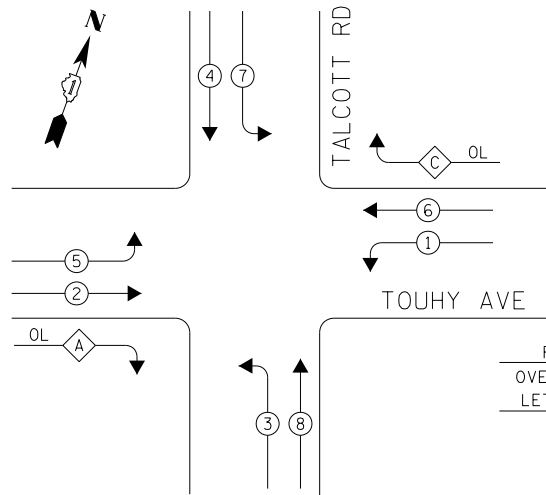
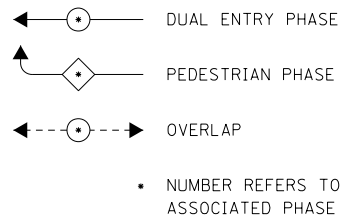


EXISTING CONTROLLER SEQUENCE

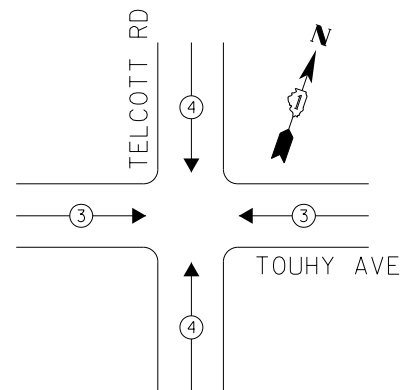


LEGEND



RIGHT TURN OVERLAP PHASE DESIGNATION			
OVERLAP LETTER	=	PERMISSIVE PHASE	+ PROTECTED PHASE
A	=	2	+ 3
C	=	6	+ 7

PHASE DESIGNATION DIAGRAM



EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↓ ↑

I. D. O. T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	-	17	0.50	136.0
(YELLOW)	16	-	25	0.25	100.0
(GREEN)	16	-	15	0.25	60.0
ARROW	24	-	12	0.10	28.8
PED. SIGNAL	-	-	25	1.00	-
CONTROLLER	1	100	-	1.00	100.0
ILLUM. SIGN	-	-	-	0.50	-
VIDEO SYSTEM	-	-	-	1.00	-
BATTERY BACKUP	1	25	-	1.00	25.0
LUMINAIRE	-	-	-	0.50	-
FLASHER	-	-	-	0.50	-
TOTAL =					449.8

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

ENERGY SUPPLY- **CONTACT TERRI BLECK**
PHONE 847-816-5239
COMMONWEALTH EDISON

SCHEDULE OF QUANTITIES

ITEMS	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	2
MODIFY EXISTING CONTROLLER CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED, RETROFIT	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT	EACH	6
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED RETROFIT	EACH	2

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TOUHY AVENUE AT TALCOTT ROAD - CABLE PLAN
 SCHEDULE OF QUANTITIES, PHASE DESIG. DIAGRAM & EVP SEQUENCE

FILE NAME = D160XB2-sht-TS5815.dgn
 USER NAME = SJohnson
 DESIGNED - PHL
 DRAWN - PHL
 CHECKED - BKS
 DATE - 03/09/2014

DESIGNED - PHL
 DRAWN - PHL
 CHECKED - BKS
 DATE - 03/09/2014

REVISED -
 REVISED -
 REVISED -
 REVISED -

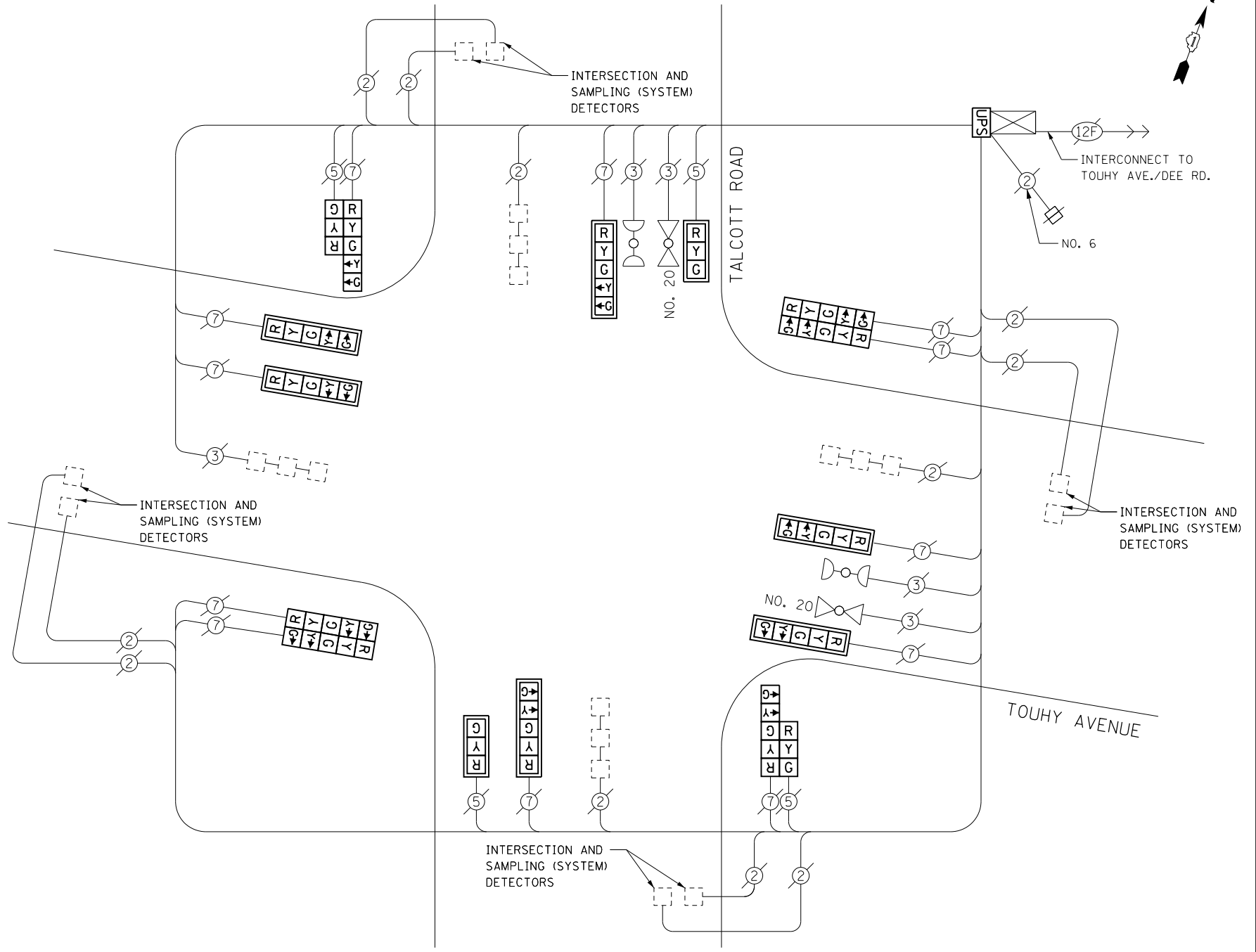
REVISED -
 REVISED -
 REVISED -
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REVISED -
 REVISED -
 REVISED -
 REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 2014-007TS COOK 88 57
 CONTRACT NO. 60X82
 ILLINOIS FED. AID PROJECT



CABLE PLAN

RETROFIT ALL EXISTING SIGNAL HEADS TO L.E.D.

THE CONTRACTOR SHALL REPLACE TRAFFIC SIGNAL BACKPLATES AS DIRECTED BY THE ENGINEER FOR MAST ARM MOUNTED TRAFFIC SIGNALS TO BE RETROFIT WITH LED.

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

TS 5815
 PARK RIDGE