



- LEGEND:**
- ← \* → SINGLE ENTRY PHASE
  - ← \* → DUAL ENTRY PHASE
  - ← \* → PEDESTRIAN PHASE
  - \* NUMBER REFERS TO ASSOCIATED PHASE
  - ← \* → OL OVERLAP

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	INCAND.	L.E.D.	% OPERATION	
SIGNAL (RED)	12	135	17	0.50	102.0
SIGNAL (YELLOW)	12	135	25	0.25	75.0
SIGNAL (GREEN)	12	135	15	0.25	45.0
ARROW	8	135	12	0.10	9.6
PED. SIGNAL	8	90	25	1.00	200.0
CONTROLLER	1	-	100	1.00	100.0
LUMINAIRE	-	-	250	0.50	-
L.E.D. ST. NAME SIGN	-	-	64	0.50	-
VIDEO SYSTEM	1	-	150	1.00	150.0
BATTERY BACKUP	-	-	25	1.00	-
ILLUMINATED SIGN	-	-	25	0.05	-
TOTAL =					681.6

**GHA GEWALT HAMILTON ASSOCIATES, INC.**  
 850 Forest Edge Drive • Vernon Hills, IL 60061  
 Consulting Engineers & Surveyors  
 847-478-9100 FAX: 847-478-9701

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

ENERGY COSTS - BILLED TO: ILL DEPT. OF TRANSPORTATION  
 (ADDRESS) 201 W. CENTER COURT  
 (ADDRESS) SCHAUMBURG IL 60196-1096  
 ENERGY SUPPLY - CONTACT: CINDY ANTHONY  
 PHONE: (847) 816-5322  
 COMPANY: COM-ED

FILE NAME = 4085.879-TR1.dwg	USER NAME = ZACH WALLSTEN	DESIGNED - JRD	REVISED -
		DRAWN - ZCW	REVISED -
		CHECKED - KLB	REVISED -
		DATE - 2/1/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION  
DIAGRAM, & TEMPORARY VEHICLE PREEMPTION SEQUENCE  
ILL ROUTE 58 (GOLF ROAD) AT WESTERN AVENUE**

FAP. RTE. 339	SECTION 2011-211-TS	COUNTY COOK	TOTAL SHEETS 26	SHEET NO. 16
CONTRACT # 60R51			GHA #4085.879	
ILLINOIS FED. AID PROJECT				