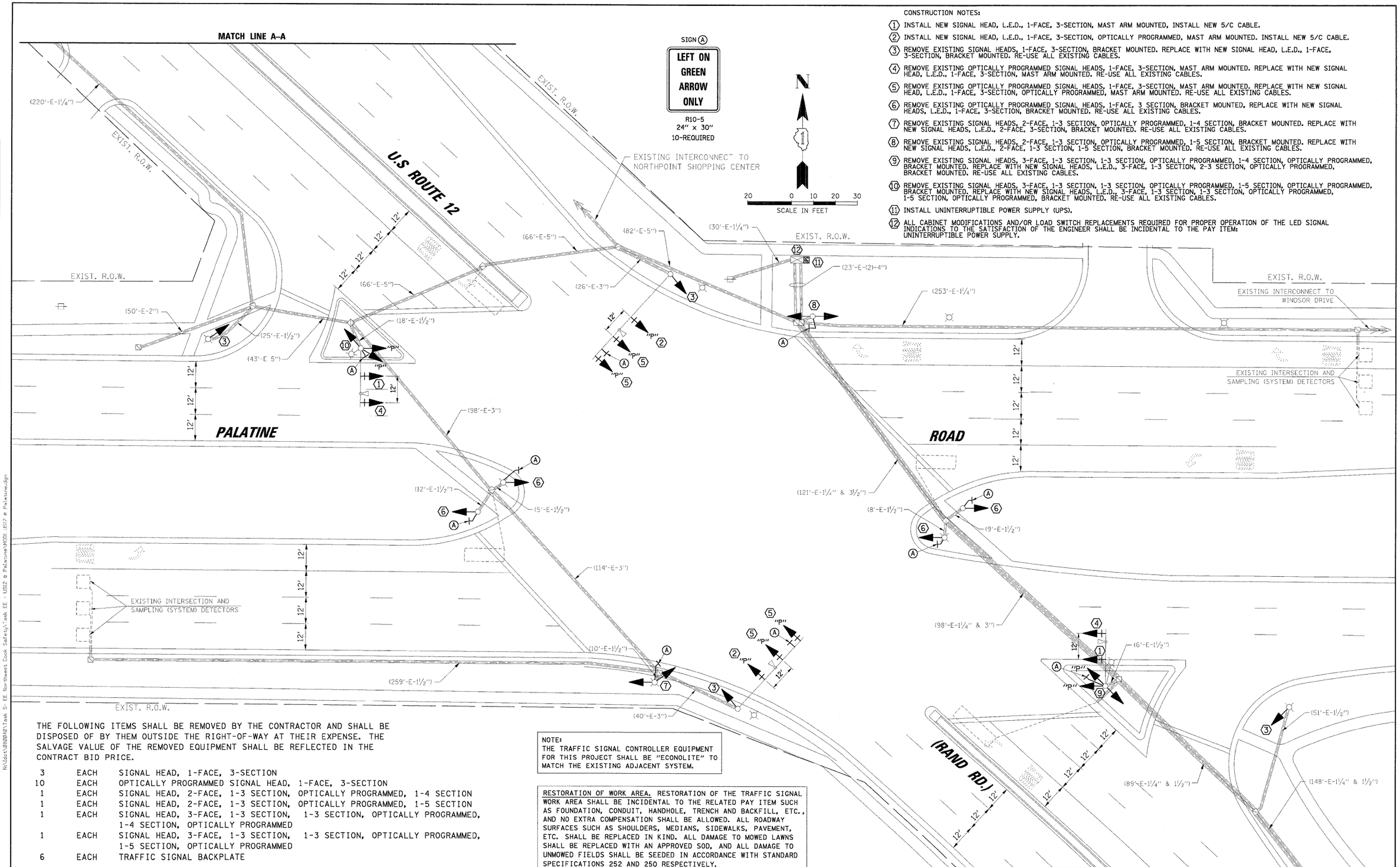
CONSTRUCTION NOTES:

1. INSTALL NEW SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED, INSTALL NEW 5/C CABLE.
2. INSTALL NEW SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, OPTICALLY PROGRAMMED, MAST ARM MOUNTED. INSTALL NEW 5/C CABLE.
3. REMOVE EXISTING 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.
4. 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.
5. 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, OPTICALLY PROGRAMMED, MAST ARM MOUNTED. RE-USE ALL EXISTING CABLES.
6. REMOVE EXISTING OPTICALLY PROGRAMMED SIGNAL HEADS, 1-FACE, 3 SECTION, BRACKET MOUNTED, REPLACE WITH NEW SIGNAL HEADS, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED. RE-USE ALL EXISTING CABLES.
7. REMOVE EXISTING SIGNAL HEADS, 2-FACE, 1-3 SECTION, OPTICALLY PROGRAMMED, 1-4 SECTION, BRACKET MOUNTED. REPLACE WITH NEW SIGNAL HEADS, L.E.D., 2-FACE, 3-SECTION, BRACKET MOUNTED. RE-USE ALL EXISTING CABLES.
8. REMOVE EXISTING SIGNAL HEADS, 2-FACE, 1-3 SECTION, OPTICALLY PROGRAMMED, 1-5 SECTION, BRACKET MOUNTED. REPLACE WITH NEW SIGNAL HEADS, L.E.D., 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED. RE-USE ALL EXISTING CABLES.
9. REMOVE EXISTING SIGNAL HEADS, 3-FACE, 1-3 SECTION, 1-3 SECTION, OPTICALLY PROGRAMMED, 1-4 SECTION, OPTICALLY PROGRAMMED, BRACKET MOUNTED. REPLACE WITH NEW SIGNAL HEADS, L.E.D., 3-FACE, 1-3 SECTION, 2-3 SECTION, OPTICALLY PROGRAMMED, BRACKET MOUNTED. RE-USE ALL EXISTING CABLES.
10. 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 HEADS, 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.
11. INSTALL UNINTERRUPTIBLE POWER SUPPLY (UPS).
12. 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.



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.

3	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
10	EACH	OPTICALLY PROGRAMMED SIGNAL HEAD, 1-FACE, 3-SECTION
1	EACH	SIGNAL HEAD, 2-FACE, 1-3 SECTION, OPTICALLY PROGRAMMED, 1-4 SECTION
1	EACH	SIGNAL HEAD, 2-FACE, 1-3 SECTION, OPTICALLY PROGRAMMED, 1-5 SECTION
1	EACH	SIGNAL HEAD, 3-FACE, 1-3 SECTION, 1-3 SECTION, OPTICALLY PROGRAMMED, 1-4 SECTION, OPTICALLY PROGRAMMED
1	EACH	SIGNAL HEAD, 3-FACE, 1-3 SECTION, 1-3 SECTION, OPTICALLY PROGRAMMED, 1-5 SECTION, OPTICALLY PROGRAMMED
6	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 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: NOTE BOOK NO. ___ SURVEYED ___ PLOTTED ___ ALIGNMENT CHECKED ___ CADD FILE CHECKED ___ CADD FILE NAME ___ BY ___ DATE ___

PROFILE: NOTE BOOK NO. ___ SURVEYED ___ PLOTTED ___ GRADES CHECKED ___ B.M. NOTED ___ STRUCTURE NOTATIONS CHKD ___ BY ___ DATE ___

N:\dcs\0980R4\Task 5- EE Northwest Cook Safety\Task EE - US12 @ Palatine\M001_US12 @ Palatine.dgn

FILE NAME = ...\M001_US12 @ Palatine.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 RD.) AND PALATINE 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	7
		CONTRACT NO. 60G03		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		