



**LEGEND:**

- ◻ SINGLE ENTRY PHASE
- ◻ DUAL ENTRY PHASE
- ◻ PEDESTRIAN PHASE
- \* NUMBER REFERS TO ASSOCIATED PHASE
- ◻ OL OVERLAP

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

NUMBER OF GROUND CABLES AS PER PLAN

TRACER CABLE

EXISTING INTERCONNECT TO US RTE 30/HILL AV

TRACER CABLE

EXISTING INTERCONNECT TO COPLEY ENTRANCE

CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
		INCAND.	L.E.D.		
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	16	135	12	0.10	19.2
PED. SIGNAL	-	90	25	1.00	-
CONTROLLER	1	-	100	1.00	100.0
LUMINAIRE	-	-	250	0.50	-
L.E.D. ST. NAME SIGN	-	-	64	0.50	-
VIDEO SYSTEM	-	-	150	1.00	-
BATTERY BACKUP	-	-	25	1.00	25.0
ILLUMINATED SIGN	1	-	25	0.05	-
TOTAL =					366.2

ENERGY COSTS - BILLED TO: CITY OF AURORA  
 (ADDRESS) 44 E. DOWNER PLACE  
 (ADDRESS) AURORA, IL 60507  
 ENERGY SUPPLY - CONTACT: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_

**SCHEDULE OF QUANTITIES**  
U.S. RTE 34 (OGDEN AVENUE) AT FARNSWORTH AV / HAFFENRICHTER RD

NO.	QUANT.	UNIT	DESCRIPTION
1.	1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2.	1	EACH	MODIFY EXISTING CONTROLLER CABINET
3.	1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
4.	4	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT
5.	4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT
6.	4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT