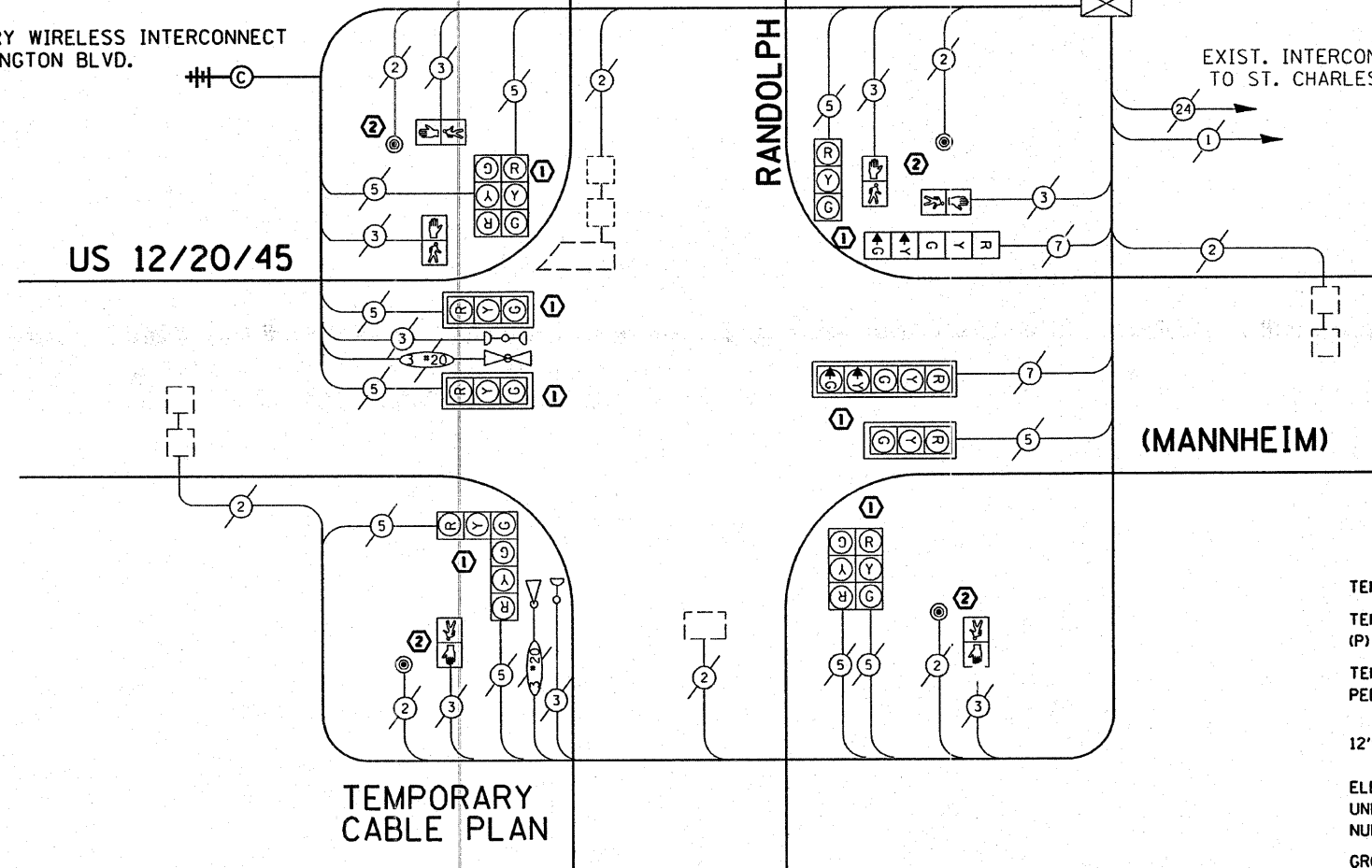


TEMPORARY EMERGENCY VEHICLE PREEMPTOR		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	→	↑

- LEGEND**
- ⊕ DUAL ENTRY PHASE
  - ⊖ SINGLE ENTRY PHASE
  - OL OVERLAP
  - ⊙ PEDESTRIAN PHASE
  - \* NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY WIRELESS INTERCONNECT TO WASHINGTON BLVD.



**EXISTING CABLE DIAGRAM LEGEND**

- |  | PROPOSED | EXISTING |
|--|----------|----------|
| TEMPORARY CONTROLLER CABINET   | ⊠        | ⊠        |
| TEMPORARY SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT                             | ⊖        | ⊖        |
| TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION, 12" (300 mm)              | R        | R        |
| 12" (300 MM) PEDESTRIAN SIGNAL SECTION   | ⊙        | ⊙        |
| ELECTRIC CABLE IN CONDUIT, NO. 14, UNLESS OTHERWISE NOTED. NUMBER OF CONDUCTORS AS NOTED | 2        | 2        |
| GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE       | ⊕        | ⊕        |
| PEDESTRIAN PUSHBUTTON DETECTOR   | ⊙        | ⊙        |
| VEHICLE DETECTOR, INDUCTION LOOP   | □        | □        |
| CCTV DOME DRIVE UNIT   | ⊖        | ⊖        |
| MICROWAVE VEHICLE SENSOR   | M        | M        |
| VIDEO DETECTOR   | V        | V        |
| CLOSED CIRCUIT TV  | C        | C        |
| EMERGENCY VEHICLE SYSTEM DETECTOR  | ⊖        | ⊖        |
| CONFIRMATION BEACON  | ⊖        | ⊖        |
| WIRELESS INTERCONNECT (ANTENNA)  | ⊖        | ⊖        |

**NOTE:**  
TEMPORARY WIRELESS INTERCONNECT IS INCLUDED IN TEMPORARY TRAFFIC SIGNAL INSTALLATION PAY ITEM IN WASHINGTON BLVD.

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

**RESTORATION OF WORK AREA.** RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

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

TYPE	NO. LAMPS	WATTAGE (INCANDE)	WATTAGE (LED)	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	135	17	0.50	
(YELLOW)	12	135	25	0.25	
(GREEN)	12	135	15	0.25	
ARROW	4	135	12	0.10	
PED. SIGNAL	6	90	25	1.00	
CONTROLLER	1	100	100	1.00	
ILLUM. SIGN		84		0.05	

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'-H.-2'- (6m-H.-0.6m)
E - M. ARM POLE		SIGNAL POST	2 (1.0)	BRACKET MOUNTED	13 (4.0)
		24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)
		30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)
		36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.5)
				GROUND CABLE	1 (0.5)
				SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION

ENERGY SUPPLY CONTACT:  
PHONE: 708-410-5069  
COMPANY: COM. EDISON

FILE NAME =  
PROJECT: traffic\1070027\us12\_20\_45.dgn

DESIGNED - BCK  
DRAWN - BCK  
CHECKED - DAD  
DATE - 10/10/2008

REVISIONS:

DESIGNED - BCK	REVISIONS -
DRAWN - BCK	REVISIONS -
CHECKED - DAD	REVISIONS -
DATE - 10/10/2008	REVISIONS -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING CABLE PLAN  
US 12/20/45 (MANNHEIM) @ RANDOLPH ST.

F.A.P. RTE. 330	SECTION 2008-006 TS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 58
SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 60E31	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				