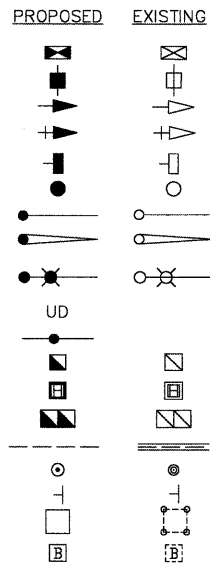


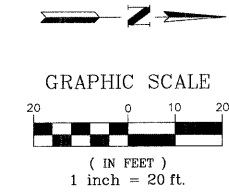
TRAFFIC SIGNAL LEGEND

- 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
- CONDUIT SPLICE
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- G.S. CONDUIT IN GROUND (CIG)
- PEDESTRIAN PUSHBUTTON DETECTOR
- PEDESTRIAN PUSHBUTTON SIGN
- DETECTOR LOOP
- UNINTERRUPTIBLE POWER SUPPLY



YORK HOUSE ROAD

Restoration of Work Area. Restoration of the traffic signal work area shall be incidental to the related pay items 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.



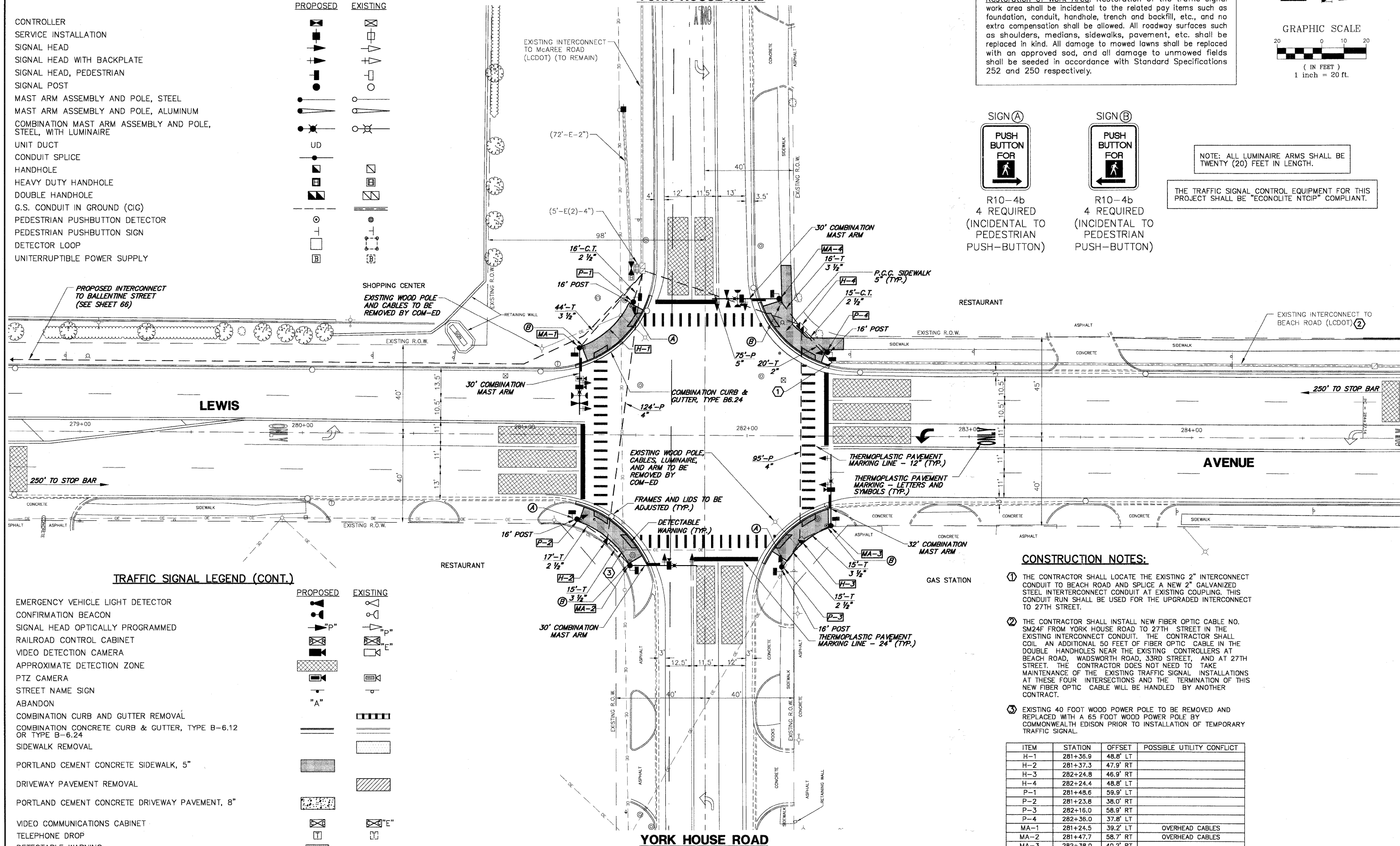
R10-4b
4 REQUIRED
(INCIDENTAL TO PEDESTRIAN PUSH-BUTTON)



R10-4b
4 REQUIRED
(INCIDENTAL TO PEDESTRIAN PUSH-BUTTON)

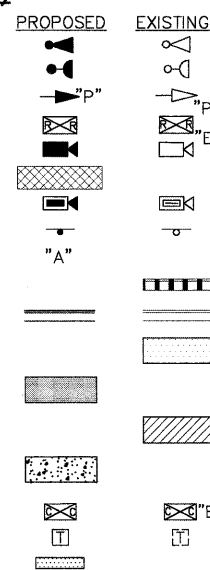
NOTE: ALL LUMINAIRE ARMS SHALL BE TWENTY (20) FEET IN LENGTH.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE NTCIP" COMPLIANT.



TRAFFIC SIGNAL LEGEND (CONT.)

- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- SIGNAL HEAD OPTICALLY PROGRAMMED
- RAILROAD CONTROL CABINET
- VIDEO DETECTION CAMERA
- APPROXIMATE DETECTION ZONE
- PTZ CAMERA
- STREET NAME SIGN
- ABANDON
- COMBINATION CURB AND GUTTER REMOVAL
- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 OR TYPE B-6.24
- SIDEWALK REMOVAL
- PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- DRIVEWAY PAVEMENT REMOVAL
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"
- VIDEO COMMUNICATIONS CABINET
- TELEPHONE DROP
- DETECTABLE WARNING



CONSTRUCTION NOTES:

- 1 THE CONTRACTOR SHALL LOCATE THE EXISTING 2" INTERCONNECT CONDUIT TO BEACH ROAD AND SPLICE A NEW 2" GALVANIZED STEEL INTERCONNECT CONDUIT AT EXISTING COUPLING. THIS CONDUIT RUN SHALL BE USED FOR THE UPGRADED INTERCONNECT TO 27TH STREET.
- 2 THE CONTRACTOR SHALL INSTALL NEW FIBER OPTIC CABLE NO. SM24F FROM YORK HOUSE ROAD TO 27TH STREET IN THE EXISTING INTERCONNECT CONDUIT. THE CONTRACTOR SHALL COIL AN ADDITIONAL 50 FEET OF FIBER OPTIC CABLE IN THE DOUBLE HANDHOLES NEAR THE EXISTING CONTROLLERS AT BEACH ROAD, WADSWORTH ROAD, 33RD STREET, AND AT 27TH STREET. THE CONTRACTOR DOES NOT NEED TO TAKE MAINTENANCE OF THE EXISTING TRAFFIC SIGNAL INSTALLATIONS AT THESE FOUR INTERSECTIONS AND THE TERMINATION OF THIS NEW FIBER OPTIC CABLE WILL BE HANDLED BY ANOTHER CONTRACT.
- 3 EXISTING 40 FOOT WOOD POWER POLE TO BE REMOVED AND REPLACED WITH A 65 FOOT WOOD POWER POLE BY COMMONWEALTH EDISON PRIOR TO INSTALLATION OF TEMPORARY TRAFFIC SIGNAL.

ITEM	STATION	OFFSET	POSSIBLE UTILITY CONFLICT
H-1	281+36.9	48.8' LT	
H-2	281+37.3	47.9' RT	
H-3	282+24.8	46.9' RT	
H-4	282+24.4	48.8' LT	
P-1	281+48.6	59.9' LT	
P-2	281+23.8	38.0' RT	
P-3	282+16.0	58.9' RT	
P-4	282+36.0	37.8' LT	
MA-1	281+24.5	39.2' LT	OVERHEAD CABLES
MA-2	281+47.7	58.7' RT	OVERHEAD CABLES
MA-3	282+38.0	40.2' RT	
MA-4	282+14.2	61.7' LT	

FILE NAME = 4135.315-TR1.dwg

USER NAME = GHA
DESIGNED - JRD
DRAWN - ZCW
CHECKED - DPB
DATE - 10/19/09

REVISIONS:
9/15/09 (LCDOT)
9/25/09 (IDOT)
10/19/09 (LCDOT)



TRAFFIC SIGNAL MODERNIZATION PLAN
LEWIS AVENUE AT YORK HOUSE ROAD
SCALE: 1"=20' SHEET NO. 55 OF 86 SHEETS STA. TO STA.

F.A.P. RTE. 2730 SECTION 08-00259-00-TL COUNTY LAKE TOTAL SHEETS 86 SHEET NO. 55 CONTRACT # 63344 ILLINOIS FED. AID PROJECT

GHA #4135.800