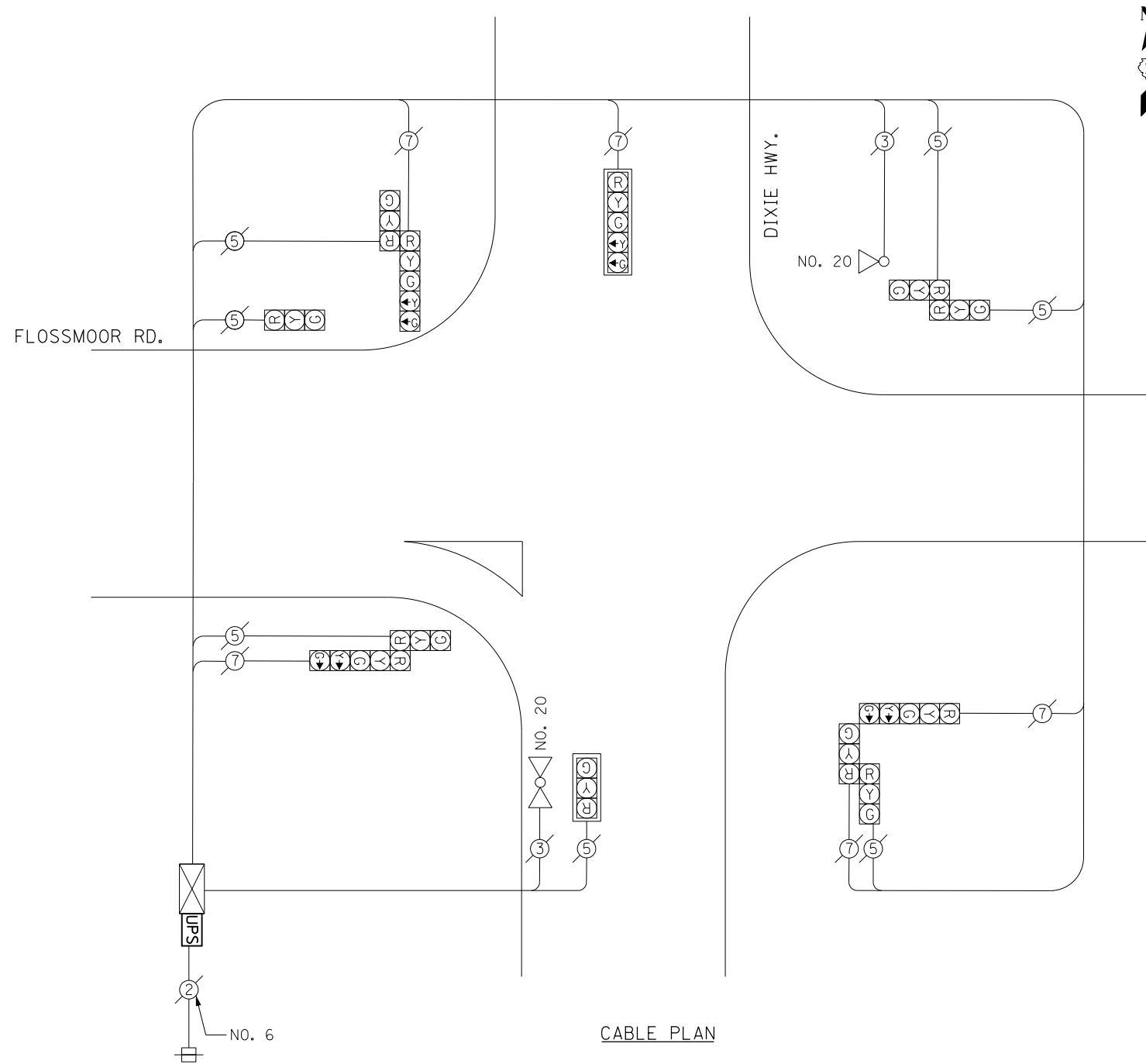


SEQUENCE OF OPERATIONS												
PHASE	A			B			C			F L A S H		
MOVEMENT	← →			← →			↓ ↑			↓ ↑		
INTERVAL	1	2A	2B	3A	3B	4	5	6A	6B	7	8A	8B
CLEARANCE TO	B+C		C+D		C+D		A		A			
EB FLOSSMOOR RD. NEAR & FAR RIGHT SIGNALS	G	Y	R	Y	R	R	R	R	R	R	R	R
EB FLOSSMOOR RD. FAR LEFT SIGNAL	G	Y	R	Y	R	R	R	R	R	R	R	R
WB COUNTRY CLUB DRIVEWAY ALL SIGNALS	G	Y	R	Y	R	R	R	R	R	R	R	R
NB DIXIE HWY. NEAR RIGHT SIGNAL	R	R	R	R	R	G	G	R	R	G	Y	R
NB DIXIE HWY. MAST ARM & FAR LEFT SIGNALS	R	R	R	R	R	G	G	Y	R	G	Y	R
SB DIXIE HWY. ALL SIGNALS	R	R	R	R	R	R	R	R	R	G	Y	R

EMERGENCY VEHICLE PRE-EMPTION SEQUENCE												
FROM NORMAL SEQUENCE OF OPERATIONS INTERVAL NUMBER	1			4			7			EV1	EV2	CLEAR TO NORMAL SEQUENCE
MOVEMENT	← →			← →			↓ ↑			← →	↓ ↑	
EMERGENCY VEHICLE PREEMPTION INTERVAL	1A	1B	1C	1D	1E	1F	1G	1H	1J			
CLEARANCE TO	EV1	1C	EV2	1E	EV1	EV2	1H	EV1	EV2	EV1	EV2	
EB FLOSSMOOR RD. NEAR & FAR RIGHT SIGNALS	G	Y	R	R	R	R	R	R	R	G	R	◇
EB FLOSSMOOR RD. FAR LEFT SIGNAL	G	Y	R	R	R	R	R	R	R	G	R	◇
WB COUNTRY CLUB DRIVEWAY ALL SIGNALS	G	Y	R	R	R	R	R	R	R	G	R	◇
NB DIXIE HWY. NEAR RIGHT SIGNAL	R	R	R	Y	R	G	Y	R	G	R	G	◇
NB DIXIE HWY. MAST ARM & FAR LEFT SIGNALS	R	R	R	Y	R	G	Y	R	G	R	G	◇
SB DIXIE HWY. ALL SIGNALS	R	R	R	R	R	R	Y	R	G	R	G	◇

◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE PROPER CLEARANCE SHALL PROVIDE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE INTERVAL EV1 OR EV2 IS TERMINATED.



CABLE PLAN

SCHEDULE OF QUANTITIES

Items	Unit	Quantity
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1

UPS SHALL BE INSTALLED ON LEFT SIDE OF CONTROLLER CABINET DUE TO PHYSICAL CONSTRAINT, OR AS DIRECTED BY THE ENGINEER.

I. D. O. T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	-	17	0.50	102.0
(YELLOW)	12	-	25	0.25	75.0
(GREEN)	12	-	15	0.25	45.0
ARROW	8	-	12	0.10	9.6
PED. SIGNAL	-	-	25	1.00	-
CONTROLLER	1	100	-	1.00	100.0
ILLUM. SIGN	-	-	25	0.50	-
VIDEO SYSTEM	-	150	-	1.00	-
BATTERY BACKUP	1	25	-	1.00	25.0
LUMINAIRE	-	250	-	0.50	-
FLASHER	-	-	25	0.50	-
TOTAL =					356.6

ENERGY COSTS- BILLED TO: IDOT DISTRICT 1
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY- CONTACT BRAD SHINABARGAR
PHONE 708-325-2692
COMMONWEALTH EDISON

FILE NAME = D:\60X64-sht-TS11725.dgn	USER NAME = SE3	DESIGNED - PHL	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN - PHL	REVISED -
	PLOT DATE = 2/3/2014	CHECKED - BKS	REVISED -
		DATE - \$SUBDATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIXIE HWY./FLOSSMOOR RD.- CABLE PLAN
SCHEDULE OF QUANTITIES, PHASE DESIG. DIAGRAM & EVP SEQUENCE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2013-075TS	COOK	78	53
CONTRACT NO. 60X64				
ILLINOIS FED. AID PROJECT				

TS 11725
FLOSSMOOR