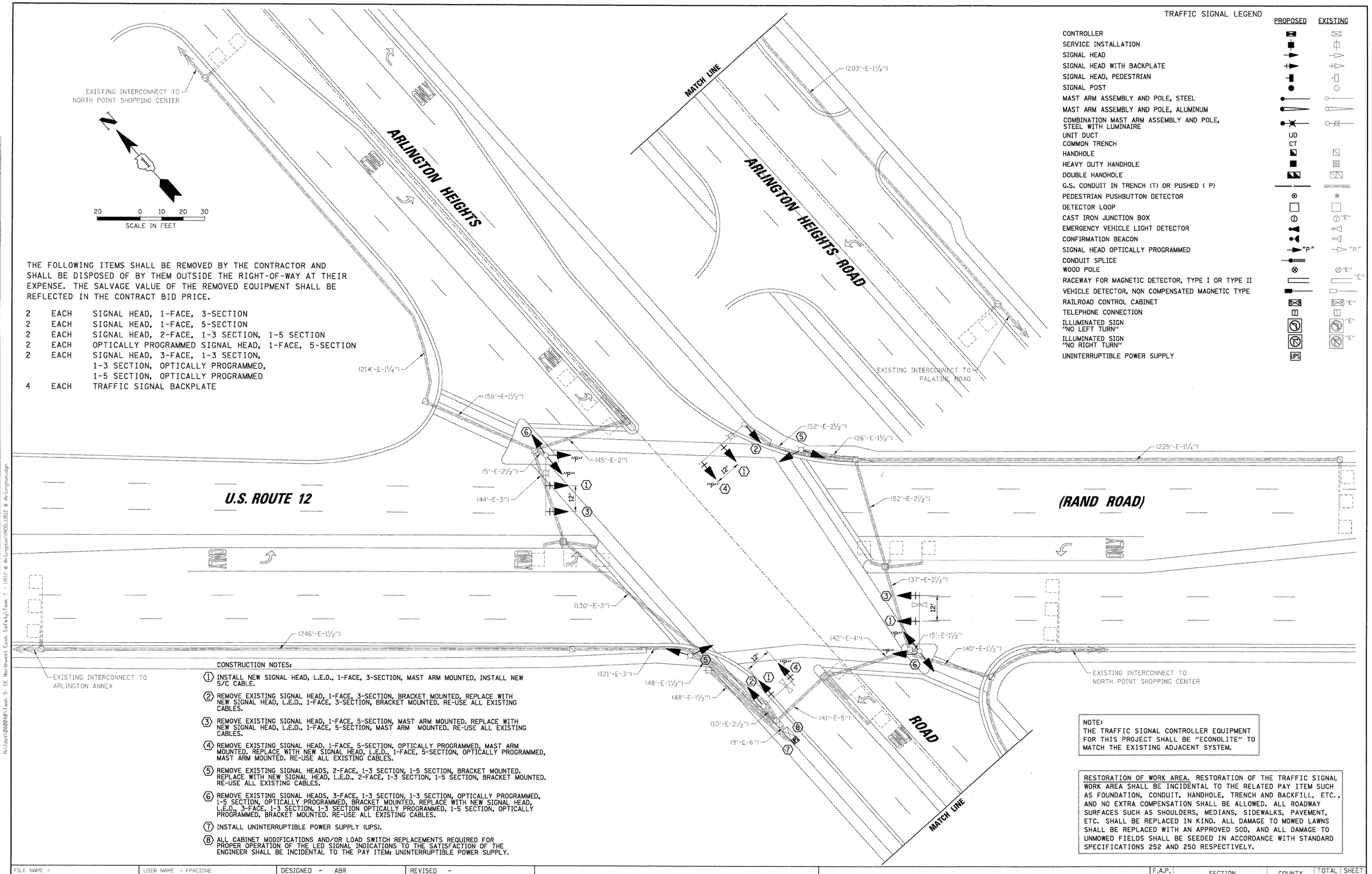

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

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

CONSTRUCTION NOTES:

1. INSTALL NEW SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED, INSTALL NEW 5/C CABLE.
2. REMOVE EXISTING SIGNAL HEAD, 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.
3. REMOVE EXISTING SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED. RE-USE ALL EXISTING CABLES.
4. REMOVE EXISTING SIGNAL HEAD, 1-FACE, 5-SECTION, OPTICALLY PROGRAMMED, MAST ARM MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, OPTICALLY PROGRAMMED, MAST ARM MOUNTED. RE-USE ALL EXISTING CABLES.
5. REMOVE EXISTING SIGNAL HEADS, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED. RE-USE ALL EXISTING CABLES.
6. REMOVE EXISTING SIGNAL HEADS, 3-FACE, 1-3 SECTION, 1-3 SECTION, OPTICALLY PROGRAMMED, 1-5 SECTION, OPTICALLY PROGRAMMED, BRACKET MOUNTED. REPLACE WITH NEW SIGNAL HEAD, L.E.D., 3-FACE, 1-3 SECTION, 1-3 SECTION OPTICALLY PROGRAMMED, 1-5 SECTION, OPTICALLY PROGRAMMED, BRACKET MOUNTED. RE-USE ALL EXISTING CABLES.
7. INSTALL UNINTERRUPTIBLE POWER SUPPLY (UPS).
8. ALL CABINET MODIFICATIONS AND/OR LOAD SWITCH REPLACEMENTS REQUIRED FOR PROPER OPERATION OF THE LED SIGNAL INDICATIONS TO THE SATISFACTION OF THE ENGINEER SHALL BE INCIDENTAL TO THE PAY ITEM: UNINTERRUPTIBLE POWER SUPPLY.

TRAFFIC SIGNAL LEGEND

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

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 SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / GRADES CHECKED / R.O.W. CHECKED / STRUCTURE NOTATIONS CHKD / FLOOD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / ALIGNMENT CHECKED / GRADES CHECKED / R.O.W. CHECKED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

N:\Jobs\02024\B\Task 5 - IE Northwest Cook Safety\Task 7 - ITS\P & Arlington\MOD_US12 & Arlington.dgn

FILE NAME = ...\MOD_US12 & Arlington.dgn	USER NAME = FPACIONE	DESIGNED - ABR	REVISED -
		DRAWN - FPB / FCP	REVISED -
	PLOT SCALE = 20'	CHECKED - MJT	REVISED -
	PLOT DATE = 1/22/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
U.S. ROUTE 12 (RAND ROAD) AND ARLINGTON HEIGHTS ROAD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2009-007-TS	COOK	30	10

CONTRACT NO. 60G03

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT