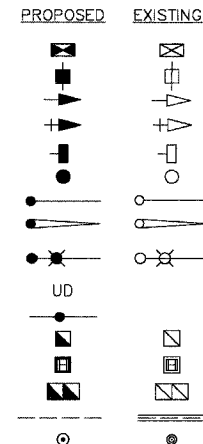


F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1223	04-00272-00-TL	LAKE	72	38
TRAFFIC SIGNAL MODERNIZATION PLAN				
ILLINOIS				

**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



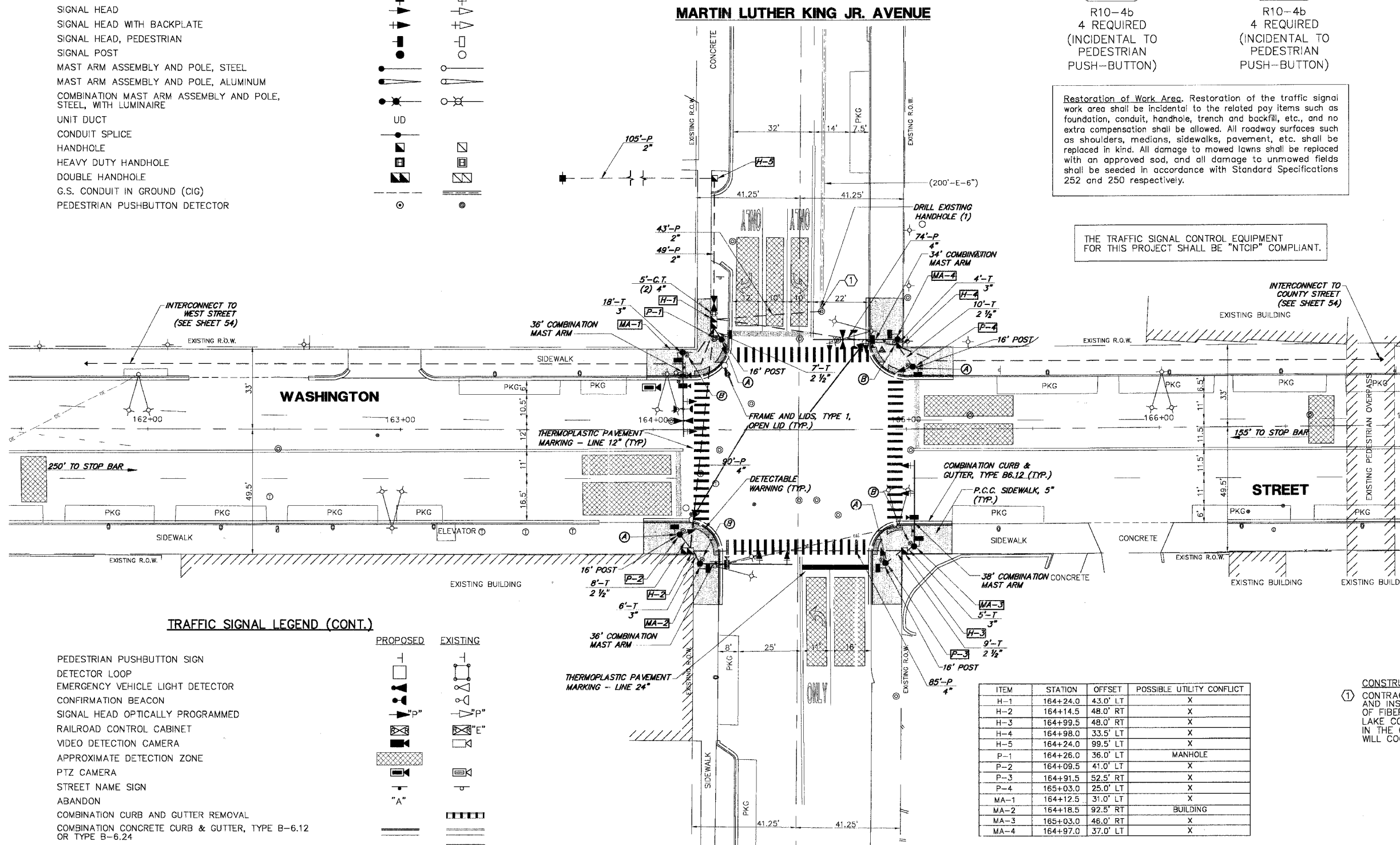
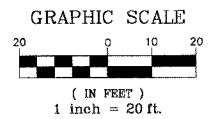
R10-4b  
4 REQUIRED  
(INCIDENTAL TO PEDESTRIAN PUSH-BUTTON)



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

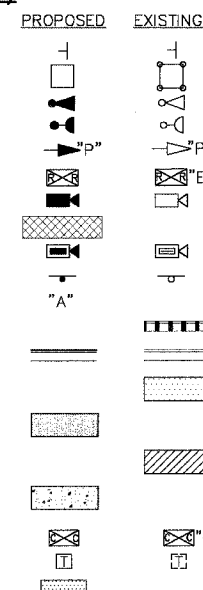
**Restoration of Work Area.** Restoration of the traffic signal work area shall be incidental to the related pay items such as foundation, conduit, handhole, trench and backfill, etc., and no extra compensation shall be allowed. All roadway surfaces such as shoulders, medians, sidewalks, pavement, etc.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

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



**TRAFFIC SIGNAL LEGEND (CONT.)**

- PEDESTRIAN PUSHBUTTON SIGN
- DETECTOR LOOP
- 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



ITEM	STATION	OFFSET	POSSIBLE UTILITY CONFLICT
H-1	164+24.0	43.0' LT	X
H-2	164+14.5	48.0' RT	X
H-3	164+99.5	48.0' RT	X
H-4	164+98.0	33.5' LT	X
H-5	164+24.0	99.5' LT	X
P-1	164+26.0	36.0' LT	MANHOLE
P-2	164+09.5	41.0' LT	X
P-3	164+91.5	52.5' RT	X
P-4	165+03.0	25.0' LT	X
MA-1	164+12.5	31.0' LT	X
MA-2	164+18.5	92.5' RT	BUILDING
MA-3	165+03.0	46.0' RT	X
MA-4	164+97.0	37.0' LT	X

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

**CONSTRUCTION NOTE:**  
① CONTRACTOR TO DRILL INTO EXISTING MANHOLE AND INSTALL 2" G.S. CONDUIT FOR INSTALLATION OF FIBER OPTIC AND TRACER CABLES TO LAKE COUNTY COMMUNICATIONS CENTER LOCATED IN THE COUNTY BUILDING. RESIDENT ENGINEER WILL COORDINATE WITH LCDOT STAFF.

PLANS PREPARED BY:  
**GEWALT HAMILTON ASSOCIATES, INC.**  
Consulting Engineers & Surveyors  
650 Forest Ridge Drive  
Vernon Hills, IL 60061  
(847) 478-9700  
(847) 478-9701 Fax

REVISIONS	
NAME	DATE

LAKE COUNTY DIVISION OF TRANSPORTATION  
**TRAFFIC SIGNAL MODERNIZATION PLAN**  
**WASHINGTON STREET AND MARTIN LUTHER KING JR. AVENUE**  
SCALE: 1"=20'  
DATE: MAY 1, 2007  
DRAWN BY: PJS  
DESIGNED BY: JRD  
CHECKED BY: BLS