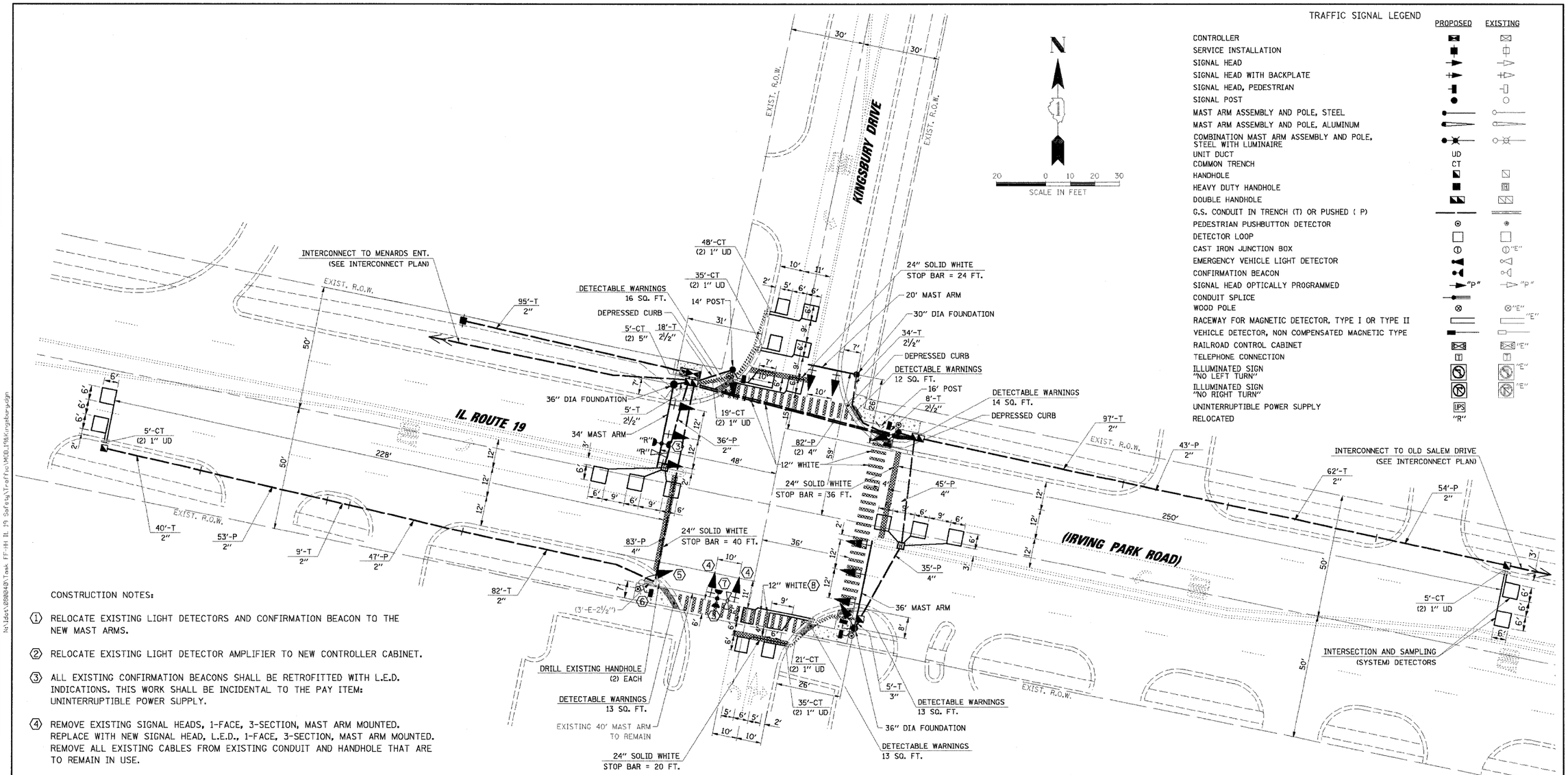


## TRAFFIC SIGNAL LEGEND

| | PROPOSED | EXISTING |
|---|---|---|
| CONTROLLER | | |
| SERVICE INSTALLATION | | |
| SIGNAL HEAD | | |
| SIGNAL HEAD WITH BACKPLATE | | |
| SIGNAL HEAD, PEDESTRIAN | | |
| SIGNAL POST | | |
| MAST ARM ASSEMBLY AND POLE, STEEL | | |
| MAST ARM ASSEMBLY AND POLE, ALUMINUM | | |
| COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE | | |
| UNIT DUCT | UD | |
| COMMON TRENCH | CT | |
| HANDHOLE | | |
| HEAVY DUTY HANDHOLE | | |
| DOUBLE HANDHOLE | | |
| G.S. CONDUIT IN TRENCH (T) OR PUSHED ( P) | | |
| PEDESTRIAN PUSHBUTTON DETECTOR | | |
| DETECTOR LOOP | | |
| CAST IRON JUNCTION BOX | | "E" |
| EMERGENCY VEHICLE LIGHT DETECTOR | | |
| CONFIRMATION BEACON | | |
| SIGNAL HEAD OPTICALLY PROGRAMMED | "P" | "P" |
| CONDUIT SPLICE | | |
| WOOD POLE | "E" | "E" |
| RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II | | "E" |
| VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE | | |
| RAILROAD CONTROL CABINET | | "E" |
| TELEPHONE CONNECTION | T | T |
| ILLUMINATED SIGN "NO LEFT TURN" | | "E" |
| ILLUMINATED SIGN "NO RIGHT TURN" | | "E" |
| UNINTERRUPTIBLE POWER SUPPLY | UPS | |
| RELOCATED | "R" | |

CONSTRUCTION NOTES:

1. RELOCATE EXISTING LIGHT DETECTORS AND CONFIRMATION BEACON TO THE NEW MAST ARMS.
2. RELOCATE EXISTING LIGHT DETECTOR AMPLIFIER TO NEW CONTROLLER CABINET.
3. ALL EXISTING CONFIRMATION BEACONS SHALL BE RETROFITTED WITH L.E.D. INDICATIONS. THIS WORK SHALL BE INCIDENTAL TO THE PAY ITEM: UNINTERRUPTIBLE POWER SUPPLY.
4. REMOVE EXISTING SIGNAL HEADS, 1-FACE, 3-SECTION, MAST ARM MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED. REMOVE ALL EXISTING CABLES FROM EXISTING CONDUIT AND HANDHOLE THAT ARE TO REMAIN IN USE.
5. REMOVE EXISTING SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED. REMOVE ALL EXISTING CABLES FROM EXISTING CONDUIT AND HANDHOLE THAT ARE TO REMAIN IN USE.
6. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, 1-FACE AND PEDESTRIAN PUSHBUTTON. REPLACE WITH NEW PEDESTRIAN SIGNAL HEAD, L.E.D. WITH COUNTDOWN TIMER AND NEW PEDESTRIAN PUSHBUTTON. REMOVE ALL EXISTING CABLES FROM EXISTING CONDUIT AND HANDHOLE THAT ARE TO REMAIN IN USE.
7. REMOVE EXISTING CABLES, 3/C AND 3#20, TWISTED SHIELDED FROM EXISTING CONDUIT AND HANDHOLE THAT ARE TO REMAIN IN USE.
8. USE POLYUREA PAVEMENT MARKING ON THE DRIVEWAY FOR CROSSWALK.
9. PAINT NEW MAST ARMS AND TRAFFIC SIGNAL POSTS TO MATCH EXISTING MAST ARM TO REMAIN.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING 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, MEDIANS, 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.


CHRISTOPHER B. BURKE ENGINEERING LTD.
5575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


| FILE NAME = ...\Traffic\MOD_19&Kingsbury.dgn | USER NAME = FPACIONE | DESIGNED - ABR | REVISED - |
|---|---|---|---|
| | | DRAWN - FPB / FCP | REVISED - |
| | PLOT SCALE = 20' | CHECKED - MJT | REVISED - |
| | PLOT DATE = 3/18/2009 | DATE - | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN**
**IL ROUTE 19 (IRVING PARK ROAD) AND KINGSBURY DRIVE**

SCALE: 1" = 20' | SHEET NO. OF SHEETS | STA. TO STA.

| F.AU. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 1321 | 2009-034 TS | COOK | 45 | 17 |

CONTRACT NO. 60G39

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT