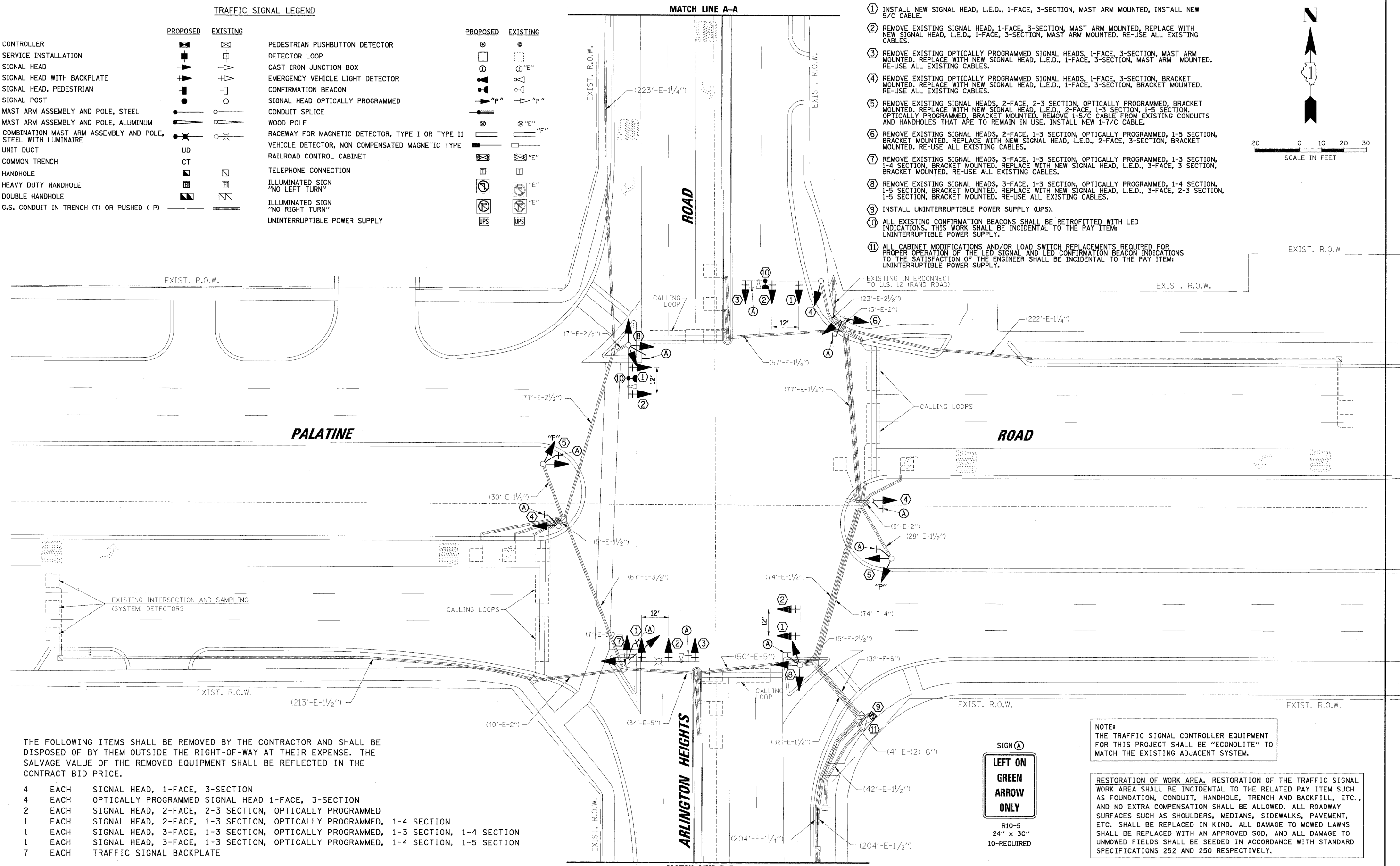
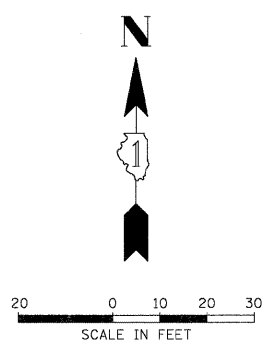


TRAFFIC SIGNAL LEGEND

PROPOSED	EXISTING	PROPOSED	EXISTING
CONTROLLER	[Symbol]	PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]
SERVICE INSTALLATION	[Symbol]	DETECTOR LOOP	[Symbol]
SIGNAL HEAD	[Symbol]	CAST IRON JUNCTION BOX	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	EMERGENCY VEHICLE LIGHT DETECTOR	[Symbol]
SIGNAL HEAD, PEDESTRIAN	[Symbol]	CONFIRMATION BEACON	[Symbol]
SIGNAL POST	[Symbol]	SIGNAL HEAD OPTICALLY PROGRAMMED	[Symbol]
MAST ARM ASSEMBLY AND POLE, STEEL	[Symbol]	CONDUIT SPLICE	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	WOOD POLE	[Symbol]
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE	[Symbol]	RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	[Symbol]
UNIT DUCT	[Symbol]	VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	[Symbol]
COMMON TRENCH	[Symbol]	RAILROAD CONTROL CABINET	[Symbol]
HANDHOLE	[Symbol]	TELEPHONE CONNECTION	[Symbol]
HEAVY DUTY HANDHOLE	[Symbol]	ILLUMINATED SIGN "NO LEFT TURN"	[Symbol]
DOUBLE HANDHOLE	[Symbol]	ILLUMINATED SIGN "NO RIGHT TURN"	[Symbol]
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)	[Symbol]	UNINTERRUPTIBLE POWER SUPPLY	[Symbol]

- CONSTRUCTION NOTES:
- INSTALL NEW SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED, INSTALL NEW 5/C CABLE.
 - REMOVE EXISTING SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED, REPLACE WITH NEW SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED. RE-USE ALL EXISTING CABLES.
 - REMOVE EXISTING OPTICALLY PROGRAMMED SIGNAL HEADS, 1-FACE, 3-SECTION, MAST ARM MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED. RE-USE ALL EXISTING CABLES.
 - REMOVE EXISTING OPTICALLY PROGRAMMED SIGNAL HEADS, 1-FACE, 3-SECTION, BRACKET MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED. RE-USE ALL EXISTING CABLES.
 - REMOVE EXISTING SIGNAL HEADS, 2-FACE, 2-3 SECTION, OPTICALLY PROGRAMMED, BRACKET MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 2-FACE, 1-3 SECTION, 1-5 SECTION, OPTICALLY PROGRAMMED, BRACKET MOUNTED. REMOVE 1-5/C CABLE FROM EXISTING CONDUITS AND HANDHOLES THAT ARE TO REMAIN IN USE. INSTALL NEW 1-7/C CABLE.
 - REMOVE EXISTING SIGNAL HEADS, 2-FACE, 1-3 SECTION, OPTICALLY PROGRAMMED, 1-5 SECTION, BRACKET MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 2-FACE, 3-SECTION, BRACKET MOUNTED. RE-USE ALL EXISTING CABLES.
 - REMOVE EXISTING SIGNAL HEADS, 3-FACE, 1-3 SECTION, OPTICALLY PROGRAMMED, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 3-FACE, 3 SECTION, BRACKET MOUNTED. RE-USE ALL EXISTING CABLES.
 - REMOVE EXISTING SIGNAL HEADS, 3-FACE, 1-3 SECTION, OPTICALLY PROGRAMMED, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 3-FACE, 2-3 SECTION, 1-5 SECTION, BRACKET MOUNTED. RE-USE ALL EXISTING CABLES.
 - INSTALL UNINTERRUPTIBLE POWER SUPPLY (UPS).
 - 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 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.

- 4 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 4 EACH OPTICALLY PROGRAMMED SIGNAL HEAD 1-FACE, 3-SECTION
- 2 EACH SIGNAL HEAD, 2-FACE, 2-3 SECTION, OPTICALLY PROGRAMMED
- 1 EACH SIGNAL HEAD, 2-FACE, 1-3 SECTION, OPTICALLY PROGRAMMED, 1-4 SECTION
- 1 EACH SIGNAL HEAD, 3-FACE, 1-3 SECTION, OPTICALLY PROGRAMMED, 1-3 SECTION, 1-4 SECTION
- 1 EACH SIGNAL HEAD, 3-FACE, 1-3 SECTION, OPTICALLY PROGRAMMED, 1-4 SECTION, 1-5 SECTION
- 7 EACH TRAFFIC SIGNAL BACKPLATE



NOTE: THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM 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 SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

FILE NAME =	USER NAME = FPAICONE	DESIGNED - ABR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN ARLINGTON HEIGHTS ROAD AND PALATINE ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\M001\Arington @ Palatine.dgn		DRAWN - FPB / FCP	REVISED -			VAR	2009-007-TS	COOK	30	4
		CHECKED - MJT	REVISED -	SCALE: 1" = 20'		SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 60G03		
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

PROFILE SURVEYED BY DATE
 GRADES CHECKED BY DATE
 B.M. NOTED BY DATE
 STRUCTURE NOTATIONS DRAWN BY DATE
 PLAN NOTE BOOK NO. CHECKED BY DATE
 ADD FILE NAME
 CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500
 H:\Data\08090401\Task S - EE Northwest Cook Safety\Task S - Arlington @ Palatine\MDI - Arlington @ Palatine.dgn