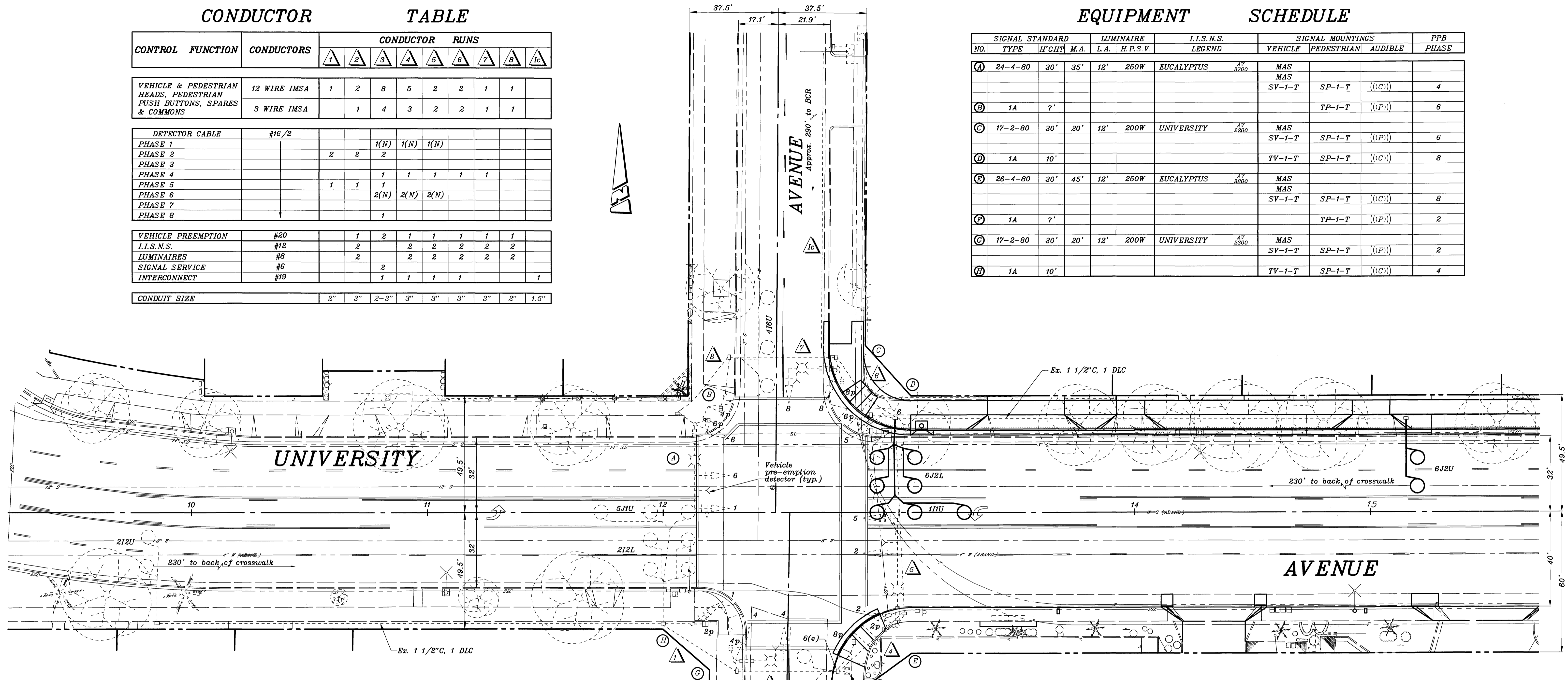


CONDUCTOR TABLE

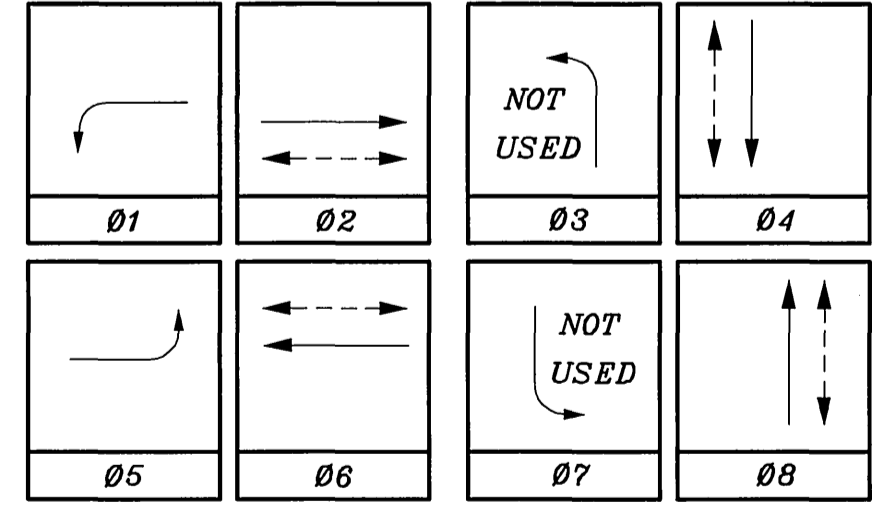
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS								
		1	2	3	4	5	6	7	8	9
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA	1	2	8	5	2	2	1	1	
	3 WIRE IMSA		1	4	3	2	2	1	1	
DETECTOR CABLE	#16/2									
PHASE 1				1(N)	1(N)	1(N)				
PHASE 2		2	2	2						
PHASE 3										
PHASE 4				1	1	1	1	1		
PHASE 5		1	1	1						
PHASE 6				2(N)	2(N)	2(N)				
PHASE 7										
PHASE 8				1						
VEHICLE PREEMPTION	#20	1	2	1	1	1	1	1		
I.I.S.N.S.	#12	2	2	2	2	2	2	2		
LUMINAIRES	#8	2	2	2	2	2	2	2		
SIGNAL SERVICE	#6	2								
INTERCONNECT	#19	1	1	1	1	1			1	
CONDUIT SIZE		2"	3"	2-3"	3"	3"	3"	3"	2"	1.5"

EQUIPMENT SCHEDULE

NO.	SIGNAL STANDARD		LUMINAIRE		I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS			PPB PHASE	
	TYPE	H'GHT	M.A.	L.A.		H.P.S.V.	VEHICLE	PEDESTRIAN		AUDIBLE
A	24-4-80	30'	35'	12'	250W	EUCALYPTUS	AV 3700	MAS		
								MAS		
								SV-1-T	SP-1-T	((C))
B	1A	7'							TP-1-T	((P))
C	17-2-80	30'	20'	12'	200W	UNIVERSITY	AV 2300	MAS		
								SV-1-T	SP-1-T	((P))
D	1A	10'							TV-1-T	SP-1-T
E	26-4-80	30'	45'	12'	250W	EUCALYPTUS	AV 3800	MAS		
								MAS		
								SV-1-T	SP-1-T	((C))
F	1A	7'							TP-1-T	((P))
G	17-2-80	30'	20'	12'	200W	UNIVERSITY	AV 2300	MAS		
								SV-1-T	SP-1-T	((P))
H	1A	10'							TV-1-T	SP-1-T



PHASE DIAGRAM



FLASHING OPERATION SHALL BE ALL RED.

PAVEMENT DELINEATION

- INDICATES PAVEMENT DELINEATION TO BE INSTALLED.
- INDICATES PAVEMENT DELINEATION TO REMAIN.
- INDICATES PAVEMENT DELINEATION TO BE REMOVED.

GENERAL NOTES

- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- ALL PAVEMENT DELINEATION REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN ON.
- TYPICAL DETECTOR LOOP SPACING: 10' AND 15' (WHERE APPLICABLE).
- SEE PLAN R-3606 FOR STREET IMPROVEMENTS.
- SEE PLAN XL-385A FOR PAVEMENT DELINEATION.

IMPORTANT NOTICE
 Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be stamped before a "Permit to Excavate" will be valid. For your Dig Alert I.D. Number call CALL TOLL FREE TWO WORKING DAYS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

ENGINEER IN RESPONSIBLE CHARGE
 THOMAS JOHN BOYD
 R.C.E. No. 36170 expires 6/30/03
 DATE: 6/13/06

REGISTERED PROFESSIONAL ENGINEER
 THOMAS JOHN BOYD
 No. 36170
 Exp. 06-30-2003
 CIVIL
 STATE OF CALIFORNIA

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS
 APPROVED BY: [Signature] DATE: 6/16/06
 TRAFFIC DIVISION: [Signature] DATE: 6/16/06
 PUBLIC UTILITIES: [Signature] DATE: 6/16/06

TRAFFIC SIGNAL MODIFICATION UNIVERSITY AVENUE AND EUCALYPTUS AVENUE
 ACCT. NO. X-127A
 SHEET 1 OF 1
 FILE NAME: X127A.DWG
 SCALE: 1" = 20'

CONDUCTOR TABLE

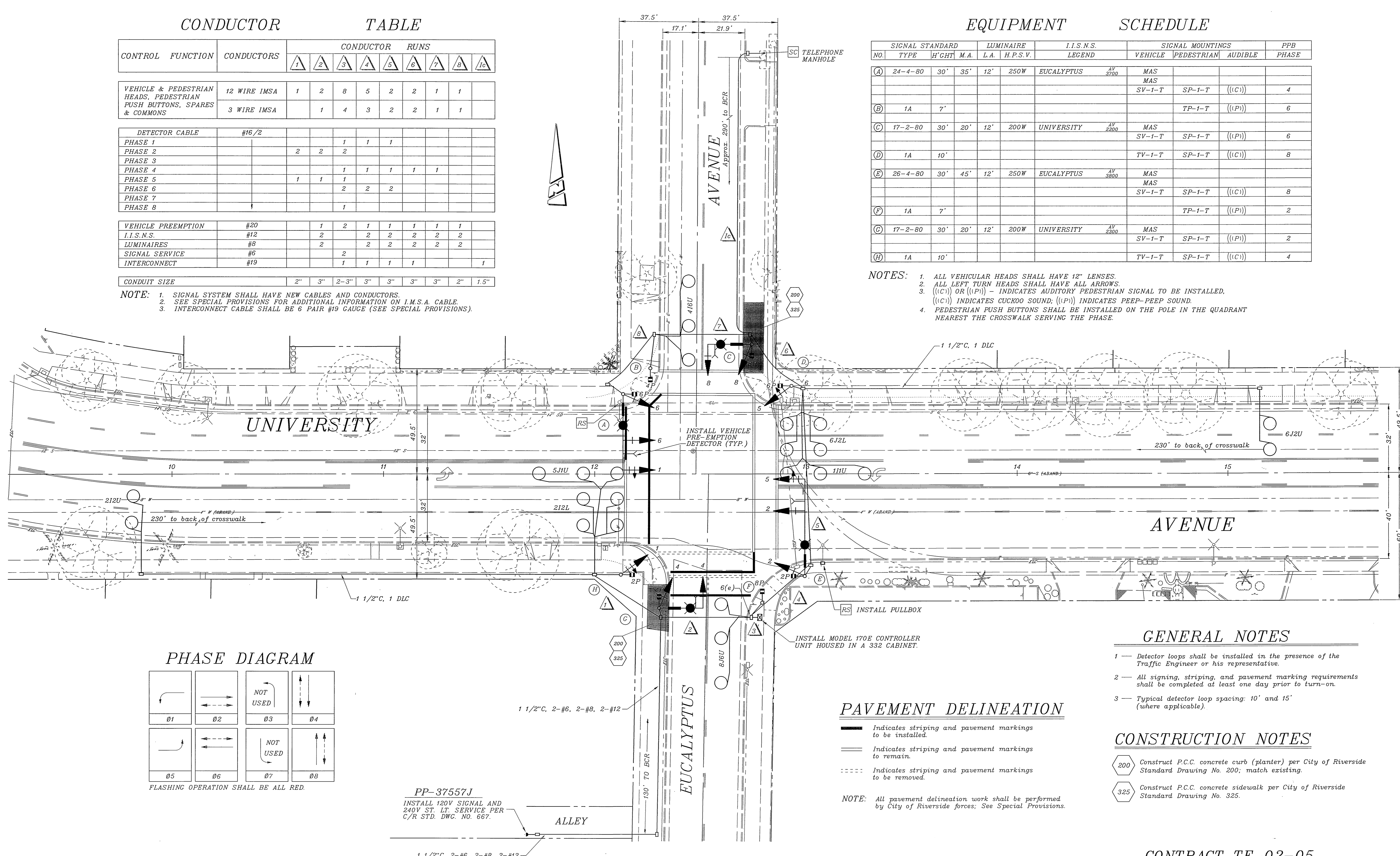
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS								
		1	2	3	4	5	6	7	8	1c
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA	1	2	8	5	2	2	1	1	
	3 WIRE IMSA		1	4	3	2	2	1	1	
DETECTOR CABLE #16/2										
PHASE 1				1	1	1				
PHASE 2		2	2	2						
PHASE 3										
PHASE 4				1	1	1	1	1		
PHASE 5		1	1	1						
PHASE 6				2	2	2				
PHASE 7										
PHASE 8				1						
VEHICLE PREEMPTION	#20		1	2	1	1	1	1	1	
I.I.S.N.S.	#12		2		2	2	2	2	2	
LUMINAIRES	#8		2		2	2	2	2	2	
SIGNAL SERVICE	#6			2						
INTERCONNECT	#19			1	1	1	1			1
CONDUIT SIZE		2"	3"	2-3"	3"	3"	3"	3"	2"	1.5"

NOTE: 1. SIGNAL SYSTEM SHALL HAVE NEW CABLES AND CONDUCTORS.
 2. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A. CABLE.
 3. INTERCONNECT CABLE SHALL BE 6 PAIR #19 GAUGE (SEE SPECIAL PROVISIONS).

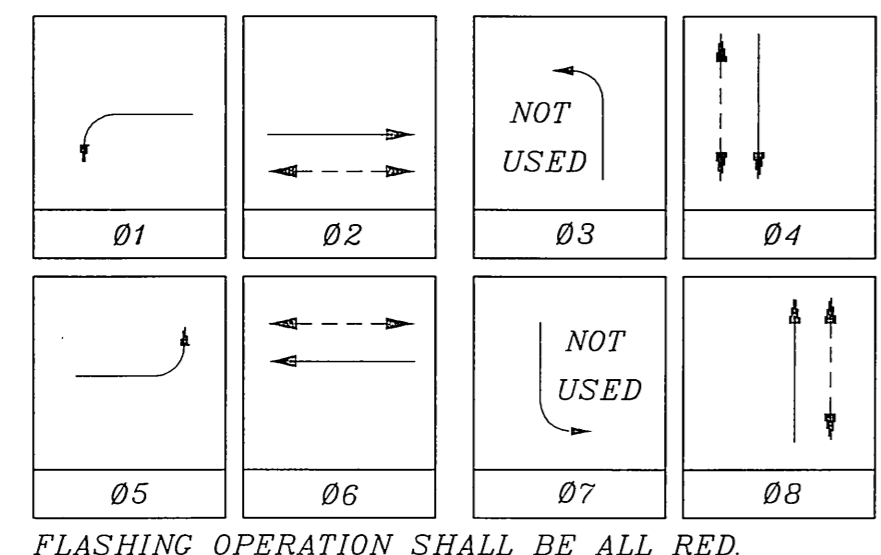
EQUIPMENT SCHEDULE

SIGNAL STANDARD NO.	TYPE	HEIGHT	M.A.	L.A.	H.P.S.V.	I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS			PPB PHASE	
							VEHICLE	PEDESTRIAN	AUDIBLE		
(A)	24-4-80	30'	35'	12'	250W	EUCALYPTUS	AV 3700	MAS			
								MAS			
								SV-1-T	SP-1-T	((IC))	4
(B)	1A	7'							TP-1-T	((PI))	6
(C)	17-2-80	30'	20'	12'	200W	UNIVERSITY	AV 2300	MAS			
								SV-1-T	SP-1-T	((IC))	6
(D)	1A	10'							TV-1-T	SP-1-T	((IC))
(E)	26-4-80	30'	45'	12'	250W	EUCALYPTUS	AV 3800	MAS			
								MAS			
								SV-1-T	SP-1-T	((IC))	8
(F)	1A	7'							TP-1-T	((PI))	2
(G)	17-2-80	30'	20'	12'	200W	UNIVERSITY	AV 2300	MAS			
								SV-1-T	SP-1-T	((PI))	2
(H)	1A	10'							TV-1-T	SP-1-T	((IC))

NOTES: 1. ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
 2. ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
 3. ((C)) OR ((PI)) - INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED.
 ((C)) INDICATES CUCKOO SOUND; ((PI)) INDICATES PEEP-PEEP SOUND.
 4. PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON THE POLE IN THE QUADRANT NEAREST THE CROSSWALK SERVING THE PHASE.



PHASE DIAGRAM



FLASHING OPERATION SHALL BE ALL RED.

PP-37557J
 INSTALL 120V SIGNAL AND 240V ST. LT. SERVICE PER C/R STD. D.W.C. NO. 667.

GENERAL NOTES

- 1 - Detector loops shall be installed in the presence of the Traffic Engineer or his representative.
- 2 - All signing, striping, and pavement marking requirements shall be completed at least one day prior to turn-on.
- 3 - Typical detector loop spacing: 10' and 15' (where applicable).

CONSTRUCTION NOTES

- 200 Construct P.C.C. concrete curb (planter) per City of Riverside Standard Drawing No. 200, match existing.
- 325 Construct P.C.C. concrete sidewalk per City of Riverside Standard Drawing No. 325.

PAVEMENT DELINEATION

- Indicates striping and pavement markings to be installed.
- Indicates striping and pavement markings to remain.
- Indicates striping and pavement markings to be removed.

NOTE: All pavement delineation work shall be performed by City of Riverside forces; See Special Provisions.

CONTRACT TE-02-05

IMPORTANT NOTICE
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ENGINEER IN RESPONSIBLE CHARGE
 THOMAS JOHN BOYD
 R.C.E. No. 36170 exp. 06-30-2004
 CIVIL
 STATE OF CALIFORNIA

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature]
 DATE: 3/14/03

PRINCIPAL ENGINEER: [Signature]
 DATE: 3/14/03

TRAFFIC DIVISION: [Signature]
 DATE: 3/14/03

PUBLIC UTILITIES: [Signature]
 DATE: 3/14/03

MARK: _____ REVISIONS: _____ APPR. DATE: _____
 DESIGNED BY: MAC DRAWN BY: MAC CHECKED BY: _____

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature]
 DATE: 3/14/03

PRINCIPAL ENGINEER: [Signature]
 DATE: 3/14/03

TRAFFIC DIVISION: [Signature]
 DATE: 3/14/03

PUBLIC UTILITIES: [Signature]
 DATE: 3/14/03

TRAFFIC SIGNAL
 UNIVERSITY AVENUE
 AND
 EUCALYPTUS AVENUE

SCALE: 1" = 20'

ACCT. NO. 9537830214-44030200
 X-127
 SHEET 1 OF 1
 FILE NAME: X127.DWG