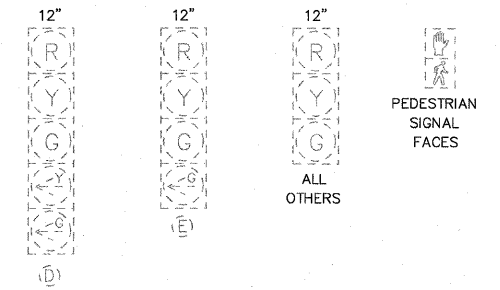
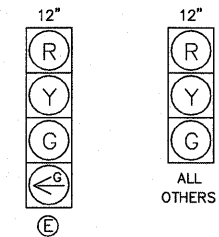


NOTE 1: EXISTING SIGNAL HEADS AND BACKPLATES TO BE RE-USED



EXISTING TRAFFIC SIGNAL FACES



PROPOSED TRAFFIC SIGNAL FACES

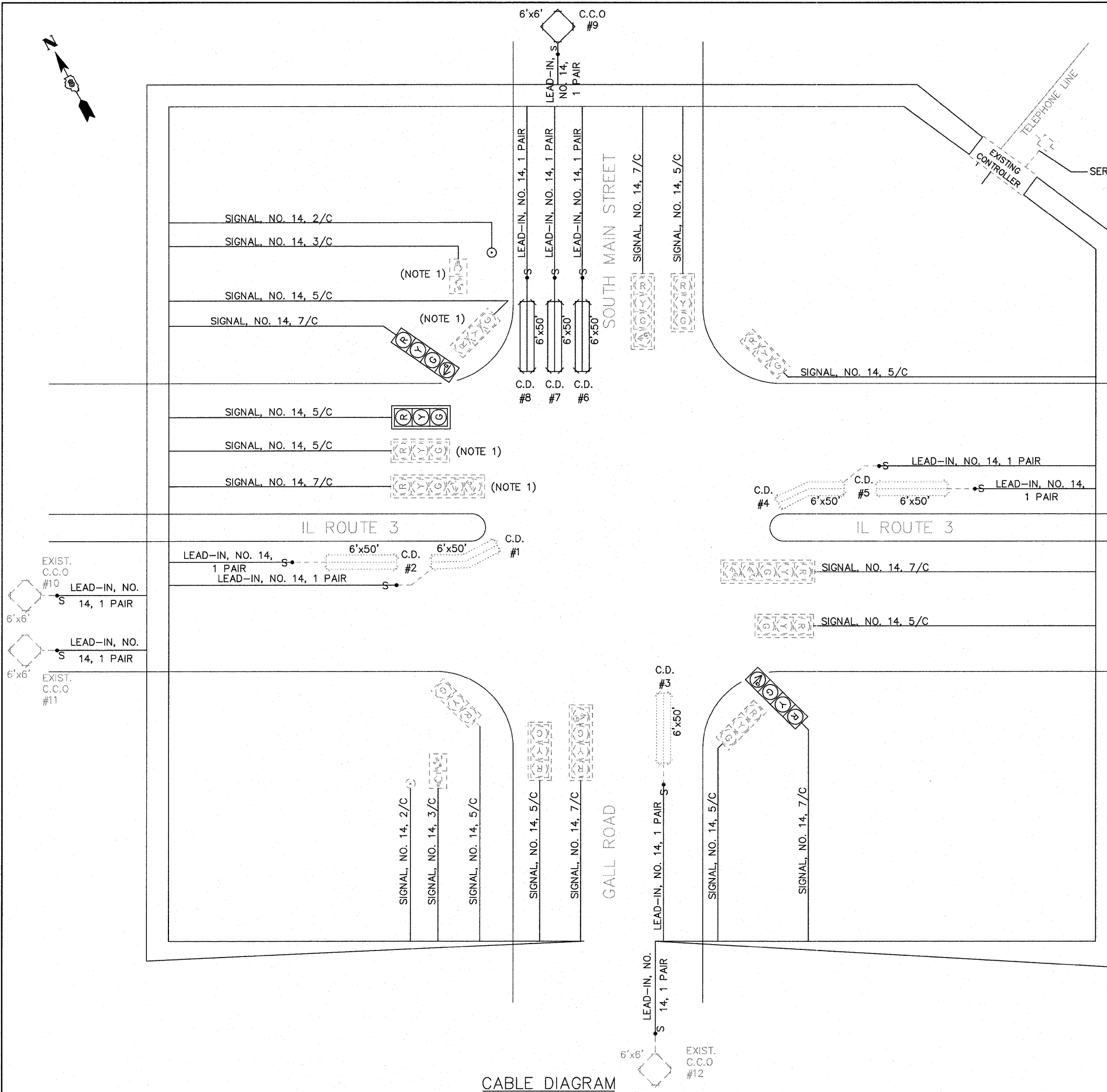
CABLE DIAGRAM LEGEND

- PROPOSED ELECTRIC CABLE IN CONDUIT
- S— PROPOSED CABLE SPLICE (SEE ELECTRICAL GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- C.D. CALL DELAY (SEE ELECTRICAL GENERAL NOTES)
- C.C.O. CALL CARRY OVER (SEE ELECTRICAL GENERAL NOTES)
- NO. 6 INDICATES AMERICAN WIRE (AWG) SIZE 6
- #6 LOOP DETECTOR NUMBER
- PROPOSED PEDESTRIAN PUSH BUTTON
- EXISTING ELECTRIC CABLE IN CONDUIT
- S--- EXISTING CABLE SPLICE (SEE ELECTRICAL GENERAL NOTES)
- EXISTING PEDESTRIAN PUSH BUTTON
- EXISTING SERVICE INSTALLATION

SOUTH MAIN STREET @ IL ROUTE 3

LOOP #	DIRECTION	PHASE	LOOP SIZE (FOOT)	REQUIRED NUMBER OF TURNS	LEAD-IN CABLE LENGTH (FOOT)	CALCULATED INDUCTANCE (microhenries)	CALCULATED RESISTANCE (ohms)
1	SB LT	5	6' X 50'				
2	SB LT	5	6' X 50'				
3	EB LT / THRU	4	6' X 50'				
4	NB LT	1	6' X 50'				
5	NB LT	1	6' X 50'				
6	WB LT	3	6' X 50'	3 - 6 - 3	178	825	2.48
7	WB THRU	3	6' X 50'	3 - 6 - 3	205	831	2.62
8	WB RT	3	6' X 50'	3 - 6 - 3	219	834	2.69
9	WB C.C.O.	3	6' X 6'	5	324	240	1.92
10	SB C.C.O.	2	6' X 6'				
11	SB C.C.O.	2	6' X 6'				
12	EB C.C.O.	4	6' X 6'				
13	NB C.C.O.	6	6' X 6'				
14	NB C.C.O.	6	6' X 6'				

THE ABOVE VALUES ARE CALCULATIONS OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN 20% OF THESE VALUES.



CABLE DIAGRAM

FILE NAME =	USER NAME = randy	DESIGNED - TLC	REVISED -
h:\p\28013\microstation\oad sheets\0822013-ah-t-ta.dgn		DRAWN - RGV	REVISED -
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 7/28/2011		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS

SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9302	08-00047-00-PV	MONROE	25	16
S MAIN ST RECONSTRUCTION		CONTRACT NO. 97467		
ILLINOIS FED. AID PROJECT				