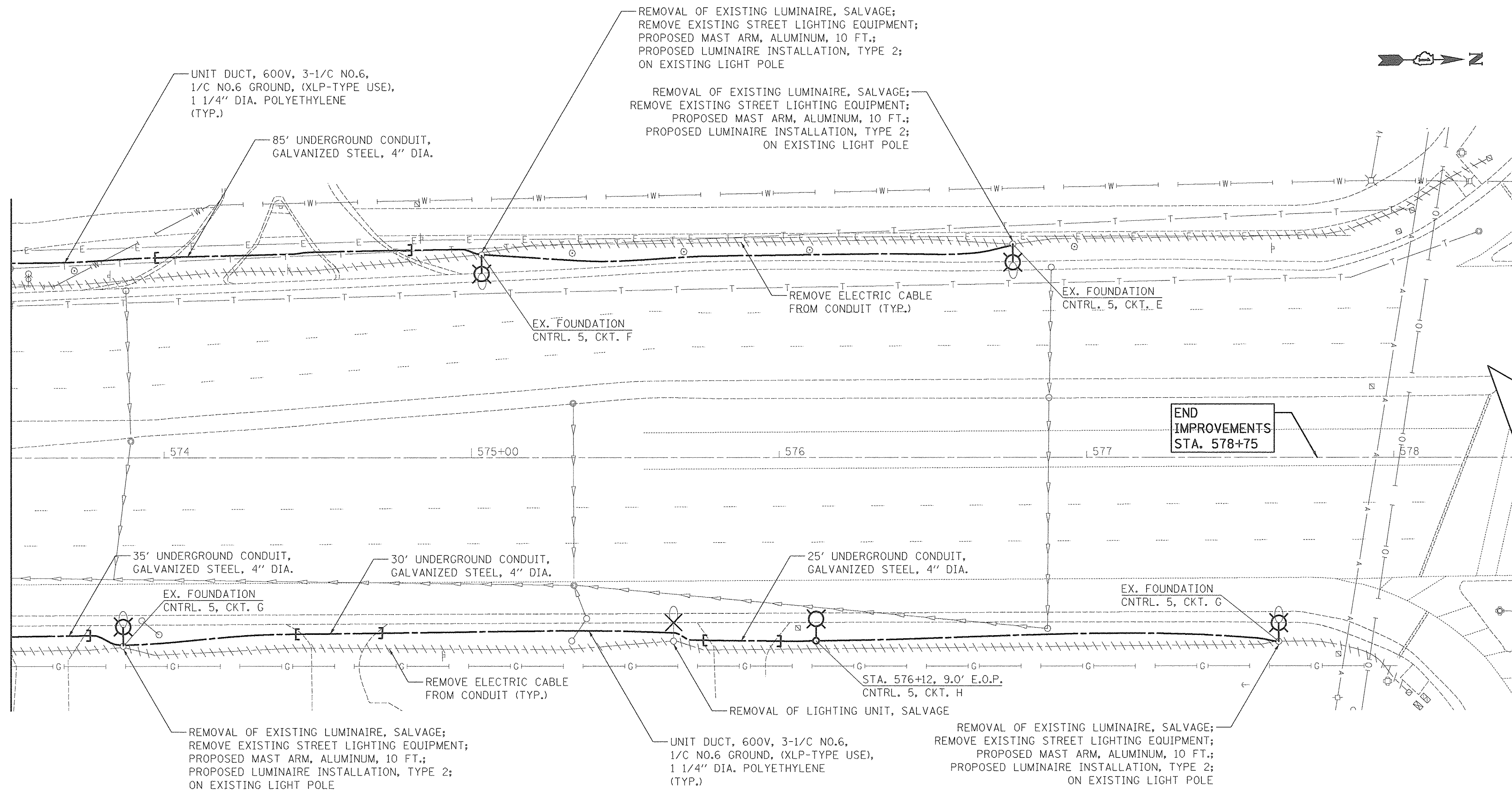
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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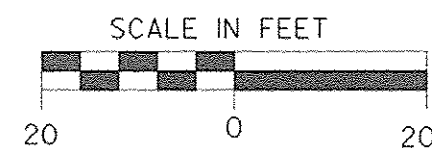
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	35
CONTRACT NO. 61D03				
[ILLINOIS] FED. AID PROJECT				

MATCH LINE STA. 573+50
SEE SHEET NO. 35.



NOTE

EXISTING LIGHTING ON MEACHAM ROAD FROM WILLOW ROAD TO HIGGINS ROAD ARE POWERED BY AN EXISTING 240/480 VOLT LIGHTING CONTROLLER ON MEACHAM ROAD NORTH OF WOODFIELD ROAD ON THE EAST SIDE OF THE STREET. THE EXISTING LIGHTS ON THE WEST SIDE OF MEACHAM ROAD SOUTH OF HIGGINS ROAD IS ON ALTERNATING CIRCUITS E AND G AND ON THE EAST SIDE IS ALTERNATING CIRCUITS A AND C. THESE EXISTING LIGHTS SHOWN ON THE PLANS WILL BE DISCONNECTED FROM THE EXISTING LIGHTING SYSTEM AND WILL BE POWERED BY THE PROPOSED LIGHTING CONTROLLER NO. 5.



PLOT DRIVER = \$PLTDVLS
PEN TABLE = \$PENTBL\$
FILE NAME = ...2934.sht..178-Meacham.dgn



USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/19/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

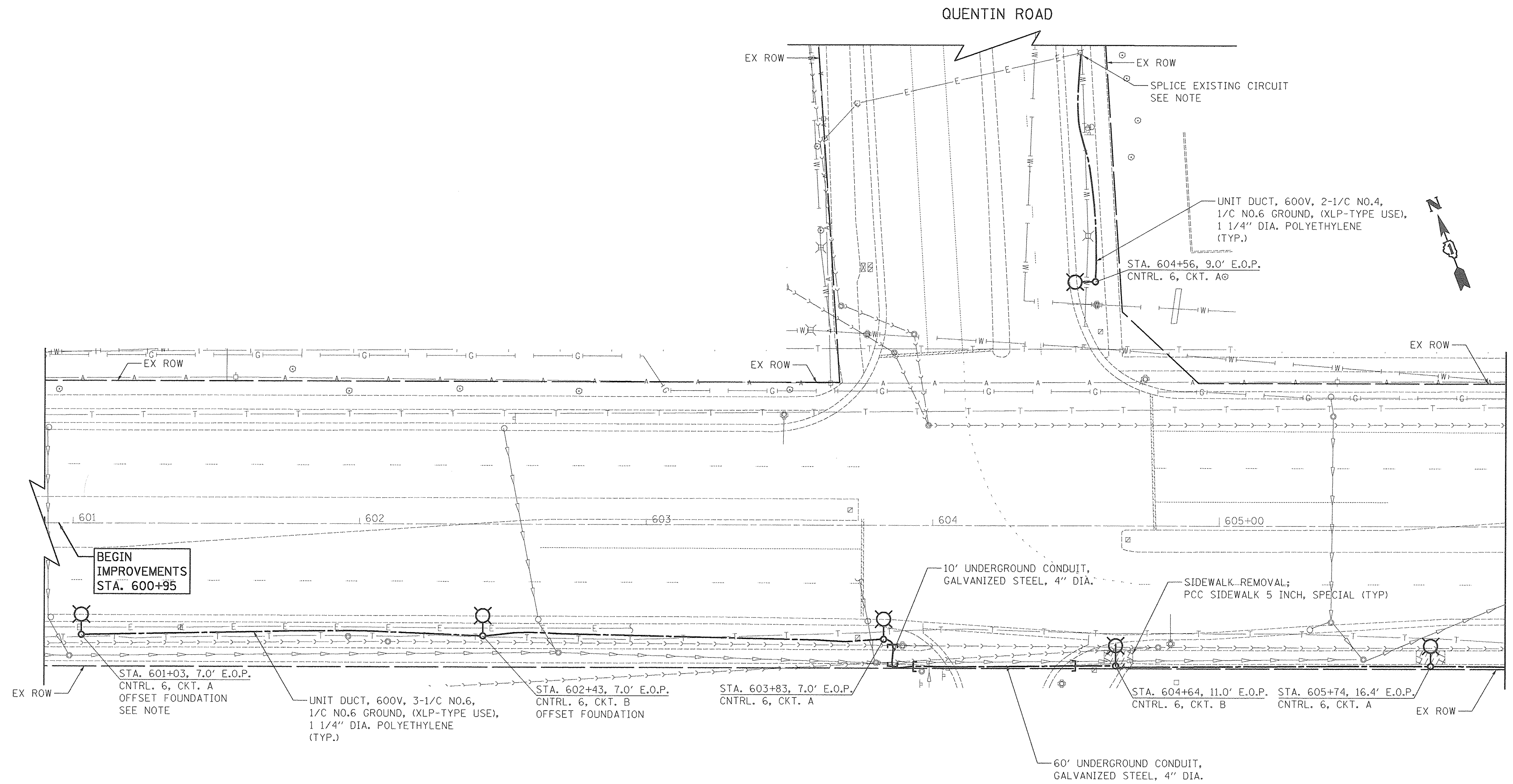
SCALE: SHEET OF SHEETS STA. TO STA.

MEACHAM ROAD - LIGHTING PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	36
CONTRACT NO. 61D03			ILLINOIS FED. AID PROJECT	

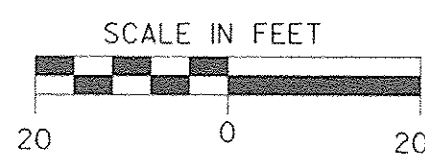
NOTE

ANY AND ALL WORK REQUIRED TO RUN THE PROPOSED UNIT DUCT INTO EXISTING FOUNDATION SLEEVE AND SPLICING IN EXISTING POLE TO EXISTING LUMINAIRE WITH A NEW FUSE KIT SHALL BE COVERED AND INCLUDED IN THE PAY ITEM FOR UNIT DUCT.



NOTE

AN EXTRA FOUNDATION SLEEVE WILL BE INSTALLED FOR FUTURE EXPANSION. THE SLEEVE SHALL BE SEALED AND CAPPED TO PREVENT MOISTURE OR CONTAMINANTS. MATERIAL AND LABOR WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE PAY ITEM FOR LIGHT POLE FOUNDATION.



MATCH LINE STA. 606+00
SEE SHEET NO. 38.

ALGONQUIN ROAD - LIGHTING PLAN

PLOT DRIVER = \$PLTDRVL6
PEN TABLE = \$PENTBL6
FILE NAME = ...\\2934.shk.L127-A\gprundn.dgn



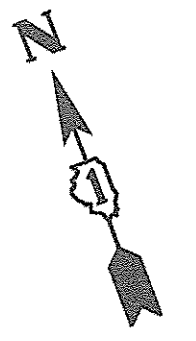
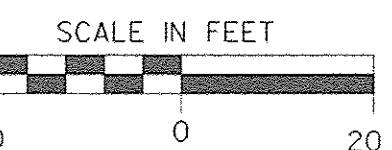
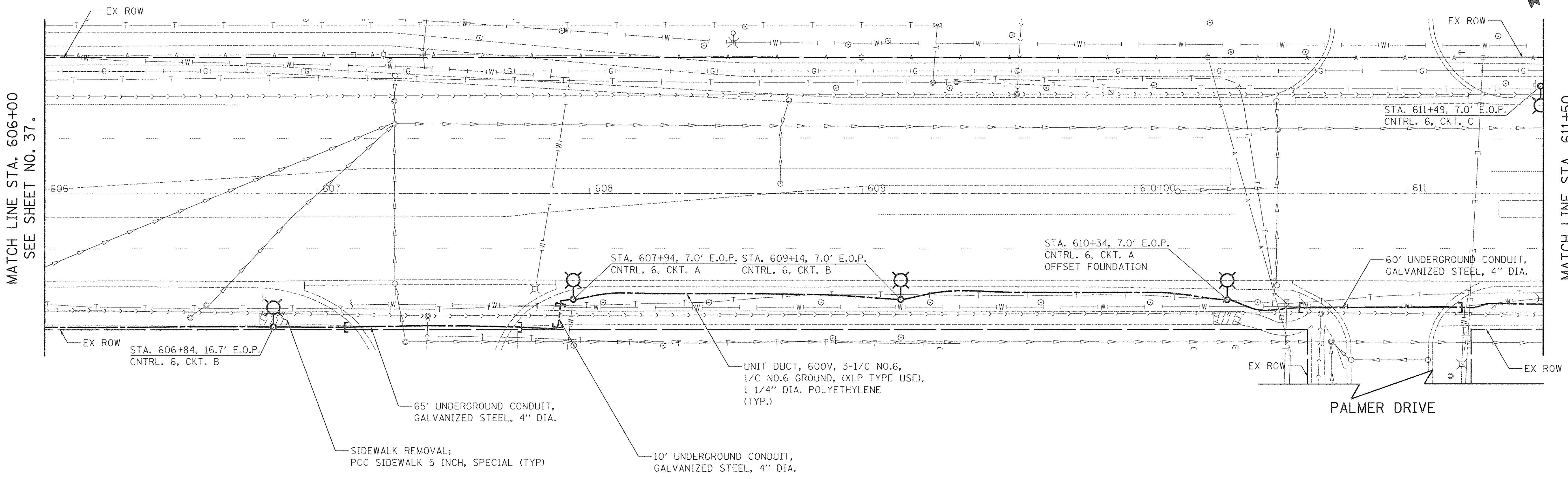
USER NAME = sjc	DESIGNED - SJC	REVISED -
	DRAWN - SJC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 8/18/2016	DATE - \$DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.#UP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\$RTE	15-00118-00-LT	COOK/DUPAGE	64	37
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 606+00
SEE SHEET NO. 37.

MATCH LINE STA. 611+50
SEE SHEET NO. 39.

PLOT DRIVER = \$PLTDVLS\$
PEN TABLE = \$PENTBL\$
FILE NAME = ... \2016_08_18_11_27 - Algonquin_2.dgn



USER NAME = sjc
PLOT SCALE = 20.0000' / 1"
PLOT DATE = 8/18/2016

DESIGNED - SJC
DRAWN - SJC
CHECKED - DNM
DATE - \$DATE

REVISED -
REVISED -
REVISED -
REVISED -

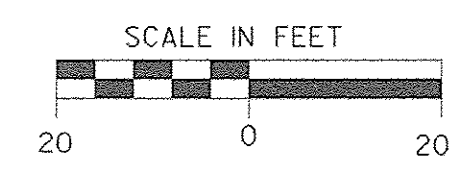
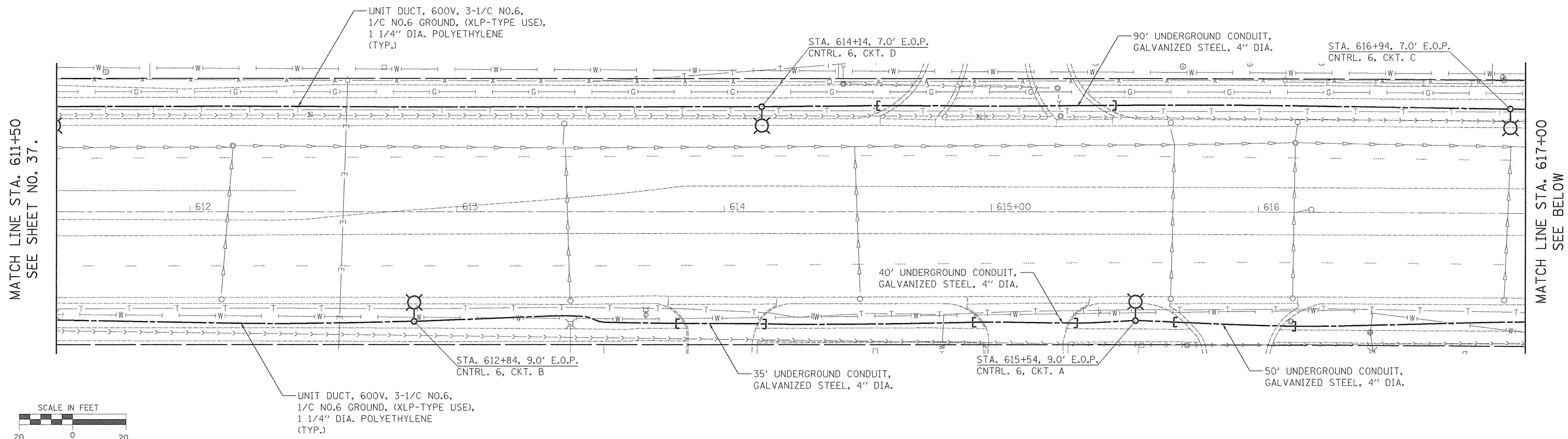
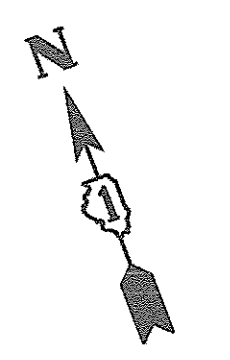
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

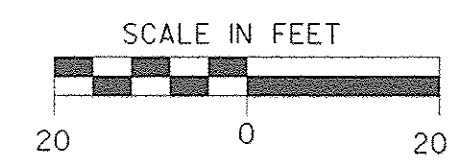
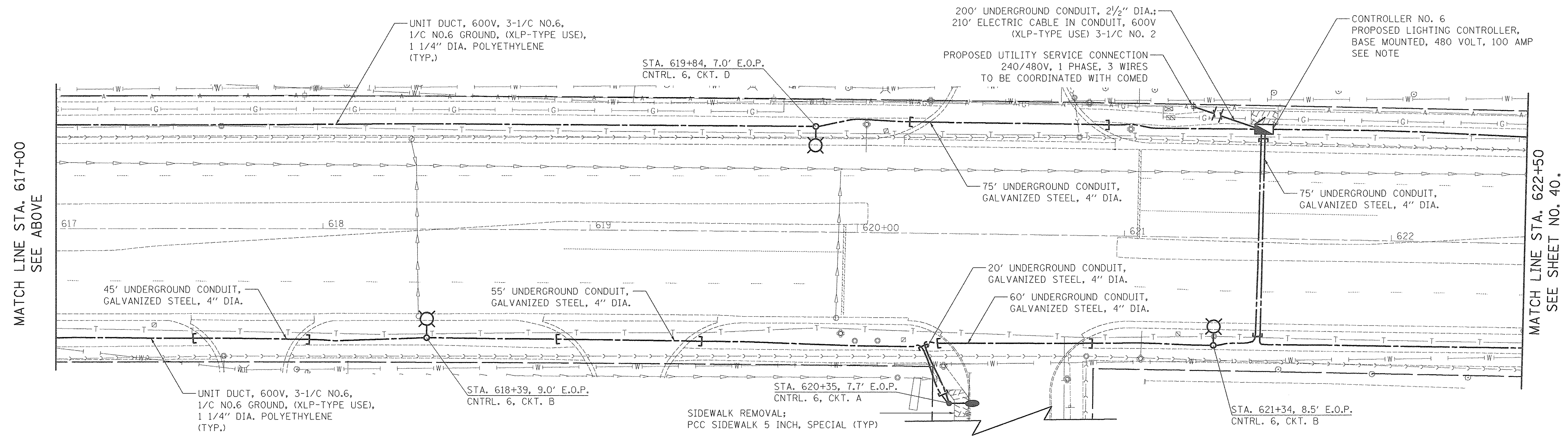
SCALE: SHEET OF SHEETS STA. TO STA.

ALGONQUIN ROAD - LIGHTING PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	38
CONTRACT NO. 61D03			ILLINOIS FED. AID PROJECT	



ALGONQUIN ROAD - LIGHTING PLAN



NOTE
 CONTROLLER CABINET DOOR SHALL BE ON THE PARKWAY SIDE OF THE CABINET, OPPOSITE THE ROADWAY. THE DOOR HINGE SHALL BE ON THE DOWNSTREAM SIDE OF THE CABINET SO THAT THE DOOR, WHEN OPEN, DOES NOT BLOCK THE VIEW OF ONCOMING TRAFFIC.

ALGONQUIN ROAD - LIGHTING PLAN

PLOT DRIVER = \$PLTDRAWL\$
 PEN TABLE = \$PENTBL\$
 FILE NAME = ... \2013\4_sht-L12B-Algonquin.rvt



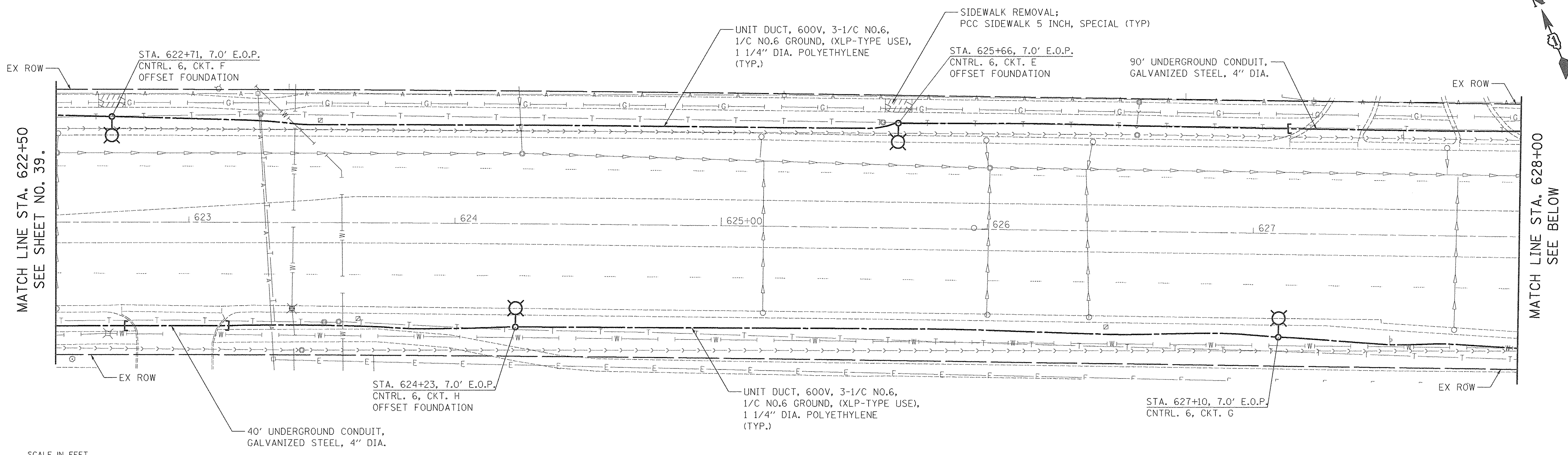
USER NAME = sjo	DESIGNED - SJC	REVISED -
PLOT SCALE = 28.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

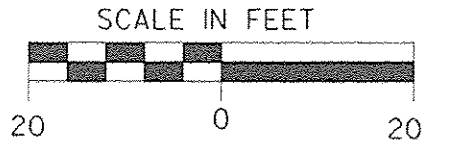
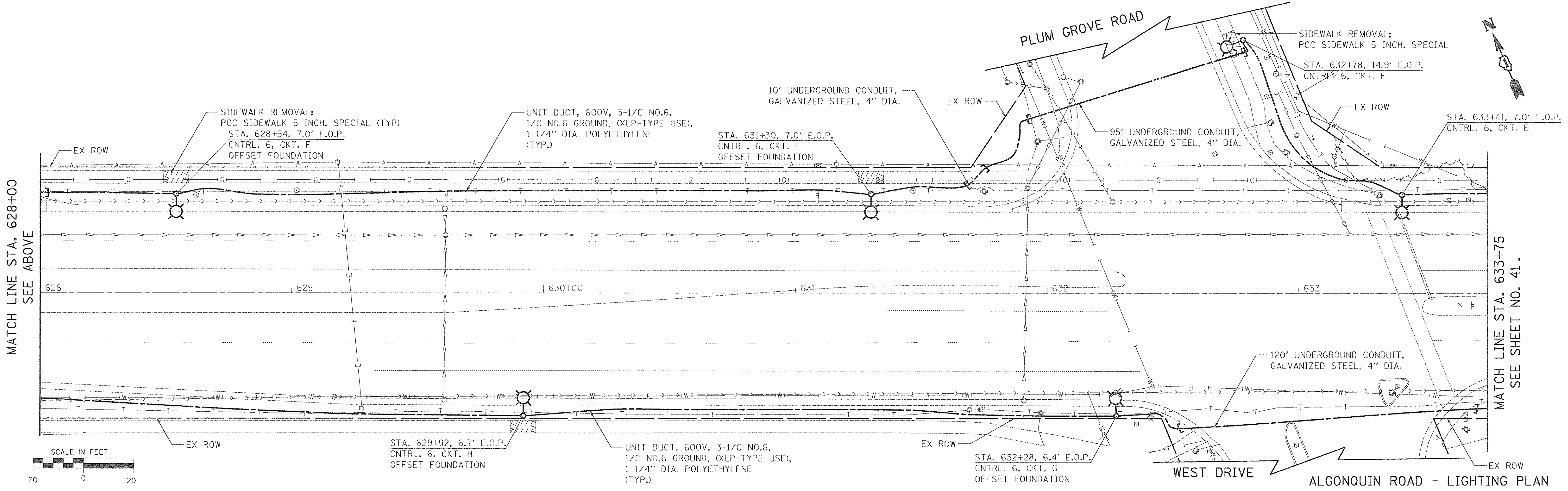
VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	39
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



ALGONQUIN ROAD - LIGHTING PLAN



ALGONQUIN ROAD - LIGHTING PLAN

PLOT DRIVER = \$PLTDVLS\$
 PEN TABLE = \$PENTBL\$
 FILE NAME = ...\\Z934_sht.L125-Algonquin.dgn



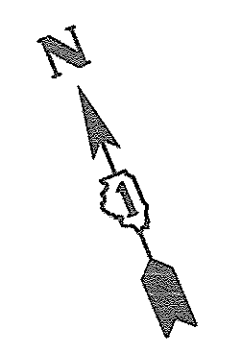
USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

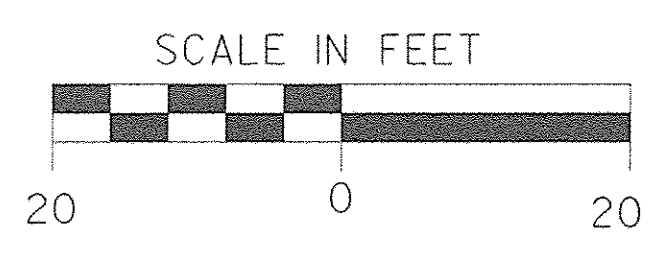
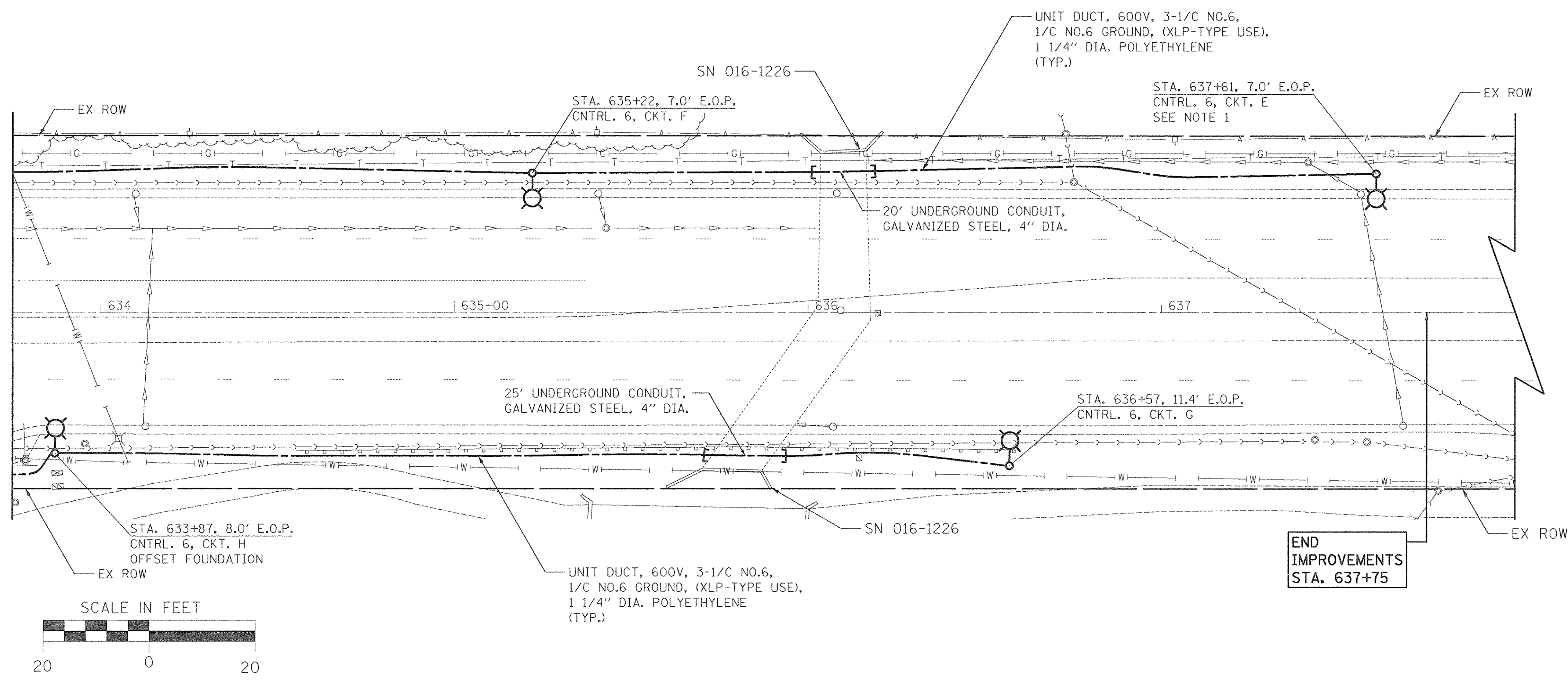
VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	40
CONTRACT NO. 61D03			ILLINOIS FED. AID PROJECT	



MATCH LINE STA. 633+75
SEE SHEET NO. 40.



NOTES

1. AN EXTRA FOUNDATION SLEEVE WILL BE INSTALLED FOR FUTURE EXPANSION. THE SLEEVE SHALL BE SEALED AND CAPPED TO PREVENT MOISTURE OR CONTAMINANTS. MATERIAL AND LABOR WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE PAY ITEM FOR LIGHT POLE FOUNDATION.

END
IMPROVEMENTS
STA. 637+75

ALGONQUIN ROAD - LIGHTING PLAN

PLOT DRIVER = \$PLTDVLS
PEN TABLE = \$PENTBL\$
FILE NAME = ... \2016\130-Algonquin.dgn



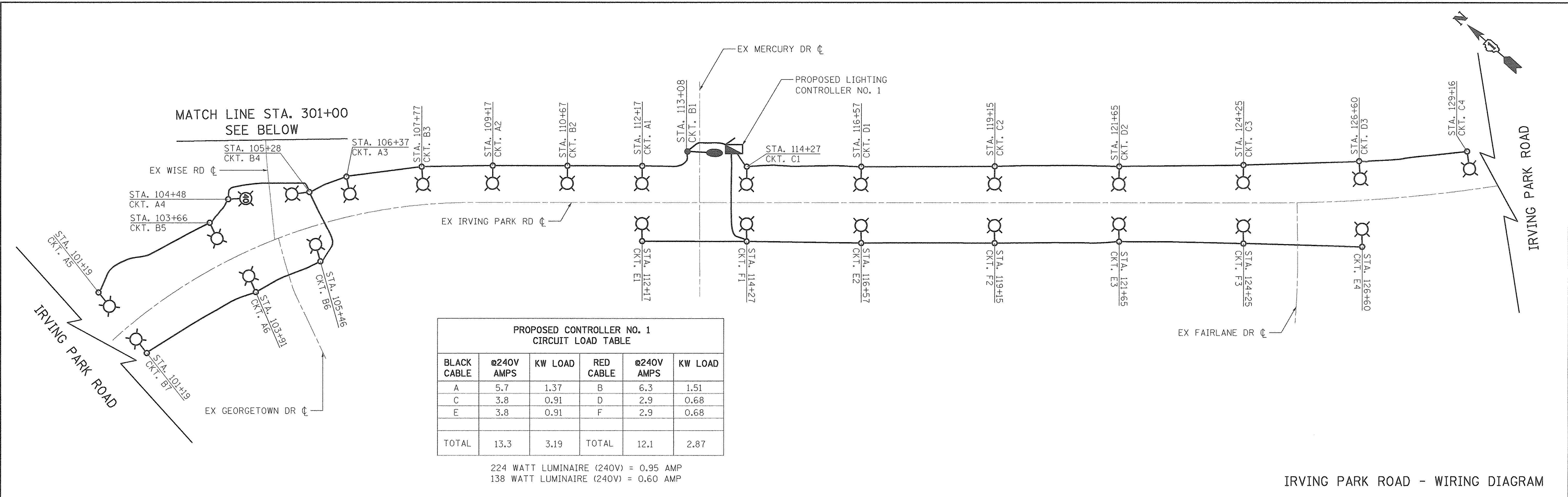
USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

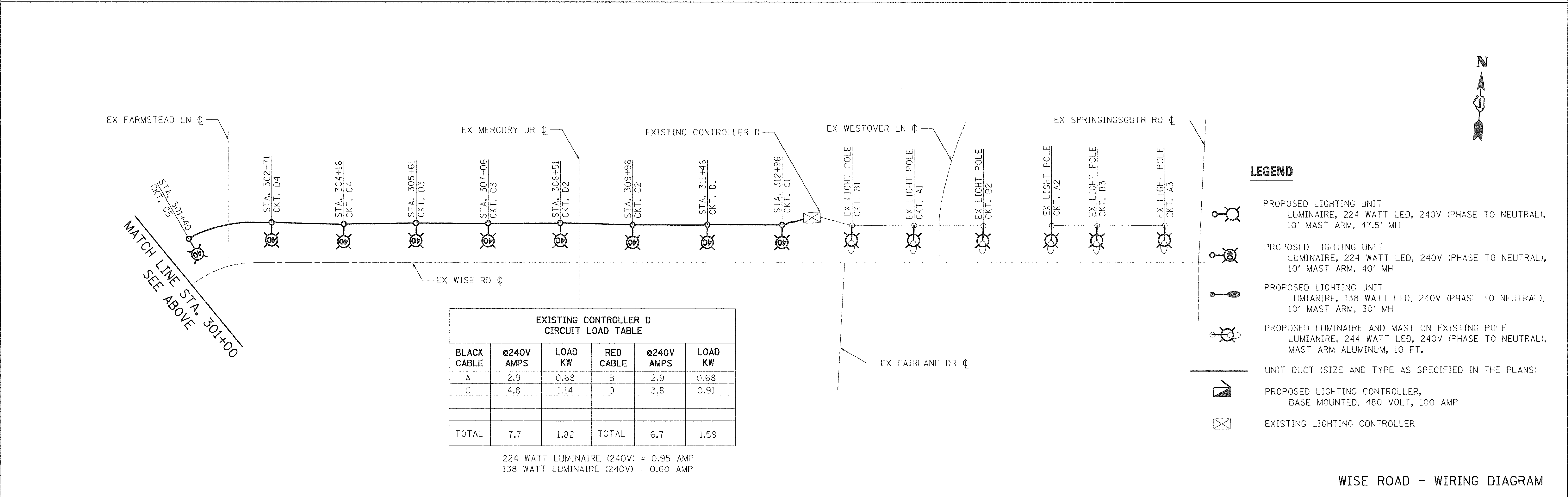
**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	41
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



IRVING PARK ROAD - WIRING DIAGRAM



WISE ROAD - WIRING DIAGRAM

LEGEND

- PROPOSED LIGHTING UNIT
LUMINAIRE, 224 WATT LED, 240V (PHASE TO NEUTRAL),
10' MAST ARM, 47.5' MH
- PROPOSED LIGHTING UNIT
LUMINAIRE, 224 WATT LED, 240V (PHASE TO NEUTRAL),
10' MAST ARM, 40' MH
- PROPOSED LIGHTING UNIT
LUMINAIRE, 138 WATT LED, 240V (PHASE TO NEUTRAL),
10' MAST ARM, 30' MH
- PROPOSED LUMINAIRE AND MAST ON EXISTING POLE
LUMINAIRE, 244 WATT LED, 240V (PHASE TO NEUTRAL),
MAST ARM ALUMINUM, 10 FT.
- UNIT DUCT (SIZE AND TYPE AS SPECIFIED IN THE PLANS)
- PROPOSED LIGHTING CONTROLLER,
BASE MOUNTED, 480 VOLT, 100 AMP
- EXISTING LIGHTING CONTROLLER

PLOT DRIVER = sja TORVILS
 PEN TABLE = sja TORVILS
 FILE NAME = \\s2934.Dat\01.IrvingPark\wise_wiring.dwg.sja



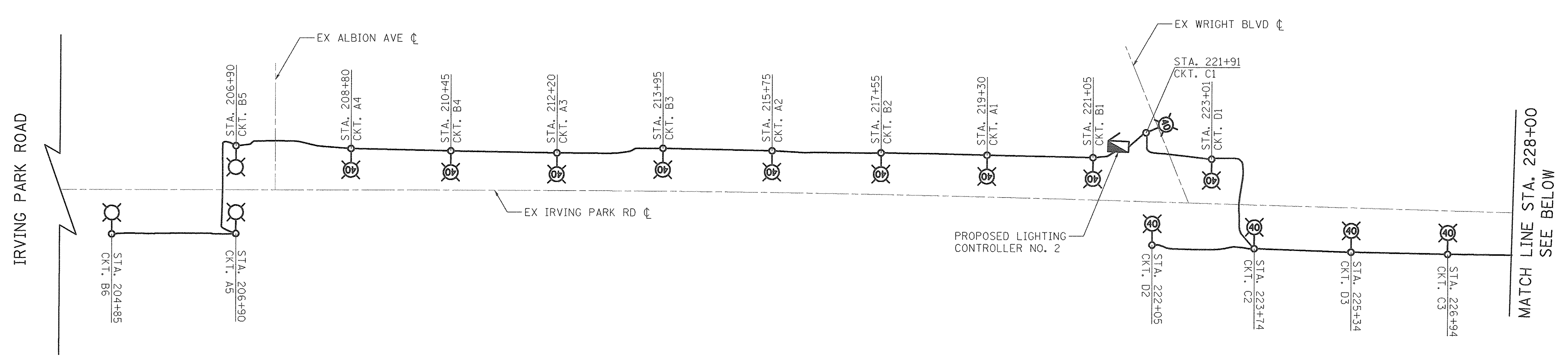
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PLOT SCALE = 28.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	42
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



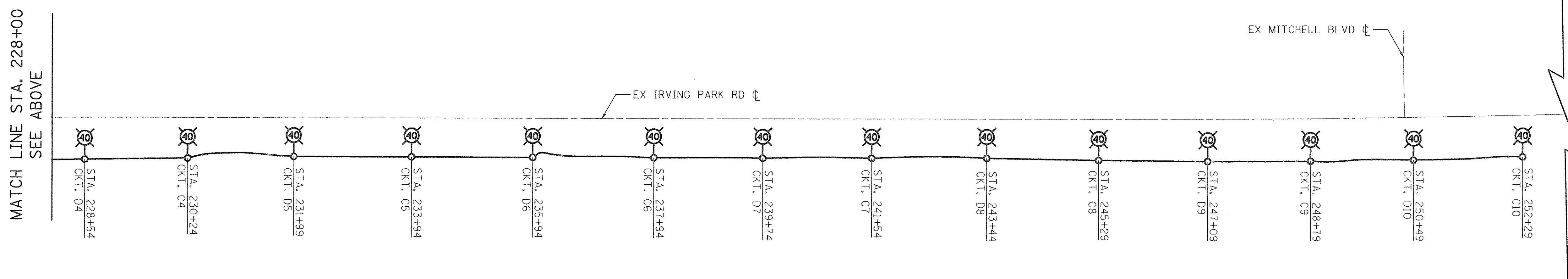
**PROPOSED CONTROLLER NO. 2
CIRCUIT LOAD TABLE**

BLACK CABLE	@240V AMPS	LOAD KW	RED CABLE	@240V AMPS	LOAD KW
A	4.8	1.14	B	5.7	1.37
C	9.5	2.28	D	9.5	2.28
TOTAL		14.3	TOTAL		15.2
		3.42			3.65

224 WATT LUMINAIRE (240V) = 0.95 AMP
 138 WATT LUMINAIRE (240V) = 0.60 AMP

LEGEND

- PROPOSED LIGHTING UNIT
LUMINAIRE, 224 WATT LED, 240V (PHASE TO NEUTRAL),
10' MAST ARM, 47.5' MH
- PROPOSED LIGHTING UNIT
LUMINAIRE, 224 WATT LED, 240V (PHASE TO NEUTRAL),
10' MAST ARM, 40' MH
- UNIT DUCT (SIZE AND TYPE AS SPECIFIED IN THE PLANS)
- PROPOSED LIGHTING CONTROLLER,
BASE MOUNTED, 480 VOLT, 100 AMP



IRVING PARK ROAD - WIRING DIAGRAM

PLOT DRIVER = #PLTDVLS
 PEN TABLE = #PENTBLLS
 FILE NAME = ...\\2034_Det.02 Irving wiring diag.dgn



USER NAME = sjo	DESIGNED - SJC	REVISED -
PLOT SCALE = 20,0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	43
			CONTRACT NO. 61003	
ILLINOIS FED. AID PROJECT				

PLOT DRIVER = \$PLTDVRL\$
 PEN TABLE = \$PENTBL\$
 FILE NAME = ..\2016\Dec\03 Golf wiring diag.dgn



USER NAME = sjc	DESIGNED - SJC	REVISED -
	DRAWN - SJC	REVISED -
PLOT SCALE = 28.8000' / 1"	CHECKED - DNM	REVISED -
PLOT DATE = 8/18/2016	DATE - 08/08/2016	REVISED -

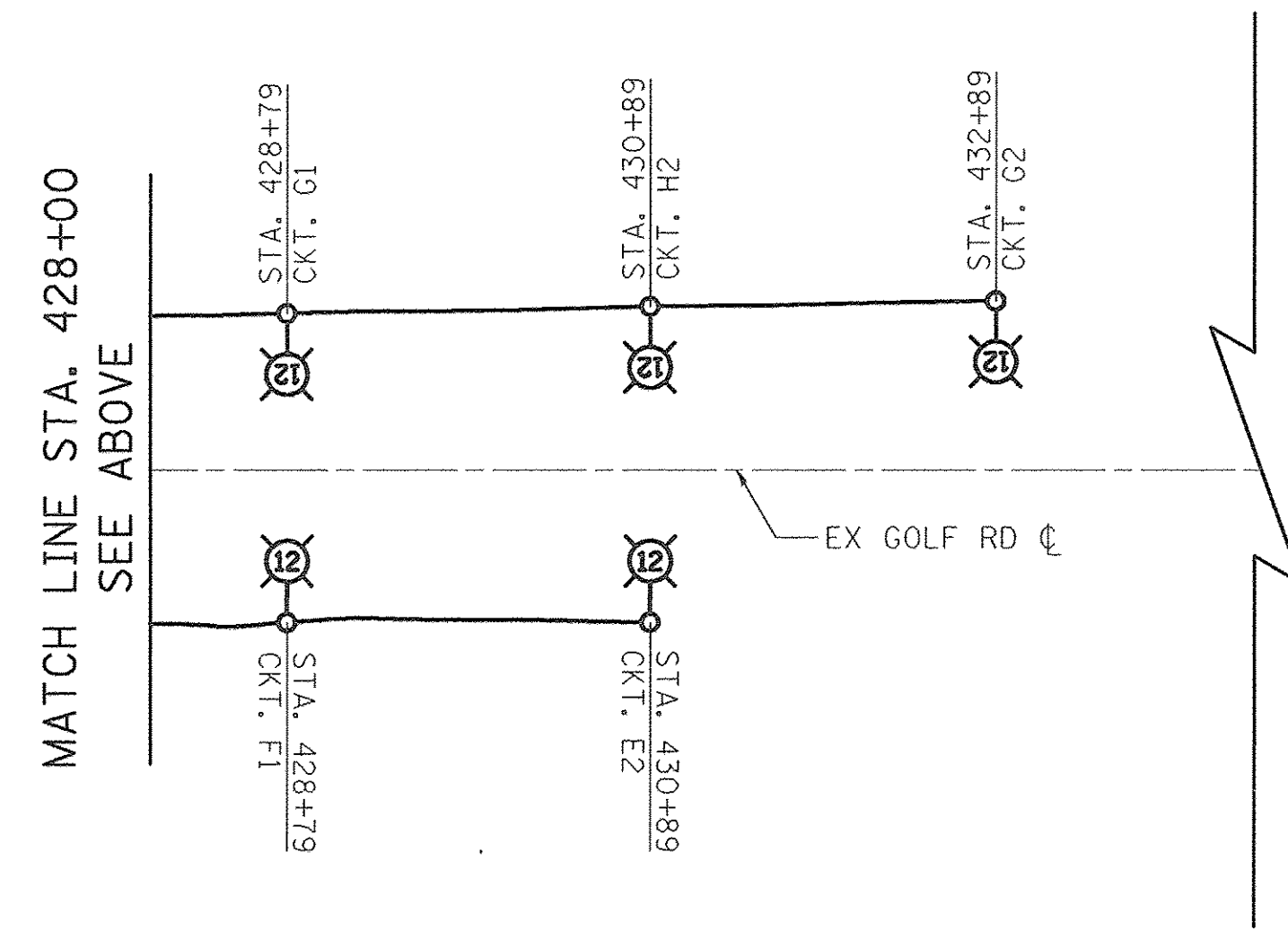
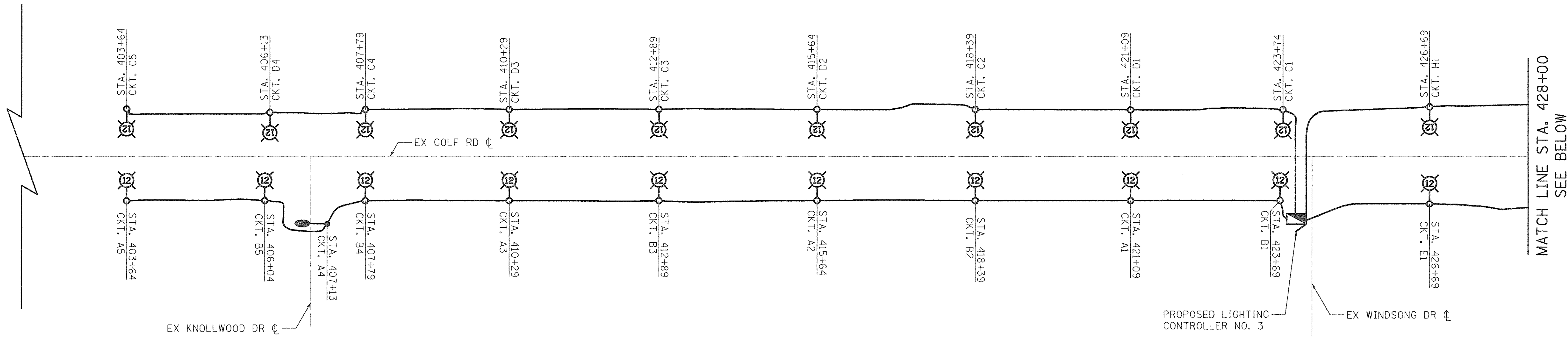
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
 LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	44
CONTRACT NO. 61D03			ILLINOIS FED. AID PROJECT	

GOLF ROAD - WIRING DIAGRAM

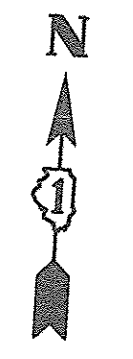
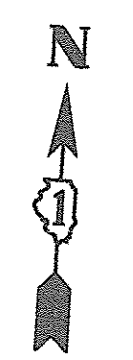


PROPOSED CONTROLLER NO. 3
 CIRCUIT LOAD TABLE

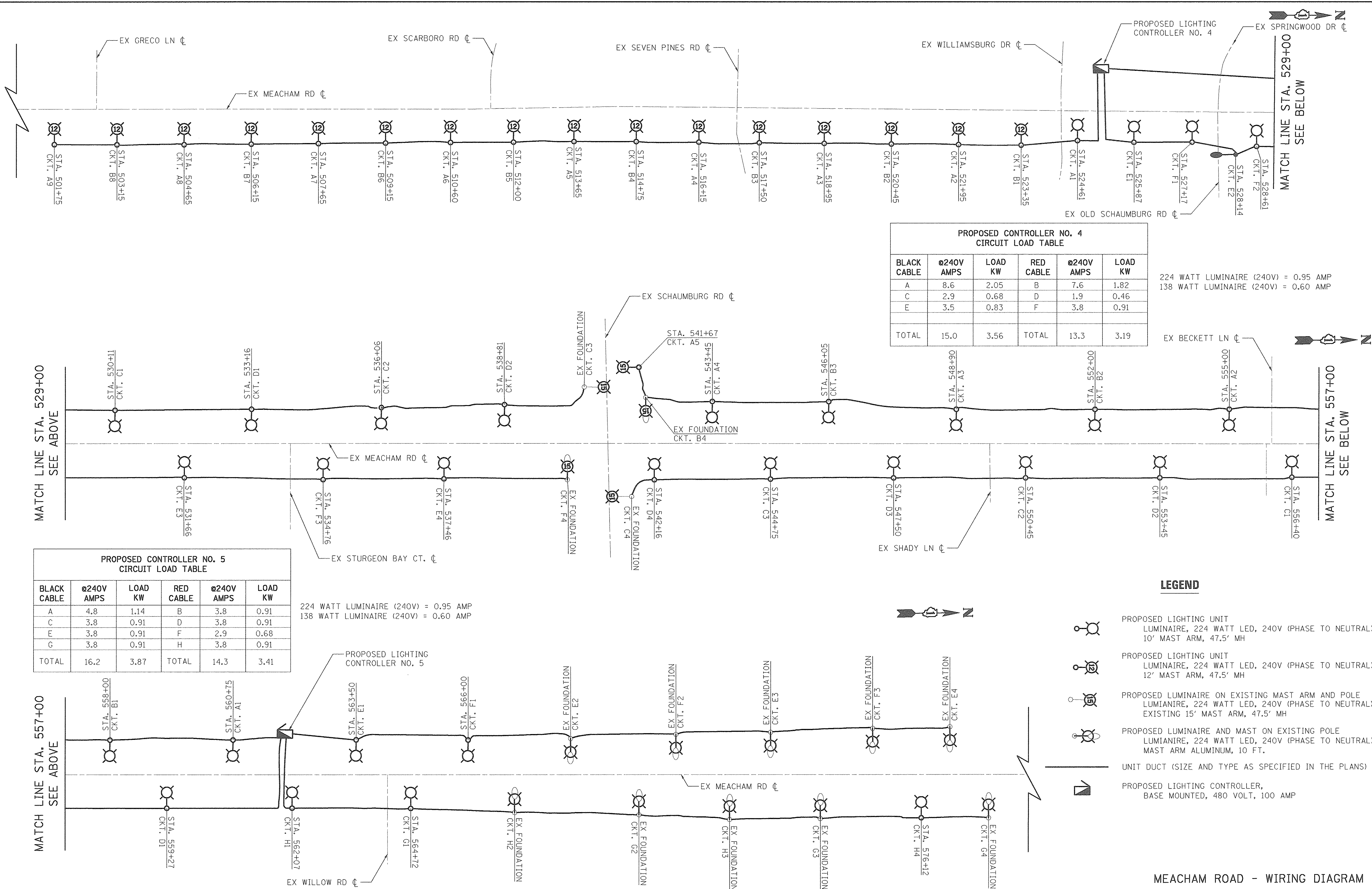
BLACK CABLE	@240V AMPS	LOAD KW	RED CABLE	@240V AMPS	LOAD KW
A	4.4	1.06	B	4.8	1.14
C	4.8	1.14	D	3.8	0.91
E	1.9	0.46	F	1.0	0.24
G	1.9	0.46	H	1.9	0.46
TOTAL	13.0	3.12	TOTAL	12.1	2.87

224 WATT LUMINAIRE (240V) = 0.95 AMP
 138 WATT LUMINAIRE (240V) = 0.60 AMP

- LEGEND**
- PROPOSED LIGHTING UNIT
LUMINAIRE, 224 WATT LED, 240V (PHASE TO NEUTRAL),
12' MAST ARM, 47.5' MH
 - PROPOSED LIGHTING UNIT
LUMINAIRE, 138 WATT LED, 240V (PHASE TO NEUTRAL),
10' MAST ARM, 30' MH
 - UNIT DUCT (SIZE AND TYPE AS SPECIFIED IN THE PLANS)
 - PROPOSED LIGHTING CONTROLLER,
BASE MOUNTED, 480 VOLT, 100 AMP



PLOT DRIVER = \$PLTDRVL\$
 PEN TABLE = \$PENTBL\$
 FILE NAME = ...2934.Det.01 Meacham wiring diag.dgn



**PROPOSED CONTROLLER NO. 4
CIRCUIT LOAD TABLE**

BLACK CABLE	@240V AMPS	LOAD KW	RED CABLE	@240V AMPS	LOAD KW
A	8.6	2.05	B	7.6	1.82
C	2.9	0.68	D	1.9	0.46
E	3.5	0.83	F	3.8	0.91
TOTAL	15.0	3.56	TOTAL	13.3	3.19

224 WATT LUMINAIRE (240V) = 0.95 AMP
 138 WATT LUMINAIRE (240V) = 0.60 AMP

**PROPOSED CONTROLLER NO. 5
CIRCUIT LOAD TABLE**

BLACK CABLE	@240V AMPS	LOAD KW	RED CABLE	@240V AMPS	LOAD KW
A	4.8	1.14	B	3.8	0.91
C	3.8	0.91	D	3.8	0.91
E	3.8	0.91	F	2.9	0.68
G	3.8	0.91	H	3.8	0.91
TOTAL	16.2	3.87	TOTAL	14.3	3.41

224 WATT LUMINAIRE (240V) = 0.95 AMP
 138 WATT LUMINAIRE (240V) = 0.60 AMP

- LEGEND**
- PROPOSED LIGHTING UNIT
LUMINAIRE, 224 WATT LED, 240V (PHASE TO NEUTRAL),
10' MAST ARM, 47.5' MH
 - PROPOSED LIGHTING UNIT
LUMINAIRE, 224 WATT LED, 240V (PHASE TO NEUTRAL),
12' MAST ARM, 47.5' MH
 - PROPOSED LUMINAIRE ON EXISTING MAST ARM AND POLE
LUMINAIRE, 224 WATT LED, 240V (PHASE TO NEUTRAL),
EXISTING 15' MAST ARM, 47.5' MH
 - PROPOSED LUMINAIRE AND MAST ON EXISTING POLE
LUMINAIRE, 224 WATT LED, 240V (PHASE TO NEUTRAL),
MAST ARM ALUMINUM, 10 FT.
 - UNIT DUCT (SIZE AND TYPE AS SPECIFIED IN THE PLANS)
 - PROPOSED LIGHTING CONTROLLER,
BASE MOUNTED, 480 VOLT, 100 AMP



USER NAME = sjc
 DESIGNED - SJC
 DRAWN - SJC
 PLOT SCALE = 20.0000' / 1"
 CHECKED - DNM
 PLOT DATE = 8/18/2016
 DATE - 08/08/2016

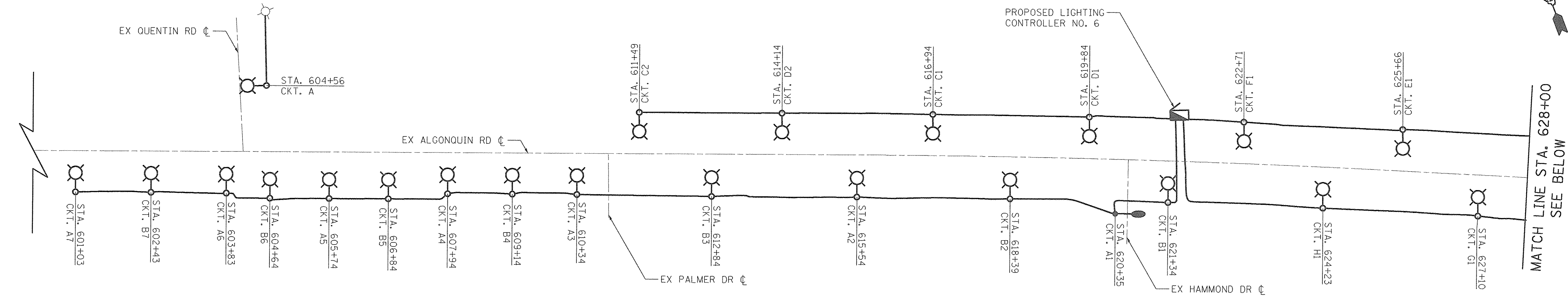
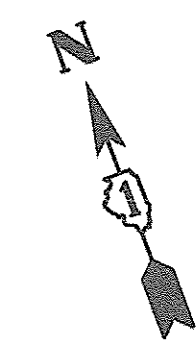
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

SCALE: SHEET OF SHEETS STA. TO STA.

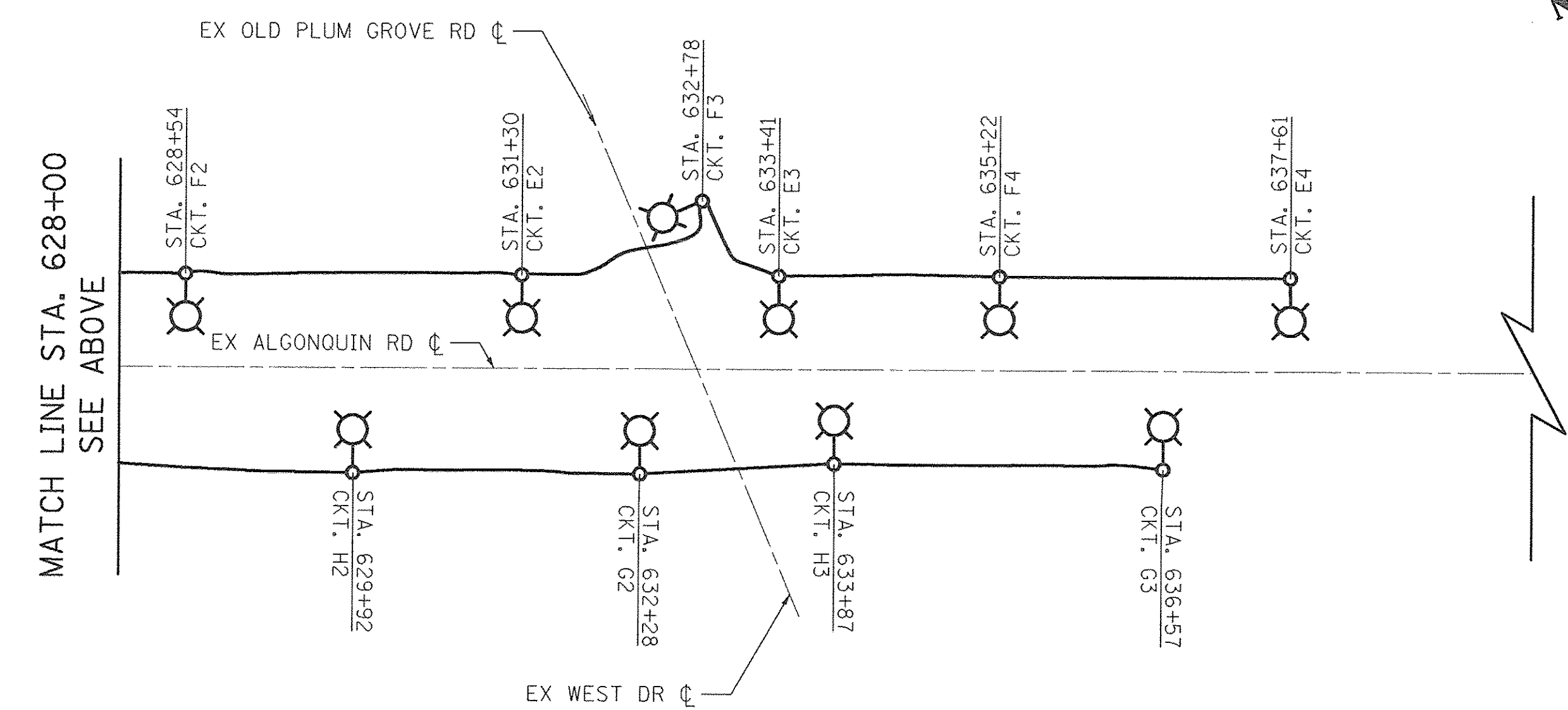
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	45
CONTRACT NO.			61D03	
ILLINOIS FED. AID PROJECT				



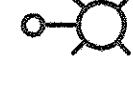




**PROPOSED CONTROLLER NO. 6
CIRCUIT LOAD TABLE**

BLACK CABLE	@240V AMPS	LOAD KW	RED CABLE	@240V AMPS	LOAD KW
A	6.7	1.60	B	6.7	1.60
C	1.9	0.46	D	1.9	0.46
E	3.8	0.91	F	3.8	0.91
G	2.9	0.68	H	2.9	0.68
TOTAL	15.3	3.65	TOTAL	15.3	3.65

224 WATT LUMINAIRE (240V) = 0.95 AMP
 138 WATT LUMINAIRE (240V) = 0.60 AMP



LEGEND

-  PROPOSED LIGHTING UNIT
LUMINAIRE, 224 WATT LED, 240V (PHASE TO NEUTRAL),
10' MAST ARM, 47.5' MH
-  PROPOSED LIGHTING UNIT
LUMINAIRE, 138 WATT LED, 240V (PHASE TO NEUTRAL),
10' MAST ARM, 30' MH
-  UNIT DUCT (SIZE AND TYPE AS SPECIFIED IN THE PLANS)
-  PROPOSED LIGHTING CONTROLLER,
BASE MOUNTED, 480 VOLT, 100 AMP
-  EXISTING LIGHTING UNIT ON - 250 WATT HPS

PLOT DRIVER = \$PLTDVLS
 PEN TABLE = \$PENTBL\$
 FILE NAME = ...\\V334\Des.05 Algonquin wiring.dwg



USER NAME = aje	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

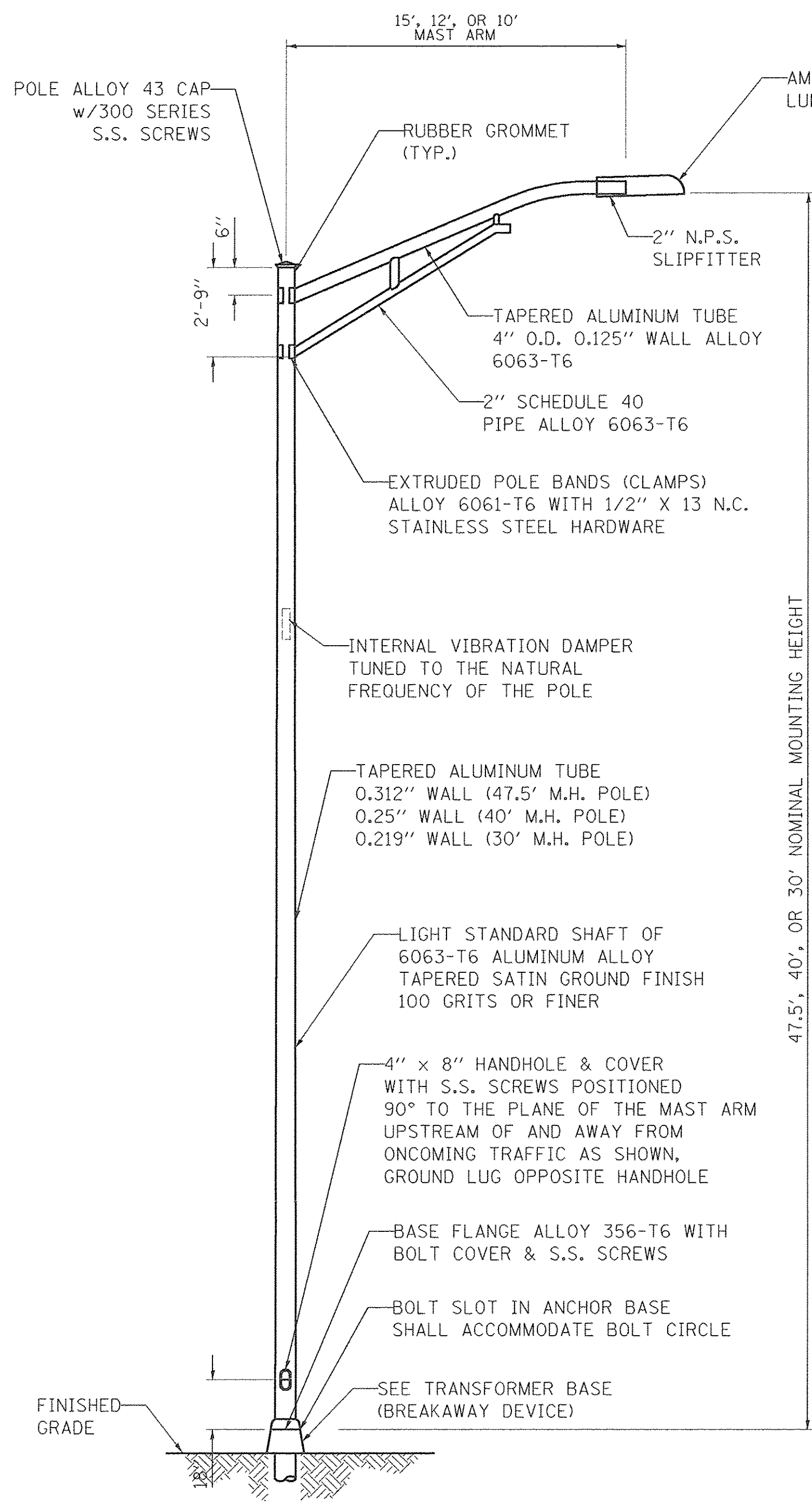
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

SCALE: SHEET OF SHEETS STA. TO STA.

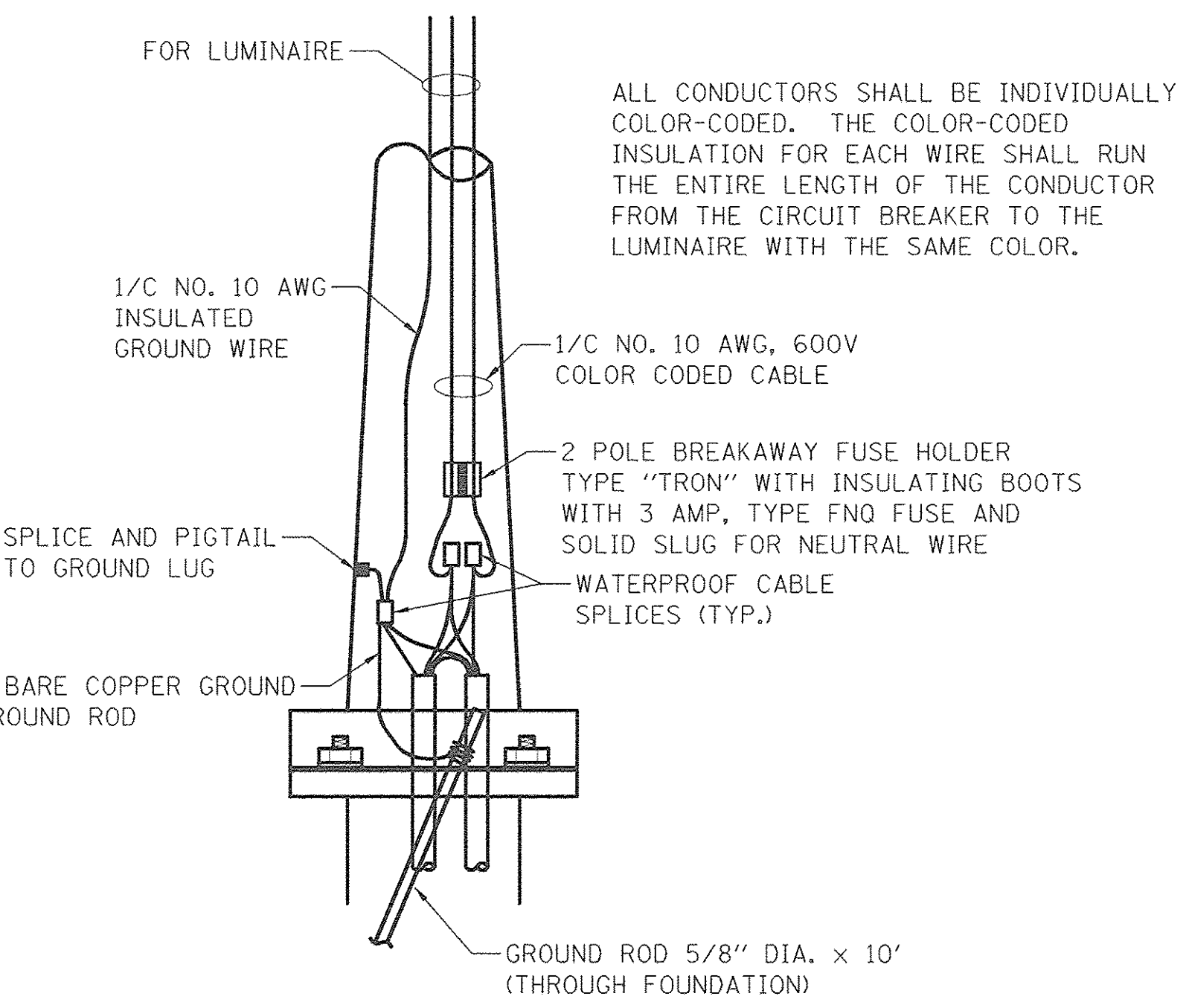
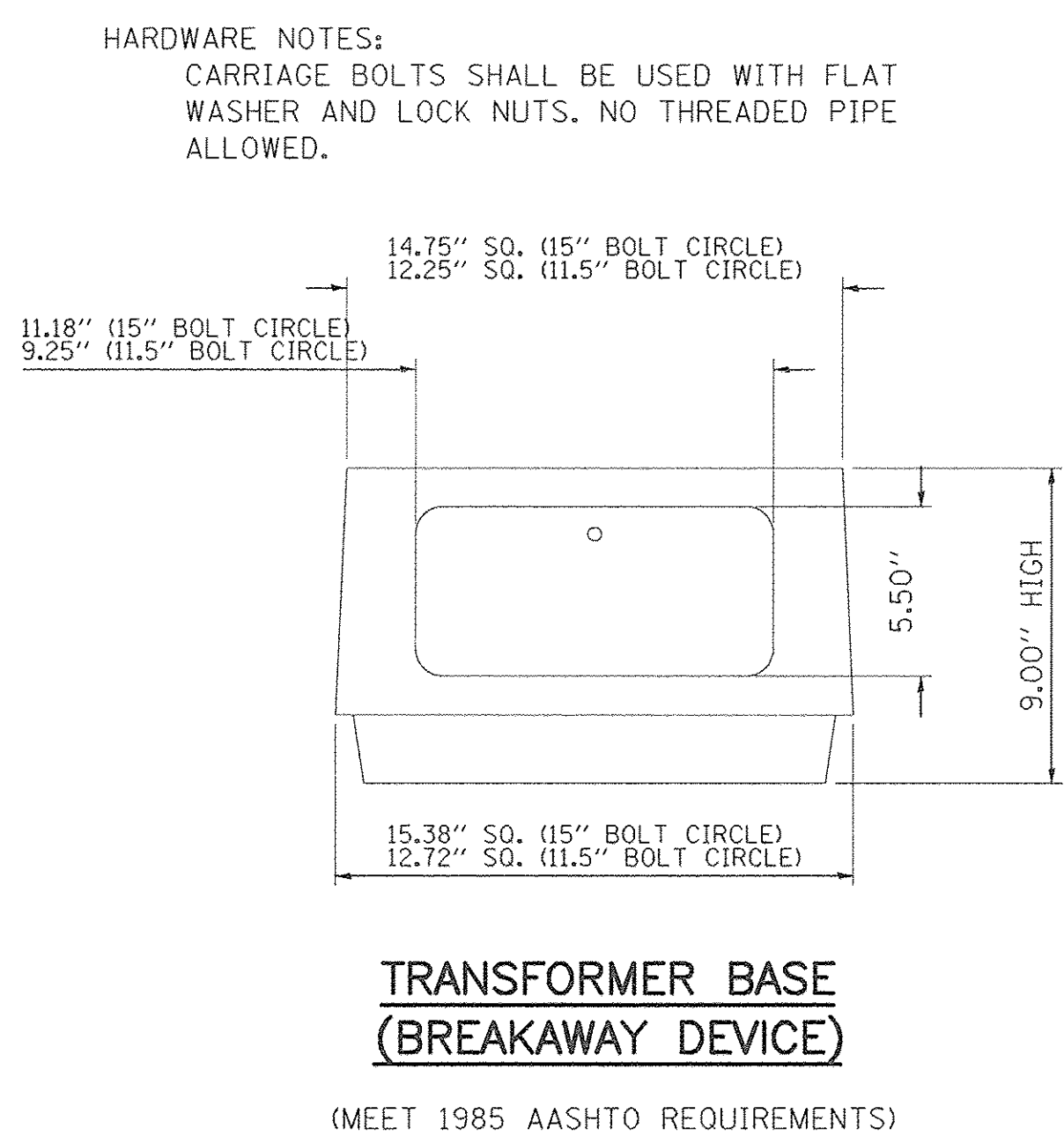
ALGONQUIN ROAD - WIRING DIAGRAM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	46
CONTRACT NO. 61003				
ILLINOIS FED. AID PROJECT				

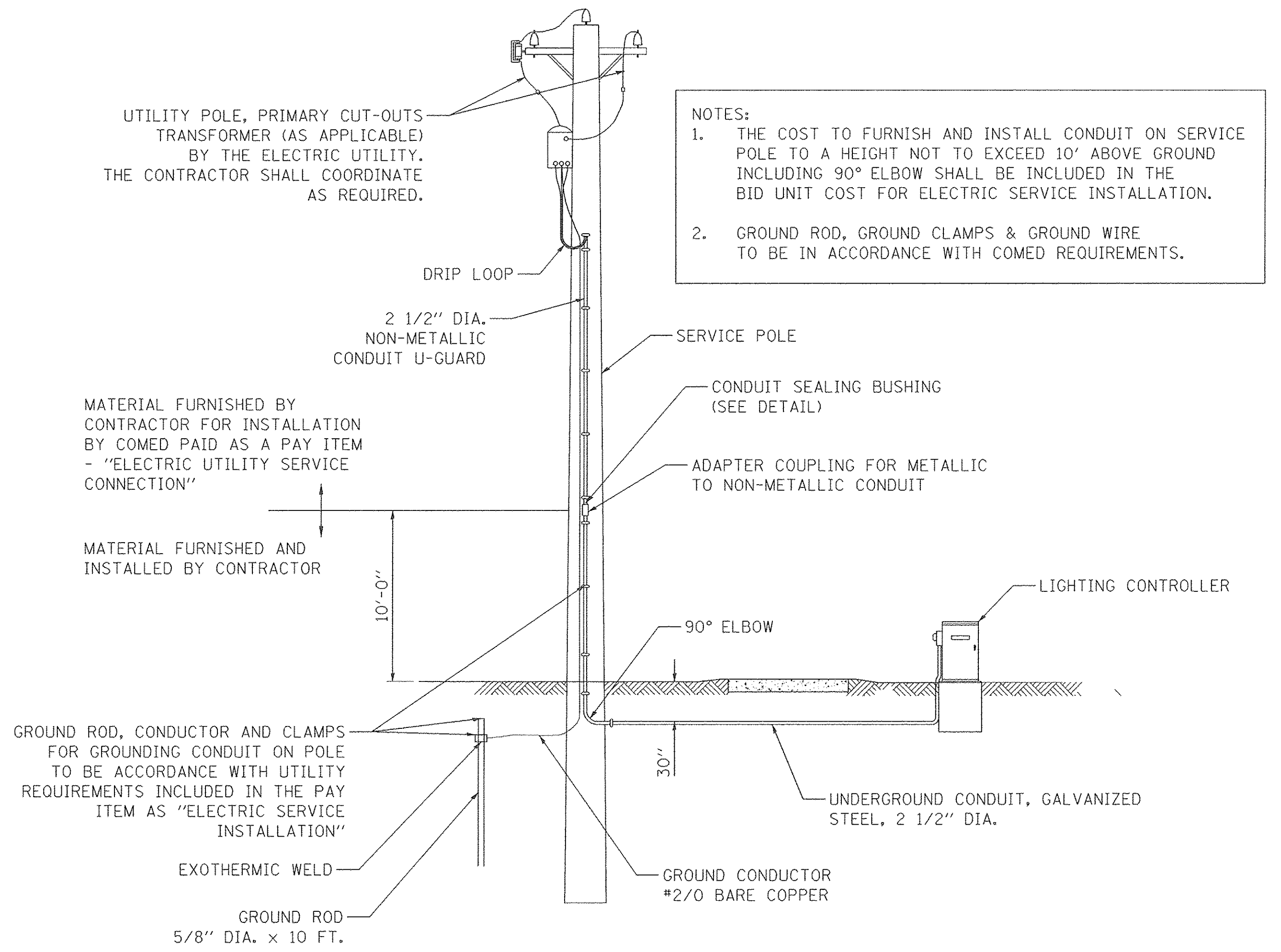


- NOTES:
- HEAT TREATMENT SHALL BE APPLIED AFTER WELDING.
 - DESIGN AND FABRICATION OF THE POLE SHAFT, ARMS, TENONS, AND ATTACHMENTS SHALL BE ACCORDING TO AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS" CURRENT AT THE TIME THE PROJECT IS ADVERTISED. FOLLOW LIGHT POLE (BDE) SPECIFICATION.
 - POLES AND ARMS SHALL BE BUILT TO TOLERANCES THAT WILL ALLOW CONSISTENT INTERCHANGIBILITY TO FACILITATE REPLACEMENT OF ARMS AND POLES.
 - A DECAL COMPLYING WITH THE ANSI STANDARD SHALL BE PERMANENTLY ATTACHED TO THE LUMINAIRE AT THE FACTORY. THE DECK SHALL ALLOW A VIEWER AT GROUND LEVEL TO IDENTIFY THE WATTAGE AND LUMINAIRE PHOTOMETRIC DISTRIBUTION.

LIGHTING UNIT
(NOT TO SCALE)

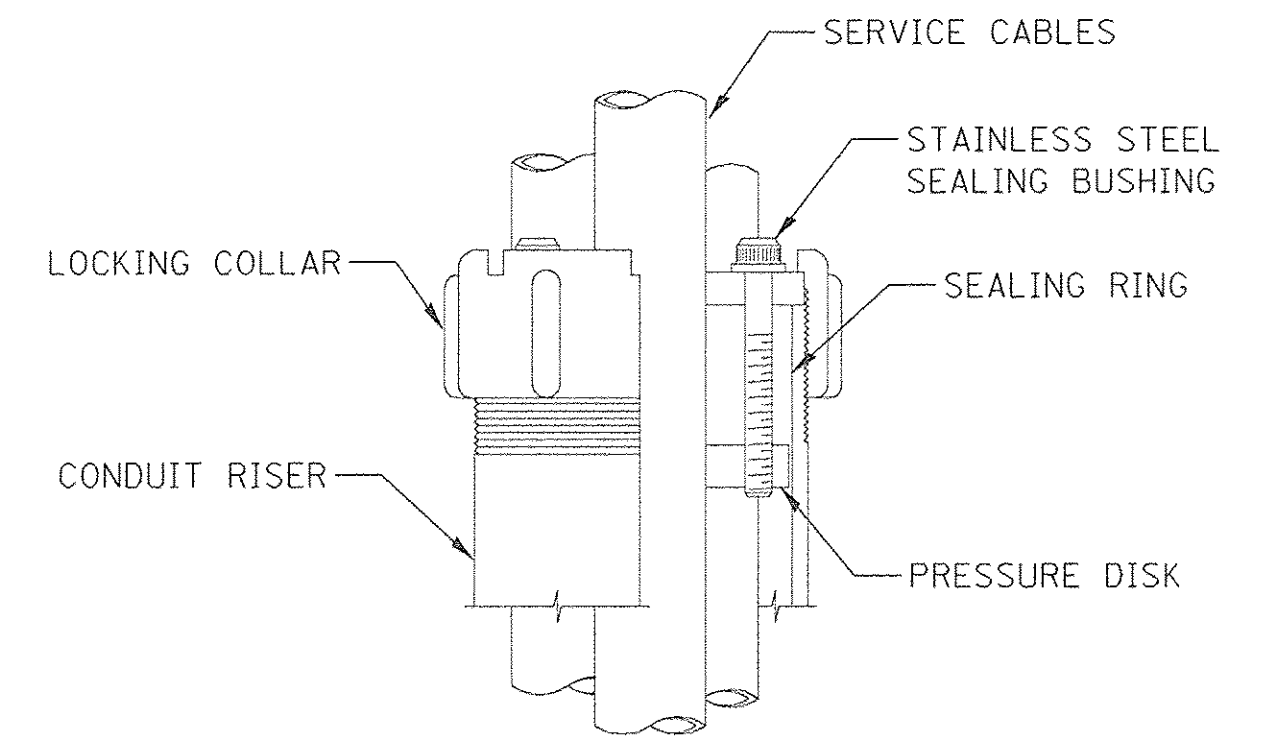


ROADWAY POLE HANDHOLE WIRING DIAGRAM



- NOTES:
- THE COST TO FURNISH AND INSTALL CONDUIT ON SERVICE POLE TO A HEIGHT NOT TO EXCEED 10' ABOVE GROUND INCLUDING 90° ELBOW SHALL BE INCLUDED IN THE BID UNIT COST FOR ELECTRIC SERVICE INSTALLATION.
 - GROUND ROD, GROUND CLAMPS & GROUND WIRE TO BE IN ACCORDANCE WITH COMED REQUIREMENTS.

ELECTRIC SERVICE INSTALLATION



SEALING BUSHING DETAIL

PLOT DRIVER = 08/18/2016 8:58:00 AM
PLOT FILE = 08/18/2016 8:58:00 AM
FILE NAME = ...\\172\ibm\152934.Dwg, 08/18/2016



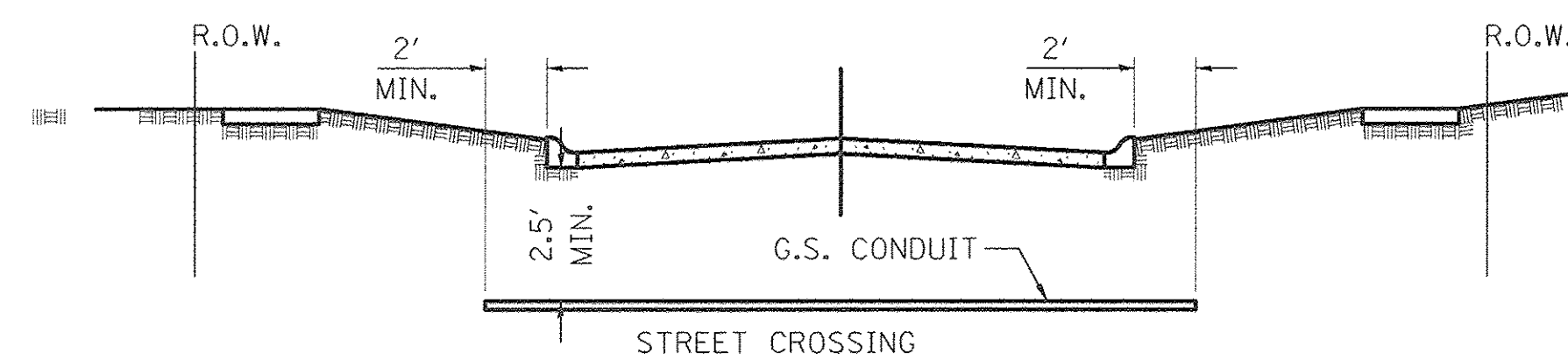
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PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	47
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				

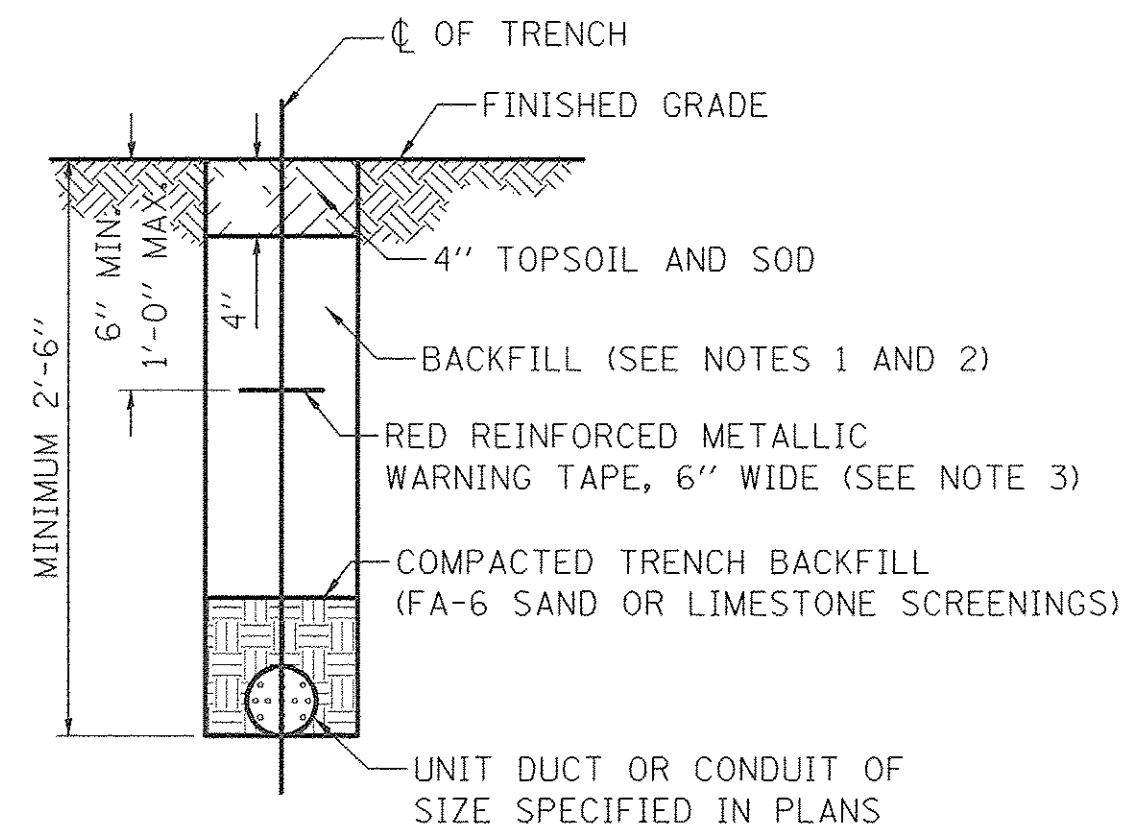


- ① CONDUIT SHALL BE HEAVY WALL RIGID G.S. CONDUIT.
- ② CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
- ③ CONDUIT SHALL BE A MINIMUM OF 2.5 FT. BELOW BOTTOM OF CURB.
- ④ LOCATION OF CONDUIT CROSSING SHALL BE MARK ON CURBS WITH ARROWS.

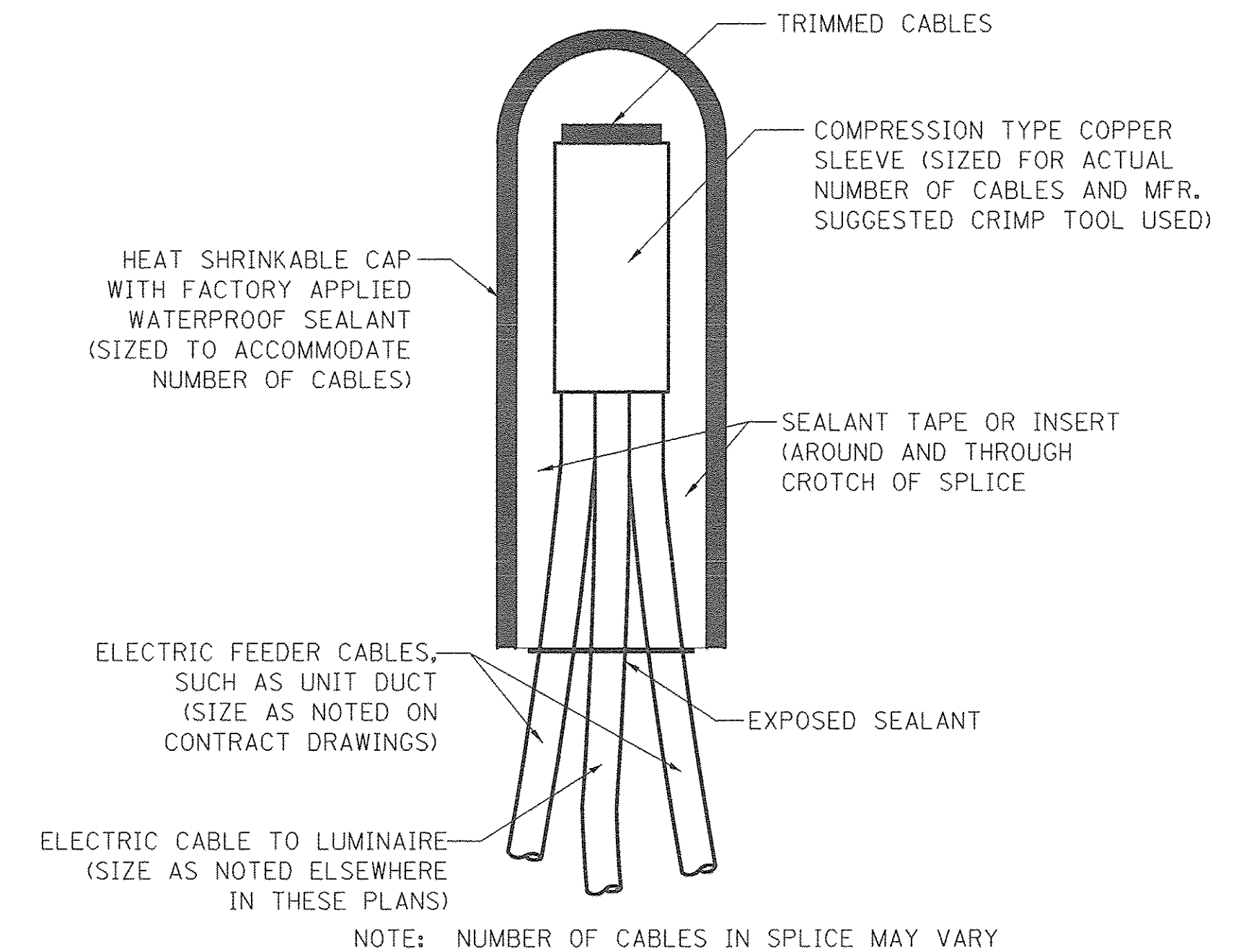
ELECTRICAL CONDUIT UNDER PAVEMENT

NOTES:

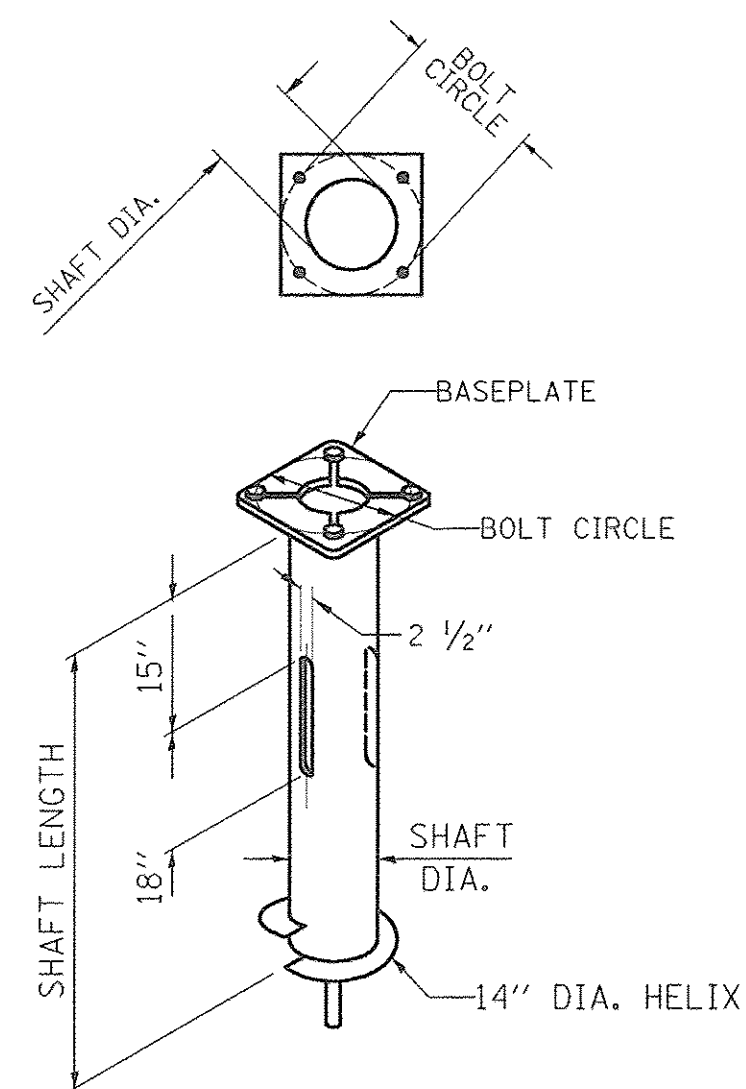
1. IN GRASS COVERED AREAS, THE BACKFILL MAY BE COMPACTED EARTH.
2. TRENCHES WITHIN 2' OF PROPOSED OR EXISTING STREETS, DRIVEWAYS, OR SIDEWALKS WILL BE BACKFILLED WITH COMPACTED FA-6 SAND OR LIMESTONE SCREENINGS.
3. WARNING TAPE WILL BE RED WITH BLACK LETTERING TO READ "CAUTION - ELECTRIC LINE BURIED BELOW".
4. ALL GRASS COVERED AREAS DISTURBED DURING CONSTRUCTION WILL BE RESTORED WITH 4" OF TOPSOIL AND SOD.
5. MINIMUM UNIT DUCT AND CONDUIT DEPTH IS 30". NOTIFY RESIDENT ENGINEER AND VILLAGE ENGINEER WITH CONFLICTS.



TYPICAL TRENCH CROSS SECTION



SPLICING ELECTRIC CABLES BASIC MATERIALS AND METHODS



HELIX FOUNDATION SIZE

NOTES FOR METAL FOUNDATION

1. METAL FOUNDATION SHALL BE THE FOUNDATION USED FOR ALL LIGHTING AND DECORATIVE LIGHTING UNITS UNLESS CONDITIONS IN THE FIELD MAKES IT IMPOSSIBLE TO USE METAL FOUNDATIONS, THEN AN OFFSET FOUNDATION SHALL BE USED WITH ENGINEER APPROVAL.
2. ALL MATERIAL SHALL BE GALVANIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
3. ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1/4" FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
4. CUT TWO SLOTS IN THE SHAFT AT 180 DEGREE FOR UNIT DUCTS AND CABLES ENTERING AND LEAVING THE POLE FOUNDATION.
5. BASEPLATES NEED TO BE MARKED PROPERLY WHERE RACEWAY OPENINGS ARE LOCATED. FOUNDATION WILL BE REJECTED IF TOP PLATE IS NOT OR IMPROPERLY MARKED.
6. HELIX FOUNDATION SHALL BE INSTALLED VERTICAL AND THE BASEPLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
7. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
8. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASEPLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
9. ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
10. METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDATION IS NOT ALLOWED.

11. THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB. METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
12. THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS ($\pm 1^\circ$) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
13. THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE ($\pm 2^\circ$).
14. THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.
15. ALL MATERIAL IS TO BE NEW, UNUSED AND MILL TRACEABLE MEETING THE FOLLOWING SPECIFICATIONS:

- BASE PLATE: AASHTO M 270M, GRADE 36 (M270M, GRADE 250)
- SHAFT: ASTM A 252 - (LATEST REVISION) GRADE 2, (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)
- HELIX SCREW: AASHTO M 183 (ASTM A 635) (LATEST REVISION)
- PILOT POINT: AASHTO M 270 (ASTM A 575) (LATEST REVISION)
- ANCHOR RODS/STUDS: AASHTO M 314 (ASTM F 1554) (LATEST REVISION)
- HEXAGON NUTS: AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H (LATEST REVISION)
- WASHERS: AASHTO M 293 (ASTM F 436) (LATEST REVISION)

POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT. - 35 FT.	11 1/2"	8 5/8"	6 FT.	12" X 12" X 1"
31 FT. - 35 FT.	11 1/2"	8 5/8"	6 FT.	12" X 12" X 1"
36 FT. - 40 FT.	15"	8 5/8"	6 FT.	15" X 15" X 1 1/4"
41 FT. - 45 FT.	15"	8 5/8"	6 FT.	15" X 15" X 1 1/4"
46 FT. - 50 FT.	15"	10"	8 FT.	15" X 15" X 1 1/4"

POLE FOUNDATION METAL

HELIX MUST BE FORMED BY MATCHING METAL DIE (SIDE VIEW OF TRUE HELICAL FORM)

PLOT DRIVER = 480 TDRVL\$
 PLOT DATE = 08/08/2016
 FILE NAME = ...N17\ibasis\2934_Dat_07.dgn



USER NAME = sjc
 PLOT SCALE = 28.0000' / 1"
 PLOT DATE = 8/18/2016

DESIGNED - SJC
 DRAWN - SJC
 CHECKED - DNM
 DATE - 08/08/2016

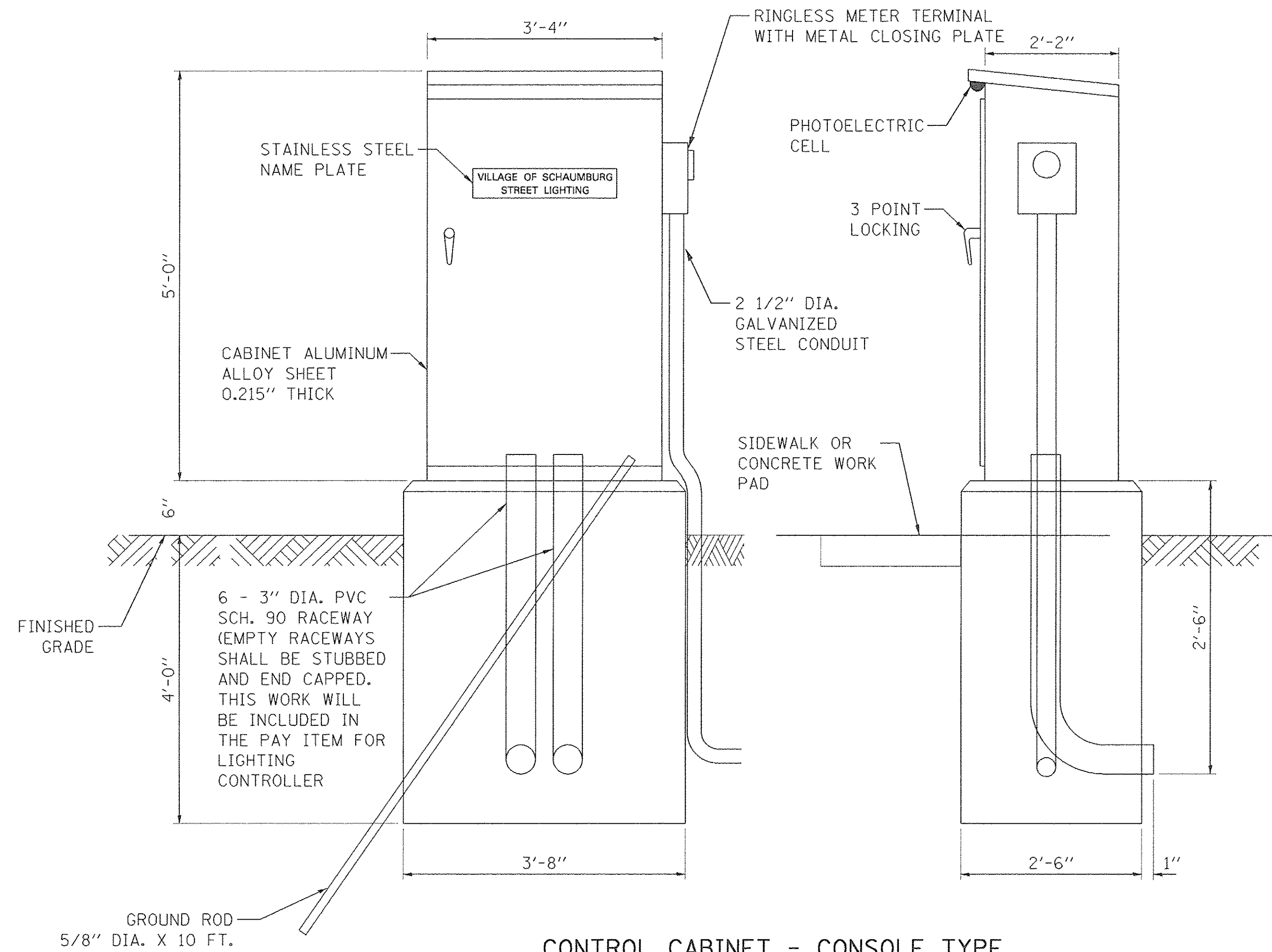
REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	48
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



CONTROL CABINET - CONSOLE TYPE

DEVICE SCHEDULE		
ITEM	QUANT.	DESCRIPTION
①	1	100 AMP CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, SINGLE THROW, 600V FRAME, NON-INTERCHANGEABLE TRIP, BOLT ON TYPE; INTERRUPTING CAPACITY OF NOT LESS THAN 22,000 RMS SYMMETRICAL AMPERES AT 600V
②	1	100 AMP, SQUARE D ELECTRICALLY OPERATED AND MECHANICALLY HELD LIGHTING CONTACTOR, 2- POLE, 600 V. WITH 240 V. COIL
③	12	240/480 V. 1 PHASE PANEL BOARD WITH 100 A. COPPER MAIN SINGLE POLE, 30 A., 277 V. BOLT ON BRANCH CIRCUIT BREAKERS INTERRUPTING CAPACITY OF NOT LESS THAN 10,000 RMS SYMMETRICAL AMPERES AT 240 V.
④	1	PHOTO-ELECTRIC CELL, 120 V, MOUNT UNDER LIP OF CONTROLLER CABINET
⑤	2	THERMAL MAGNETIC, MOLDED CASE CIRCUIT BREAKER, 1 POLE, 15 A., 240 V. BOLT ON TYPE. INTERRUPTING CAPACITY OF NOT LESS THAN 5,000 RMS SYMMETRICAL AMPERES AT 240 V.
⑥	1	CONTROL SWITCH, MOMENTARY CONTACT, SPDT, 15 A., 240 V.
⑦	1	CONTROL SWITCH, TOGGLE TYPE, SPDT, 20 A., 240 V. SPEC. GRADE
⑧	1	240/120V. STEP DOWN CONTROL TRANSFORMER 1500 VA RATED
⑨	1	MICRO SWITCH (MOUNTED WITH ACTUATOR TO SWITCH WHEN DOOR IS OPEN)
⑩	1	60 WATT LIGHT FIXTURE VAPORTIGHT WITH GLOBE, GUARD AND MOUNTING BOX
⑪	1	120 VOLT, 20 AMP. GFCI RECEPTACLE, SPECIFICATION GRADE IN NEMA 5-15R WEATHERPROOF BOX WITH FLAP-TYPE COVER
⑫	1	POWER RELAY WITH CONTACTS RATED FOR CONTACTOR INRUSH CURRENT - 120 V COIL
⑬	1	SURGE ARRESTOR

NOTES FOR CONTROL CABINET:

THE CABINET SHALL BE FABRICATED FROM 0.125" THICK ALUMINUM ALLOY SHEET AND SHALL BE REINFORCED WITH ALUMINUM ANGLES. THE CABINET DOOR SHALL BE NEMA TYPE 3 CONSTRUCTION WITH NEOPRENE GASKET. THE DOOR SHALL HAVE STAINLESS STEEL HINGES AND THREE POINT LOCKING SYSTEM.

CONTROL WIRING SHALL BE NO. 12 AWG., 600V, TYPE 'SIS' GRAY SWITCHBOARD WIRE, STRANDED COPPER.

THE HEADS OF CONNECTOR SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BUS CONNECTION AND GREEN FOR GROUND BUS CONNECTORS.

PROVIDE SEALING GROMMETS FOR ALL WIRING EXTENDING FROM DEVICE ENCLOSURES.

ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL 'ENCLOSED INDUSTRIAL CONTROL PANEL'.

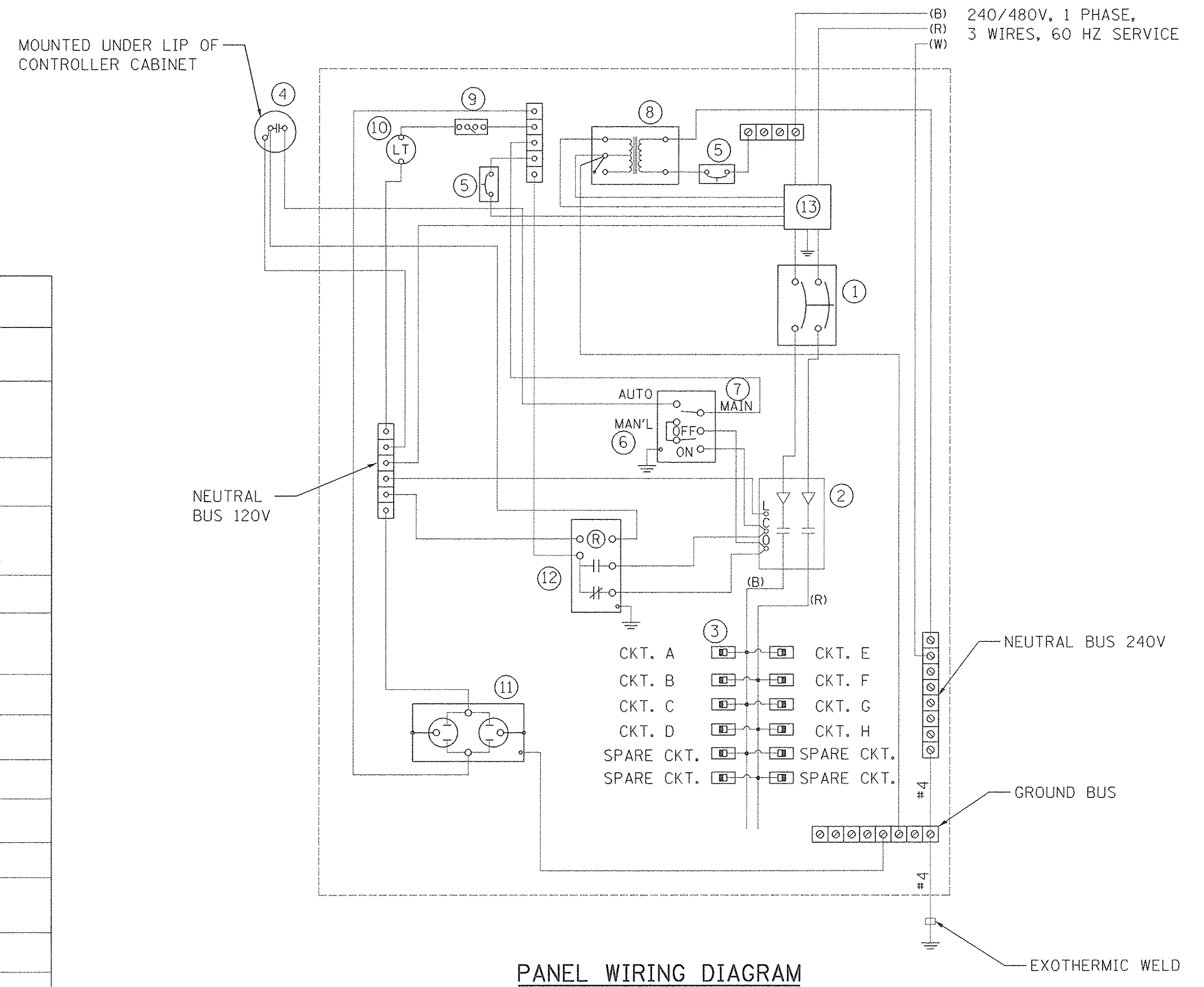
PROVIDE A HOLDER AND WATERPROOF POUCH ON THE INNER SIDE OF THE CONTROLLER DOOR. FURNISH THE APPROVED COPY OF 'CONTROL CABINET WIRING DIAGRAM'.

A CONCRETE PAD 36" X 60" X 4" MINIMUM SIZE SHALL BE PLACED IN FRONT OF CONTROLLER CABINET DOOR WHEN THERE IS NO SIDEWALK. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.

CONTROLLER CABINET PAINTING NOTE:
THE CABINET SHALL BE PRIMED AND PAINTED GREEN. A SAMPLE SHALL BE SUBMITTED WITH THE SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. THE COST OF PAINTING THE CABINET SHALL BE INCLUDED IN THE COSTS OF MATERIAL AND INSTALLATION OF STREET LIGHTING CONTROLLER.

PROVIDE A RED WARNING NAMEPLATE IN THE CONTROLLER NEAR THE MAIN BREAKER INDICATING "LIVE CIRCUITS EVEN WHEN MAIN CIRCUIT BREAKER IS IN OFF POSITION".

CONTROLLER CABINET DOOR SHALL BE ON THE PARKWAY SIDE OF THE CABINET, OPPOSITE THE ROADWAY.



PANEL WIRING DIAGRAM

PLOT DRIVER = \$PLTDRVL\$
 PEN TABLE = \$PENTBL\$
 FILE NAME = ...N17-DeSolaV2934-Def.08.dgn



USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 22.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING**

SCALE: SHEET OF SHEETS STA. TO STA.

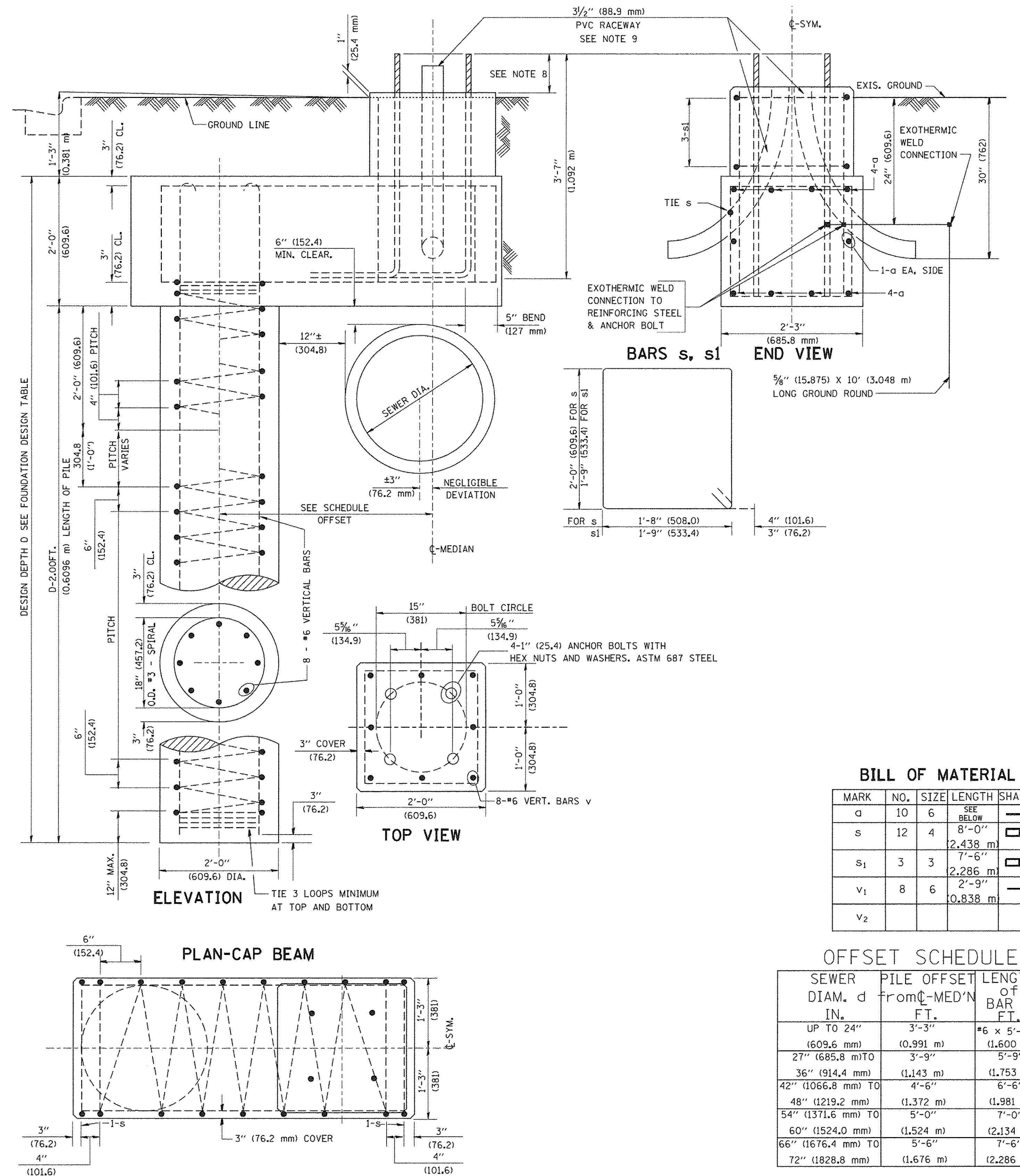
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	49
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				

FOUNDATION DESIGN TABLE

TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE ARM		TWIN ARM	
			VERT BARS	SPIRAL	VERT BARS	SPIRAL
SOFT CLAY	13'-0" (3,962 m)	15'-0" (4,572 m)	8-#6X12'-6" (3,810 m)	#3X12' (37,186 m)	8-#6X14'-3" (4,343 m)	#3X14' (42,977 m)
MEDIUM CLAY	9'-6" (2,896 m)	10'-9" (3,277 m)	8-#6X9'-0" (2,743 m)	#3X9' (27,432 m)	8-#6X10'-0" (3,048 m)	#3X10' (30,480 m)
STIFF CLAY	7'-0" (2,134 m)	8'-0" (2,438 m)	8-#6X6'-6" (1,981 m)	#3X6' (20,112 m)	8-#6X7'-6" (2,286 m)	#3X7' (23,165 m)
LOOSE SAND	9'-0" (2,743 m)	10'-0" (3,048 m)	8-#6X8'-6" (2,591 m)	#3X8' (25,908 m)	8-#6X9'-6" (2,896 m)	#3X9' (28,651 m)
MEDIUM SAND	8'-3" (2,515 m)	9'-0" (2,743 m)	8-#6X8'-0" (2,438 m)	#3X7' (23,774 m)	8-#6X8'-6" (2,591 m)	#3X8' (25,908 m)
DENSE SAND	7'-9" (2,362 m)	9'-0" (2,743 m)	8-#6X7'-6" (2,286 m)	#3X7' (22,250 m)	8-#6X8'-6" (2,591 m)	#3X8' (25,908 m)
ROCK OR SOLIDIFIED SLAG	5'-0" (1,524 m)	5'-0" (1,524 m)	NONE	NONE	NONE	NONE

NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ENGINEER SHALL DETERMINE THE CLASS OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE.
- EXCAVATION OF THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER, 24" (609.6 mm) OR 30" (762.0 mm) IN DIAMETER.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF FOUNDATION WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS. IF LIGHT POLE IS MOUNTED WITHOUT BREAKAWAY DEVICE, ANCHOR BOLTS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE TOP OF THE FOUNDATION. THE CONTRACTOR SHALL CONFIRM ANCHOR BOLT EXTENTION WITH ENGINEER.
- RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT IS ERECTED.



BILL OF MATERIAL

MARK	NO.	SIZE	LENGTH	SHAPE
a	10	6	SEE BELOW	—
s	12	4	8'-0" (2,438 m)	□
s1	3	3	7'-6" (2,286 m)	□
v1	8	6	2'-9" (0,838 m)	—
v2				

OFFSET SCHEDULE

SEWER DIAM. d IN.	PILE OFFSET FROM C-MED'N FT.	LENGTH OF BAR a FT.
UP TO 24" (609.6 mm)	3'-3" (0,991 m)	#6 x 5'-3" (1,600 m)
27" (685.8 mm) TO	3'-9"	5'-9"
36" (914.4 mm)	(1,143 m)	(1,753 m)
42" (1066.8 mm) TO	4'-6"	6'-6"
48" (1219.2 mm)	(1,372 m)	(1,981 m)
54" (1371.6 mm) TO	5'-0"	7'-0"
60" (1524.0 mm)	(1,524 m)	(2,134 m)
66" (1676.4 mm) TO	5'-6"	7'-6"
72" (1828.8 mm)	(1,676 m)	(2,286 m)

FILE NAME = K:\distad22x34\be310.dgn	USER NAME = bauerdl	DESIGNED -	REVISED - 06-16-08 R. TOMSONS
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

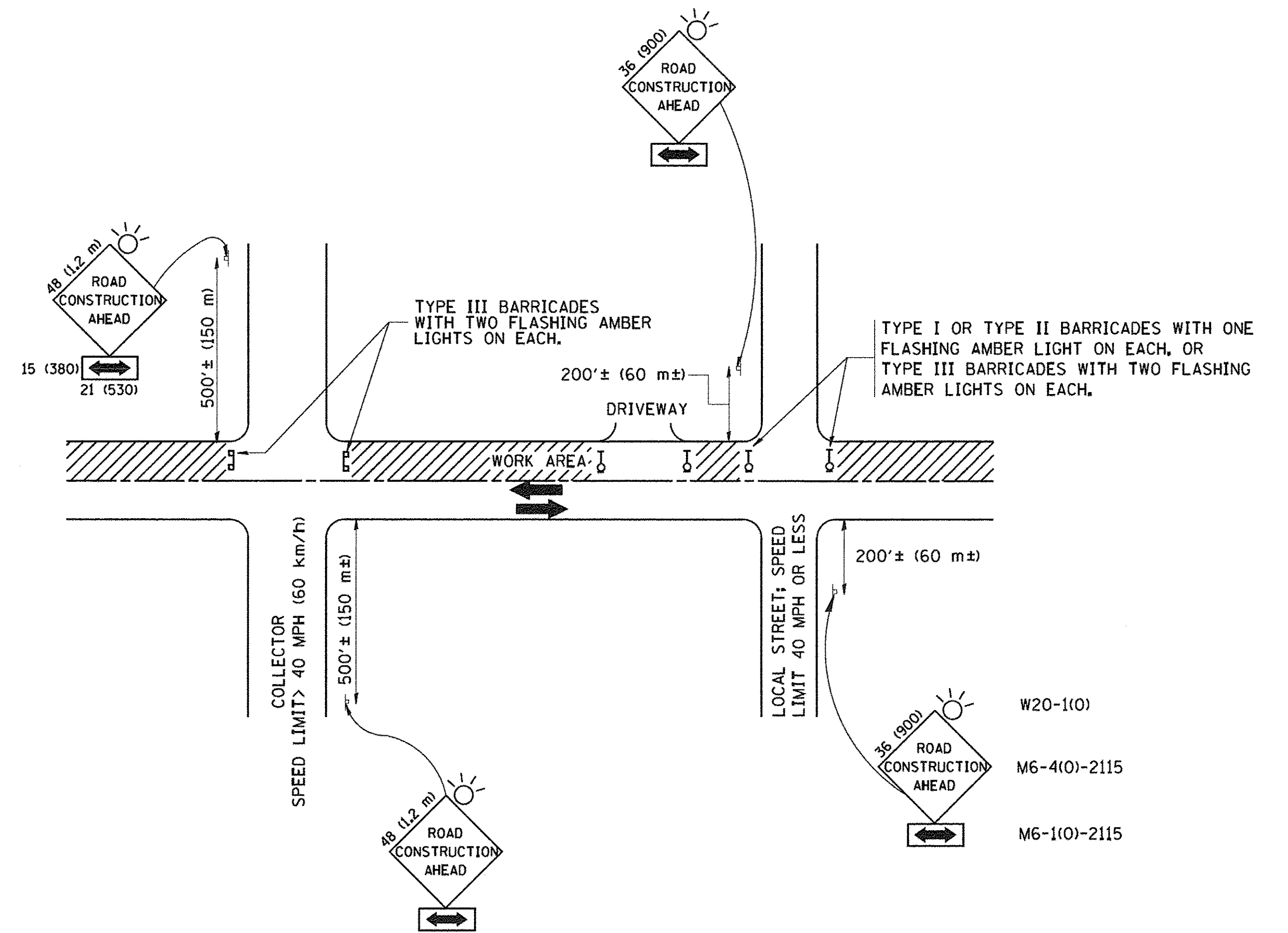
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION OFFSET
40' (12,192 m) TO 47' 12" (14,478 m) M.H.
15" (381 mm) BOLT CIRCLE

F.A. RTE. 15-00118-00-LT	COUNTY COOK	TOTAL SHEETS 64	SHEET NO. 50
BE-310		CONTRACT NO. 61D03	
ILLINOIS FED. AID PROJECT			

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

6/16/2008
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bauerdl



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

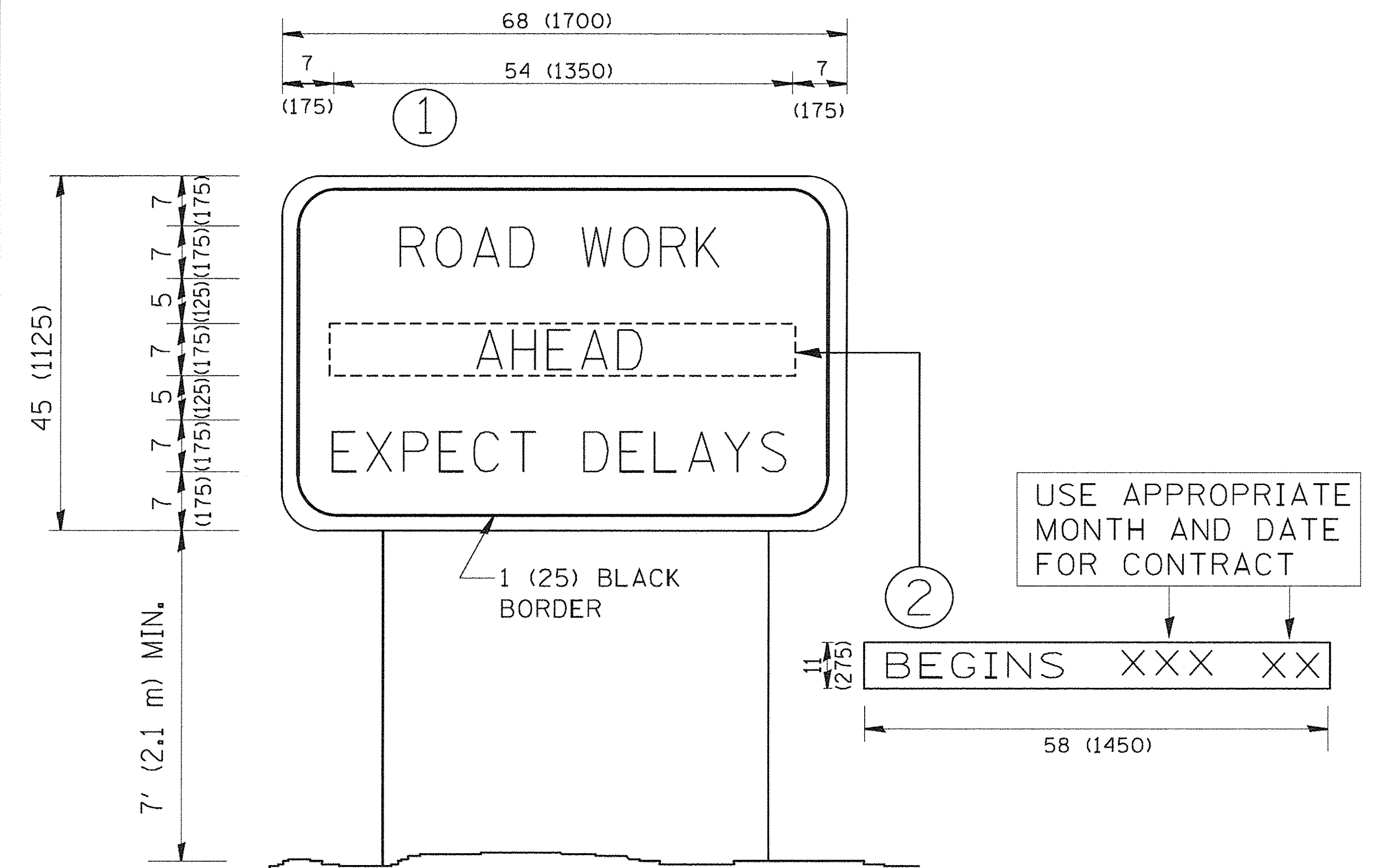
NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD, 701501, STD, 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = W:\diststd\22x34\tbl0.dgn	USER NAME = gegl10nbt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS		F.A. RTE. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - A. HOUSEH 03-06-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	15-00118-00-LT	COOK	64	51
	PLOT DATE = 1/4/2009	CHECKED -	REVISED - A. HOUSEH 10-15-96		STA.	TO STA.	TC-10		CONTRACT NO. 61003	
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

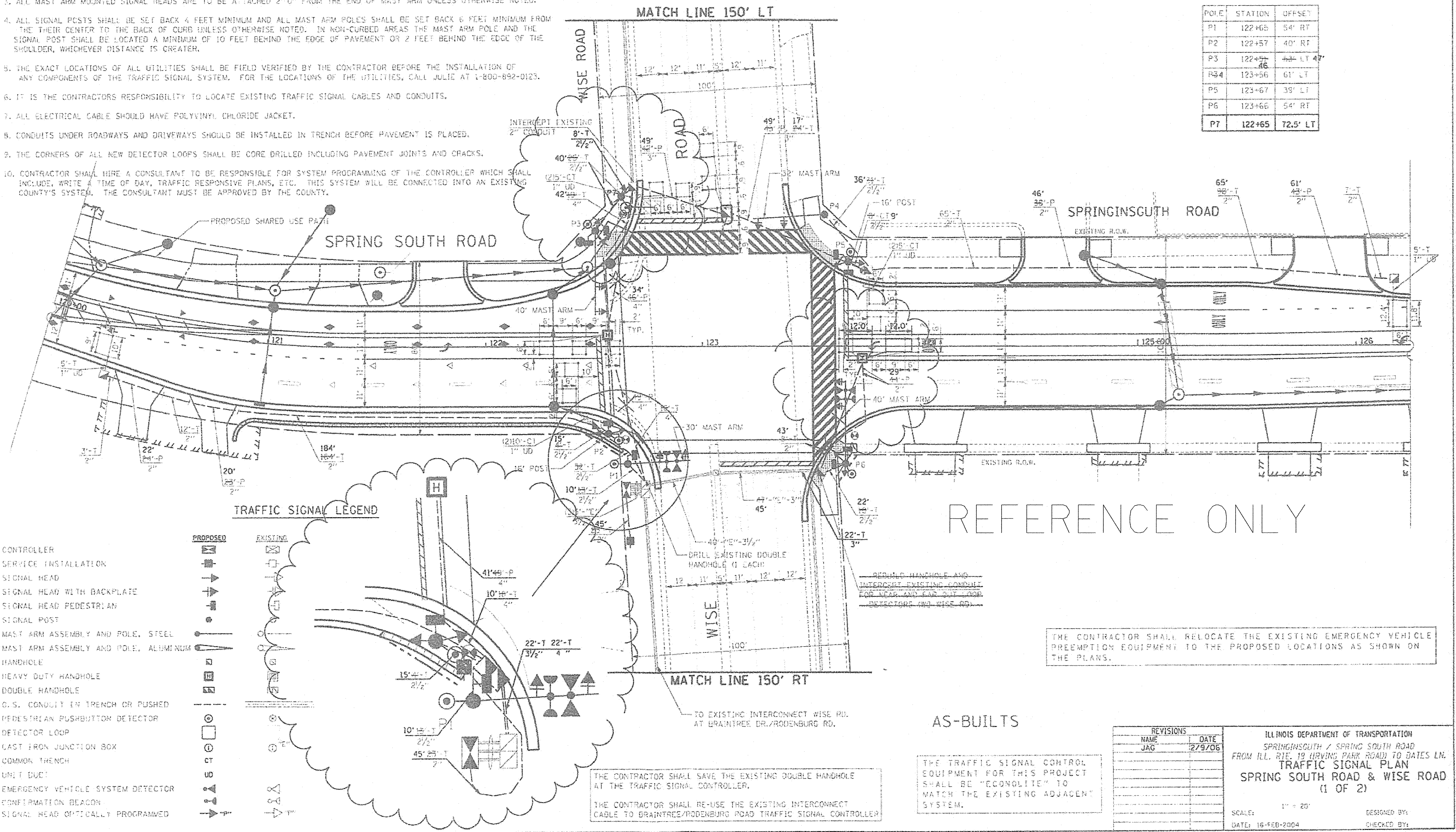
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = gogliemobt	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.000 ' / IN.	DRAWN -	REVISED - R. MIRS 12-11-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	15-00118-00-LT	COOK	64	52
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - T. RAMMACHER 02-02-99					TC-22		CONTRACT NO. 61D03		
		DATE -	REVISED - C. JUCIUS 01-31-07		<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>							

- NOTES:**
1. THE CONTRACTOR SHALL INFORM THE CCHD DESIGN ENGINEER AT (312) 603-1730 PRIOR TO THE START OF ANY WORK ON THE CONTRACT. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCED NOTICE IS REQUIRED.
 2. THE CONTRACTOR SHALL MARK LOCATIONS OF LOOPS AND CONTACT CCHD DESIGN ENGINEER AT (312) 603-1730 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF THE LOOPS. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCED NOTICE IS REQUIRED.
 3. ALL MAST ARM MOUNTED SIGNAL HEADS ARE TO BE ATTACHED 2'-0" FROM THE END OF MAST ARM UNLESS OTHERWISE NOTED.
 4. ALL SIGNAL POSTS SHALL BE SET BACK 4 FEET MINIMUM AND ALL MAST ARM POLES SHALL BE SET BACK 6 FEET MINIMUM FROM THE CENTER TO THE BACK OF CURB UNLESS OTHERWISE NOTED. IN NON-CURBED AREAS THE MAST ARM POLE AND THE SIGNAL POST SHALL BE LOCATED A MINIMUM OF 10 FEET BEHIND THE EDGE OF PAVEMENT OR 2 FEET BEHIND THE EDGE OF THE SHOULDER, WHICHEVER DISTANCE IS GREATER.
 5. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE AT 1-800-892-0123.
 6. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS.
 7. ALL ELECTRICAL CABLE SHOULD HAVE POLYVINYL CHLORIDE JACKET.
 8. CONDUITS UNDER ROADWAYS AND DRIVEWAYS SHOULD BE INSTALLED IN TRENCH BEFORE PAVEMENT IS PLACED.
 9. THE CORNERS OF ALL NEW DETECTOR LOOPS SHALL BE CORE DRILLED INCLUDING PAVEMENT JOINTS AND CRACKS.
 10. CONTRACTOR SHALL HIRE A CONSULTANT TO BE RESPONSIBLE FOR SYSTEM PROGRAMMING OF THE CONTROLLER WHICH SHALL INCLUDE, WRITE A TIME OF DAY, TRAFFIC RESPONSIVE PLANS, ETC. THIS SYSTEM WILL BE CONNECTED INTO AN EXISTING COUNTY'S SYSTEM. THE CONSULTANT MUST BE APPROVED BY THE COUNTY.



POLE	STATION	OFFSET
P1	122+65	54' RT
P2	122+57	40' RT
P3	122+46	47' LT
P34	123+56	61' LT
P5	123+67	39' LT
P6	123+66	54' RT
P7	122+65	72.5' LT



TRAFFIC SIGNAL LEGEND

- | | |
|--------------------------------------|--------------------------------------|
| PROPOSED | EXISTING |
| CONTROLLER | CONTROLLER |
| SERVICE INSTALLATION | SERVICE INSTALLATION |
| SIGNAL HEAD | SIGNAL HEAD |
| SIGNAL HEAD WITH BACKPLATE | SIGNAL HEAD WITH BACKPLATE |
| SIGNAL HEAD PEDESTRIAN | SIGNAL HEAD PEDESTRIAN |
| SIGNAL POST | SIGNAL POST |
| MAST ARM ASSEMBLY AND POLE, STEEL | MAST ARM ASSEMBLY AND POLE, STEEL |
| MAST ARM ASSEMBLY AND POLE, ALUMINUM | MAST ARM ASSEMBLY AND POLE, ALUMINUM |
| HANDHOLE | HANDHOLE |
| HEAVY DUTY HANDHOLE | HEAVY DUTY HANDHOLE |
| DOUBLE HANDHOLE | DOUBLE HANDHOLE |
| G.S. CONDUIT IN TRENCH OR PUSHED | G.S. CONDUIT IN TRENCH OR PUSHED |
| PEDESTRIAN PUSHBUTTON DETECTOR | PEDESTRIAN PUSHBUTTON DETECTOR |
| DETECTOR LOOP | DETECTOR LOOP |
| CAST IRON JUNCTION BOX | CAST IRON JUNCTION BOX |
| COMMON TRENCH | COMMON TRENCH |
| UNIT DUCT | UNIT DUCT |
| EMERGENCY VEHICLE SYSTEM DETECTOR | EMERGENCY VEHICLE SYSTEM DETECTOR |
| CONFIRMATION BEACON | CONFIRMATION BEACON |
| SIGNAL HEAD OPTICALLY PROGRAMMED | SIGNAL HEAD OPTICALLY PROGRAMMED |

THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PREEMPTION EQUIPMENT TO THE PROPOSED LOCATIONS AS SHOWN ON THE PLANS.

THE CONTRACTOR SHALL SAVE THE EXISTING DOUBLE HANDHOLE AT THE TRAFFIC SIGNAL CONTROLLER.

THE CONTRACTOR SHALL RE-USE THE EXISTING INTERCONNECT CABLE TO BRAINTREE/RODENBURG ROAD TRAFFIC SIGNAL CONTROLLER.

AS-BUILTS

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

REVISIONS	
NAME	DATE
JAG	2/9/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SPRINGSCUTH / SPRING SOUTH ROAD
 FROM ILL. RTE. 19 (IRVING PARK ROAD) TO DATES LN.
TRAFFIC SIGNAL PLAN
 SPRING SOUTH ROAD & WISE ROAD
 (1 OF 2)

SCALE: 1" = 20'
 DATE: 16-FEB-2004

DESIGNED BY:
 CHECKED BY:

PLOT DRIVER = \$PLTRVLS\$
 PEN TABLE = \$PENIBLL\$
 FILE NAME = ... \2962 01-00077-00-PV.dwg



USER NAME = sjo
 DESIGNED - SJC
 DRAWN - SJC
 CHECKED - DNM
 DATE - 08/08/2016

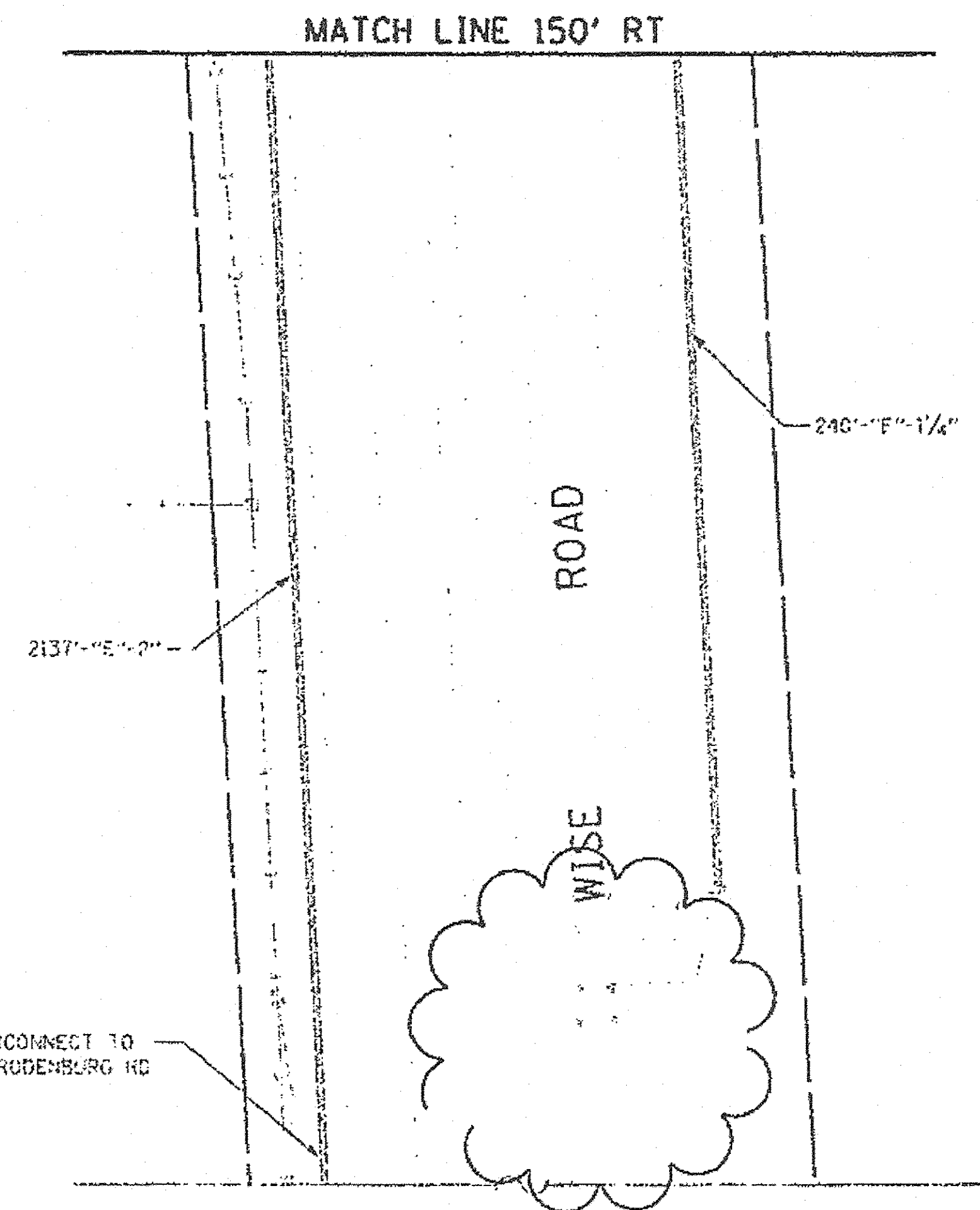
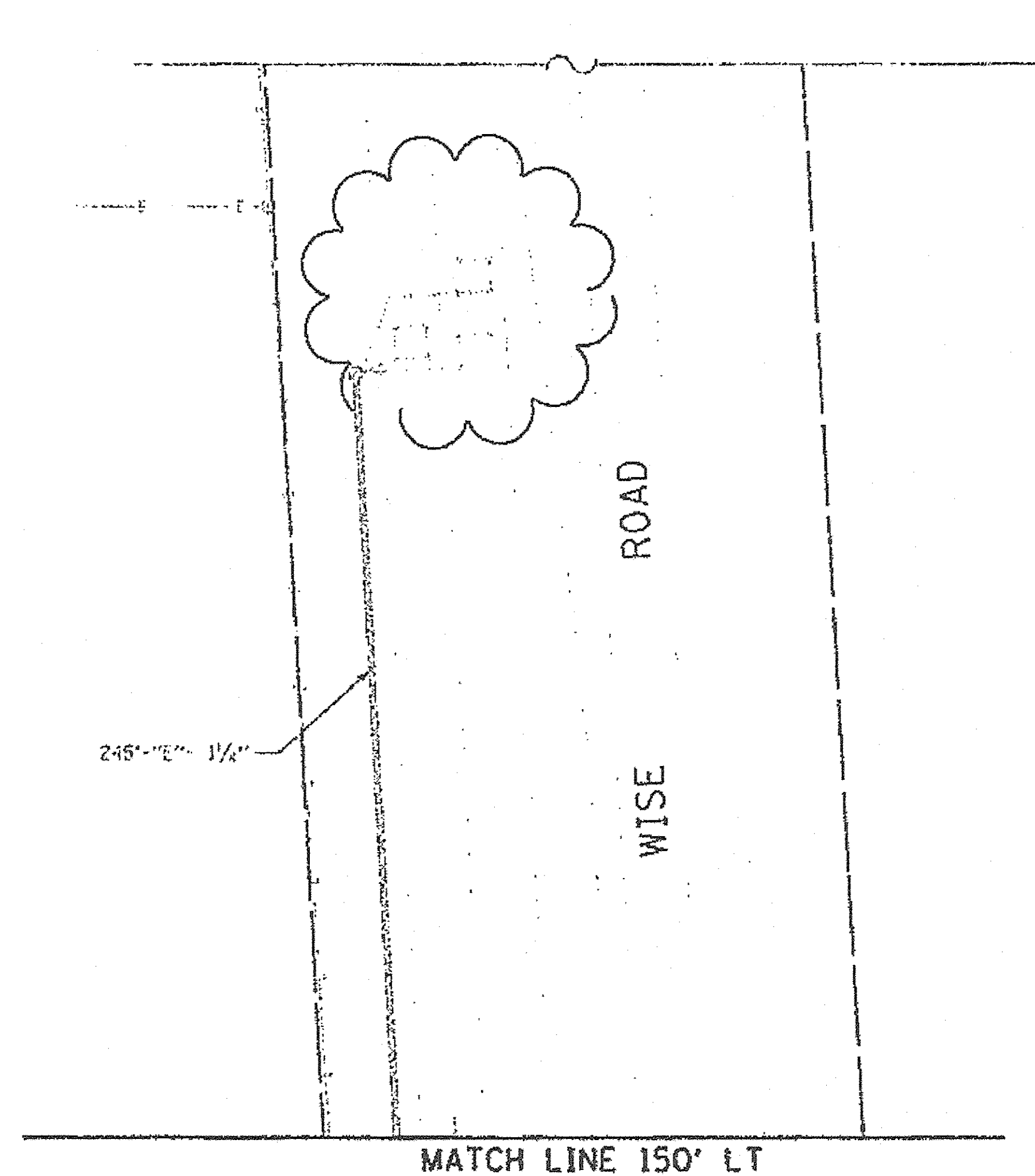
REVISIONS
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2562 01-00077-00-PV		COOK	83	38
STA.	TO STA.		FED. ROAD DIST. NO. 7, ILLINOIS FED. AID PROJECT	



REFERENCE ONLY

AS-BUILTS

REVISIONS	
NAME	DATE
JAG	2/3/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SPRING SOUTH / SPRING SOUTH ROAD
 FROM ILL. RTE. 19 (IRVING PARK ROAD) TO BATES LN.
TRAFFIC SIGNAL PLAN
SPRING SOUTH ROAD & WISE ROAD
 (2 OF 2)
 SCALE: 1" = 20'
 DATE: 16-FEB-2004
 DESIGNED BY: YAP
 CHECKED BY: RAM

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 PEN TABLE = #PENTBL\$
 FILE NAME = ... \2562_01_00077_00_PV.dgn



USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

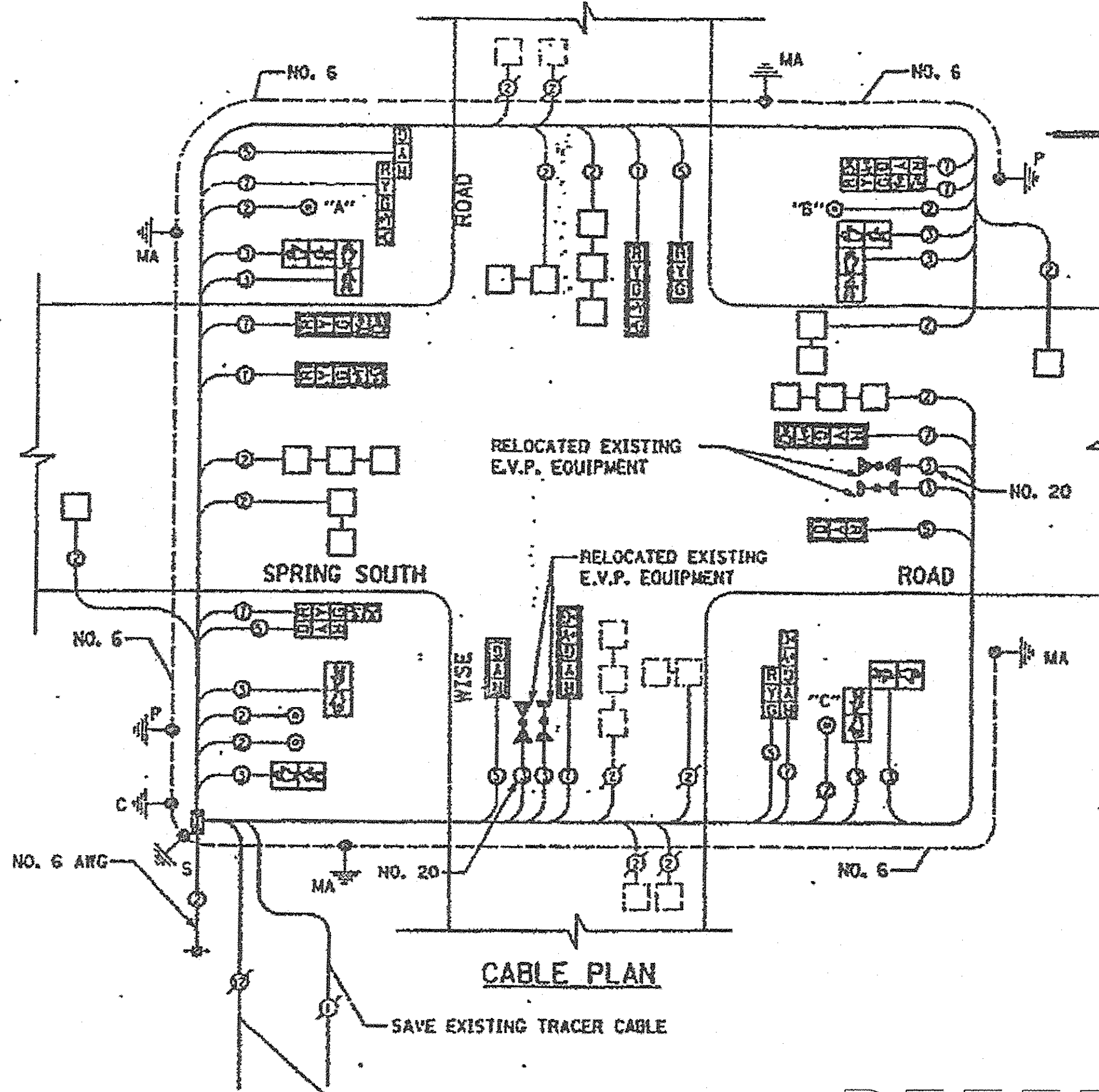
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING
 SCALE: SHEET OF SHEETS STA. TO STA.

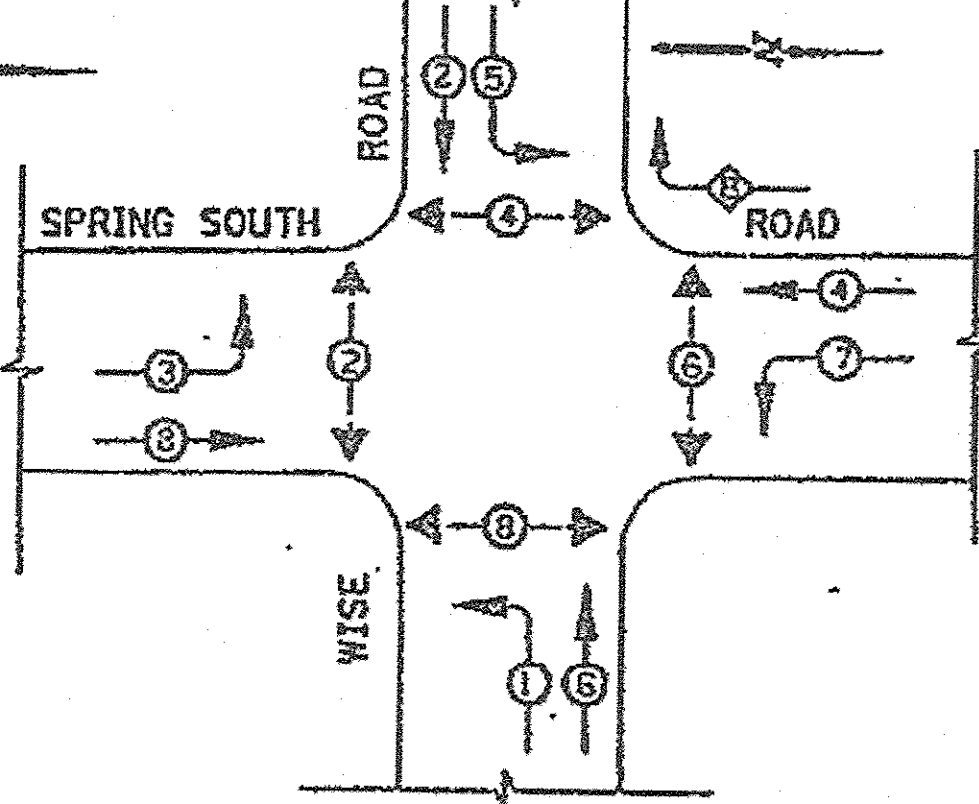
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	54
CONTRACT NO. 61D03				ILLINOIS FED. AID PROJECT

CABLE PLAN LEGEND

- EXISTING PROPOSED
- 200mm (8") TRAFFIC SIGNAL SECTION
 - 300mm (12") TRAFFIC SIGNAL SECTION
 - 300mm (12") PEDESTRIAN SIGNAL SECTION
 - 300mm (12") PEDESTRIAN SIGNAL SECTION
 - CONTROLLER CABINET
 - SERVICE INSTALLATION
 - TELEPHONE CONNECTION
 - MAGNETIC DETECTOR
 - EMERGENCY VEHICLE LIGHT DETECTOR
 - CONFIRMATION BEACON
 - PUSHBUTTON DETECTOR
 - VEHICLE DETECTOR, INDUCTIVE LOOP
 - 2 DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
 - MICROWAVE VEHICLE SENSOR
 - SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD
 - RAILROAD CONTROL CABINET
 - ILLUMINATED SIGN, L.E.D. "NO LEFT TURN"
 - ILLUMINATED SIGN, L.E.D. "NO RIGHT TURN"
 - GROUND ROD AT HANDHOLE OR DOUBLE HANDHOLE (H), OR CONTROLLER (C).
 - GROUND ROD AT POST (P), OR MAST ARM POLE (MA).
 - GROUND ROD AT ELECTRIC SERVICE INSTALLATION
 - GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
 - FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F 5M12F



CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

DUAL ENTRY-ALL LEGS
 PROTECTED/PERMITTED LEFT TURN PHASING
 WITH RIGHT TURN OVERLAP

LEGEND

- DUAL ENTRY PHASE
- OVERLAP
- PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
SIGN PANEL - TYPE 2	50 FT	
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	
CONDUIT, PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	
CONDUIT, PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	
CONDUIT, PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	
HANDHOLE	EACH	
HEAVY-DUTY HANDHOLE	EACH	
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	
TRANSMITTER - FIBER OPTIC	EACH	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	
CONCRETE FOUNDATION, TYPE A	FOOT	
CONCRETE FOUNDATION, TYPE B	FOOT	
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	
TRAFFIC SIGNAL BACKPLATE	EACH	
INDUCTIVE LOOP DETECTOR	EACH	
DETECTOR LOOP, TYPE I	FOOT	
PEDESTRIAN PUSH-BUTTON	EACH	
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	
REMOVE EXISTING HANDHOLE	EACH	
REMOVE EXISTING CONCRETE FOUNDATION	EACH	
SERVICE INSTALLATION - POLE MOUNTED	EACH	
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TRISTED, SHIELDED	FOOT	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5, SECTION BRACKET MOUNTED	EACH	
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	
REBUILD EXISTING HANDHOLE	EACH	

NOTES:
 1. PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
 2. PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6
 3. PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8

- NOTES:**
- ALL SIGNAL SECTIONS SHALL BE 300mm (12")
 - THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT SHALL BE "ECONOLITE".
 - MAST ARM MOUNTED STREET NAME SIGNS SHALL BE PROVIDED ON ALL MAST ARMS.
 - THIS IS A SYSTEM GROUND THAT SHALL INTERCONNECT ALL GROUND RODS WITH NO. 6 1/C SOLID COPPER AWG.
 - THE NEUTRAL AND GROUND SHALL BE TIED AT THE SERVICE INSTALLATION, BUT SHALL BE SEPARATED AT THE TRAFFIC CONTROL CABINET.
 - ALL TRAFFIC SIGNAL AND PEDESTRIAN SIGNAL LENSES SHALL BE L.E.D. TYPE.

TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

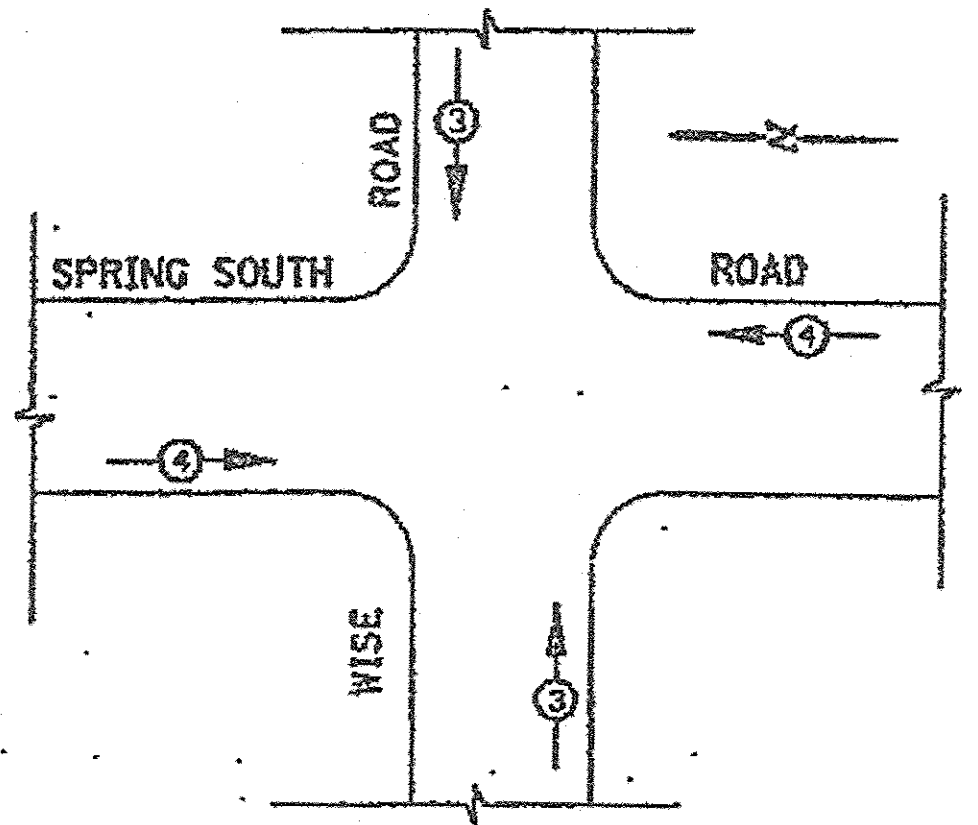
TYPE	NO. LAMPS	WATTAGE (INCANDESCENT)	WATTAGE (LED)	OPERATION	TOTAL WATTAGE
SIGNAL MESH	12	115	11	0.50	102.00
YELLOW	12	115	11	0.25	28.00
RED/RED	12	115	11	0.25	28.00
ARROW	18	115	12	0.10	21.60
PED. SIGNAL	4	50	25	1.00	100.00
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN		85		0.05	
FLASHER				0.50	
TOTAL					587.60

ENERGY COSTS TO: COOK COUNTY HIGHWAY DEPARTMENT
 63 WEST WASHINGTON STREET
 CHICAGO, ILLINOIS 60602
 CONTACT: MIKE LYONS
 PHONE: (847) 816-3331
 COMPANY: EDL EDISON

FOUNDATION DEPTH	FT. DIA.	CABLE SLACK	FT. DIA.	VERTICAL	FT. DIA.
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
0 - CONTROLLER	5 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM DJ POLE	20" x 2-1/2"
E - M. ARM POLE		SIGNAL POST	2 (1.0)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (1.0)	PED. PUSHBUTTON	4 (1.0)
30" (750mm)	15 (4.5)	FIBER OPTIC	33 (10.0)	ELECTRIC SERVICE	13.5 (4.0)
		ELECTRIC SERVICE	1 (1.0)	SERVICE TO GROUND	13.5 (4.0)
		GROUND CABLE	3 (1.0)	POST MOUNTED	5 (1.0)

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE ECONOLITE TO MATCH THE EXISTING ADJACENT SYSTEM.

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS

EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↓ ↑	← →

REVISIONS

NO.	DATE	DESCRIPTION

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FROM ILL. RTE. 19 IRVING PARK
 CABLE PLAN/
 DESIGNATION I
 SPRING SOUTH ROAD

SCALE: NONE
 DATE: 16-FEB-2004



USER NAME = sjo	DESIGNED - SJC	REVISED -
PLOT SCALE = 28.0000 "/in.	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

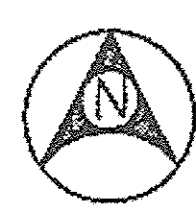
VILLAGE OF SCHAUMBURG
 LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

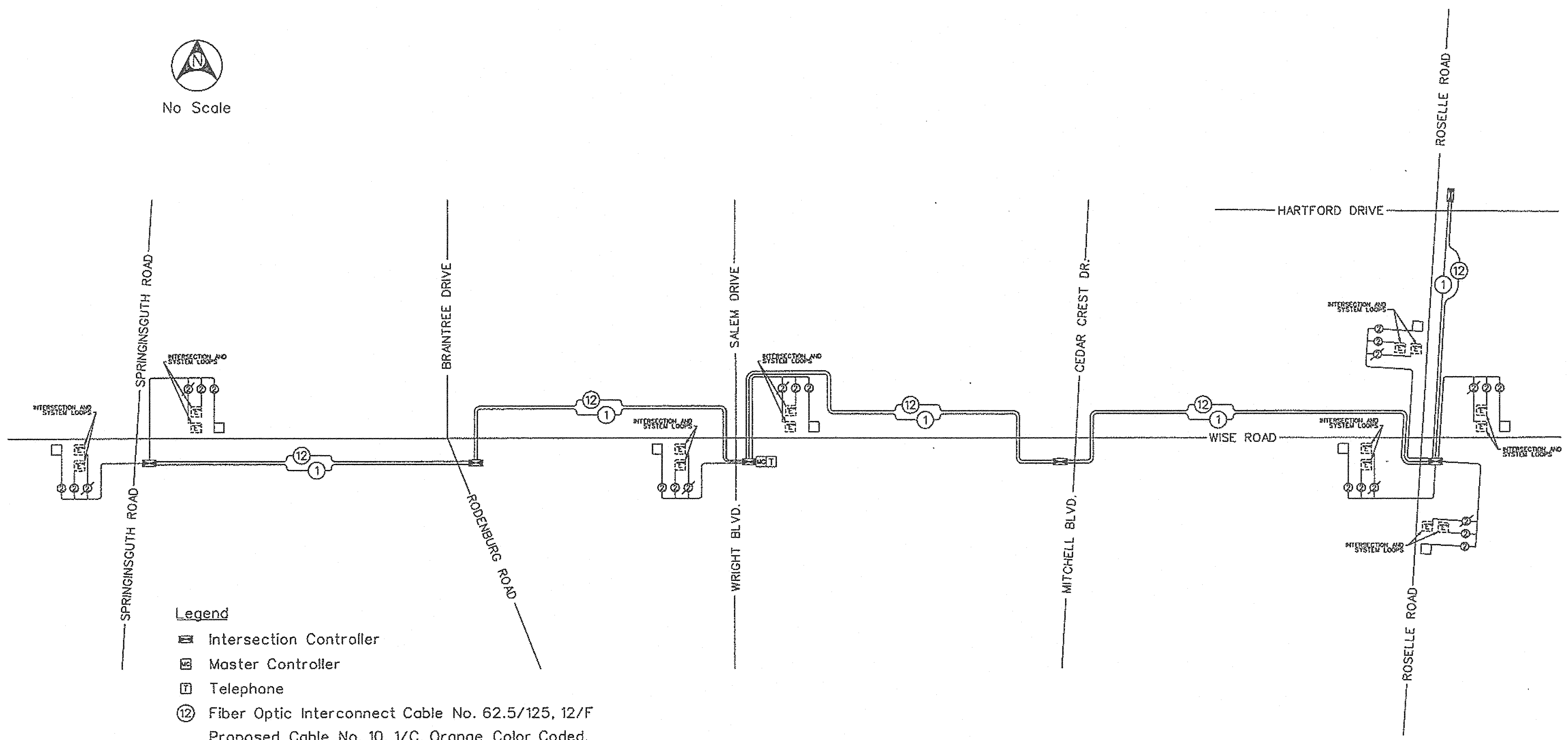
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15-00118-00-LT	COOK/DUPAGE	64	55	
CONTRACT NO. 61003			ILLINOIS FED. AID PROJECT	

COUNTY HIGHWAY	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
A69	96	3	22

SECTION NO. 95-A6908-02-7L



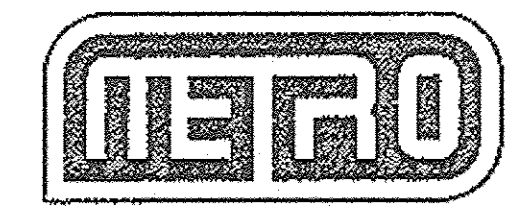
No Scale



Legend

- Intersection Controller
- Master Controller
- Telephone
- Fiber Optic Interconnect Cable No. 62.5/125, 12/F
- Proposed Cable No. 10, 1/C, Orange Color Coded. To Be Run From Controller Double Handhole To Controller Double Handhole.
- Proposed Detector Loop
- Existing Detector Loop
- Existing Detector Cable
- Proposed Detector Cable *14 AWG, Twisted, Shielded

REFERENCE ONLY



METRO TRANSPORTATION GROUP INC.
 1300 GREENBROOK BLVD. HANOVER PARK, IL. 60103 - (630) 213-1000

REVISIONS					
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

INTERCONNECT SCHEMATIC				
SPRINGINGUTH RD. TO ROSELLE RD.				
SCALE:	N/A	DATE:	09/16/96.	JOB NO.: 2941-00
				3 SHEET NO. OF 22

PLOT DRIVER = 480 TORVALS
 PEN TABLE = 480 RENTELLS
 FILE NAME = 15-00118-00-LT.dgn



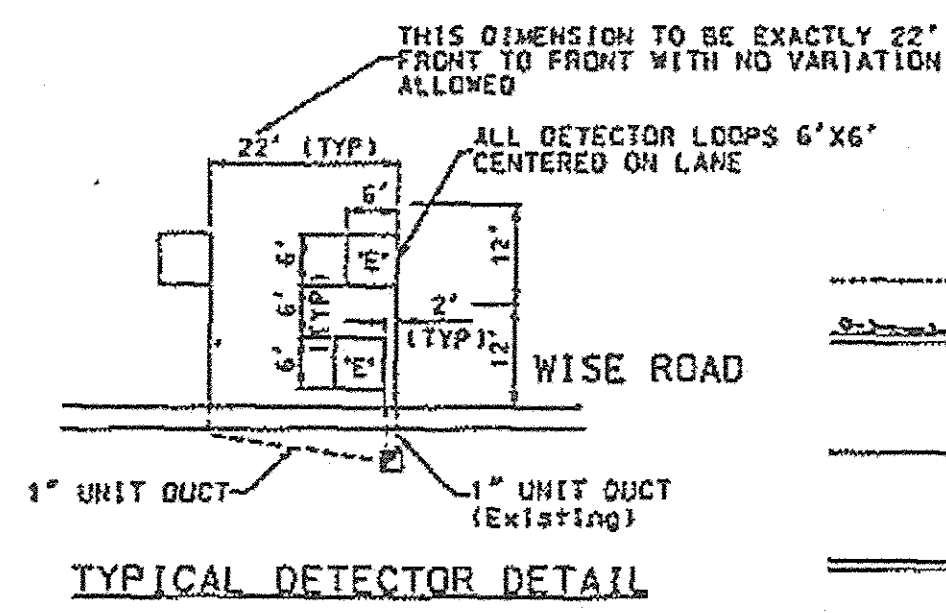
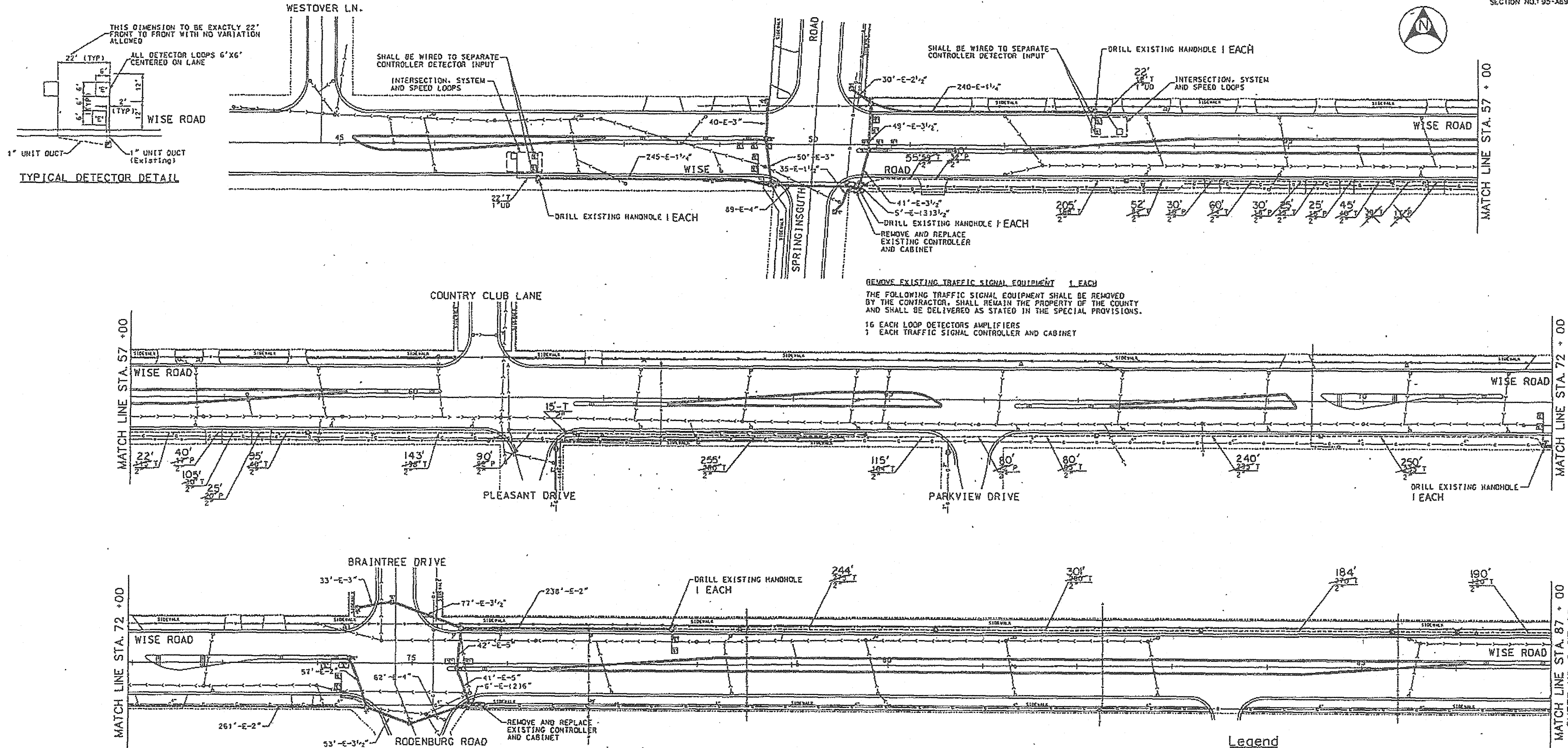
USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20,0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF SCHAUMBURG
 LT-1 ARTERIAL LIGHTING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	56
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				



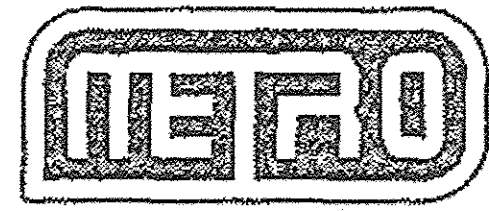
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT 1 EACH
 THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR. SHALL REMAIN THE PROPERTY OF THE COUNTY AND SHALL BE DELIVERED AS STATED IN THE SPECIAL PROVISIONS.
 16 EACH LOOP DETECTORS AMPLIFIERS
 1 EACH TRAFFIC SIGNAL CONTROLLER AND CABINET

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT 1 EACH
 THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR. SHALL REMAIN THE PROPERTY OF THE COUNTY AND SHALL BE DELIVERED AS STATED IN THE SPECIAL PROVISIONS.
 10 EACH LOOP DETECTORS AMPLIFIERS
 1 EACH TRAFFIC SIGNAL CONTROLLER AND CABINET

REFERENCE ONLY

- Legend**
- Proposed Controller
 - Proposed Detector Loop
 - Existing Detector Loop
 - Proposed Handhole
 - Existing Handhole
 - Existing Double Handhole
 - Existing Heavy-Duty Handhole
 - Proposed Conduit
 - Existing Conduit
 - Proposed Unit Duct
 - Existing Unit Duct
 - Common Trench
 - Sanitary Sewer
 - Storm Sewer
 - Telephone
 - Gas
 - Electric
 - Water Main

AS BUILT



METRO TRANSPORTATION GROUP INC.
 1300 GREENBROOK BLVD. HANOVER PARK, IL. 60103 - (630) 213-1000

REVISIONS					
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

SIGNAL INTERCONNECT PLAN
 EAST OF SPRINGINGGUTH RD. TO EAST OF RODENBURG RD.

SCALE: 1"=50' DATE: 09/16/96 JOB NO.: 2941-00 5 SHEET NO. OF 22

PLOT DRIVER = SPLTDRVL\$
 PEN TABLE = \$PENTBL\$
 FILE NAME = ...2941-00-05.dgn



USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

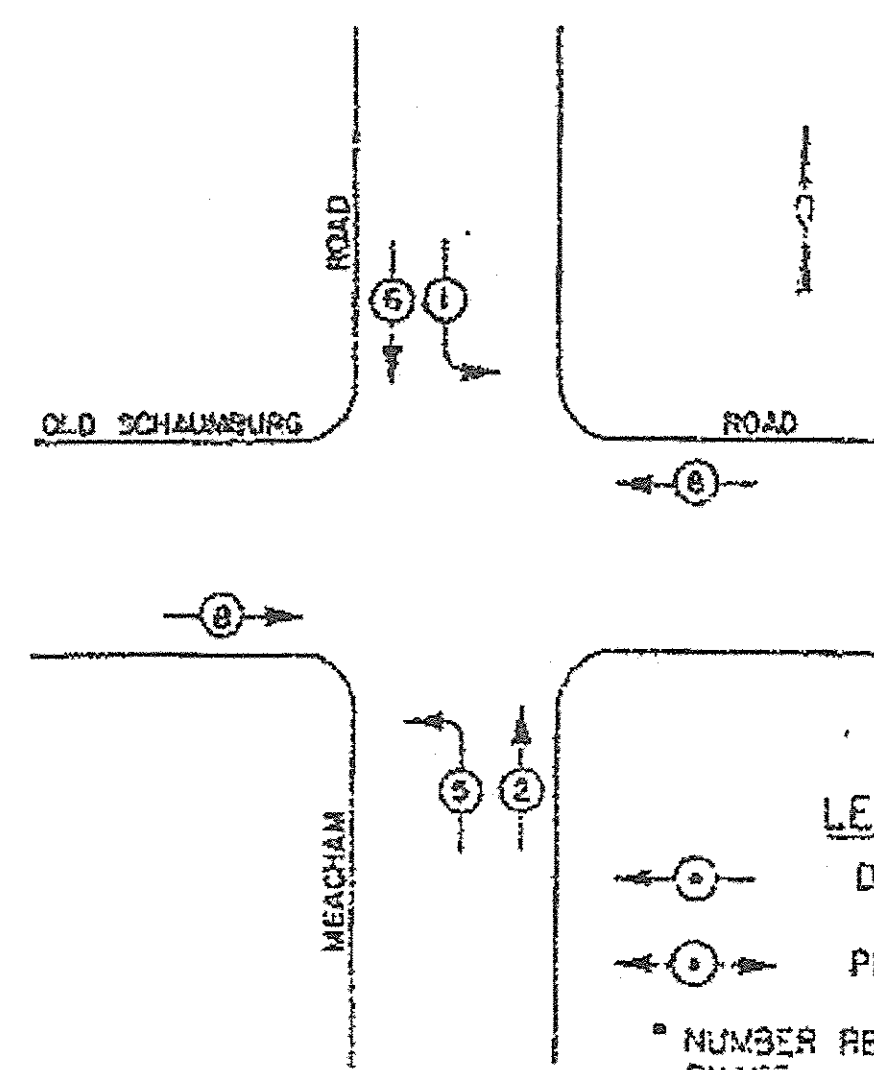
VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	57
CONTRACT NO. 61D03			ILLINOIS FED. AID PROJECT	

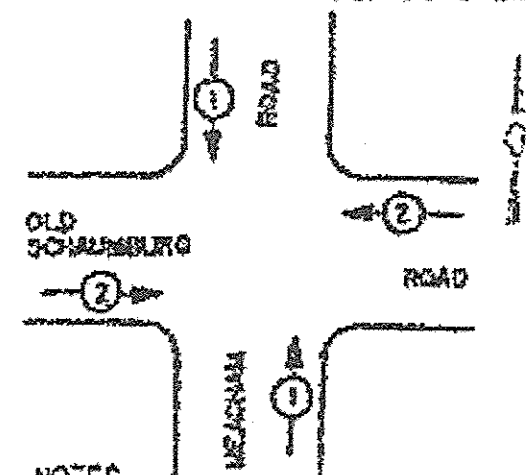
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			49	27
STA.	TO STA.			
FED. ROAD DIST. NO. 7	MAPSHEET	PER. NO. PROJECT		

CONTROLLER SEQUENCE III
 REFERRING TO STANDARD 2393, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW.



PHASE DESIGNATION DIAGRAM
 DUAL ENTRY - ALL LEGS
 PROTECTED/PERMITTED LEFT TURN PHASING

EMERGENCY VEHICLE PREEMPTION SEQUENCE NOTES FOR DUAL ENTRY OPERATION - ALL LEGS

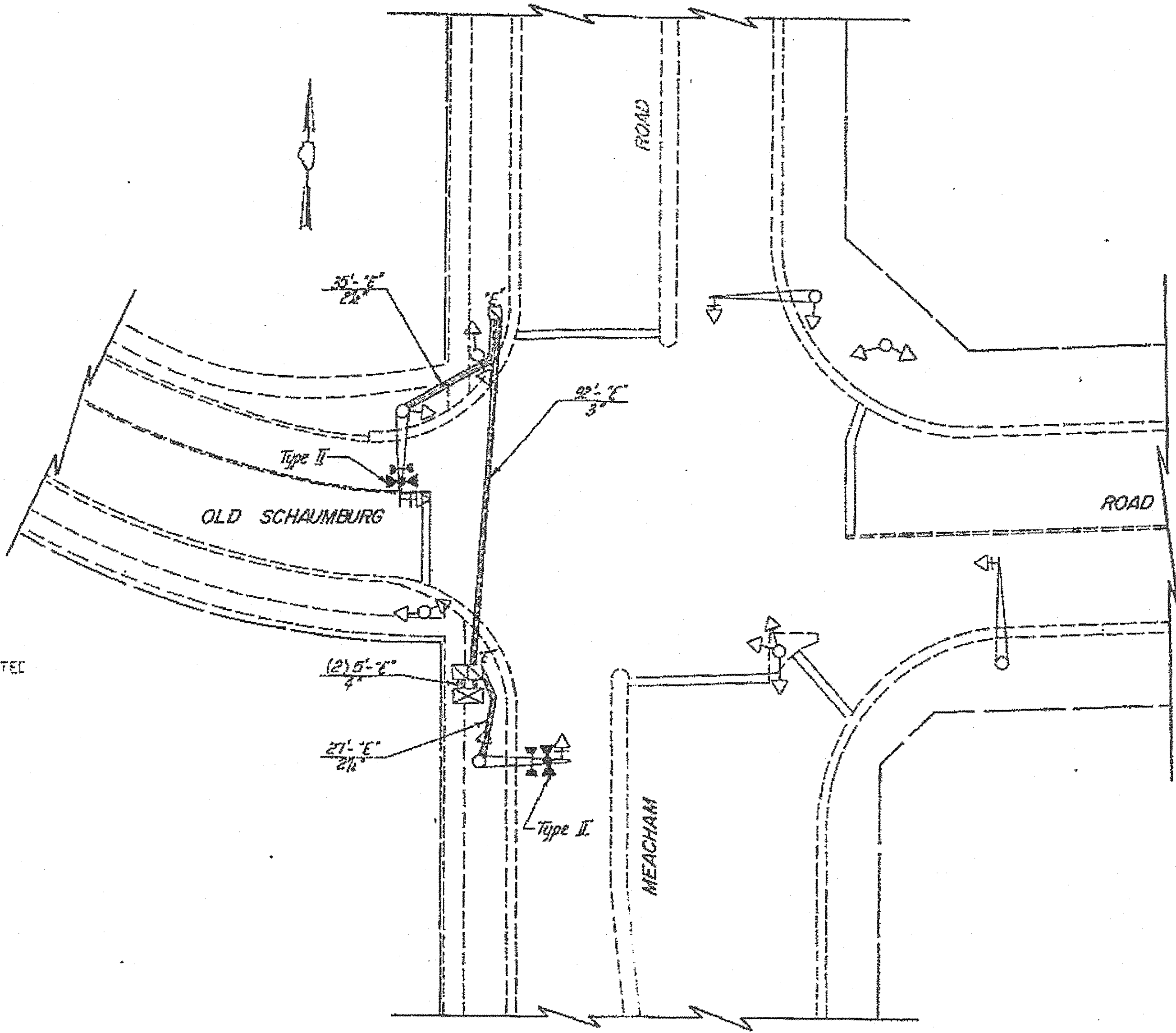


PROPOSED PRIORITY LANES		
PRIORITY LANE INTERVAL	1	2
MOVEMENT	↓ ↑	← →

NOTES:

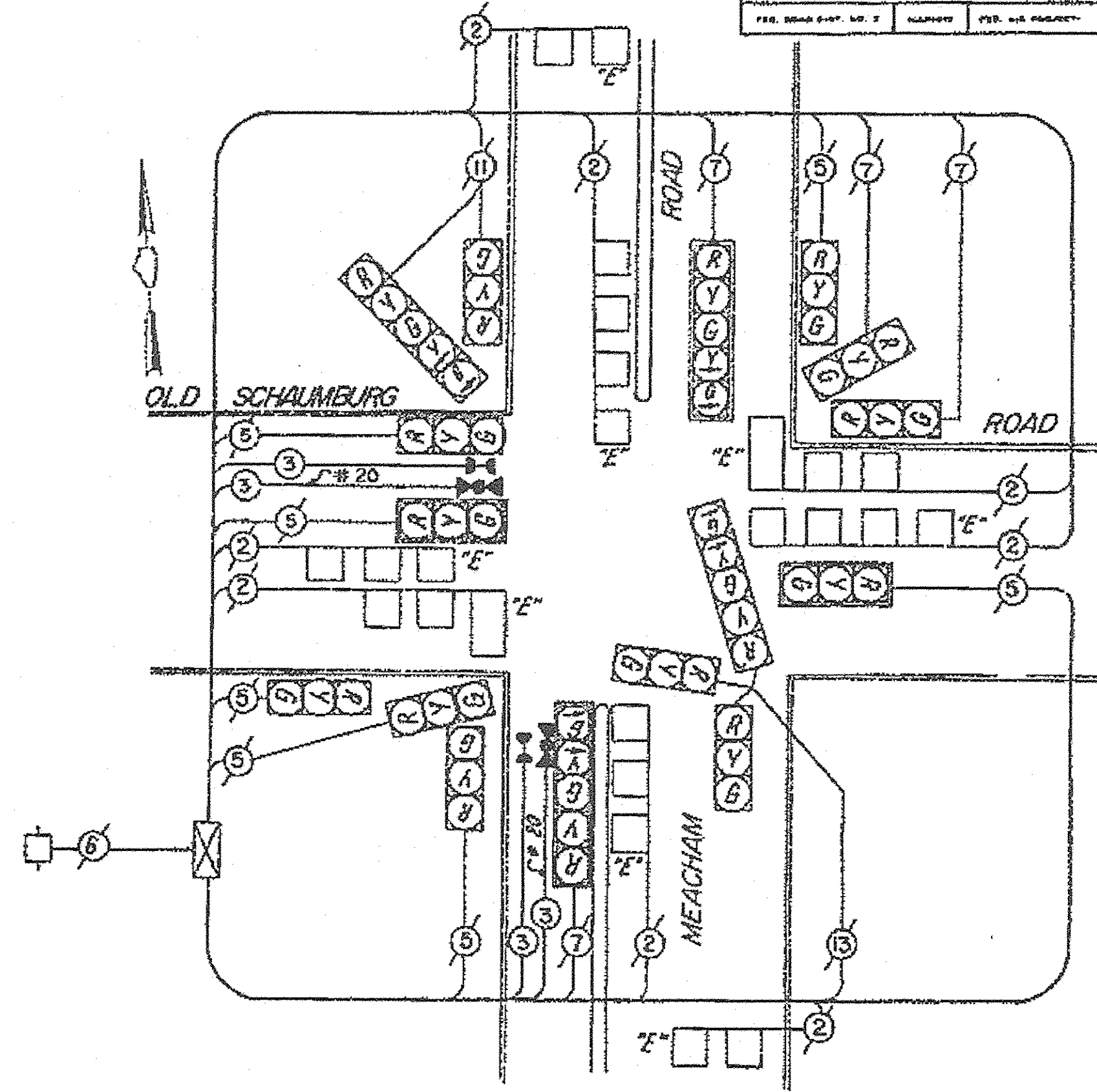
- ONCE PREEMPTION HAS BEEN CALLED, TERMINATION OF A PHASE(S) SHALL BE IDENTICAL TO THE NORMAL SEQUENCE OF OPERATION'S TERMINATION OF A PHASE(S) AS DESCRIBED IN STANDARD 2393.
- CONTINUATION OR TERMINATION OF ALL RIGHT TURN OVERLAPS SHALL BE IDENTICAL TO THE NORMAL SEQUENCE OF OPERATION'S CONTINUATION OR TERMINATION OF RIGHT TURN OVERLAPS AS DESCRIBED IN THE CLEARANCE NOTES FOR RIGHT TURN OVERLAPS.
- TERMINATION OF ALL PEDESTRIAN PHASES SHALL INCLUDE A FULL FLASHING "DON'T WALK" INTERVAL.
- IF ALL RED CLEARANCE IS USED IN THE NORMAL SEQUENCE OF OPERATION, IT MUST BE DISPLAYED AFTER THE YELLOW CLEARANCE INTERVAL WHEN ENTERING OR LEAVING THE PREEMPTION SEQUENCE.

REFERENCE ONLY



TRAFFIC SIGNAL PLAN
 SCALE 1" = 20'

	PROPOSED	EXISTING
CONTROLLER	[Symbol]	[Symbol]
SERVICE INSTALLATION	[Symbol]	[Symbol]
SIGNAL HEAD	[Symbol]	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	[Symbol]
SIGNAL HEAD, PEDESTRIAN	[Symbol]	[Symbol]
SIGNAL POST	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, STEEL	[Symbol]	[Symbol]
HANDHOLE	[Symbol]	[Symbol]
HEAVY DUTY HANDHOLE	[Symbol]	[Symbol]
DOUBLE HANDHOLE	[Symbol]	[Symbol]
G.S. CONDUIT IN TRENCH OR PUSHED	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	[Symbol]
EMERGENCY VEHICLE SYSTEM DETECTOR	[Symbol]	[Symbol]
CONFIRMATION BEACON	[Symbol]	[Symbol]
COMMON TRENCH	[Symbol]	[Symbol]
UNIT DUCT	[Symbol]	[Symbol]
PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]	[Symbol]
DETECTOR LOOP	[Symbol]	[Symbol]



CABLE PLAN
 NOT TO SCALE

CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
[Symbol]	[Symbol]	8" TRAFFIC SIGNAL SECTION
[Symbol]	[Symbol]	12" TRAFFIC SIGNAL SECTION
[Symbol]	[Symbol]	12" PEDESTRIAN SIGNAL SECTION
[Symbol]	[Symbol]	CONTROLLER CABINET
[Symbol]	[Symbol]	SERVICE INSTALLATION
[Symbol]	[Symbol]	VEHICLE DETECTOR, INDUCTION LOOP
[Symbol]	[Symbol]	CONFIRMATION BEACON
[Symbol]	[Symbol]	EMERGENCY VEHICLE LIGHT DETECTOR
[Symbol]	[Symbol]	PUSHBUTTON DETECTOR
[Symbol]	[Symbol]	DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.

SCHEDULE OF QUANTITIES MEACHAM ROAD / OLD SCHAUMBURG ROAD		
		TOTAL
ELECTRIC CABLE IN CONDUIT NO. 14 3/C	FEET	277
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
LIGHT DETECTOR AMPLIFIER	EACH	1
EV PRIORITY SYSTEM LEAD-IN CABLE IN CONDUIT	FEET	277
LIGHT DETECTOR, TYPE II	EACH	2

REVISIONS	
NAME	DATE

LOCATION NO. 18 - CCHD
 VILLAGES OF SCHAUMBURG / HOFFMAN ESTATES
TRAFFIC SIGNAL MODIFICATION
 MEACHAM ROAD / OLD SCHAUMBURG ROAD
 SCALE 1" = 20'
 DRAWN BY: ARS
 DATE: 4-21-08
 CHECKED BY: WBA

PLOT DRIVER = 400 TORVIL \$
 PEN TABLE = 4000000 \$
 FILE NAME = 20080715_06.dgn



USER NAME = rjg	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
 LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	58
			CONTRACT NO. 61D03	
ILLINOIS FED. AID PROJECT				

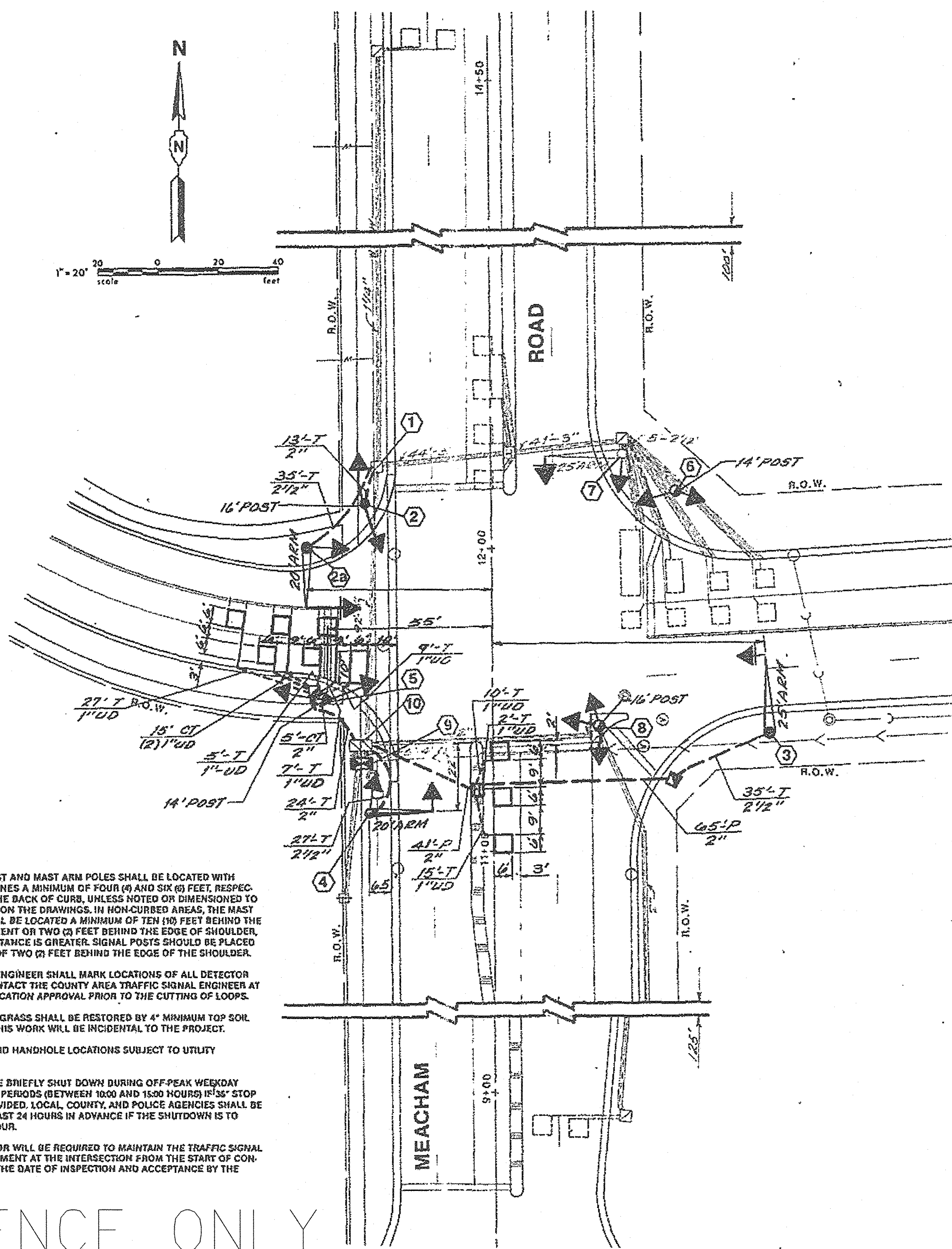
SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
SIGNAL HEAD, ALUMINUM 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, ALUMINUM, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, ALUMINUM, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, ALUMINUM, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, ALUMINUM, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, ALUMINUM, 3-FACE, 2-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE	EACH	4
TRAFFIC SIGNAL POST, FERROUS 14 FT.	EACH	2
TRAFFIC SIGNAL POST, FERROUS 16 FT.	EACH	2
ALUMINUM MAST ARM ASSEMBLY AND POLE, 20 FT. (19'-9" POLE)	EACH	1
ALUMINUM MAST ARM ASSEMBLY AND POLE, 25 FT. (19'-9" POLE)	EACH	1
FULL-ACTUATED CONTROLLER, STANDARD SEQUENCE III, 5 PHASE IN TYPE IV CABINET	EACH	1
INDUCTION LOOP DETECTOR AMPLIFIER	EACH	3
DETECTOR LOOP	LIN. FT.	200
GALVANIZED STEEL CONDUIT IN TRENCH 2"	LIN. FT.	42
GALVANIZED STEEL CONDUIT IN TRENCH 2 1/2"	LIN. FT.	97
GALVANIZED STEEL CONDUIT, PUSHED 2"	LIN. FT.	106
UNIT DUCT, WITHOUT CABLE, IN TRENCH 1"	LIN. FT.	105
ELECTRIC CABLE IN CONDUIT NO. 14 5/c	LIN. FT.	678
ELECTRIC CABLE IN CONDUIT NO. 14 7/c	LIN. FT.	314
ELECTRIC CABLE IN CONDUIT NO. 14 2/c, TWISTED, SHIELDED	LIN. FT.	180
CONCRETE FOUNDATION, TYPE A	LIN. FT.	2
CONCRETE FOUNDATION, TYPE E, 24" DIAMETER	LIN. FT.	30
CONCRETE HANDHOLE	EACH	2
CONCRETE HEAVY DUTY HANDHOLE	EACH	1
TRENCH AND BACKFILL	LIN. FT.	193
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1
RELOCATE EXISTING INDUCTION LOOP DETECTOR AMPLIFIER	EACH	5
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
PULL ELECTRIC CABLE FROM CONDUIT	LIN. FT.	244
PULL AND REINSTALL ELECTRIC CABLE FROM CONDUIT	LIN. FT.	20
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	LMP SM	
DRILL EXISTING HANDHOLE	EACH	3
MODIFY EXISTING CONTROLLER FOUNDATION	EACH	1

GENERAL NOTES

- ALL DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS REQUIRED AND SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE LOOP DETECTOR AMPLIFIER MANUFACTURERS' RECOMMENDATIONS. THE DETECTOR LOOP SHALL BE MEASURED FOR THAT PORTION OF SAW CUT BEYOND THE SPLICE, AS SPECIFIED IN SECTION T 418.04 OF THE SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- LEAD-IN WIRING SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE MANUFACTURERS' RECOMMENDATIONS. THE 2/C SHIELDED CABLE TO BE USED FOR THE DETECTOR LOOP LEAD-IN SHALL BE MEASURED FROM THE SPLICE TO THE CONTROLLER, AS SPECIFIED IN SECTION T 421.04 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS. FLAT CABLE WILL NOT BE PERMITTED.
- ALL SIGNAL AND DETECTOR ELECTRIC CABLE THAT IS FURNISHED BY THE CONTRACTOR SHALL BE PROTECTED BY POLYETHYLENE INSULATION WITH A POLYVINYLCHLORIDE JACKET. SERVICE CABLE MAY HAVE AN XLP JACKET.
- THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN, AND ISLAND SURFACE PAVING AT HANDHOLES, JACKING PITS, INSPECTION OPENINGS, AND CONCRETE JUNCTION BOXES AND/OR CONDUIT IN TRENCH SHALL BE SAW CUT AROUND THE AREA TO BE REMOVED. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN, AND ISLAND SURFACE PAVING WILL BE PAID FOR SEPARATELY.
- THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD-VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATION OF UTILITIES, CALL JULLIE, TOLL-FREE NUMBER 1-800-992-0123, AND THE VILLAGE OF SCHAUMBURG.
- ALL SIGNAL POST AND MAST ARM POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF FOUR (4) AND SIX (6) FEET, RESPECTIVELY, FROM THE BACK OF CURB, UNLESS NOTED OR DIMENSIONED TO THE CONTRARY ON THE DRAWINGS. IN NON-CURBED AREAS, THE MAST ARM POLE SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. SIGNAL POSTS SHOULD BE PLACED AT A MINIMUM OF TWO (2) FEET BEHIND THE EDGE OF THE SHOULDER.
- THE RESIDENT ENGINEER SHALL MARK LOCATIONS OF ALL DETECTOR LOOPS AND CONTACT THE COUNTY AREA TRAFFIC SIGNAL ENGINEER AT 443-7876 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF LOOPS.
- ALL DISTURBED GRASS SHALL BE RESTORED BY 4" MINIMUM TOP SOIL AND SOODED. THIS WORK WILL BE INCIDENTAL TO THE PROJECT.
- FOUNDATION AND HANDHOLE LOCATIONS SUBJECT TO UTILITY CLEARANCE.
- SIGNALS MAY BE BRIEFLY SHUT DOWN DURING OFF-PEAK WEEKDAY CONSTRUCTION PERIODS (BETWEEN 10:00 AND 15:00 HOURS) IF 25' STOP SIGNS ARE PROVIDED. LOCAL, COUNTY, AND POLICE AGENCIES SHALL BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE IF THE SHUTDOWN IS TO EXCEED ONE HOUR.
- THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE TRAFFIC SIGNAL CONTROL EQUIPMENT AT THE INTERSECTION FROM THE START OF CONSTRUCTION TO THE DATE OF INSPECTION AND ACCEPTANCE BY THE COUNTY.

REFERENCE ONLY



CONSTRUCTION NOTES

- DISCONNECT AND PULL EXISTING 11/c CABLE FROM EXISTING 16' POST BACK TO EXISTING HANDHOLE. (SEE NOTE NO. 2)
- FURNISH AND INSTALL NEW 16' FERROUS POST ON NEW TYPE A FOUNDATION. INSTALL NEW SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED TO POST. THEN PULL EXISTING 11/c CABLE FROM EXISTING HANDHOLE BACK THROUGH NEW 2" CONDUIT TO NEW 16' POST AND CONNECT EXISTING CABLE TO NEW HEAD.
- FURNISH AND INSTALL NEW ALUMINUM MAST ARM ASSEMBLY AND POLE 19'-9" 20' ARM ON NEW TYPE E FOUNDATION. INSTALL NEW SIGNAL HEAD, 1-FACE, 3-SECTION WITH BACKPLATE TO MAST ARM AND NEW SIGNAL HEAD, 1-FACE, 3-SECTION BRACKET MOUNTED TO POLE. RUN BOTH NEW 5/c CABLE BACK TO CONTROLLER.
- FURNISH AND INSTALL NEW ALUMINUM MAST ARM ASSEMBLY AND POLE, 19'-9", 25' ARM, ON NEW TYPE E FOUNDATION. INSTALL NEW SIGNAL HEAD, 1-FACE, 3-SECTION, WITH BACKPLATE TO MAST ARM. RUN NEW 5/c CABLE BACK TO CONTROLLER.
- RELOCATED EXISTING ALUMINUM MAST ARM ASSEMBLY AND POLE, 19'-9", 20' ARM, ON NEW TYPE E FOUNDATION. INSTALL NEW SIGNAL HEAD, 1-FACE, 5-SECTION, WITH BACKPLATE TO MAST ARM. INSTALL NEW SIGNAL HEAD, 2-FACE, 3-SECTION BRACKET MOUNTED, TO POLE. RUN NEW 5/c, 7/c CABLE BACK TO CONTROLLER.
- FURNISH AND INSTALL NEW 14' FERROUS POST ON NEW TYPE A FOUNDATION. INSTALL NEW SIGNAL HEAD, 2-FACE, 3-SECTION, BRACKET MOUNTED, TO POLE. RUN NEW (2) TWO 5/c CABLES BACK TO CONTROLLER.
- FURNISH AND INSTALL NEW 14' FERROUS POST ON EXISTING TYPE A FOUNDATION. INSTALL NEW SIGNAL HEAD, 2-FACE, 3-SECTION, BRACKET MOUNTED TO POLE. USE EXISTING 7/c CABLE.
- EXISTING ALUMINUM MAST ARM ASSEMBLY AND POLE; FURNISH AND INSTALL NEW SIGNAL HEAD, 1-FACE, 3-SECTION, WITH BACKPLATE TO MAST ARM. RUN NEW 7/c CABLE BACK TO CONTROLLER. INSTALL NEW SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED, TO POLE AND USE EXISTING 5/c CABLE.
- FURNISH AND INSTALL NEW 16' FERROUS POST ON EXISTING TYPE A FOUNDATION. INSTALL NEW SIGNAL HEAD, 3-FACE, 2-3 SECTION, 1-5 SECTION, BRACKET MOUNTED, TO POST. USE EXISTING 13/c CABLE.
- MODIFY EXISTING TYPE D FOUNDATION AND FURNISH AND INSTALL NEW FULL-ACTUATED CONTROLLER, V-PHASE, STANDARD SEQUENCE, IN TYPE IV CABINET (SEE SHEET NO. 4 FOR DETAIL).
- DRILL EXISTING HANDHOLE FOR NEW 2" AND 2 1/2" G.S. CONDUIT (3 HOLES).

NOTE: SEE SHEET NO. 5 FOR CABLE PLAN.

PLAN LEGEND

EXISTING	PROPOSED
	CONTROLLER ON MODIFIED FOUNDATION
	SIGNAL HEAD WITH BACKPLATE
	MAST ARM ASSEMBLY AND POLE
	SIGNAL POST AND HEAD
	TRAFFIC SIGNAL HANDHOLE
	TRAFFIC SIGNAL HEAVY DUTY HANDHOLE
	TRAFFIC SIGNAL DOUBLE HANDHOLE
	G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
	UD—UNIT DUCT TRENCHED (T)
	LOOP DETECTOR INDUCTION LOOP MULTIPLES 6' x 6' (OR OTHERWISE NOTED)
	NEW POST ON EXISTING FOUNDATION
	COMMON TRENCH
	24' STOP LINE (BY OTHERS)
	RELOCATED MAST ARM ASSEMBLY AND POLE

TRAFFIC SIGNAL MODIFICATION, GENERAL NOTES, AND SUMMARY OF QUANTITIES		job no. 4459-13-39
MEACHAM ROAD AT OLD SCHAUMBURG ROAD SCHAUMBURG, ILLINOIS		scale: 1"=20'
design: M.G.D.		drawn: M.G.D.
approved: G.M.Z.		date: 6-6-87
total sheets: 6		sheet no.: 4
by: [signature] date: [blank] revisions: [blank]		
BARTON-ASCHMAN ASSOCIATES, INC. 830 Davis Street, Evanston, Illinois 60204		

PLOT DRIVER = SPL TDRAWL6
PEN TABLE = \$PENLTL6
FILE NAME = ...21934.15.07.dgn



USER NAME = sjc
DESIGNED = SJC
DRAWN = SJC
CHECKED = DNM
DATE = 08/08/2016

REVISIONS
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

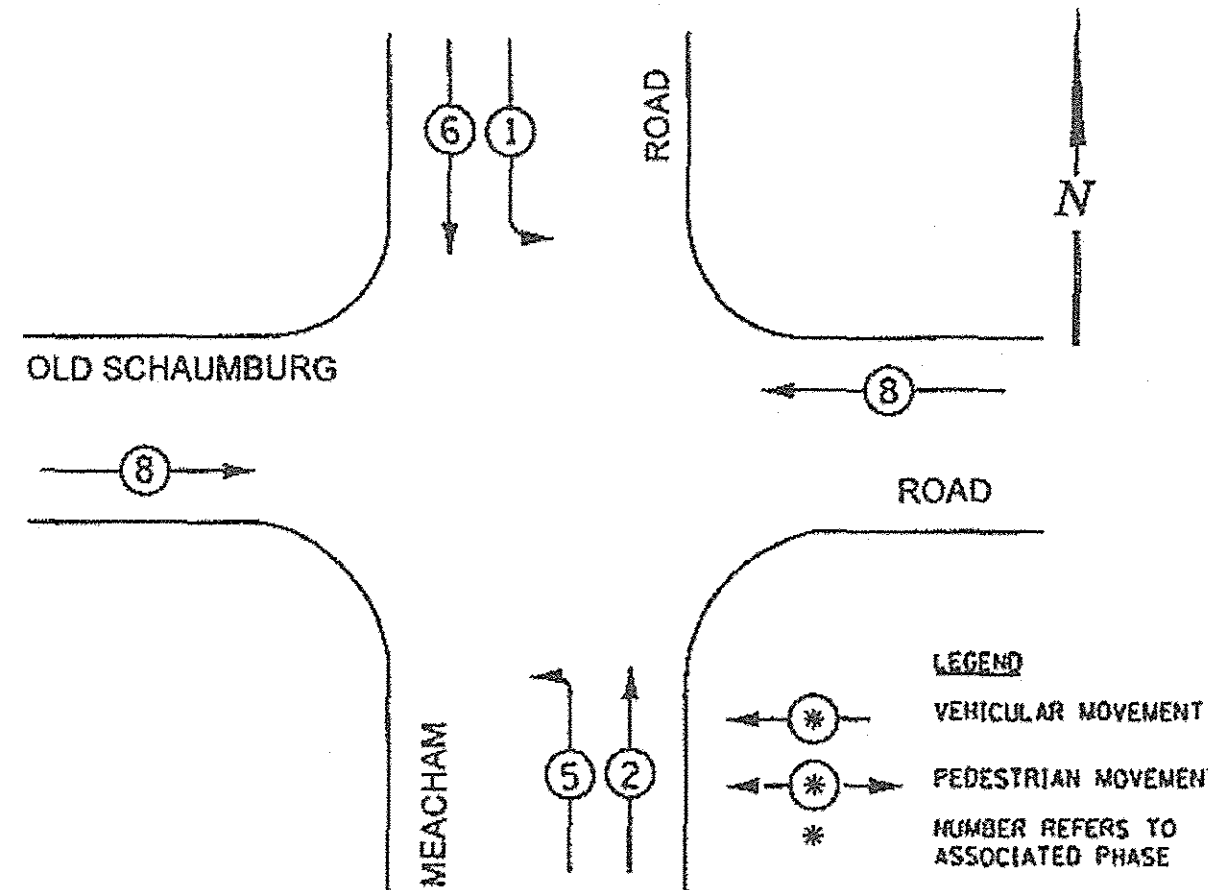
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
15-00118-00-LT COOK/DUPAGE 64 59
CONTRACT NO. 61D03
ILLINOIS FED. AID PROJECT

COUNTY HIGHWAY	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
V64	2011		

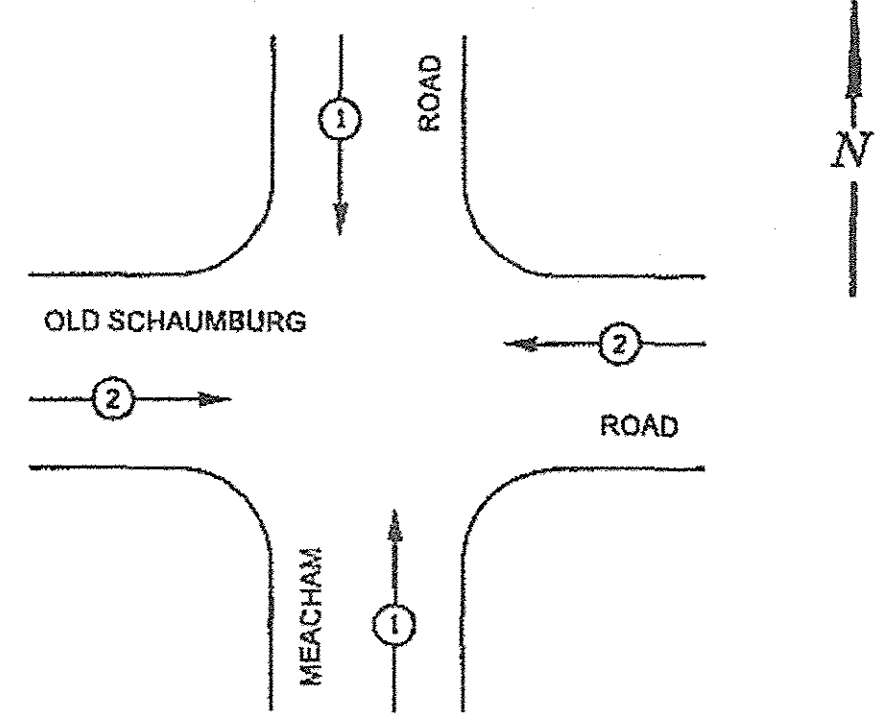
SECTION: 10-TSCMC-08-TL

EXISTING CONTROLLER SEQUENCE



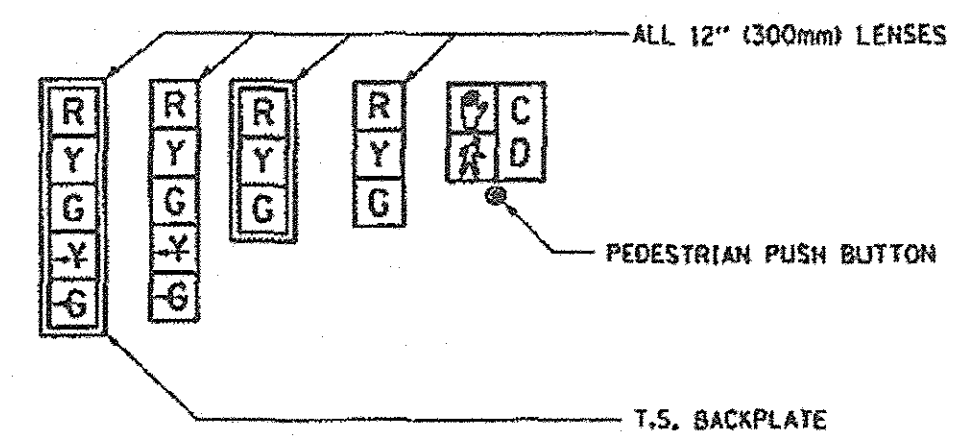
PHASE DESIGNATION DIAGRAM
DUAL ENTRY - ALL LEGS
PROTECTED / PERMITTED LEFT TURN PHASING

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EMERGENCY VEHICLE PREEMPTOR	1	2
MOVEMENT		==

SIGNAL FACES



SIGNAL LENSES

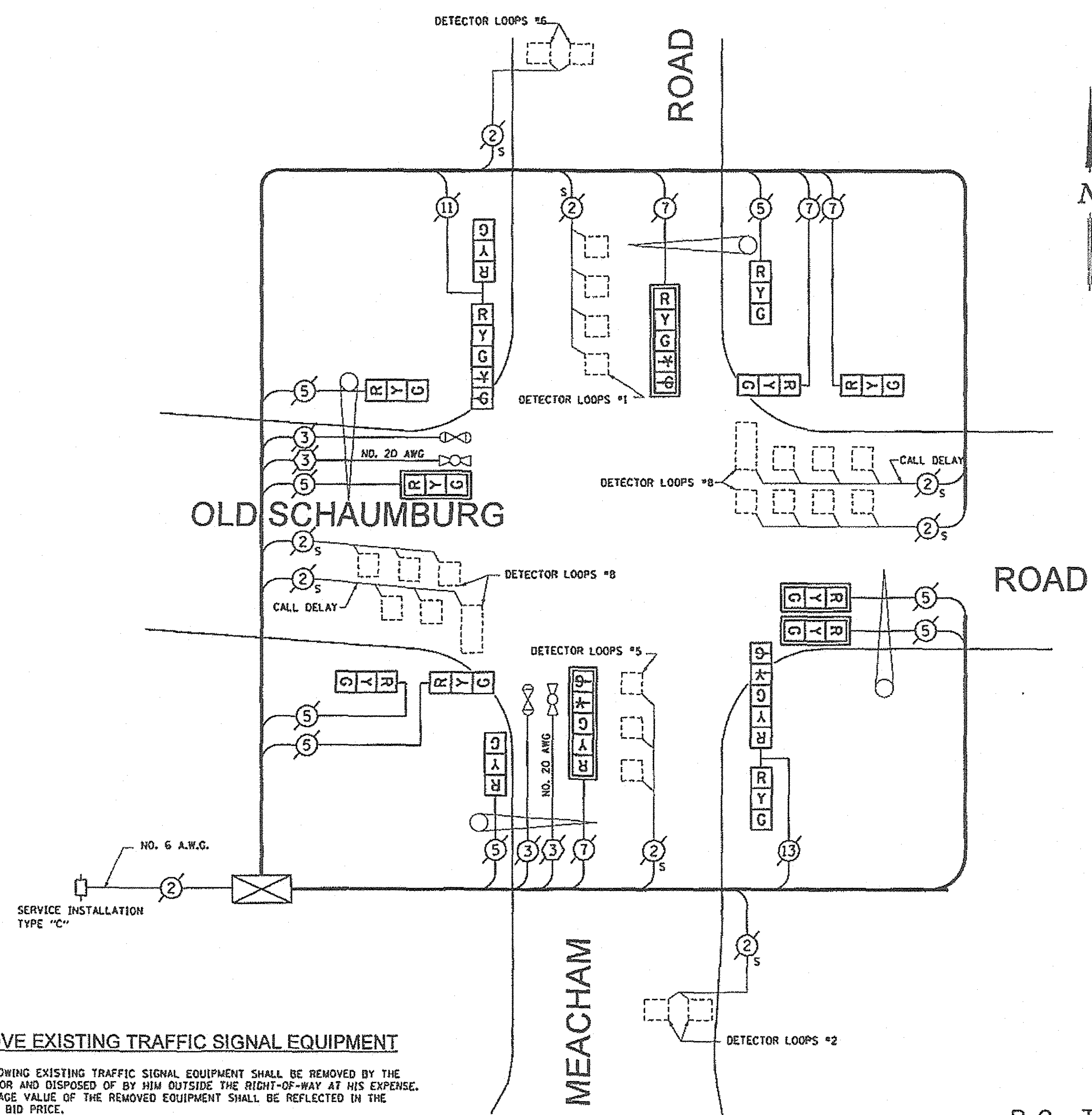
- R RED
- Y YELLOW
- G GREEN
- Y YELLOW TURN INDICATOR
- G GREEN TURN INDICATOR

CABLE PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER CABINET		
SERVICE INSTALLATION		
8" (200mm) TRAFFIC SIGNAL SECTION		
12" (300mm) TRAFFIC SIGNAL SECTION		
12" (300mm) PEDESTRIAN SIGNAL SECTION		
DENOTES NUMBER OF CONDUCTORS ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE TWISTED AND SHIELDED.		
TELEPHONE INSTALLATION		
VEHICLE DETECTOR, INDUCTION LOOP		
SHIELDED & TWISTED	s	s
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIRMATION BEACON		
OPTICOM CABLE, NO. 20		
16" (406mm) x 18" (457mm) PEDESTRIAN COUNTDOWN SIGNAL HEAD		
PUSHBUTTON DETECTOR		
SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.		
GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), CONTROLLER (C), SERVICE (S), POST (P), OR MAST ARM POLE (MA).		
FIBER OPTIC CABLE, NO. 62.5/125 MULTIMODE 12 FIBERS AND SINGLE MODE 12 FIBERS		
UNINTERRUPTIBLE POWER SUPPLY (UPS)	UPS	EUPS

SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	5
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LOAD SWITCH	EACH	5



REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF BY HIM OUTSIDE THE RIGHT-OF-WAY AT HIS EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

QUANTITY	UNIT	DESCRIPTION
6	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
2	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION
2	EACH	SIGNAL HEAD, 2-FACE, 3-SECTION
2	EACH	SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION

CABLE PLAN
NOT TO SCALE

B.C. TO CONTRACT

REFERENCE ONLY

TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	x	17	x 0.50	136
(YELLOW)	16	x	25	x 0.25	100
(GREEN)	16	x	15	x 0.25	60
ARROW	4	x	12	x 0.10	4.8
PED. SIGNAL	0	x	25	x 1.00	0
CONTROLLER	1	x	100	x 1.00	100
VEHICLE DET.	8	x	5	x 1.00	40
FLASHER				x 0.50	
ENERGY COSTS TO:				TOTAL =	440.8

CALL CCHD FOR BILLING INFORMATION AT (312) 603-1730.

ENERGY SUPPLY CONTACT: ComEd
PHONE: (866)-639-3532
COMPANY: ComEd

COUNTY OF COOK DEPARTMENT OF HIGHWAYS	
TRAFFIC SIGNAL INSTALLATION MEACHAM ROAD AT OLD SCHAUMBURG ROAD (CABLE PLAN)	
COMPUTED BY: MKC	APPROVED: _____ 20__
DRAWN BY: CHK	
CHECKED BY: PLW/RLJ	

PLOT DRIVER = \$PLTDIVL\$
PLOT MAKE = \$PLOTLLS\$
FILE NAME = ...2534_15_08.dgn



USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

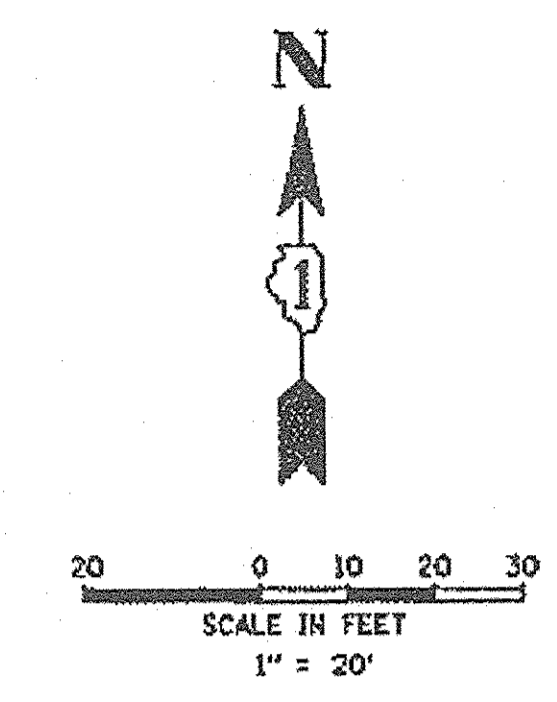
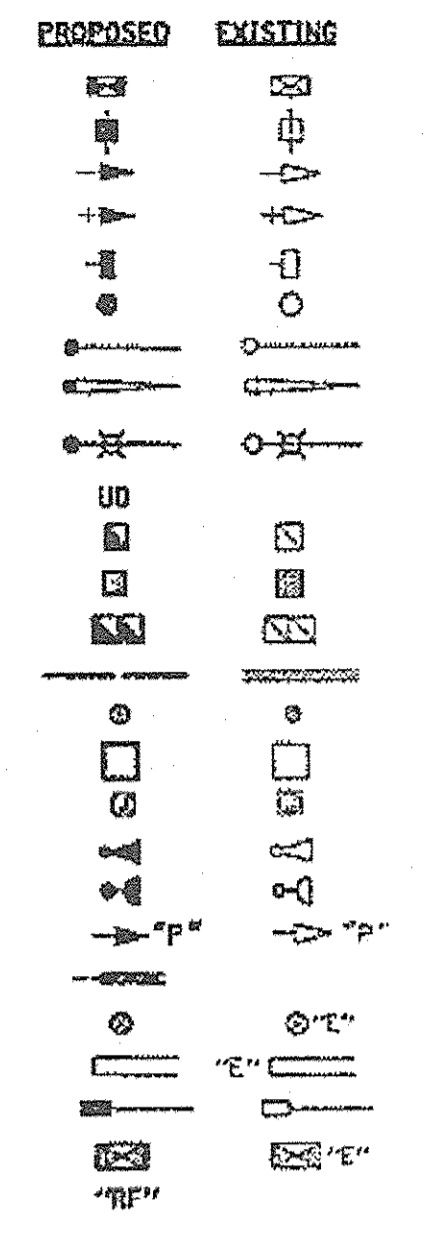
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	60
CONTRACT NO. 61D03			ILLINOIS FED. AID PROJECT	

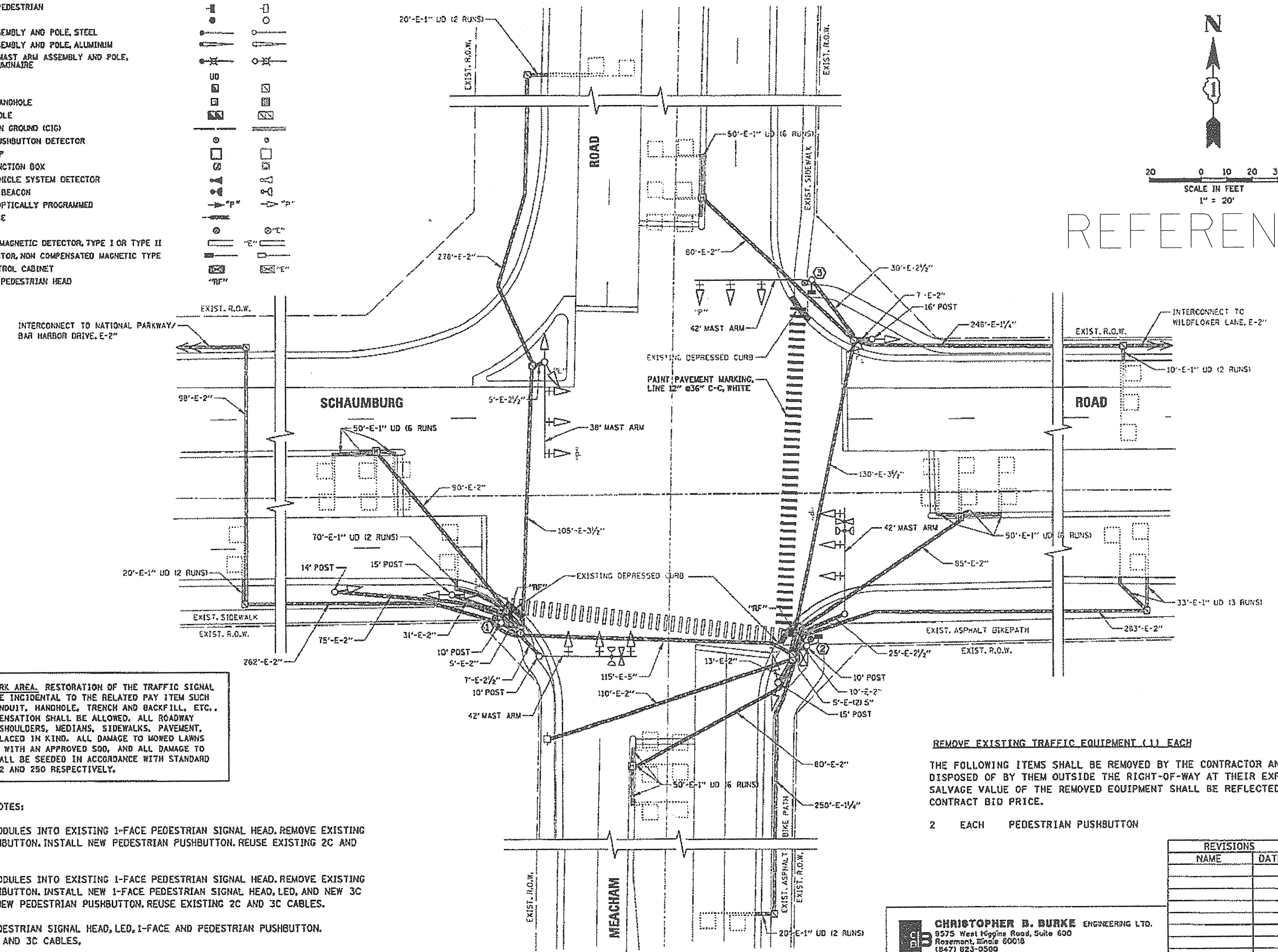
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00075-00-TL	COOK	ILLINOIS	28	23
STA. TO STA.		FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE
- UNIT DUCT
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- G.S. CONDUIT IN GROUND (CIG)
- PEDESTRIAN PUSHBUTTON DETECTOR
- DETECTOR LOOP
- CAST IRON JUNCTION BOX
- EMERGENCY VEHICLE SYSTEM DETECTOR
- CONFIRMATION BEACON
- SIGNAL HEAD OPTICALLY PROGRAMMED
- CONDUIT SPLICE
- WOOD POLE
- RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
- VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
- RAILROAD CONTROL CABINET
- RETROFIT LED PEDESTRIAN HEAD



REFERENCE ONLY



RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

CONSTRUCTION NOTES:

- 1 RETROFIT LED MODULES INTO EXISTING 1-FACE PEDESTRIAN SIGNAL HEAD. REMOVE EXISTING PEDESTRIAN PUSHBUTTON. INSTALL NEW PEDESTRIAN PUSHBUTTON. REUSE EXISTING 2C AND 3C CABLES.
- 2 RETROFIT LED MODULES INTO EXISTING 1-FACE PEDESTRIAN SIGNAL HEAD. REMOVE EXISTING PEDESTRIAN PUSHBUTTON. INSTALL NEW 1-FACE PEDESTRIAN SIGNAL HEAD, LED, AND NEW 3C CABLE. INSTALL NEW PEDESTRIAN PUSHBUTTON. REUSE EXISTING 2C AND 3C CABLES.
- 3 INSTALL NEW PEDESTRIAN SIGNAL HEAD, LED, 1-FACE AND PEDESTRIAN PUSHBUTTON. INSTALL NEW 2C AND 3C CABLES.

REMOVE EXISTING TRAFFIC EQUIPMENT (1) EACH

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 PUSHBUTTON

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**TRAFFIC SIGNAL
 MODIFICATION PLAN**
 SCHAUMBURG ROAD AND MEACHAM ROAD
 SCHAUMBURG, ILLINOIS

SCALE 1" = 20'
 DATE 12-21-2001

DRAWN BY FPB/FCP
 DESIGN BY SJP
 CHECKED BY GMZ

CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

PLOT DRIVER = #PLTDRAWL\$
 PEN TABLE = #PENBELLS\$
 FILE NAME = ...2334_TS_09.dgn

08/18/2016

\\TRAFFIC\01-339\Tratrefg\W00_Voacham.dgn



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PLOT SCALE = 20,0000 1/1 in.	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

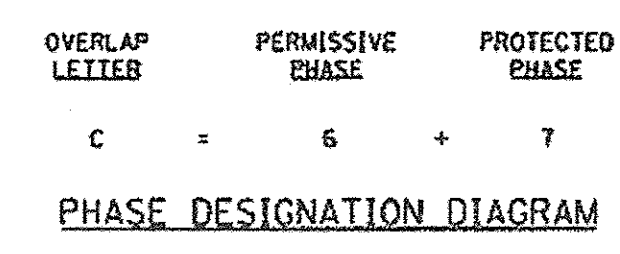
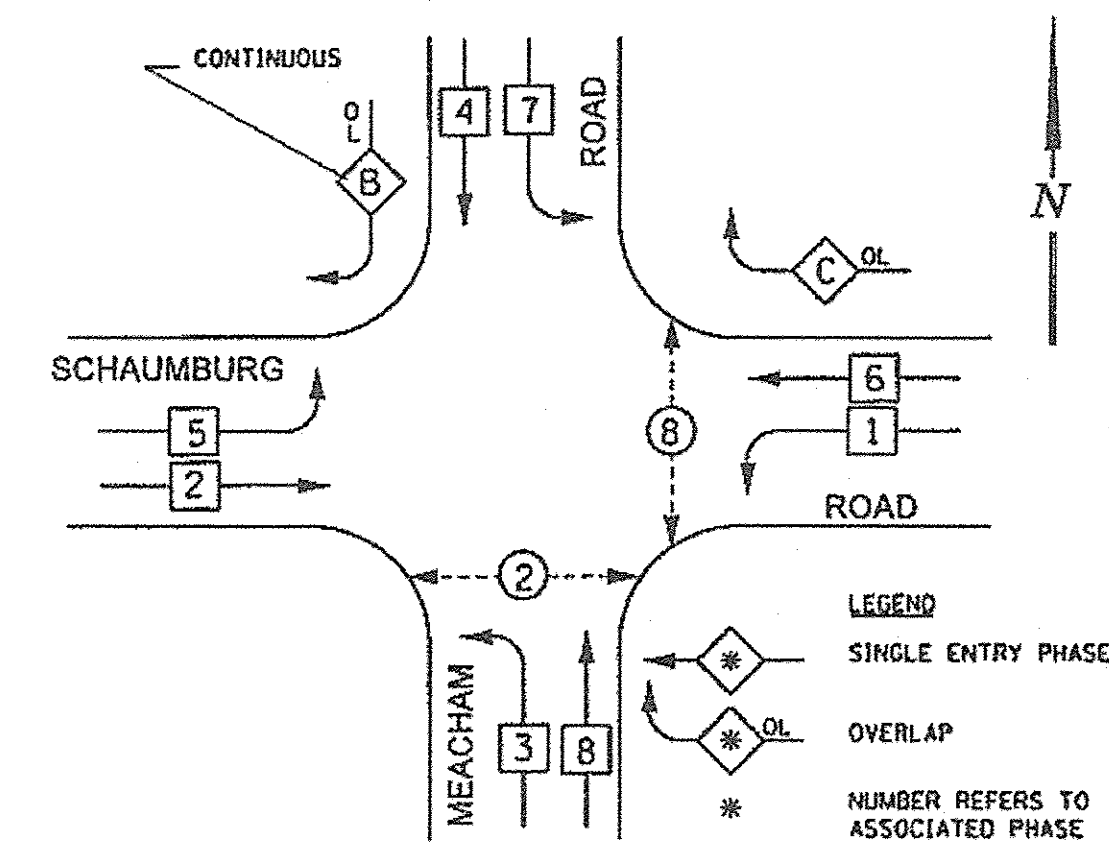
VILLAGE OF SCHAUMBURG
 LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

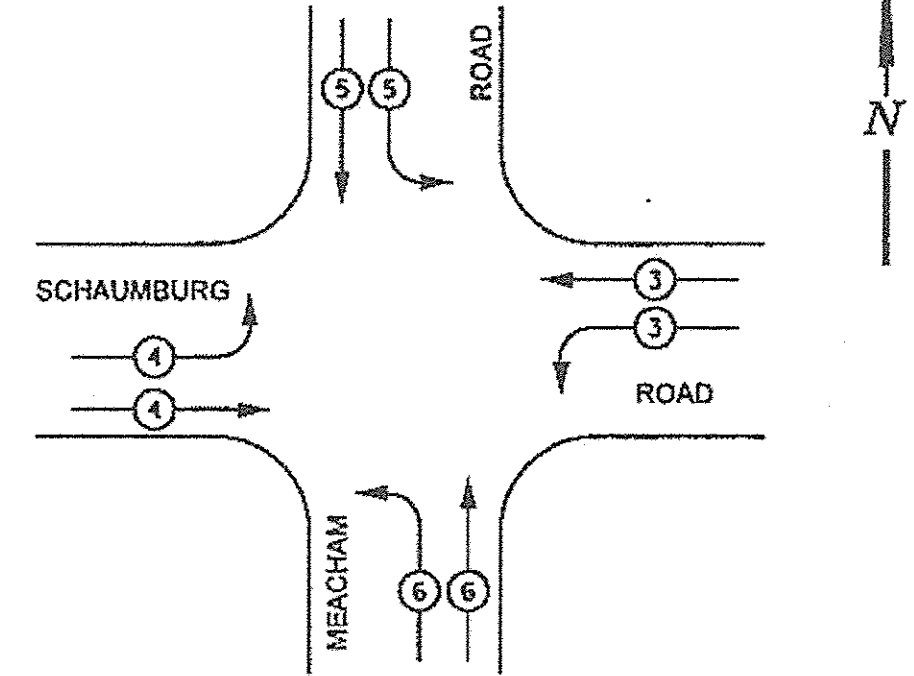
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15-00118-00-LT	COOK/DUPAGE	ILLINOIS	64	61
			CONTRACT NO. 61D03	
ILLINOIS FED. AID PROJECT				

COUNTY HIGHWAY	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
AG6/V64	2011		

EXISTING CONTROLLER SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE

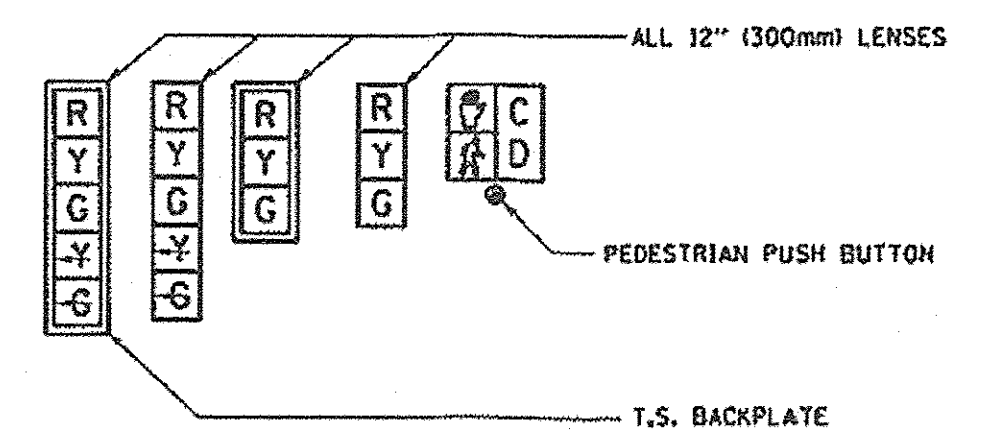


EXISTING EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
EMERGENCY VEHICLE PREEMPTOR				
MOVEMENT	F	L	L	R

CHD TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	INCAND.	LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	21 x		17 x	0.50	178.5
(YELLOW)	21 x		25 x	0.25	131.25
(GREEN)	21 x		15 x	0.25	78.75
ARROW	12 x		12 x	0.10	14.4
PED. SIGNAL	4 x		25 x	1.00	100
CONTROLLER	1 x		100 x	1.00	100
VEHICLE DET.	16 x		5 x	1.00	80
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 682.9
CALL CHD FOR BILLING INFORMATION AT (312) 603-1730.					
ENERGY SUPPLY CONTACT: ComEd					
PHONE: (866)-639-3532					
COMPANY: ComEd					

SIGNAL FACES



SIGNAL LENSES

- R RED
- Y YELLOW
- G GREEN
- Y-G YELLOW TURN INDICATOR
- G-G GREEN TURN INDICATOR

CABLE PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER CABINET		
SERVICE INSTALLATION		
8" (200mm) TRAFFIC SIGNAL SECTION		
12" (300mm) TRAFFIC SIGNAL SECTION		
12" (300mm) PEDESTRIAN SIGNAL SECTION		
DENOTES NUMBER OF CONDUCTORS ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE TWISTED AND SHIELDED.		
TELEPHONE INSTALLATION		
VEHICLE DETECTOR, INDUCTION LOOP		
SHIELDED & TWISTED		
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIRMATION BEACON		
OPTICOM CABLE, NO. 20		
16" (406mm) x 18" (457mm) PEDESTRIAN COUNTDOWN SIGNAL HEAD		
PUSHBUTTON DETECTOR		
SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.		
GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), CONTROLLER (C), SERVICE (S), POST (P), OR MAST ARM POLE (MA).		
FIBER OPTIC CABLE, NO. 62.5/125 MULTIMODE 12 FIBERS AND SINGLE MODE 12 FIBERS		
UNINTERRUPTIBLE POWER SUPPLY (UPS)		

SCHAUMBURG

MEACHAM

ROAD

MEACHAM

SCHAUMBURG

MEACHAM

ROAD

MEACHAM

SCHAUMBURG

MEACHAM

ROAD

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF BY HIM OUTSIDE THE RIGHT-OF-WAY AT HIS EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

QUANTITY	UNIT	DESCRIPTION
11	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
2	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION
2	EACH	SIGNAL HEAD, 2-FACE, 3-SECTION
2	EACH	SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5-SECTION

CABLE PLAN
NOT TO SCALE

NOTE: PUSH-BUTTON "D" SHALL BE PLACED IN PHASES 2 AND 8

B.C. TO CONTRACT

REFERENCE ONLY

NOTE: COUNTY WILL PAY FOR PEDESTRIAN COUNTDOWN SIGNAL HEADS

SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	10
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	12
PEDESTRIAN COUNTDOWN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2
PEDESTRIAN COUNTDOWN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	3
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LOAD SWITCH	EACH	12

COUNTY OF COOK DEPARTMENT OF HIGHWAYS	
TRAFFIC SIGNAL INSTALLATION SCHAUMBURG ROAD & MEACHAM ROAD CABLE PLAN	
COMPUTED BY: EL	APPROVED: _____ 20
DRAWN BY: CH	
CHECKED BY: PLW/BJ	

PLOT DRIVER = \$PLTRVL\$
 PEN TABLE = \$PENLBS\$
 FILE NAME = ...2934.TS.10.dgn



USER NAME = sjc	DESIGNED = SJC	REVISED =
PLOT SCALE = 20.0000' / 1"	DRAWN = SJC	REVISED =
PLOT DATE = 8/18/2016	CHECKED = DNM	REVISED =
	DATE = 08/08/2016	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

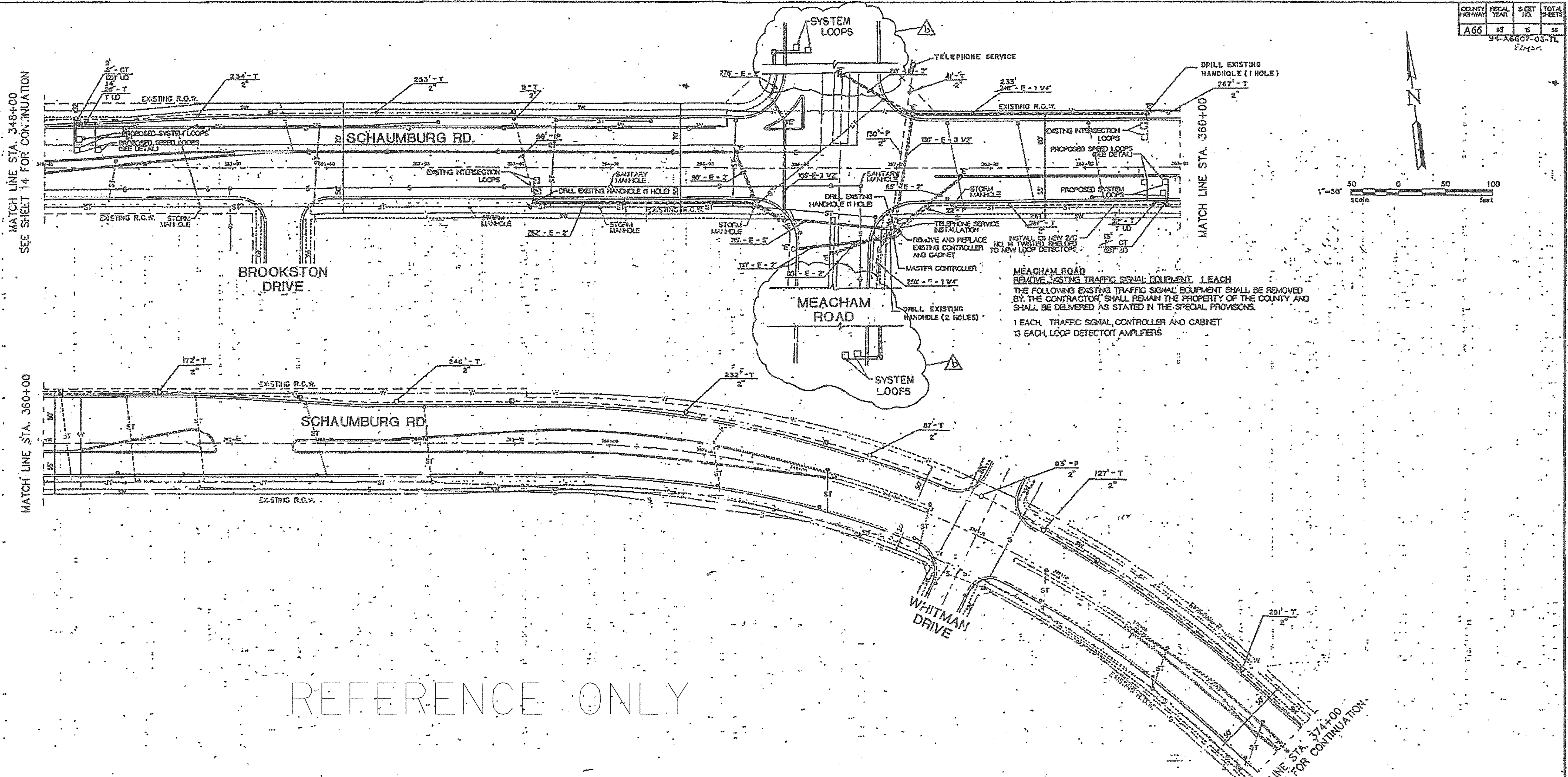
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	62
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				

COUNTY	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
A66	95	15	58

MATCH LINE STA. 348+00
SEE SHEET 14 FOR CONTINUATION

MATCH LINE STA. 360+00



MEACHAM ROAD
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, 1 EACH
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR. SHALL REMAIN THE PROPERTY OF THE COUNTY AND SHALL BE DELIVERED AS STATED IN THE SPECIAL PROVISIONS.
1 EACH TRAFFIC SIGNAL CONTROLLER AND CABINET
13 EACH LOOP DETECTOR AMPLIFIERS

REFERENCE ONLY

SIGNAL PLAN LEGEND

- PROPOSED CONTROLLER
- PROPOSED DETECTOR LOOP
- EXISTING DETECTOR LOOP
- PROPOSED HANDHOLE
- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- HEAVY DUTY HANDHOLE
- EXISTING MAGNETIC DETECTOR
- COVOUT
- EXISTING COVOUT
- 10' x 12' DUCT EMPTY TRRENCHED IN
- C/T
- EXISTING SERVICE INSTALLATION
- EXISTING SIDEWALK
- SANITARY SEWER
- STORM SEWER
- UG TELEPHONE LINE
- GAS LINE
- UG ELECTRIC LINE
- WATER MAN

ADD ADDITIONAL SYSTEM LOOPS

THE CONTRACTOR'S ATTENTION IS DIRECTED TO TELEPHONE JULIE, 1-800-832-0123 FOR ALL UTILITY LOCATIONS. CONTRACTOR SHOULD ALSO CONTACT VILLAGE OF SCHAUMBURG AT 708-894-7300 FOR JOINT UTILITY INFORMATION.

NOTE:
FOR THE LOCATION OF ALL LOOPS AT THIS INTERSECTION, CONTACT THE CCHD, DESIGN ENGINEER AT (312)443-7876 WHO WILL MARK THE PAVEMENT FOR THE CUTTING OF THE LOOPS.

SIGNAL INTERCONNECT PLAN		job no. : 853886
SCHAUMBURG ROAD FROM KNOLLWOOD DRIVE TO MARTINGALE ROAD		scale : 1" = 50'
BY JWE 12-8-94		design : DRM
DATE 12-8-94		drawn : SJS
BY JWE 12-8-94		approved : GMZ
DATE 12-8-94		date : 8-12-94
BARTON-SCHMAN ASSOCIATES, INC. 820 Davis Street, Evanston, Illinois 60201-7031, 708.491.1600		total sheets : 58
		sheet no. : 15

AS BUILT 5/22/97

PLOT DRIVER = \$PLTDVLS
PEN TABLE = \$PENTBL\$
FILE NAME = ...A2934.TS.11.dgn



USER NAME = sjc	DESIGNED - SJC	REVISED -
PLOT SCALE = 20,0000 1/1 in.	DRAWN - SJC	REVISED -
PLOT DATE = 8/18/2016	CHECKED - DNM	REVISED -
	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

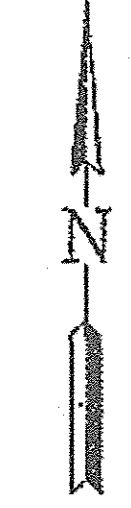
VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

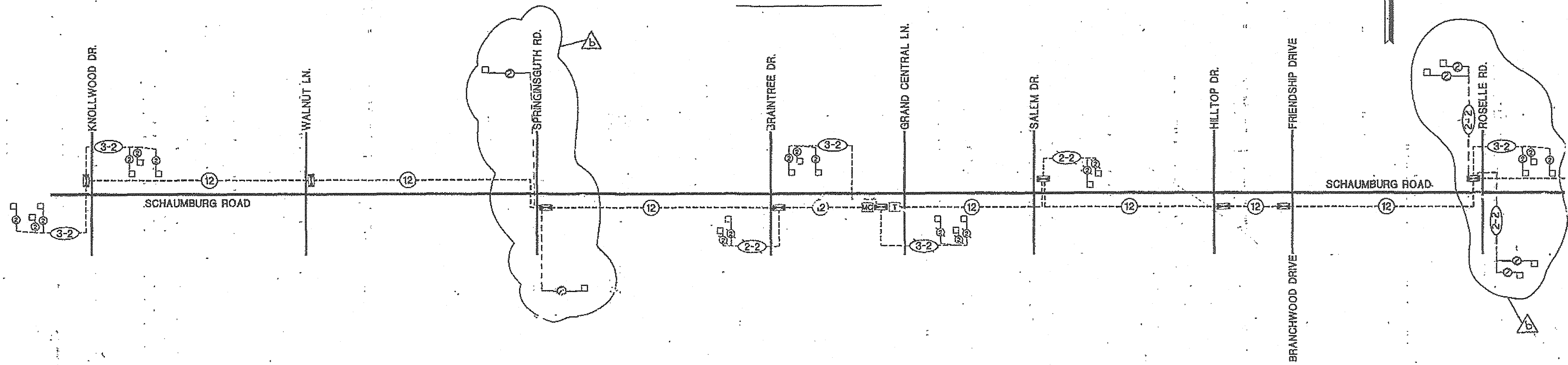
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	63
				CONTRACT NO. 61D03
ILLINOIS FED. AID PROJECT				

COUNTY	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
A 66	85	3	66

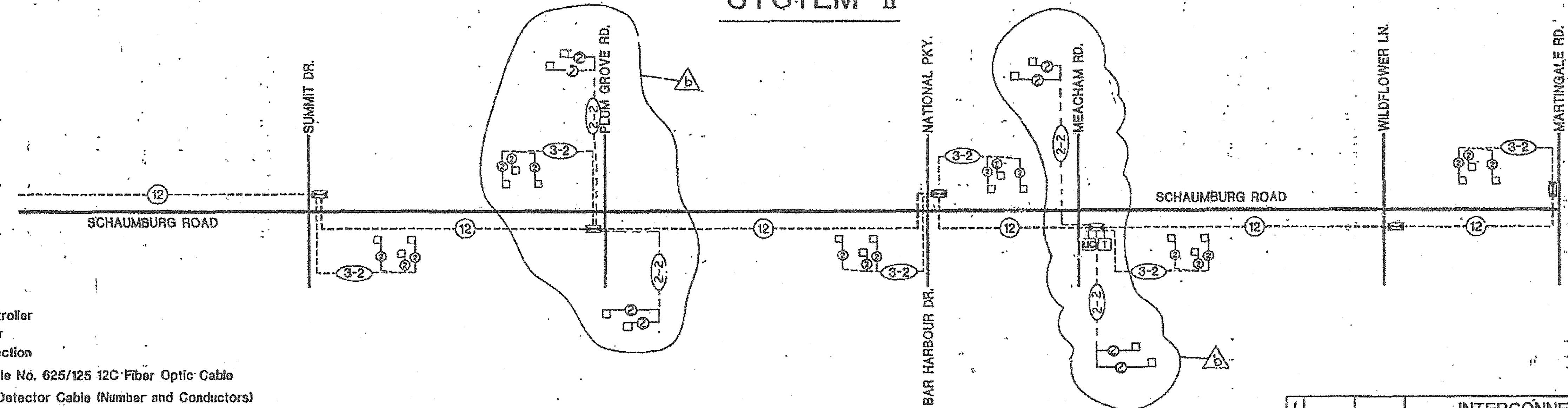
94-A6607-03-TL
8/2/16



SYSTEM I



SYSTEM II



Legend:

- Intersection Controller
- Master Controller
- Telephone Connection
- Interconnect Cable No. 625/125 12C Fiber Optic Cable
- Proposed Loop Detector Cable (Number and Conductors)
- Existing Loop Detector Cable (Number and Conductors)
- Proposed Sampling (System) Detectors
- Existing Sampling (System) Detectors
- Proposed Sampling Detectors using existing cable

REFERENCE ONLY

ADD ADDITIONAL SYSTEM LOOPS

f				job no. : 853886
e				scale : N/A
d				design : DRM
c				drawn : SJS
b	4-01-01			approved : GMZ
a	JWB	12-8-94		date : 8-12-04
by revisions				total sheets
BARTON-ACCHMAN ASSOCIATES, INC. 820 Devon Street, Evanston, Illinois 60201-7084, 708.491.1000				sheet no. 58 3

Plot Date: December 05, 1994
 Plot File: C:\PLOT\DRVL9
 Plot Table: SPRINTBLL9
 Plot Name: ...A29394.LS.12.dgn

PLOT DRIVER = \$PLTDVLS
 PLOT TABLE = \$SPRINTBLL9
 PLOT FILE NAME = ...A29394.LS.12.dgn



USER NAME = sjc	DESIGNED - SJC	REVISED -
	DRAWN - SJC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 8/18/2016	DATE - 08/08/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF SCHAUMBURG
LT-1 ARTERIAL LIGHTING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00118-00-LT	COOK/DUPAGE	64	64
CONTRACT NO. 61D03				
ILLINOIS FED. AID PROJECT				