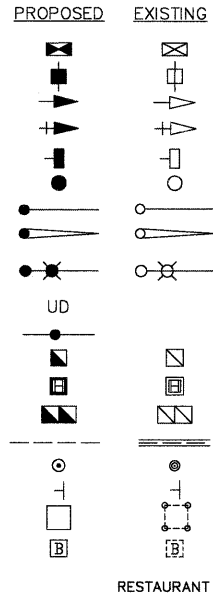


TRAFFIC SIGNAL LEGEND

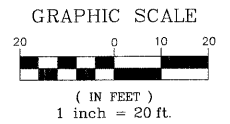
- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL, WITH LUMINAIRE
- UNIT DUCT
- CONDUIT SPLICE
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- G.S. CONDUIT IN GROUND (CIG)
- PEDESTRIAN PUSHBUTTON DETECTOR
- PEDESTRIAN PUSHBUTTON SIGN
- DETECTOR LOOP
- UNINTERRUPTIBLE POWER SUPPLY



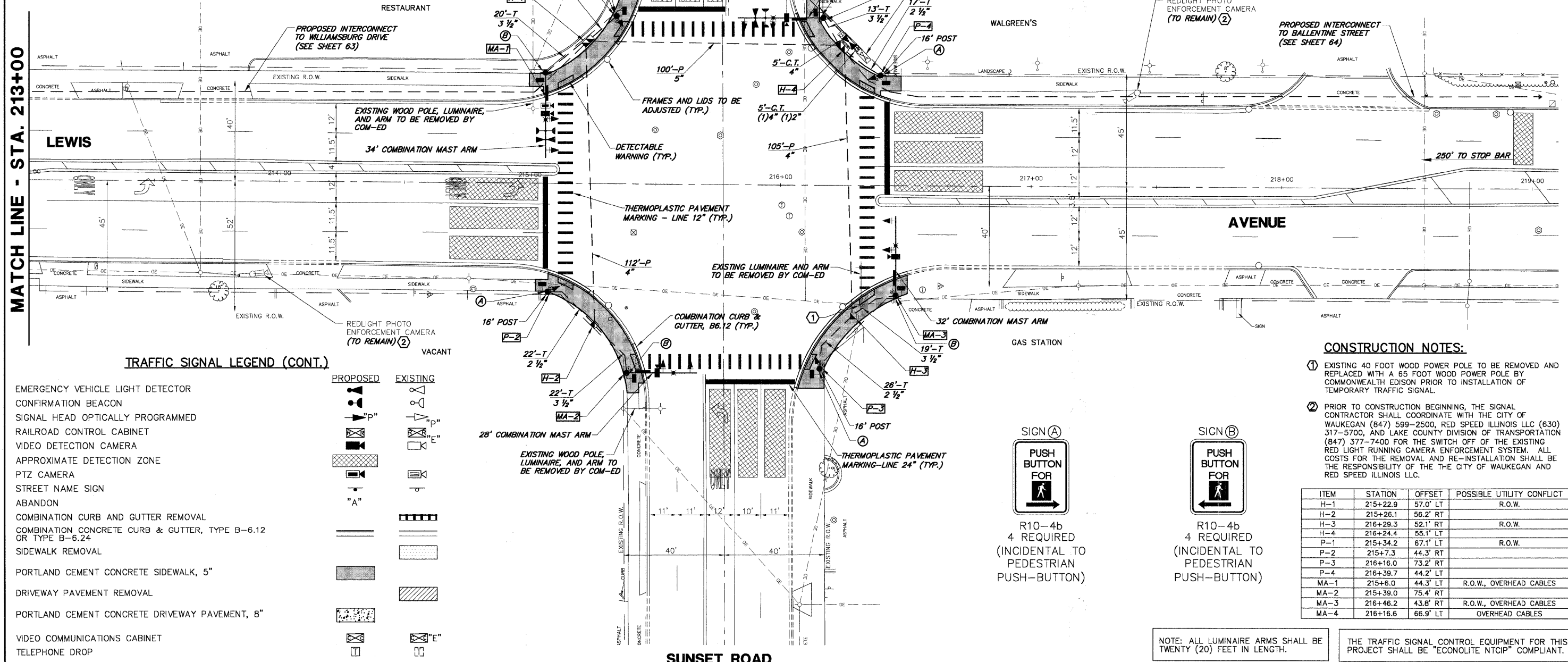
SUNSET ROAD

MATCH LINE - STA. 213+00

MATCH LINE - STA. 213+00

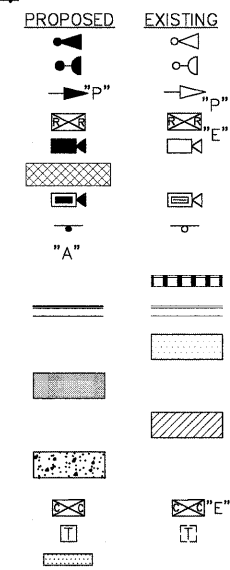


Restoration of Work Area. Restoration of the traffic signal work area shall be incidental to the related pay items such as foundation, conduit, handhole, trench and backfill, etc., and no extra compensation shall be allowed. All roadway surfaces such as shoulders, medians, sidewalks, pavement, etc. shall 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.



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



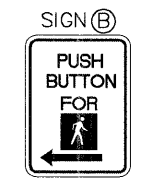
CONSTRUCTION NOTES:

- 1 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.
- 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	215+22.9	57.0' LT	R.O.W.
H-2	215+26.1	56.2' RT	
H-3	216+29.3	52.1' RT	R.O.W.
H-4	216+24.4	55.1' LT	
P-1	215+34.2	67.1' LT	R.O.W.
P-2	215+7.3	44.3' RT	
P-3	216+16.0	73.2' RT	
P-4	216+39.7	44.2' LT	
MA-1	215+6.0	44.3' LT	R.O.W., OVERHEAD CABLES
MA-2	215+39.0	75.4' RT	
MA-3	216+46.2	43.8' RT	R.O.W., OVERHEAD CABLES
MA-4	216+16.6	66.9' LT	OVERHEAD CABLES



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.

FILE NAME = 4135.315-TR1.dwg	USER NAME = OHA	DESIGNED - JRD	REVISED - 9/15/09 (LCDOT)
		DRAWN - ZCW	REVISED - 9/25/09 (IDOT)
		CHECKED - DPB	REVISED - 10/19/09 (LCDOT)
		DATE - 10/19/09	REVISED -

DESIGNED - JRD	REVISED - 9/15/09 (LCDOT)
DRAWN - ZCW	REVISED - 9/25/09 (IDOT)
CHECKED - DPB	REVISED - 10/19/09 (LCDOT)
DATE - 10/19/09	REVISED -



TRAFFIC SIGNAL MODERNIZATION PLAN	
LEWIS AVENUE AT SUNSET AVENUE	
SCALE: 1"=20'	SHEET NO. 47 OF 86 SHEETS
STA. TO STA.	

F.A.P. RTE. 2730	SECTION 08-00259-00-TL	COUNTY LAKE	TOTAL SHEETS 86	SHEET NO. 47
CONTRACT # 63344			GHA #4135.800	
ILLINOIS FED. AID PROJECT				