

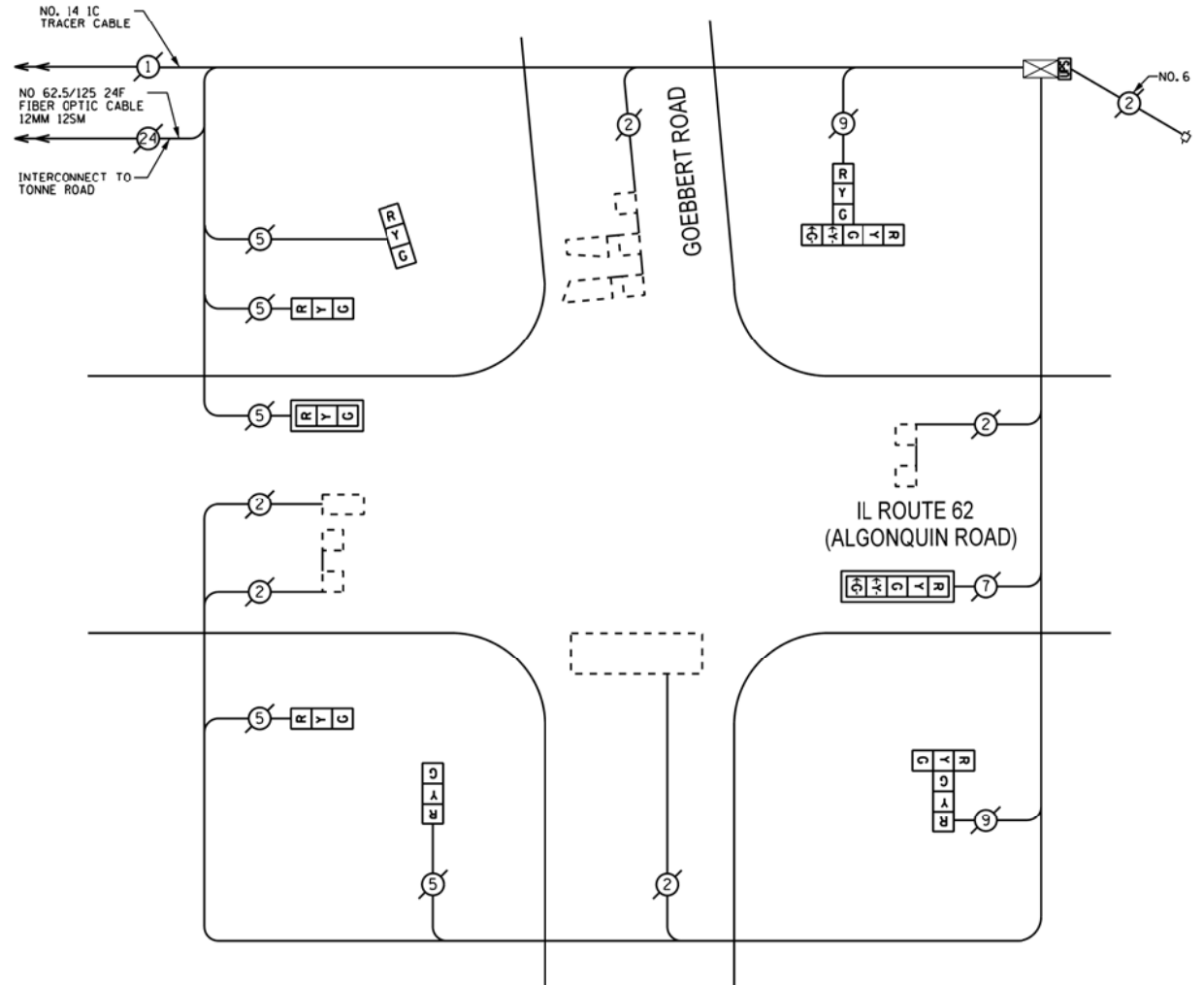
**LEGEND**  
 ⊕ DUAL ENTRY PHASE  
 ⊕ PEDESTRIAN PHASE  
 \* NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

REPLACE ALL EXISTING TRAFFIC SIGNAL HEADS

REPLACE ALL EXISTING PAINTED YELLOW TRAFFIC SIGNAL POSTS ON EXISTING FOUNDATIONS

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



CABLE PLAN

**REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT**

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

QUANTITY	UNIT	DESCRIPTION
5	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
1	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION
1	EACH	SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION
1	EACH	SIGNAL HEAD, 2-FACE, 3-SECTION
1	EACH	PEDESTRIAN SIGNAL HEAD, 1-FACE
1	EACH	TRAFFIC SIGNAL POST

**SCHEDULE OF QUANTITIES**

QUAN.	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
4	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
2	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	INCAND	LED % OPERATIONS	WATTAGE	
SIGNAL (RED)	10		17	0.50	85.0
(YELLOW)	10		25	0.25	62.5
(GREEN)	10		15	0.25	37.5
ARROW	4		12	0.10	4.8
PED. SIGNAL			25	1.00	
CONTROLLER	1		100	1.00	100.00
ENERGY COSTS TO:					TOTAL = 289.8

VILLAGE OF ARLINGTON HEIGHTS  
 33 SOUTH ARLINGTON HEIGHTS ROAD  
 ARLINGTON HEIGHTS, ILLINOIS 60005

ENERGY SUPPLY - CONTACT: DAVE SCHACHT  
 PHONE: (630) 437-2129  
 COMPANY: COMED

FILE NAME :  
 USER NAME :  
 USERNAME :

2600 Warrenville Road, Suite 203, Downers Grove, IL 60515-1761  
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**MILLENNIA PROFESSIONAL SERVICES**

DESIGNED - JNP	REVISED -
DRAWN - JNP	REVISED -
CHECKED - TVN	REVISED -
DATE - *DATE*	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN,  
 AND PHASE DESIGNATION DIAGRAM,  
 ALGONQUIN ROAD AT GOEBBERT ROAD**

SCALE: - SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2013-005-1	COOK	85	28
CONTRACT NO. 60W23			FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT	

TS-2965

#FILES