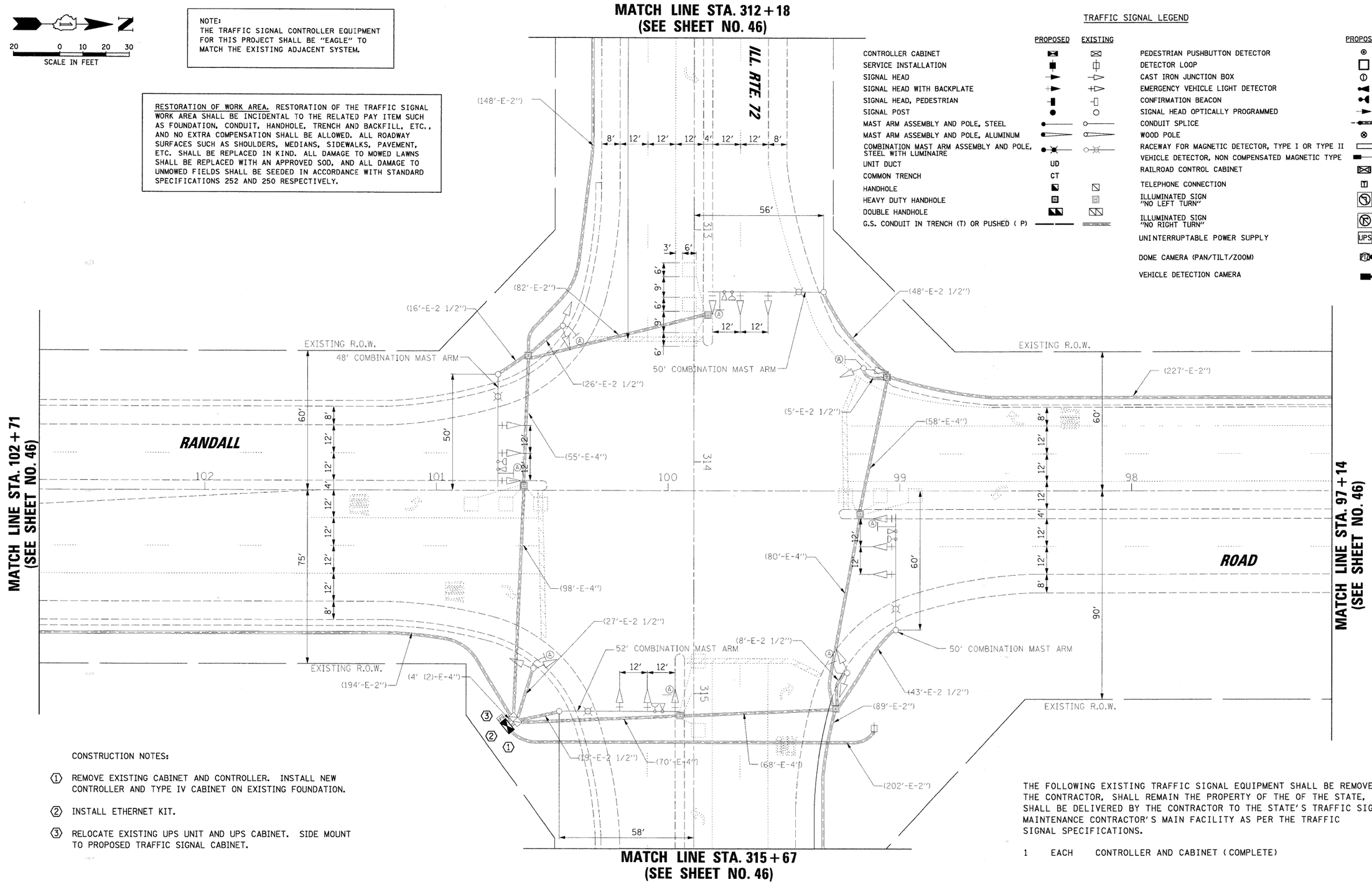
20 0 10 20 30
SCALE IN FEET

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" 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.




TRAFFIC SIGNAL LEGEND

| | PROPOSED | EXISTING |
|---|---|---|
| CONTROLLER CABINET | | |
| 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) | | |

| | PROPOSED | EXISTING |
|---|---|---|
| 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" |
| RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II | | "E" |
| VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE | | |
| RAILROAD CONTROL CABINET | | "E" |
| TELEPHONE CONNECTION | T | |
| ILLUMINATED SIGN "NO LEFT TURN" | | "E" |
| ILLUMINATED SIGN "NO RIGHT TURN" | | "E" |
| UNINTERRUPTABLE POWER SUPPLY | UPS | UPS |
| DOME CAMERA (PAN/TILT/ZOOM) | PTZ | PTZ |
| VEHICLE DETECTION CAMERA | | |

CONSTRUCTION NOTES:

1. REMOVE EXISTING CABINET AND CONTROLLER. INSTALL NEW CONTROLLER AND TYPE IV CABINET ON EXISTING FOUNDATION.
2. INSTALL ETHERNET KIT.
3. RELOCATE EXISTING UPS UNIT AND UPS CABINET. SIDE MOUNT TO PROPOSED TRAFFIC SIGNAL CABINET.

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE OF THE STATE, AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE STATE'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

1 EACH CONTROLLER AND CABINET (COMPLETE)


CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500


PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / HORIZ. ALIGN. / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RE-TIE WAS PROCED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FILE NAME = N:\kanecounty\070616\Traffic\M001_IL72.dgn | USER NAME = MWILLIAM | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TRAFFIC SIGNAL MODIFICATION PLAN RANDALL ROAD AT IL RTE 72 | F.A.P. RTE. 336 | SECTION 06-00346-00-TL | COUNTY KANE | TOTAL SHEETS 69 | SHEET NO. 45 |
| | | DRAWN - | REVISED - | | | | | | | |
| | PLOT SCALE = 20' | CHECKED - | REVISED - | | | | | CONTRACT NO. 63011 | | |
| | PLOT DATE = 1/28/2008 | DATE - | REVISED - | | SCALE: | FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |