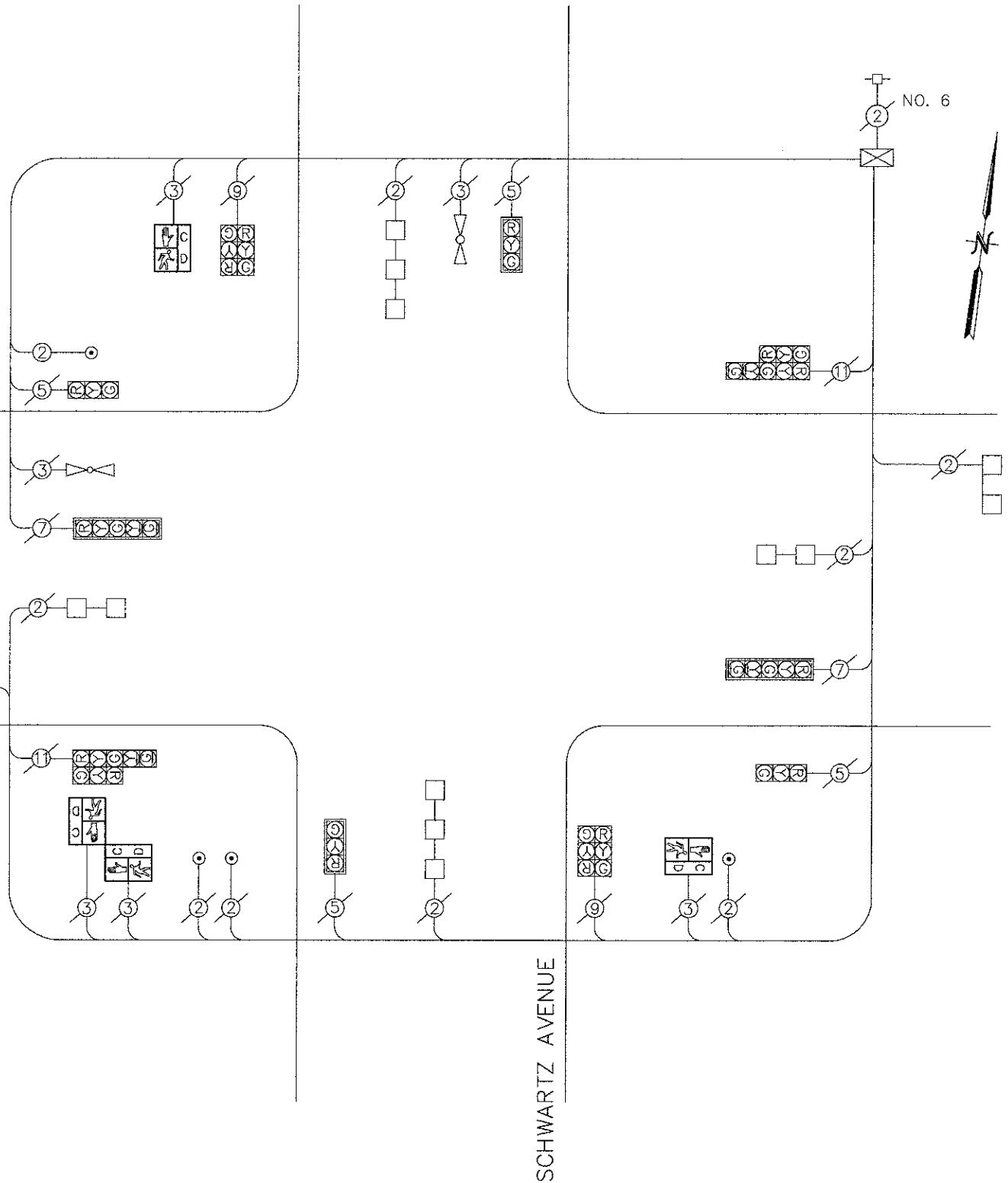


U.S. RTE. 34
(OGDEN AVENUE)



CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		8" (200mm) TRAFFIC SIGNAL SECTION
		12" (300mm) TRAFFIC SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN TIMER
		CONTROLLER CABINET
		SERVICE INSTALLATION
		VEHICLE DETECTOR, INDUCTION LOOP
		MAGNETIC DETECTOR
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSHBUTTON DETECTOR
		2 DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
		1 GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
		2 FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F & SM12F
		UNINTERRUPTIBLE POWER SUPPLY (UPS)
		"P" INDICATES PROGRAMMED HEAD SIGNAL FACE WITH BACKPLATE
		TELEPHONE CONNECTION
		ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"
		ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"
		RAILROAD CONTROL CABINET
		C GROUND ROD AT HANDHOLE, DOUBLE HANDHOLE, OR CONTROLLER
		P GROUND ROD AT POST (P) OR MAST ARM POLE (M)
		S GROUND ROD AT ELECTRIC SERVICE INSTALLATION

NOTE: ALL GROUND RODS SHALL BE 3/4" x 10'-0" LONG COPPER CLAD AND THE COST SHALL BE INCIDENTAL TO THE COST OF INSTALLATION

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

TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	14	135	17	0.50	945
(YELLOW)	14	135	25	0.25	472
(GREEN)	14	135	15	0.25	473
ARROW	8	135	12	0.10	108
PED. SIGNAL	4	90	25	1.00	100
CONTROLLER	-	100	100	1.00	100
MASTER CONTROLLER	-	100	100	1.00	-
ILLUM. SIGN	-	252	-	0.05	-
FLASHER	-	-	-	-	-
ENERGY COSTS TO: 50% TO IDOT 50% TO VILLAGE OF LISLE					TOTAL = 2198
ENERGY SUPPLY CONTACT: DEBBIE RANKIN PHONE: 630-691-4379 COMPANY: COMMONWEALTH EDISON					

FILE NAME =	USER NAME =	DESIGNED - SJG	REVISED -
		DRAWN - SMP	REVISED -
		CHECKED - SJG	REVISED -
		DATE - 12/12/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN
OGDEN AVENUE (US RTE 34) AT SCHWARTZ AVENUE

SCALE: NTS SHEET NO. 15 OF 23 SHEETS STA. TO STA.

JJB JAMES J. BENES & ASSOCIATES, INC.
950 Warrenville Road, Suite 101, Lisle, Illinois 60532
Tel. (630) 719-7570 · Fax (630) 719-7589

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	11-00057-00-SW	DuPAGE	23	15
CONTRACT NO. 63819				ILLINOIS FED. AID PROJECT