CONDUCTOR TABLE

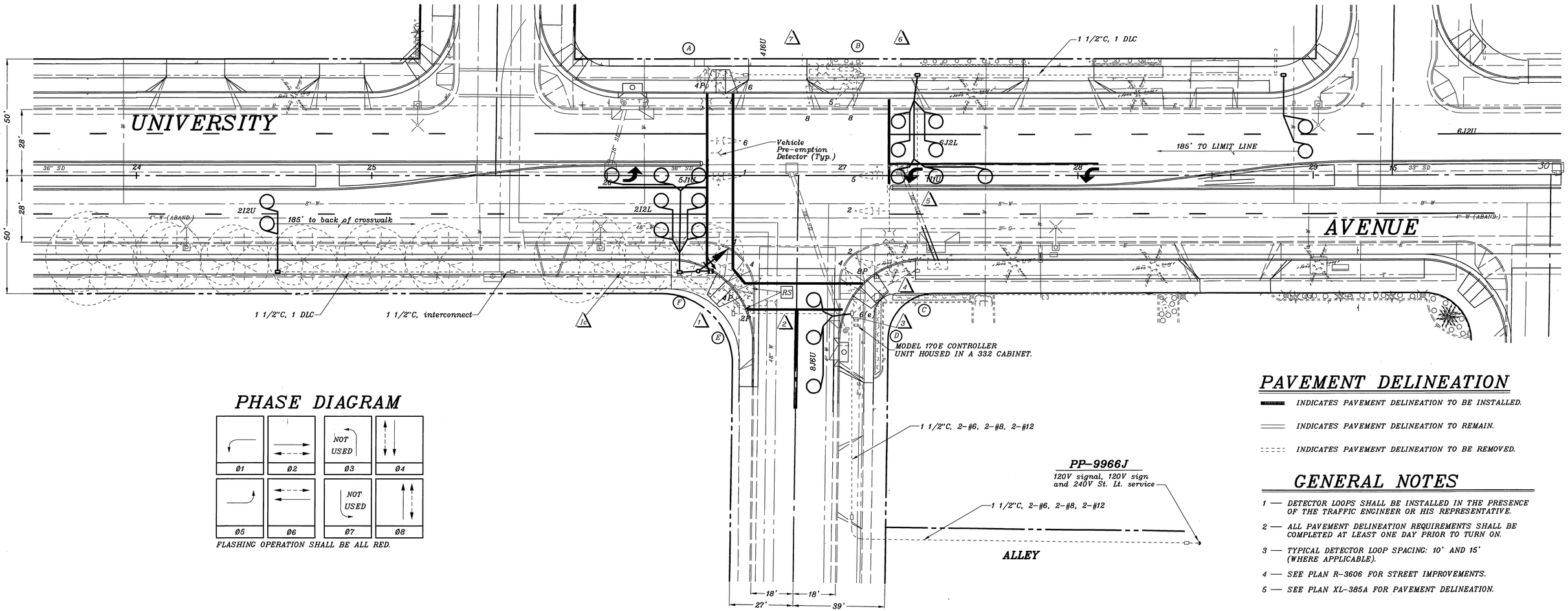
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS 1	2	3	4	5	6	7		1c
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA	1	2	6	3	2	2	1		
	3 WIRE IMSA			4	4	3	3	2		
DETECTOR CABLE	#16/2									
PHASE 1				1	1	1				
PHASE 2		2	2	2						1
PHASE 3										
PHASE 4				1	1	1	1	1		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

NOTE:
1. RUNS 1 AND 2 SHALL HAVE NEW CABLES AND CONDUCTORS.
2. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A. CABLE.

EQUIPMENT SCHEDULE

NO.	SIGNAL STANDARD TYPE	H'GHT	M.A.	LUMINAIRE L.A.	H.P.S.V.	I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS VEHICLE	PEDESTRIAN	AUDIBLE	PPB PHASE
(A)	26-4-129	30'	45'	12'	250W		2-MAS			
							SV-2-TB	SP-1-T	((C))	4
(B)	16-2-129	17'	20'			UNIVERSITY AV 1900	MAS			
							SV-2-TD			
(C)	26-4-129	30'	40'	12'	250W	DOUGLASS AV 3800	2-MAS			
							SV-1-T	SP-1-T	((P))	
(D)	1A	10'					TV-1-T			2
(E)	TYPE 15	30'					SV-I-T	SP-1-T	((P))	2
(D)	1A(N)	10'					TV-1-T(N)	SP-1-T(N)	((C))	4(N)

NOTES:
1. ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
2. ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
3. 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.

PAVEMENT DELINEATION

INDICATES PAVEMENT DELINEATION TO BE INSTALLED.

INDICATES PAVEMENT DELINEATION TO REMAIN.

INDICATES PAVEMENT DELINEATION TO BE REMOVED.

GENERAL NOTES

1 — DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.

2 — ALL PAVEMENT DELINEATION REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN ON.

3 — TYPICAL DETECTOR LOOP SPACING: 10' AND 15' (WHERE APPLICABLE).

4 — SEE PLAN R-3606 FOR STREET IMPROVEMENTS.

5 — SEE PLAN XL-385A FOR PAVEMENT DELINEATION.

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued 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 6/30/08
DATE 6/13/06

REGISTERED PROFESSIONAL ENGINEER THOMAS JOHN BOYD No. 36170 Exp. 06-30-2008 CIVIL STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY MAC DRAWN BY MAC CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	PH	6/6/06
TRAFFIC DIVISION		5/19/06
PUBLIC UTILITIES		

APPROVED BY CITY ENGINEER
DATE 6/13/06

TRAFFIC SIGNAL MODIFICATION
UNIVERSITY AVENUE AND DOUGLASS AVENUE
SCALE: 1" = 20'

ACCT. NO.
X-128A
SHEET 1 OF 1
FILE NAME: X128A.DWG

CONDUCTOR TABLE

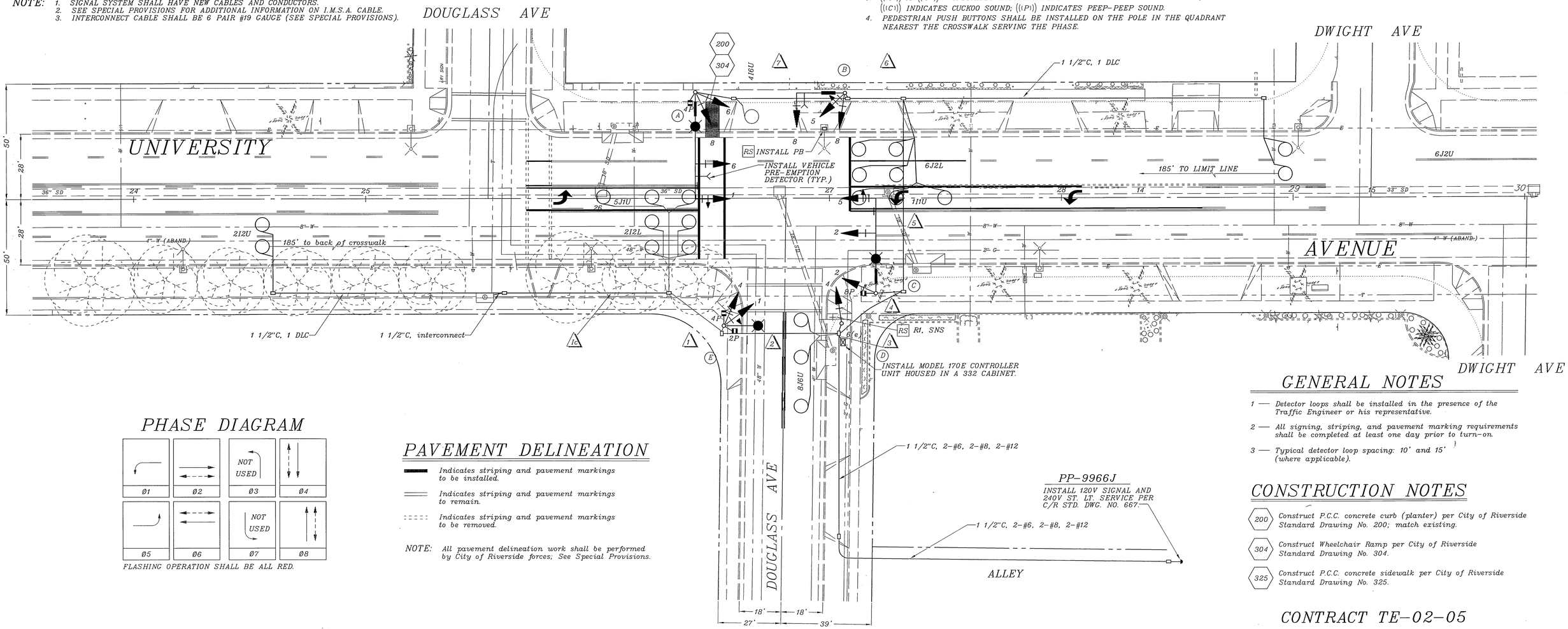
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS 1	2	3	4	5	6	7		1c
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA		1	5	3	2	2	1		
	3 WIRE IMSA		1	5	4	3	3	2		
DETECTOR CABLE	#16/2									
PHASE 1				1	1	1				
PHASE 2		2	2	2						1
PHASE 3										
PHASE 4				1	1	1	1	1		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

NO.	SIGNAL STANDARD TYPE	H'GHT	M.A.	LUMINAIRE L.A.	H.P.S.V.	I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS VEHICLE	PEDESTRIAN	AUDIBLE	PPB PHASE
(A)	26-4-129	30'	45'	12'	250W		MAS			
							MAS			
							SV-2-TB	SP-1-T	((C))	4
(B)	16-2-129	17'	20'			UNIVERSITY AV 1900	MAS			
							SV-1-T			
(C)	26-4-129	30'	40'	12'	250W	DOUGLASS AV 3800	MAS			
							MAS			
							SV-1-T	SP-1-T		
(F)	1A	7'						TP-1-T	((P))	2
(G)	17-2-80	30'	20'	12'	200W	UNIVERSITY AV 2300	MAS			
							SV-1-T	SP-1-T	((P))	2
(H)	1A	10'					TV-1-T	SP-1-T	((C))	4

NOTES:
1. ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
2. ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
3. ((C)) OR ((P)) – INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED. ((C)) INDICATES CUCKOO SOUND; ((P)) 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.

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.

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.

304 — Construct Wheelchair Ramp per City of Riverside Standard Drawing No. 304.

325 — Construct P.C.C. concrete sidewalk per City of Riverside Standard Drawing No. 325.

CONTRACT TE-02-05

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued 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
DATE

REGISTERED PROFESSIONAL ENGINEER THOMAS JOHN BOYD No. 36170 Exp. 06-30-2004 CIVIL STATE OF CALIFORNIA

MARK	REVISIONS	APPR	DATE

DESIGNED BY MAC DRAWN BY MAC CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		3/12/03
TRAFFIC DIVISION		3/10/03
PUBLIC UTILITIES		3/14/03

APPROVED BY CITY ENGINEER
DATE 3/14/03

TRAFFIC SIGNAL
UNIVERSITY AVENUE AND DOUGLASS AVENUE
SCALE: 1" = 20'

ACCT. NO. 9537830214-44030200
X-128
SHEET 1 OF 1
FILE NAME: X128.DWG