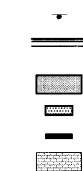


**LEGEND**

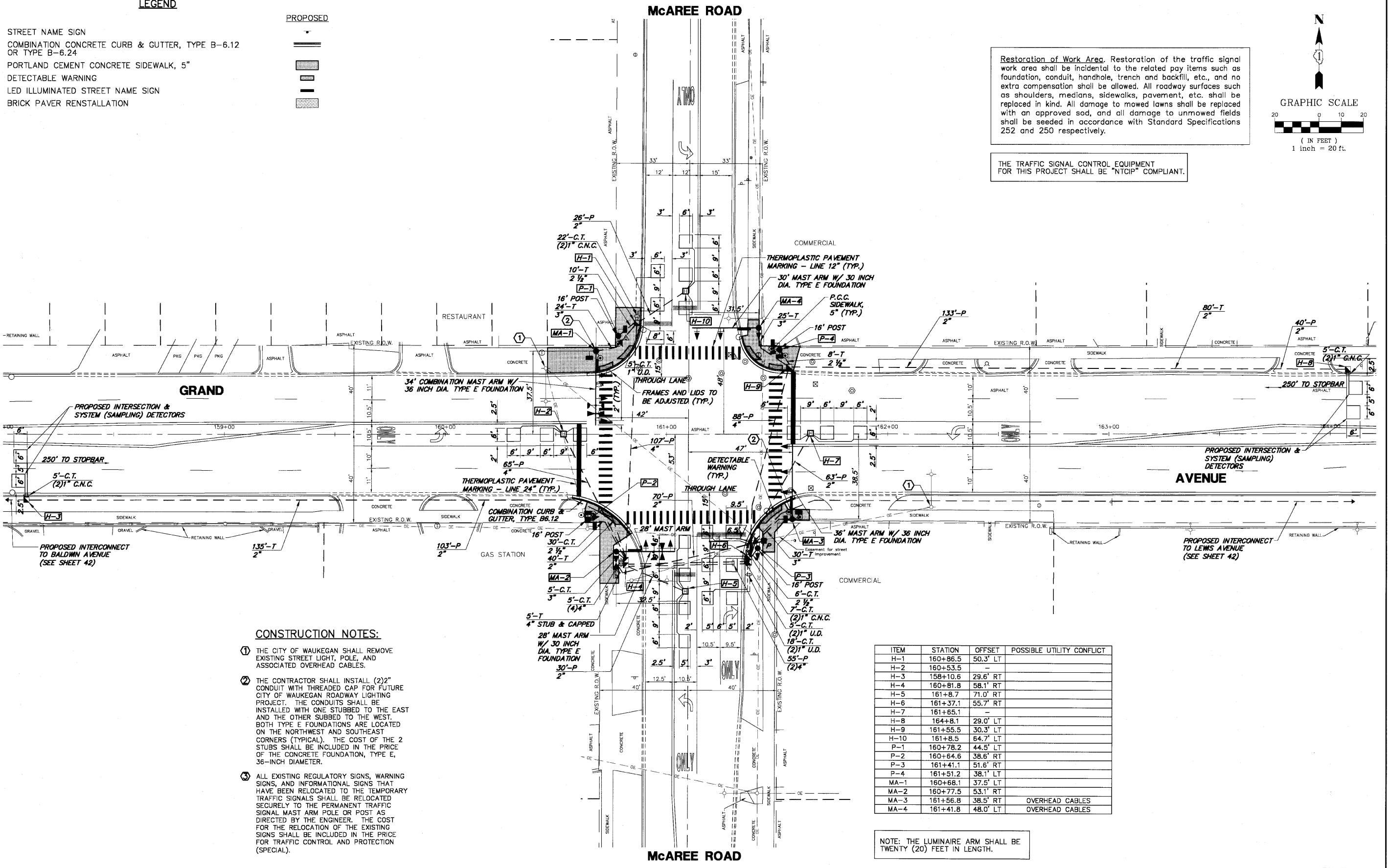
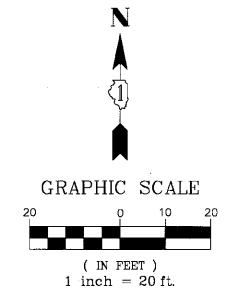
- STREET NAME SIGN
- COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 OR TYPE B-6.24
- PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- DETECTABLE WARNING
- LED ILLUMINATED STREET NAME SIGN
- BRICK PAVER RENSTALLATION

**PROPOSED**



**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.



**CONSTRUCTION NOTES:**

- 1 THE CITY OF WAUKEGAN SHALL REMOVE EXISTING STREET LIGHT, POLE, AND ASSOCIATED OVERHEAD CABLES.
- 2 THE CONTRACTOR SHALL INSTALL (2)2" CONDUIT WITH THREADED CAP FOR FUTURE CITY OF WAUKEGAN ROADWAY LIGHTING PROJECT. THE CONDUITS SHALL BE INSTALLED WITH ONE STUBBED TO THE EAST AND THE OTHER STUBBED TO THE WEST. BOTH TYPE E FOUNDATIONS ARE LOCATED ON THE NORTHWEST AND SOUTHEAST CORNERS (TYPICAL). THE COST OF THE 2 STUBS SHALL BE INCLUDED IN THE PRICE OF THE CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER.
- 3 ALL EXISTING REGULATORY SIGNS, WARNING SIGNS, AND INFORMATIONAL SIGNS THAT HAVE BEEN RELOCATED TO THE TEMPORARY TRAFFIC SIGNALS SHALL BE RELOCATED SECURELY TO THE PERMANENT TRAFFIC SIGNAL MAST ARM POLE OR POST AS DIRECTED BY THE ENGINEER. THE COST FOR THE RELOCATION OF THE EXISTING SIGNS SHALL BE INCLUDED IN THE PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

ITEM	STATION	OFFSET	POSSIBLE UTILITY CONFLICT
H-1	160+86.5	50.3' LT	
H-2	160+53.5	-	
H-3	158+10.6	29.6' RT	
H-4	160+81.8	58.1' RT	
H-5	161+8.7	71.0' RT	
H-6	161+37.1	55.7' RT	
H-7	161+65.1	-	
H-8	164+8.1	29.0' LT	
H-9	161+55.5	30.3' LT	
H-10	161+8.5	64.7' LT	
P-1	160+78.2	44.5' LT	
P-2	160+64.6	38.6' RT	
P-3	161+41.1	51.6' RT	
P-4	161+51.2	38.1' LT	
MA-1	160+68.1	37.5' LT	
MA-2	160+77.5	53.1' RT	
MA-3	161+56.8	38.5' RT	OVERHEAD CABLES
MA-4	161+41.8	48.0' LT	OVERHEAD CABLES

NOTE: THE LUMINAIRE ARM SHALL BE TWENTY (20) FEET IN LENGTH.

GHA #4136.800

FILE NAME = 4136.800-TR2.dwg  
PLOT SCALE = 1" = .0833'  
PLOT DATE = 3/10/10

USER NAME = GHA	DESIGNED - JRD	REVISED -
PLOT SCALE = 1" = .0833'	DRAWN - ZCW	REVISED -
PLOT DATE = 3/10/10	CHECKED - DPB	REVISED -
	DATE - 3/10/10	REVISED -



<b>TRAFFIC SIGNAL MODERNIZATION PLAN</b>			
<b>GRAND AVENUE AT McAREE ROAD</b>			
SCALE: 1"=20'	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.P. RTE. 541	SECTION 08-00279-00-TL	COUNTY LAKE	TOTAL SHEETS 64	SHEET NO. 19
CONTRACT # 63436			ILLINOIS FED. AID PROJECT	