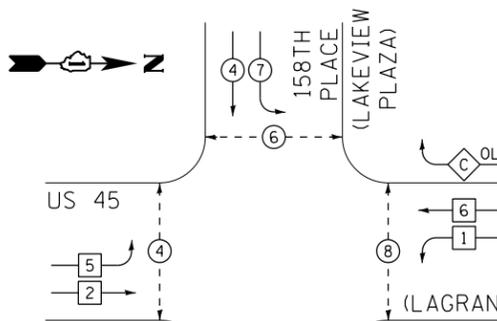
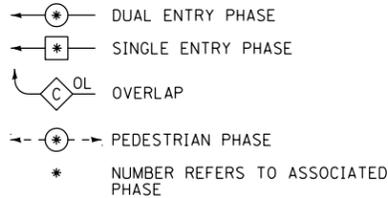


CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM LEGEND

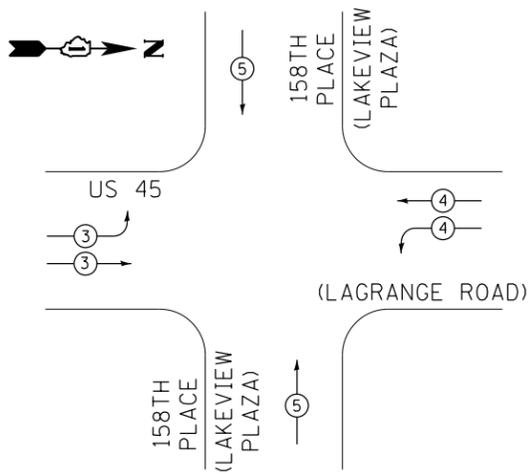


RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
C	= 6	+ 7

PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE

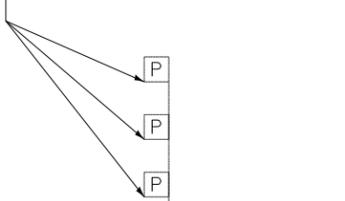


PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTORS	3	4	5
MOVEMENT			

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS						TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE (INCANDESCENT)	LED	% OPERATION		
SIGNAL (RED)	19	17		0.50	161.5	
(YELLOW)	19	25		0.25	118.8	
(GREEN)	19	15		0.25	71.3	
ARROW	12	12		0.10	14.4	
PED. SIGNAL	8	25		1.00	200.0	
CONTROLLER	1	100		1.00	100.0	
ILLUM. SIGN	--	25		0.05	0.0	
VIDEO SYSTEM	--	150		1.00	0.0	
FLASHER		25		0.50		
ENERGY COST TO:					TOTAL= 666.0	

VILLAGE OF ORLAND PARK
14700 SOUTH RAVINIA AVE.
ENERGY SUPPLY: CONTACT: KATHRYN SUGRUE
PHONE: (708) 235-2337
COMPANY: COMMONWEALTH EDISON

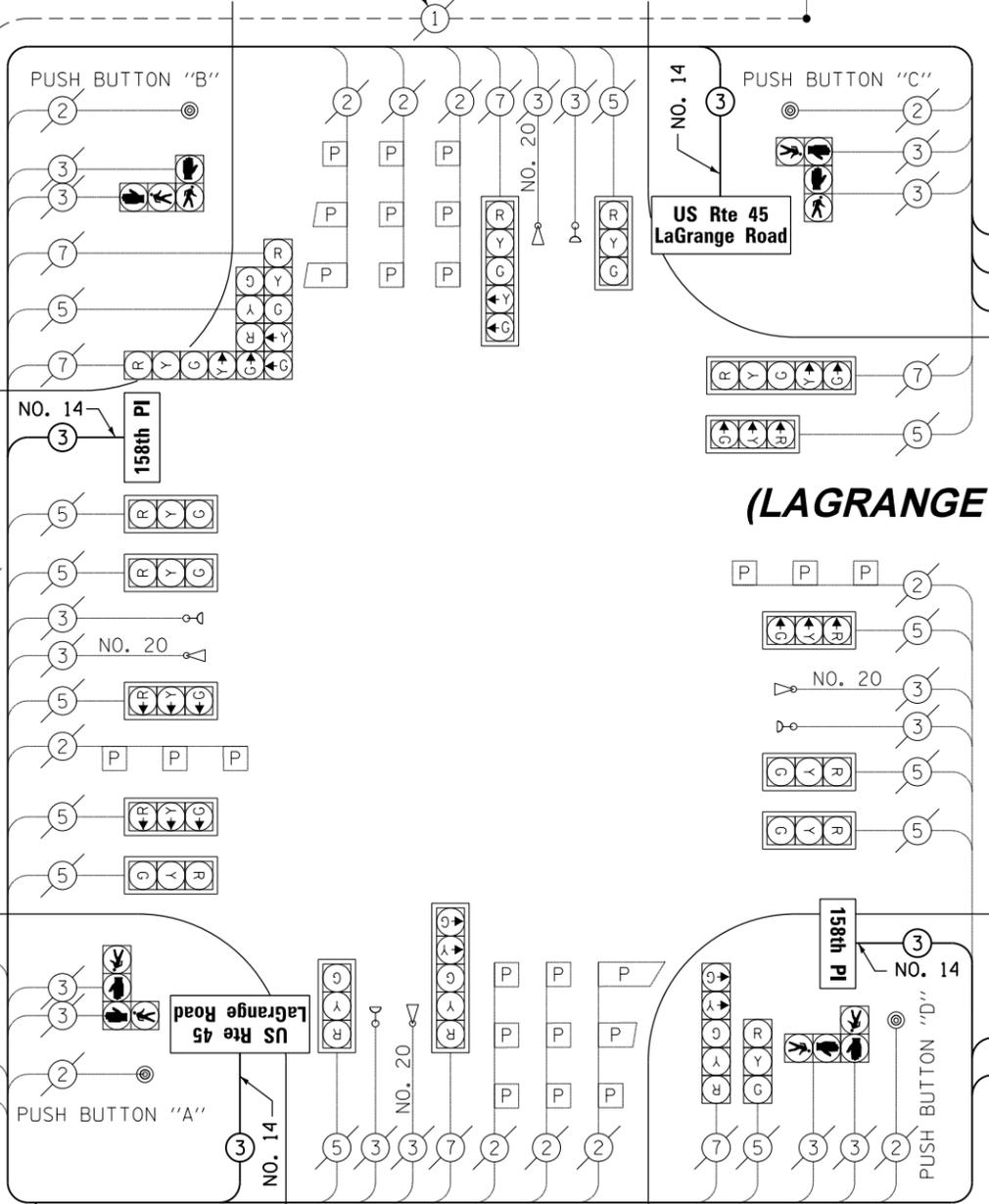
EXISTING INTERSECTION AND SAMPLING (SYSTEM) DETECTORS



EXIST. INTERCONNECT TO 159TH STREET



158TH PLACE (LAKEVIEW PLAZA)



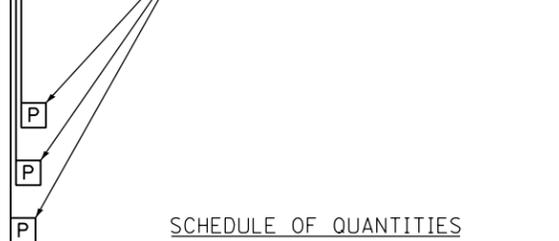
158TH PLACE (LAKEVIEW PLAZA) CABLE PLAN

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 SEEDDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE: THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

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

INTERSECTION AND SAMPLING (SYSTEM) DETECTORS



SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	262
HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1686
DRILL EXISTING HANDHOLE	EACH	1
PERFORMED DETECTOR LOOP	FOOT	135
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REBUILD EXISTING HANDHOLE	EACH	2
REMOVE EXISTING HANDHOLE	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	559
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
** LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4

** 100% COST TO ORLAND FIRE PROTECTION DISTRICT

PROP. INTERCONNECT TO 156TH STREET



URS
100 S. WACKER DR.
SUITE 600
CHICAGO, IL 60606
TEL (312) 939-1000
FAX (312) 939-4998

FILE NAME = D160M61-SHT-TS08.dgn	USER NAME = Anthony.Plutz	DESIGNED - MRF	REVISIONS
SHT.PLAN		DRAWN - MRF	REVISIONS
		CHECKED - MJL	REVISIONS
		DATE - 03/13/2013	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE			
US 45 (LAGRANGE ROAD) AND 158TH PLACE (LAKEVIEW PLAZA)			
SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	STA. TO STA.	

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 319
TD-08		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				