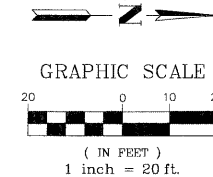


**CONSTRUCTION NOTES:**

- ① REMOVE EXISTING CONTROLLER FROM EXISTING CABINET. INSTALL NEW CONTROLLER.
- ② INSTALL UNINTERRUPTIBLE POWER SUPPLY UNIT IN SIDE MOUNTED CABINET ATTACHED TO EXISTING TRAFFIC SIGNAL CABINET.
- ③ INSTALL NEW SERVICE INSTALLATION, SERVICE CABLE AND GROUND CABLE AND REMOVE EXISTING SERVICE INSTALLATION.
- ④ REMOVE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT.
- ⑤ REMOVE EXISTING 5C CABLE FROM EXISTING POST TO CONTROLLER CABINET. INSTALL NEW 5C AND 7C CABLES IN NEW CONDUIT FROM NEW MAST ARM TO CONTROLLER CABINET PRIOR TO DEACTIVATION AND REMOVAL OF ANY EXISTING TRAFFIC SIGNAL EQUIPMENT.
- ⑥ ALL EXISTING CONFIRMATION BEACONS SHALL BE RETROFITTED WITH LED INDICATIONS. THIS WORK SHALL BE INCIDENTAL TO THE PAY ITEM; UNINTERRUPTIBLE POWER SUPPLY.
- ⑦ ALL CABINET MODIFICATIONS AND/OR LOAD SWITCH REPLACEMENTS REQUIRED FOR PROPER OPERATION OF THE LED SIGNAL AND LED CONFIRMATION BEACON INDICATIONS TO THE SATISFACTION OF THE ENGINEER SHALL BE INCIDENTAL TO THE PAY ITEM; UNINTERRUPTIBLE POWER SUPPLY.

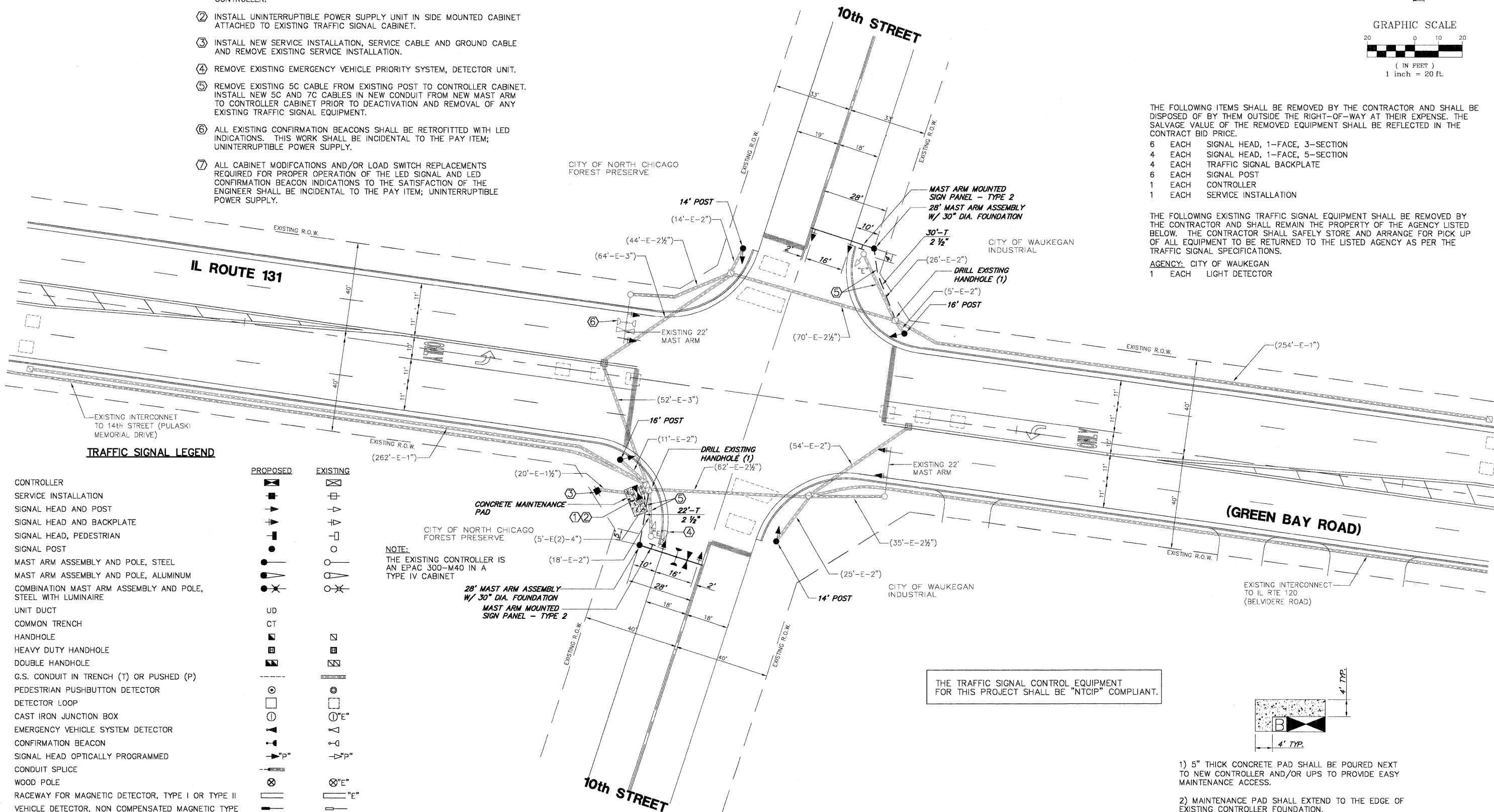


THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 6 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 4 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 4 EACH TRAFFIC SIGNAL BACKPLATE
- 6 EACH SIGNAL POST
- 1 EACH CONTROLLER
- 1 EACH SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

- AGENCY: CITY OF WAUKEGAN  
 1 EACH LIGHT DETECTOR



**TRAFFIC SIGNAL LEGEND**

PROPOSED	EXISTING

**NOTE:**  
 THE EXISTING CONTROLLER IS AN EPAC 300-M40 IN A TYPE IV CABINET

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

- 1) 5" THICK CONCRETE PAD SHALL BE POURED NEXT TO NEW CONTROLLER AND/OR UPS TO PROVIDE EASY MAINTENANCE ACCESS.
- 2) MAINTENANCE PAD SHALL EXTEND TO THE EDGE OF EXISTING CONTROLLER FOUNDATION.
- 3) COST OF PAD SHALL BE INCLUDED IN THE PRICE OF THE UNINTERRUPTIBLE POWER SUPPLY PAY ITEM.

**CONCRETE MAINTENANCE PAD DETAIL (TYPICAL)**  
 N.T.S.

