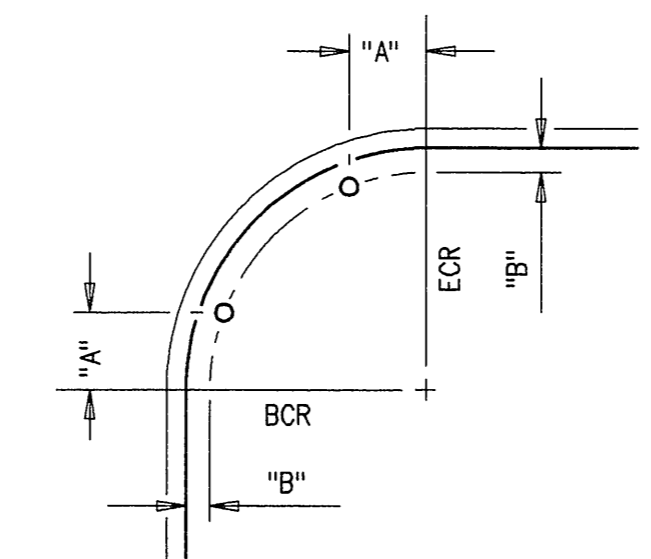


CABLE /A.W.G.	POLE AND/OR CIRCUIT	CONDUCTOR SCHEDULE									
		RUNS									
		1	2	3	4	5	6	7	8	9	10
12 CSC	1 01. 06. 06P. OLA	2(N)	2(N)	2(N)	2(N)	-	-	-	-	-	-
	2 07. 08. 08P	-	1(N)	1(N)	1(N)	-	-	-	-	-	-
	3 07. 04. 04P	-	-	1	1	-	-	-	-	-	-
	4 05. 06. 06P. OLA	-	-	-	2	-	-	-	-	-	-
	5 02. 05. 02P. OLB	-	-	-	-	2	2	-	-	-	-
	6 03. 04. 04P	-	-	-	-	1	1	1	-	-	-
	7 03. 08. 08P	-	-	-	-	1	1	1	1	-	-
	8 01. 02. 02P. OLB	-	-	-	-	2	2	2	2	2	-
TOTAL		2(N)	3(N)	1/3(N)	3/3(N)	6	6	4	3	2	-
3 CSC	1 08 PPB	1(N)	1(N)	1(N)	1(N)	-	-	-	-	-	-
	2 06 PPB	-	1(N)	1(N)	1(N)	-	-	-	-	-	-
	3 06 PPB	-	-	1	1	-	-	-	-	-	-
	4 04 PPB	-	-	-	1	-	-	-	-	-	-
	5 04 PPB	-	-	-	-	1	1	-	-	-	-
	6 02 PPB	-	-	-	-	1	1	1	-	-	-
	7 02 PPB	-	-	-	-	1	1	1	1	-	-
	8 08 PPB	-	-	-	-	1	1	1	1	1	-
TOTAL		1(N)	2(N)	1/2(N)	2/2(N)	4	4	3	2	1	-
#12	I. I. S. N. S.	2(N)	2(N)	2	-	-	2	2	2	-	4
	P. E. CONTROL	3(N)	3(N)	3	-	-	3	3	3	-	6
	TOTAL	5(N)	5(N)	5	-	-	5	5	5	-	10
DLC	01 DET.	-	-	-	1(N)	-	-	-	-	-	-
	02 DET.	-	-	-	-	4	4	4	4	-	-
	03 DET.	-	2(N)	2(N)	2(N)	-	-	-	-	-	-
	04 DET.	-	-	-	-	2	2	2	-	-	-
	05 DET.	-	-	-	-	1	1	1	1	1	-
	06 DET.	-	-	-	-	3(N)	-	-	-	-	-
	07 DET.	-	-	-	-	1	1	1	-	-	-
	08 DET.	-	3(N)	3(N)	3(N)	-	-	-	-	-	-
TOTAL		5(N)	5(N)	9(N)	8	8	8	5	5	-	
* EMERG. PRE-EMPT.	1(N)	1(N)	2(N)	2(N)	2	2	1	1	-	-	
#8 LUMINAIRE	2(N)	2(N)	2	-	-	2	2	2	-	4	
#6 SERVICE	-	-	-	-	-	-	-	-	2	2	
CONDUIT SIZE (INCH)		3(N)	3(N)	3	4	4	3	3	3	2	2

ALL CONDUIT, CONDUCTORS AND CABLES ARE EXISTING UNLESS OTHERWISE SPECIFIED.
 (N) = NEW CONDUIT, CABLES OR CONDUCTORS TO BE INSTALLED AND/OR ADDED.
 * 3#20 AWG CABLE WITH DRAIN WIRE.

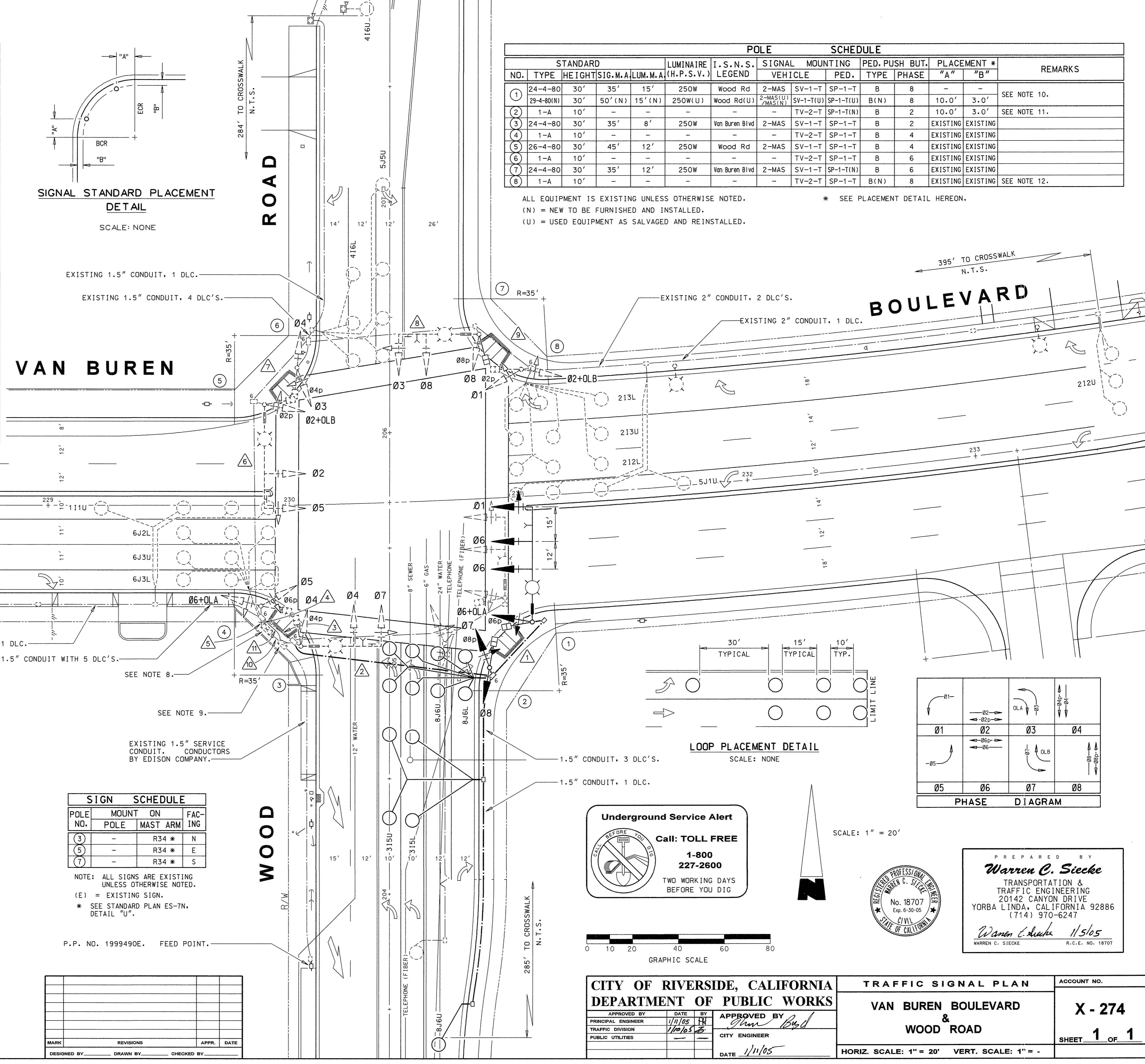


SIGNAL STANDARD PLACEMENT
 DETAIL
 SCALE: NONE

NO.	TYPE	POLE SCHEDULE										REMARKS		
		STANDARD				LUMINAIRE (H.P.S.V.)	I. S. N. S. LEGEND	SIGNAL VEHICLE	MOUNTING PED.	PED. PUSH BUT.	PLACEMENT #			
		HEIGHT	SIG. M.A.	LUM. M.A.	(H.P.S.V.)						"A"		"B"	
1	24-4-80	30'	35'	15'	250W	Wood Rd	2-MAS	SV-1-T	SP-1-T	B	8	-	-	SEE NOTE 10.
2	24-4-80(N)	30'	50' (N)	15' (N)	250W(U)	Wood Rd(U)	2-MAS(U)	SV-1-T(U)	SP-1-T(U)	B(N)	8	10.0'	3.0'	SEE NOTE 11.
3	1-A	10'	-	-	-	-	-	TV-2-T	SP-1-T(N)	B	2	10.0'	3.0'	SEE NOTE 11.
4	24-4-80	30'	35'	8'	250W	Van Buren Blvd	2-MAS	SV-1-T	SP-1-T	B	2	EXISTING	EXISTING	
5	1-A	10'	-	-	-	-	-	TV-2-T	SP-1-T	B	4	EXISTING	EXISTING	
6	26-4-80	30'	45'	12'	250W	Wood Rd	2-MAS	SV-1-T	SP-1-T	B	4	EXISTING	EXISTING	
7	1-A	10'	-	-	-	-	-	TV-2-T	SP-1-T	B	6	EXISTING	EXISTING	
8	24-4-80	30'	35'	12'	250W	Van Buren Blvd	2-MAS	SV-1-T	SP-1-T(N)	B	6	EXISTING	EXISTING	
9	1-A	10'	-	-	-	-	-	TV-2-T	SP-1-T	B(N)	8	EXISTING	EXISTING	SEE NOTE 12.

ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE NOTED.
 (N) = NEW TO BE FURNISHED AND INSTALLED.
 (U) = USED EQUIPMENT AS SALVAGED AND REINSTALLED.

* SEE PLACEMENT DETAIL HEREON.

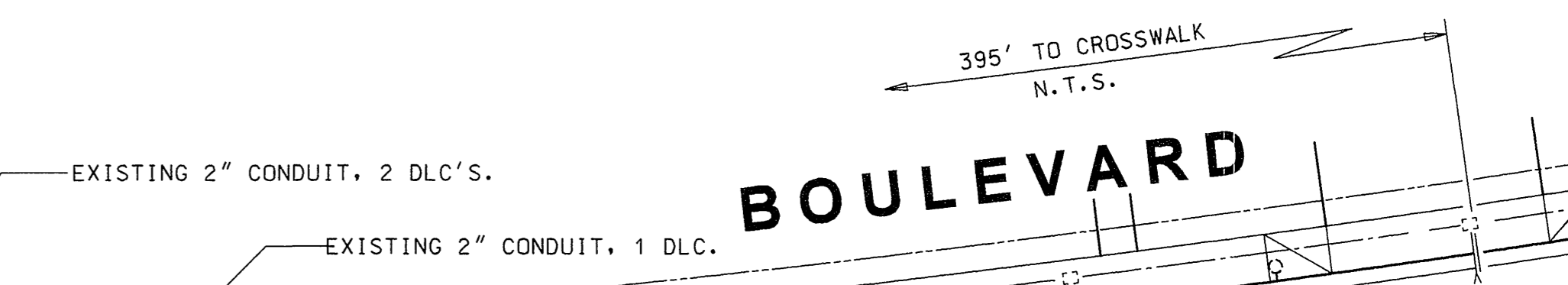


- NOTES**
- ALL MATERIAL AND WORK SHALL CONFORM TO THE JULY 2002 STANDARD PLANS AND SPECIFICATIONS OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION.
 - THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS ON THE JOB SITE. HAND DIG FOUNDATIONS UNTIL CLEAR OF OBSTRUCTIONS. PHONE UNDERGROUND SERVICE ALERT AT (800) 227-2600, 48 HOURS IN ADVANCE OF WORK.
 - OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATIONS PRIOR TO FINAL PLACEMENT. PERFORM STRIPING REVISIONS PRIOR TO LOOP DETECTOR LAYOUT.
 - ALL SIGNAL HEADS SHALL BE METAL. ALL LENSES SHALL BE GLASS. ALL VEHICULAR DISPLAYS SHALL HAVE 12" SECTIONS. ALL BACK PLATES SHALL BE LOUVERED. ALL PEDESTRIAN AND VEHICULAR DISPLAYS SHALL BE LED TYPE PER THE CONTRACT SPECIAL PROVISIONS.
 - ALL LOOPS SHALL BE 6' ROUND WITH SPACING AS DETAILED HEREON.
 - CONDUIT SHALL BE RIGID METALLIC. MINIMUM CONDUIT SIZE SHALL BE 2 INCH UNLESS OTHERWISE SPECIFIED. ALL CONDUIT UNDER PAVING SHALL BE INSTALLED WITHOUT OPEN CUTTING.
 - THE CONTRACTOR SHALL MAINTAIN OPERATION OF SIGNALS AND LIGHTING DURING CONSTRUCTION. TEMPORARY WIRING AND SIGNALS SHALL BE PROVIDED AS NEEDED TO KEEP THE SIGNALS AND LIGHTING IN CONTINUOUS OR NORMAL OPERATION.
 - EXISTING TYPE 170 CONTROLLER ASSEMBLY COMPLETE WITH MODEL 332 CABINET. SEE CONTRACT SPECIAL PROVISIONS.
 - EXISTING 120/240 VOLT TYPE III-CF SERVICE PEDESTAL WITH THE FOLLOWING 120 VOLT CIRCUIT BREAKERS: ONE 50 AMPERE (FOR TRAFFIC SIGNALS), ONE 20 AMPERE (FOR I.S.N.S.), ONE 15 AMPERE (FOR IISNS PE CONTROL), ONE 15 AMPERE (FOR LUMINAIRE PE CONTROL), ONE 20 AMPERE (ADVANCE FLASHER), AND ONE 30 AMPERE (INTERSECTION SAFETY LIGHTING).
 - INSTALL NEW POLE ASSEMBLY AND INSTALL NEW AND USED EQUIPMENT AS NOTED INCLUDING SIGN AND PRE-EMPTION SENSOR. SALVAGE EXISTING POLE ASSEMBLY AND REMOVE EXISTING FOUNDATION COMPLETE.
 - CONSTRUCT NEW FOUNDATION AND RELOCATE EXISTING POLE ASSEMBLY AS SHOWN. INSTALL NEW EQUIPMENT AS NOTED AND REMOVE EXISTING FOUNDATION COMPLETE.
 - INSTALL NEW EQUIPMENT AS NOTED.
 - SYMBOL > DENOTES MODEL 521 EMERGENCY VEHICLE PRE-EMPTION SENSOR UNIT.

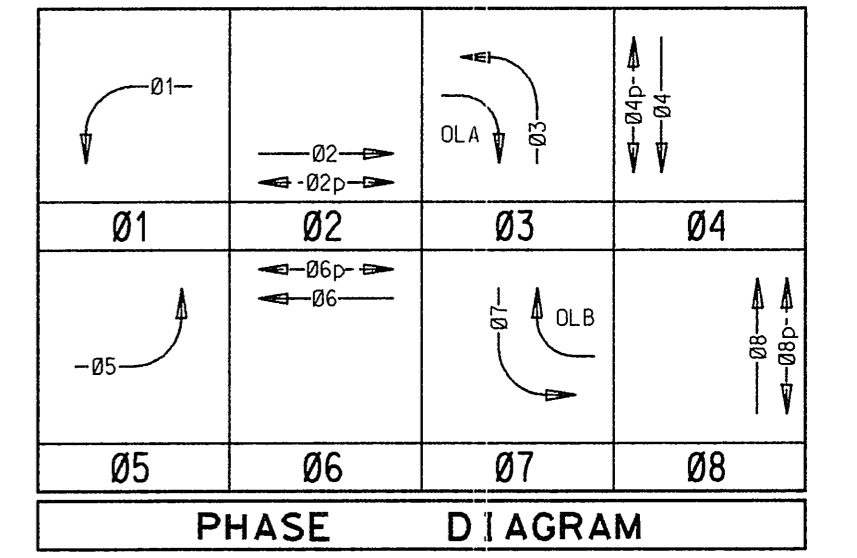
SIGN SCHEDULE			
POLE NO.	MOUNT ON POLE	ON MAST ARM	FACING
3	-	R34 *	N
5	-	R34 *	E
7	-	R34 *	S

NOTE: ALL SIGNS ARE EXISTING UNLESS OTHERWISE NOTED.
 (E) = EXISTING SIGN.
 * SEE STANDARD PLAN ES-7N, DETAIL "U".

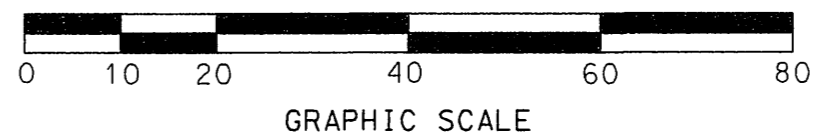
MARK	REVISIONS	APPR.	DATE



LOOP PLACEMENT DETAIL
 SCALE: NONE



Underground Service Alert
 Call: TOLL FREE 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG



CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature] DATE: 1/11/05
 TRAFFIC DIVISION
 PUBLIC UTILITIES

TRAFFIC SIGNAL PLAN
VAN BUREN BOULEVARD & WOOD ROAD

ACCOUNT NO. X-274
 SHEET 1 OF 1

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = -

PREPARED BY
Warren C. Siecke
 TRANSPORTATION & TRAFFIC ENGINEERING
 20142 CANYON DRIVE
 YORBA LINDA, CALIFORNIA 92886
 (714) 970-6247

Warren C. Siecke 1/11/05
 R.C.E. NO. 18707