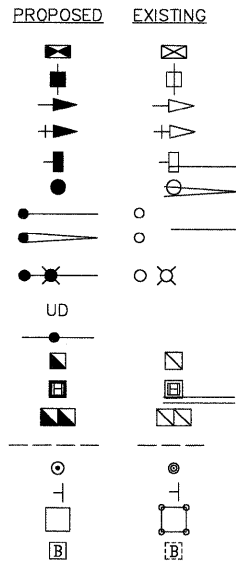
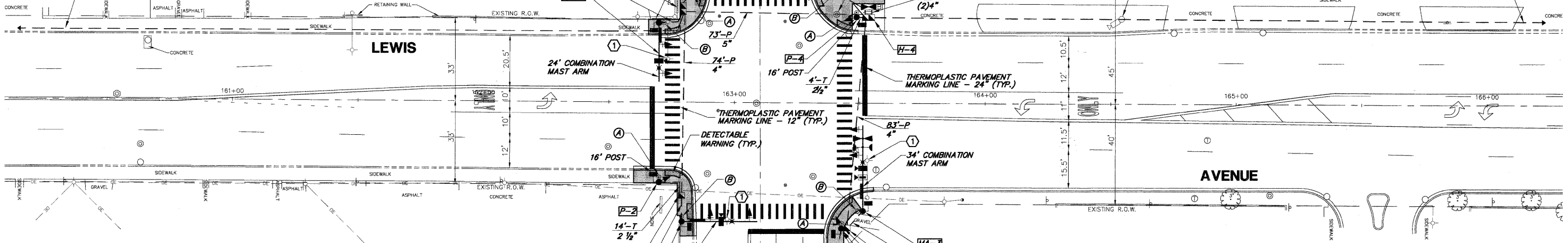


**TRAFFIC SIGNAL LEGEND**

- 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
- UNITERRUPTIBLE POWER SUPPLY

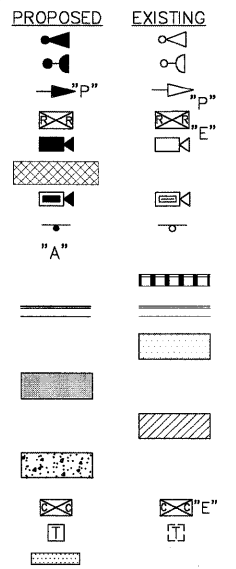


PROPOSED INTERCONNECT TO RIDGELAND AVENUE (SEE SHEET 62)

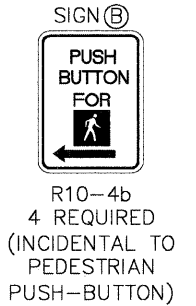
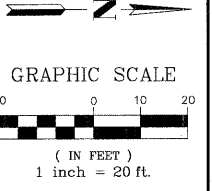


**TRAFFIC SIGNAL LEGEND (CONT.)**

- 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



**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.



**CONSTRUCTION NOTES:**

- 1 CONTRACTOR SHALL COORDINATE WITH CITY OF WAUKEGAN FOR CITY REMOVAL OF EXISTING CONCRETE POLE, LUMINAIRE, AND ARM.
- 2 PRIOR TO CONSTRUCTION BEGINNING, THE SIGNAL CONTRACTOR SHALL COORDINATE WITH THE CITY OF WAUKEGAN (847) 599-2500, RED SPEED ILLINOIS LLC (630) 317-5700, AND LAKE COUNTY DIVISION OF TRANSPORTATION (847) 377-7400 FOR THE SWITCH OFF OF THE EXISTING RED LIGHT RUNNING CAMERA ENFORCEMENT SYSTEM. ALL COSTS FOR THE REMOVAL AND RE-INSTALLATION SHALL BE THE RESPONSIBILITY OF THE CITY OF WAUKEGAN AND RED SPEED ILLINOIS LLC.

ITEM	STATION	OFFSET	POSSIBLE UTILITY CONFLICT
H-1	162+79.5	36.2' LT	
H-2	162+79.2	37.1' RT	
H-3	163+45.2	49.7' RT	
H-4	163+53.4	34.1' LT	
P-1	162+84.8	44.9' LT	
P-2	162+70.0	31.8' RT	
P-3	163+42.8	49.9' RT	
P-4	163+48.6	34.3' LT	
MA-1	162+69.8	31.7' LT	R.O.W.
MA-2	162+79.2	47.4' RT	R.O.W.
MA-3	163+51.3	42.9' RT	OVERHEAD CABLES
MA-4	163+41.8	46.2' LT	

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

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

FILE NAME = 4135.315-TR1.dwg

USER NAME = GHA  
PLOT SCALE = 1" = .08'  
PLOT DATE = 10/19/2009

DESIGNED - JRD  
DRAWN - ZCW  
CHECKED - DPB  
DATE - 10/19/09

REVISED - 9/15/09 (LCDOT)  
REVISED - 9/25/09 (IDOT)  
REVISED - 10/19/09 (LCDOT)  
REVISED -



**TRAFFIC SIGNAL MODERNIZATION PLAN**  
**LEWIS AVENUE AT GLEN FLORA AVENUE**  
SCALE 1"=20' SHEET NO. 32 OF 86 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2730	08-00259-00-TL	LAKE	86	32
CONTRACT #:				63344
ILLINOIS FED. AID PROJECT				

GHA #4135.800