



NOTE 1: THE POLE MOUNTED SERVICE INSTALLATION FOR THE TRAFFIC SIGNAL INSTALLATION AT ILLINOIS ROUTE 62 (ALGONQUIN ROAD) AND MEACHAM ROAD SHALL BE IN ACCORDANCE WITH "DISTRICT 1, STANDARD COMBINATION LIGHTING DISCONNECT". THIS ITEM SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "ELECTRIC SERVICE DISCONNECT, LIGHTING AND TRAFFIC SIGNAL" AND NO EXTRA COMPENSATION SHALL BE ALLOWED FOR THE SAME.

THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILLINOIS ROUTE 62 (ALGONQUIN RD) AND MEACHAM ROAD. THE EXISTING LIGHT DETECTORS ARE SEPARATED AND SHALL BE DIVIDED, INCLUDING THE CONFIRMATION BEACONS, FOR MOUNTING AS PROPOSED IN THE PLANS FOR NEW SIGNAL PHASING. THE COST WILL BE 100% VILLAGE OF SCHAUMBURG RESPONSIBILITY.

INTERCONNECT TO ILL. ROUTE 62 (ALGONQUIN RD.) AT COMMUNICATION DR.

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

INTERCONNECT TO ILL. ROUTE 62 (ALGONQUIN RD.) AT THORNTREE DR./THOREAU DR.

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

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

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	20		17	0.50	170
(YELLOW)	20		25	0.25	125
(GREEN)	20		15	0.25	75
ARROW	16		12	0.10	19.2
PED. SIGNAL	6		25	1.00	150
CONTROLLER	1		100	1.00	100
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM		150		1.00	
LUMINAIRE	2	465		0.50	465
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	1104.2
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096 ENERGY SUPPLY CONTACT: ELEANOR SARALLO PHONE: (630) 424-5124 COMPANY: COMMONWEALTH EDISON					

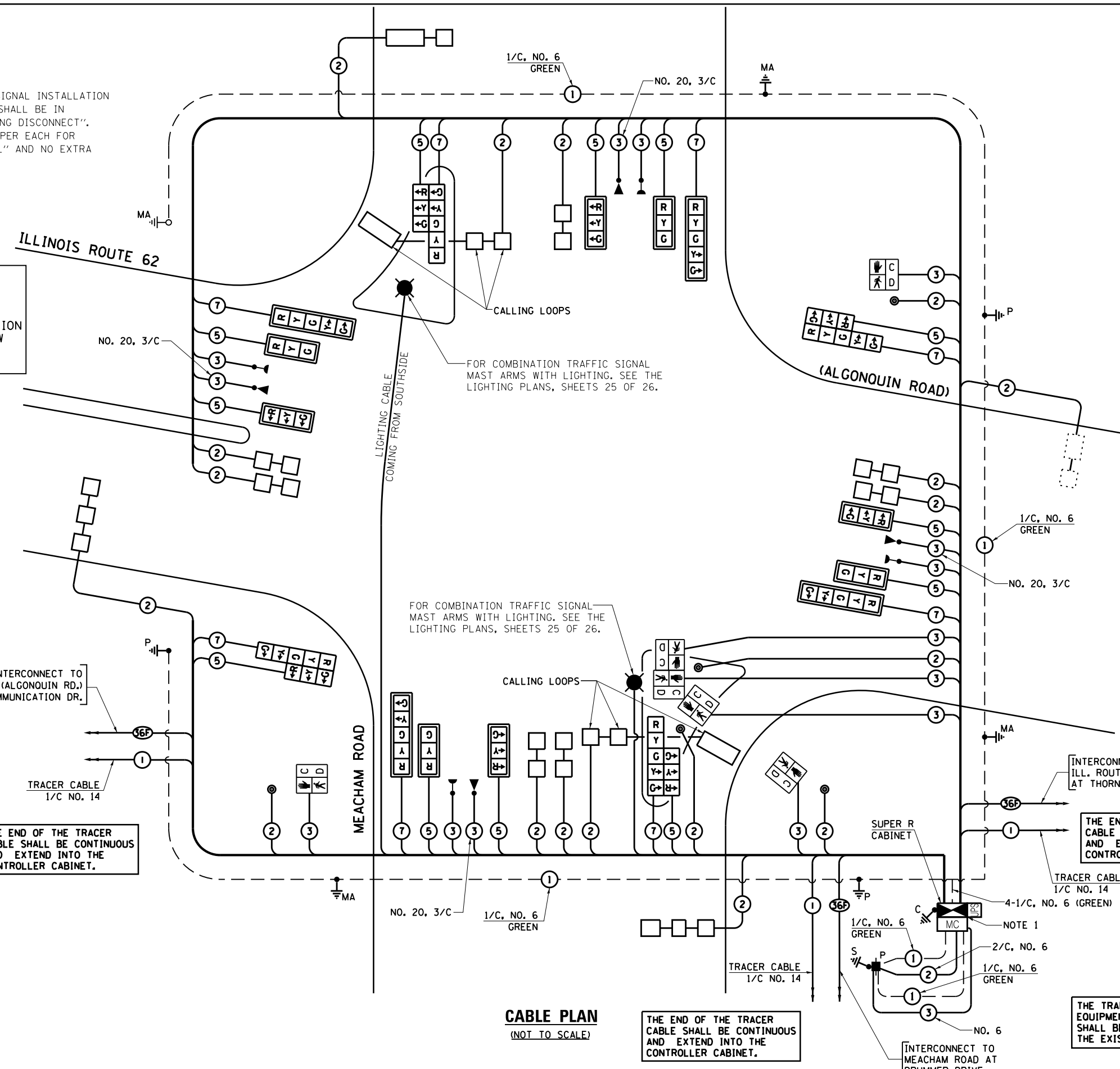
FILE NAME = USER NAME = SMITHCJ
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 PLOT SCALE = 48.0000' / in.
 PLOT DATE = 10/18/2013

DESIGNED - PKG
 DRAWN - EA, EB
 CHECKED - PKG
 DATE - 7/19/2013
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN
 ILLINOIS ROUTE 62 (ALGONQUIN ROAD) AT MEACHAM ROAD
 SCALE: 1"=20'
 SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 339 116-RS-5 COOK 54 34
 CONTRACT NO. 60W05
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



CABLE PLAN
(NOT TO SCALE)