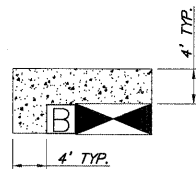


TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD AND POST		
SIGNAL HEAD AND 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		
COMMON TRENCH		
HANDHOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		

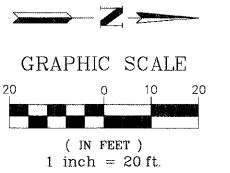
- 5" THICK CONCRETE PAD SHALL BE POURED NEXT TO NEW CONTROLLER AND/OR UPS TO PROVIDE EASY MAINTENANCE ACCESS.
- MAINTENANCE PAD SHALL EXTEND TO THE EDGE OF EXISTING CONTROLLER FOUNDATION.
- COST OF PAD SHALL BE INCLUDED IN THE PRICE OF THE UNINTERRUPTIBLE POWER SUPPLY PAY ITEM.

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



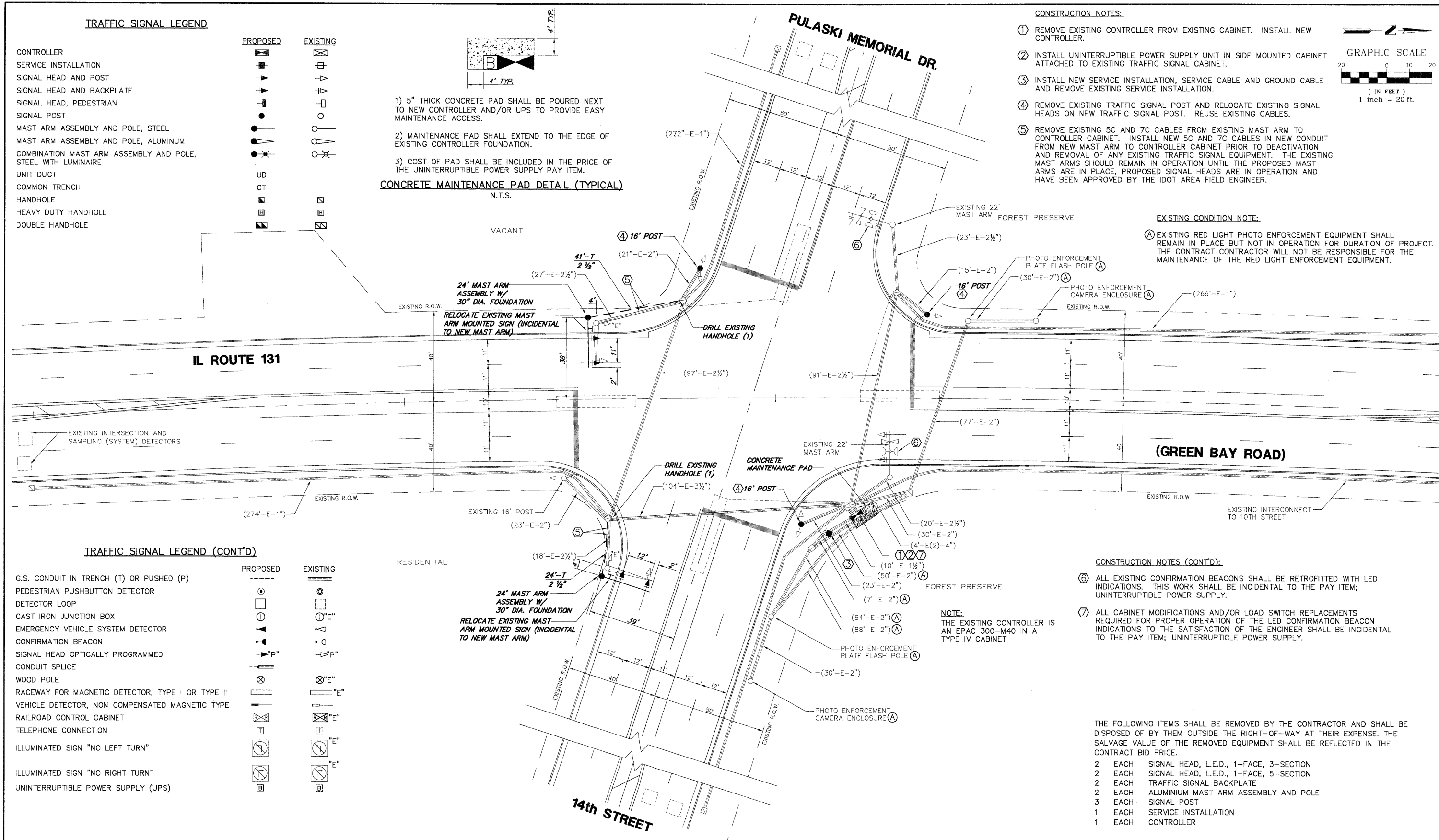
CONSTRUCTION NOTES:

- REMOVE EXISTING CONTROLLER FROM EXISTING CABINET. INSTALL NEW CONTROLLER.
- INSTALL UNINTERRUPTIBLE POWER SUPPLY UNIT IN SIDE MOUNTED CABINET ATTACHED TO EXISTING TRAFFIC SIGNAL CABINET.
- INSTALL NEW SERVICE INSTALLATION, SERVICE CABLE AND GROUND CABLE AND REMOVE EXISTING SERVICE INSTALLATION.
- REMOVE EXISTING TRAFFIC SIGNAL POST AND RELOCATE EXISTING SIGNAL HEADS ON NEW TRAFFIC SIGNAL POST. REUSE EXISTING CABLES.
- REMOVE EXISTING 5C AND 7C CABLES FROM EXISTING MAST ARM 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. THE EXISTING MAST ARMS SHOULD REMAIN IN OPERATION UNTIL THE PROPOSED MAST ARMS ARE IN PLACE, PROPOSED SIGNAL HEADS ARE IN OPERATION AND HAVE BEEN APPROVED BY THE IDOT AREA FIELD ENGINEER.



EXISTING CONDITION NOTE:

- (A) EXISTING RED LIGHT PHOTO ENFORCEMENT EQUIPMENT SHALL REMAIN IN PLACE BUT NOT IN OPERATION FOR DURATION OF PROJECT. THE CONTRACTOR WILL NOT BE RESPONSIBLE FOR THE MAINTENANCE OF THE RED LIGHT ENFORCEMENT EQUIPMENT.



TRAFFIC SIGNAL LEGEND (CONT'D)

	PROPOSED	EXISTING
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)		
PEDESTRIAN PUSHBUTTON DETECTOR		
DETECTOR LOOP		
CAST IRON JUNCTION BOX		
EMERGENCY VEHICLE SYSTEM DETECTOR		
CONFIRMATION BEACON		
SIGNAL HEAD OPTICALLY PROGRAMMED		
CONDUIT SPLICE		
WOOD POLE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RAILROAD CONTROL CABINET		
TELEPHONE CONNECTION		
ILLUMINATED SIGN "NO LEFT TURN"		
ILLUMINATED SIGN "NO RIGHT TURN"		
UNINTERRUPTIBLE POWER SUPPLY (UPS)		

CONSTRUCTION NOTES (CONT'D):

- ALL EXISTING CONFIRMATION BEACONS SHALL BE RETROFITTED WITH LED INDICATIONS. THIS WORK SHALL BE INCIDENTAL TO THE PAY ITEM; UNINTERRUPTIBLE POWER SUPPLY.
- ALL CABINET MODIFICATIONS AND/OR LOAD SWITCH REPLACEMENTS REQUIRED FOR PROPER OPERATION OF THE LED CONFIRMATION BEACON INDICATIONS TO THE SATISFACTION OF THE ENGINEER SHALL BE INCIDENTAL TO THE PAY ITEM; UNINTERRUPTIBLE POWER SUPPLY.

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

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.

2	EACH	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION
2	EACH	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION
2	EACH	TRAFFIC SIGNAL BACKPLATE
2	EACH	ALUMINUM MAST ARM ASSEMBLY AND POLE
3	EACH	SIGNAL POST
1	EACH	SERVICE INSTALLATION
1	EACH	CONTROLLER

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

FILE NAME = 4085.800-TR1.dgn

USER NAME =

DESIGNED - JRD
DRAWN - LJD

REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN
ILL RTE 131 (GREEN BAY RD.) AND 14TH ST./PULASKI MEMORIAL DR.

F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO.
27II 2009-005 TS 097(LAKE)ILK 21 7

PLOT SCALE = 1"=20'
PLOT DATE = 1/29/09

CHECKED - KLB
DATE - 1/29/09

REVISED -
REVISED -

REVISED -
REVISED -

SCALE: 1"=20' SHEET NO. 7 OF 21 SHEETS STA. TO STA.

CONTRACT NO. 6060I

ILLINOIS FED. AID PROJECT

GHA #4085.801