

LEGEND

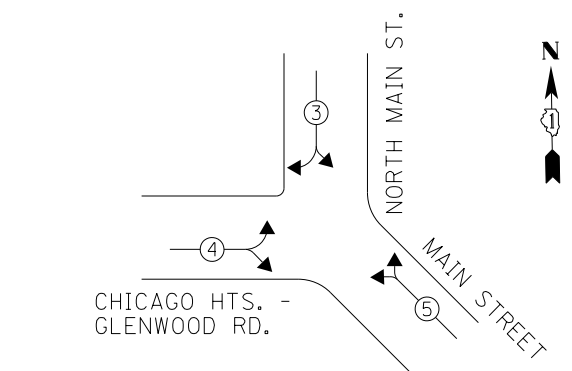
- ← ⊙ → DUAL ENTRY PHASE
- ◊ OL OVERLAP
- ← ⊙ → PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
B	= 4	+ 2
C	= 3	+ 4

UPS SHALL BE INSTALLED ON LEFT SIDE OF CONTROLLER CABINET DUE TO LIMITED CLEARANCE, OR AS DIRECTED BY THE ENGINEER.

PHASE DESIGNATION DIAGRAM



EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT			

REMOVAL OF 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.

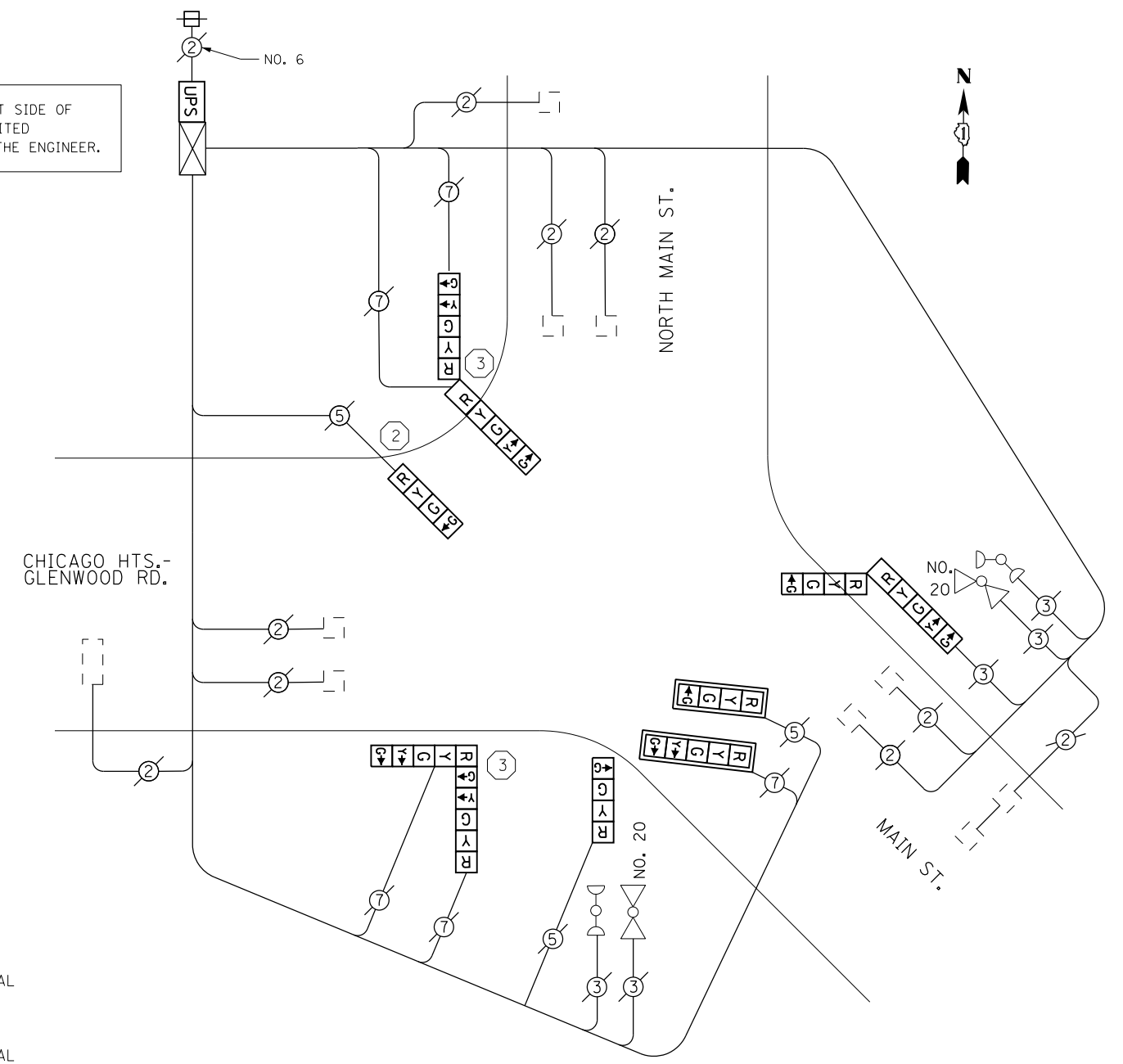
- 3 EACH TRAFFIC SIGNAL POST
- 3 EACH SIGNAL HEAD, 1-FACE, 4-SECTION
- 1 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 1 EACH SIGNAL HEAD, 2-FACE, 1-4 SECTION, 1-5 SECTION
- 2 EACH SIGNAL HEAD, 2-FACE, 5-SECTION

CONSTRUCTION NOTES

- ② THE CONTRACTOR SHALL REPLACE THE EXISTING TRAFFIC SIGNAL POST WITH THE PROPOSED TRAFFIC SIGNAL POST, 15 FT. AND ATTACH THE PROPOSED POST TO THE EXISTING FOUNDATION.
- ③ THE CONTRACTOR SHALL REPLACE THE EXISTING TRAFFIC SIGNAL POST WITH THE PROPOSED TRAFFIC SIGNAL POST, 16 FT. AND ATTACH THE PROPOSED POST TO THE EXISTING FOUNDATION.

NOTES

- 1) ALL COSTS RELATED TO ATTACHING THE POSTS TO THE EXISTING FOUNDATION SHALL BE INCLUDED IN THE UNIT COST OF TRAFFIC SIGNAL POST OF THE SIZE SPECIFIED
- 2) PRIOR TO REMOVING ANY TRAFFIC SIGNAL POST SPECIFIED TO BE REPLACED IN THE SAME LOCATION THE CONTRACTOR SHALL VERIFY THAT THE PATTERN, SPACING, AND CONDITION OF THE EXISTING BOLTS ARE SUITABLE FOR RE-USE WITH A NEW POST. IF THE BOLTS ARE NOT USABLE, REPLACE AS DIRECTED BY THE ENGINEER.
- 3) THE CONTRACTOR SHALL RELOCATE EXISTING SIGN PANELS FROM POSTS THAT ARE INDICATED FOR REPLACEMENT TO THE NEW POSTS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL, RELOCATION AND ANY NEW MOUNTING HARDWARE NECESSARY TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE UNIT COST OF TRAFFIC SIGNAL POST OF THE SIZE SPECIFIED.



CABLE PLAN

SCHEDULE OF QUANTITIES

Items	Unit	Quantity
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	2
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1

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

TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	10	-	17	0.50	85.0
(YELLOW)	10	-	25	0.25	62.5
(GREEN)	10	-	15	0.25	37.5
ARROW	16	-	12	0.10	19.2
PED. SIGNAL	-	-	25	1.00	-
CONTROLLER	1	100	-	1.00	100.0
ILLUM. SIGN	-	-	25	0.50	-
VIDEO SYSTEM	-	150	-	1.00	-
BATTERY BACKUP	1	25	-	1.00	25.0
LUMINAIRE	-	250	-	0.50	-
FLASHER	-	-	25	0.50	-
TOTAL =					329.2

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

ENERGY SUPPLY- **CONTACT BRAD SHINABARGAR**
 PHONE 708-325-2692
 COMMONWEALTH EDISON

FILE NAME = D160X64-sh-t-TS11865.dgn	USER NAME = SE3	DESIGNED - PHL	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN - PHL	REVISED -
	PLOT DATE = 2/3/2014	CHECKED - BKS	REVISED -
		DATE - \$SUBDATE	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

NORTH MAIN ST/VINCENNES AT GLENWOOD ST - CABLE PLAN
SCHEDULE OF QUANTITIES, PHASE DESIG. DIAGRAM & EVP SEQUENCE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2013-075TS	COOK	78	63
CONTRACT NO. 60X64				
ILLINOIS FED. AID PROJECT				

TS 11865 GLENWOOD