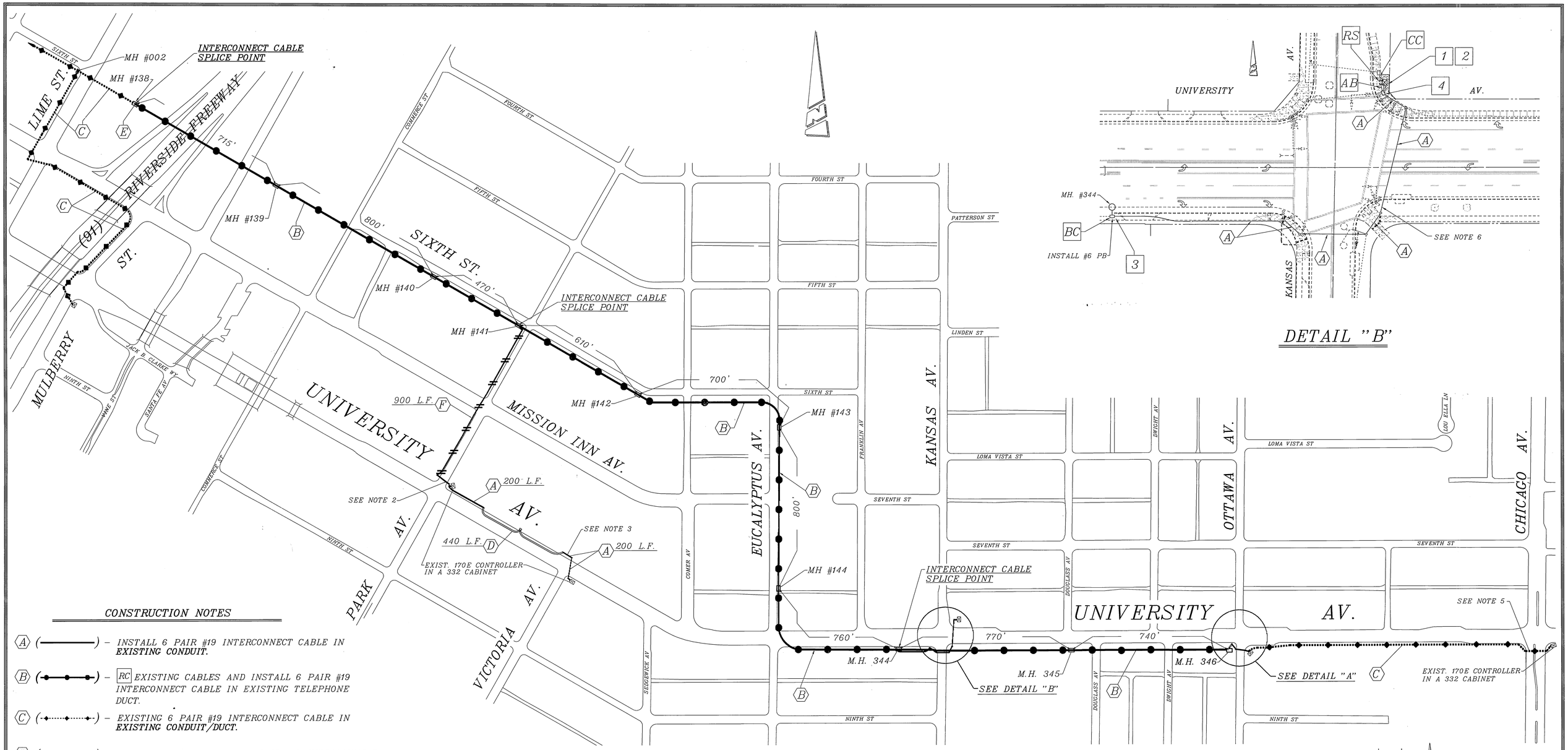
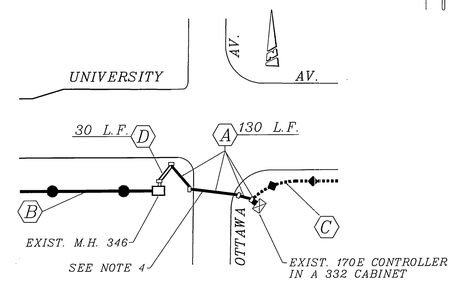


DETAIL "B"



DETAIL "A"

CONSTRUCTION NOTES

(A) (————) – INSTALL 6 PAIR #19 INTERCONNECT CABLE IN **EXISTING CONDUIT.**

(B) (—•—•—) – [RC] EXISTING CABLES AND INSTALL 6 PAIR #19 INTERCONNECT CABLE IN EXISTING TELEPHONE DUCT.

(C) (—•·····•—) – EXISTING 6 PAIR #19 INTERCONNECT CABLE IN **EXISTING CONDUIT/DUCT.**

(D) (═══) – INSTALL 1 1/2" CONDUIT, 6 PAIR #19 INTERCONNECT CABLE AND PULL BOXES.

(E) – SPLICE 6 PAIR #19 INTERCONNECT CABLE TO EXISTING 6 PAIR #19 INTERCONNECT CABLE.

(F) (—//—//—) – REMOVE EXISTING INTERCONNECT CABLE AND INSTALL 6 PAIR #19 INTERCONNECT CABLE IN **EXISTING CONDUIT.**

[1] – REMOVE AND SALVAGE EXISTING TYPE 90 CONTROLLER ASSEMBLY. REMOVE FOUNDATION. INSTALL MODEL 170E/332 CABINET ASSEMBLY ON NEW FOUNDATION.

[2] – WITHDRAW EXISTING CABLES AND CONDUCTORS FROM EXISTING CONDUIT RUN, AND INSTALL EXISTING CABLES AND CONDUCTORS IN NEW CONDUIT RUN (2–3" CONDUIT), FROM #6(E) PULL BOX TO CONTROLLER CABINET.

[3] – INSTALL NEW 2" CONDUIT FROM PULL BOX TO TELEPHONE MANHOLE #344, AND INSTALL 6PR #19 INTERCONNECT CABLE.

[4] – REPLACE EXISTING #6 PULL BOX WITH NEW #6(E) PULL BOX.

NOTES:

1. THE MAP ON THIS SHEET IS GENERALLY DIAGRAMMATIC AND SHOULD BE USED ACCORDINGLY. DISTANCES SHOWN ARE APPROXIMATE.
2. SEE C/R PLAN X-126A FOR INFORMATION ON EXISTING CONDUIT RUN.
3. SEE C/R PLAN X-441A FOR INFORMATION ON EXISTING CONDUIT RUN.
4. SEE C/R PLAN X-129A FOR INFORMATION ON EXISTING CONDUIT RUN.
5. SEE C/R PLAN X-132 FOR INFORMATION ON EXISTING CONDUIT RUN.
6. SEE C/R PLAN X-130 FOR INFORMATION ON EXISTING CONDUIT RUN.

CONTRACT TE-98-4
FEDERAL AID PROJECT NO. CMLN-5058(023)
CONTRACTOR'S LICENSE REQUIREMENTS "A" OR "C-10"

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. 36770
DATE 9/2/00

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

MARK	REVISIONS	APPR.	DATE

DESIGNED BY R.G.G. DRAWN BY R.G.G. CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		9/20/2000
P.W. INSPECTION		
TRAFFIC DIVISION		9/21/00
CHIEF P.W. ENGR.		9/21/00
PUBLIC UTILITIES		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 9-21-2000

TRAFFIC SIGNAL SYSTEM INTERCONNECT

UNIVERSITY AVENUE
PARK AV. TO
OTTAWA AV.

SCALE: 1" = 200'

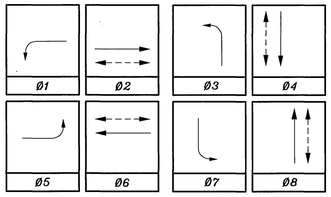
ACCT. NO. 9705532711-44030300

X-130B

SHEET 7 OF 7

FILE NAME: X130B-2.DWG

PHASE DIAGRAM



FLASHING OPERATION SHALL BE ALL RED.

CONDUCTOR TABLE

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS 1	2	3	4	5	6	7	8
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA	1	2	3	4	5	8	2	1
	3 WIRE IMSA	1	2	3	4	5	8	2	1
DETECTOR CABLE	#16/2	–	–	–	–	–	–	–	–
PHASE 1		–	–	–	–	1	1	–	–
PHASE 2		2	2	2	2	2	2	–	–
PHASE 3		–	–	1	1	1	1	–	–
PHASE 4		–	–	–	–	1	1	–	–
PHASE 5		1	1	1	1	1	1	–	–
PHASE 6		–	–	–	3	3	–	–	–
PHASE 7		–	–	–	–	–	1	1	–
PHASE 8		–	–	1	1	1	–	–	–
INTERCONNECT CABLE	#19	1	1	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	–	–	
EMER. PRE-EMPT.	#20	–	–	–	–	2	1	1	
CONDUIT SIZE		2"	3"	3"	3.5"	3.5"	2-3"	3"	2"

NOTE:
SIGNAL SYSTEM SHALL HAVE NEW CABLES AND CONDUCTORS; SEE CONTRACT SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A. CABLE.

EQUIPMENT SCHEDULE

NO.	SIGNAL STANDARD TYPE	HGHT.	M.A.	LUMINAIRE M.A.	H.P.S.V.	I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS VEHICLE	PEDESTRIAN	AUDIBLE	PPB PHASE	REMARKS
(A)	26-4-129	30'	40'	12'	250W	KANSAS AVE 3700	2-MAS				
							SV-1-T	SP-1-T	((P))	4	
(B)	1A	10'					TV-1-T	SP-1-T	((C))	6	
(C)	19-4-129	30'	25'	12'	250W	UNIVERSITY AVE 2000	2-MAS				
							SV-1-T	SP-1-T	((C))	6	
(D)	1A	10'					TV-1-T	SP-1-T	((P))	8	
(E)	26-4-129	30'	40'	12'	250W	KANSAS AVE 3800	2-MAS				
							SV-1-T	SP-1-T	((P))	8	
(F)	1A	10'					TV-1-T	SP-1-T	((C))	2	
(G)	19-4-129	30'	25'	12'	250W	UNIVERSITY AVE 2100	MAS				
							SV-1-T	SP-1-T	((C))	2	
(H)	1A	10'					TV-1-T	SP-1-T	((P))	4	

NOTES:
1. REMOVE AND SALVAGE ALL EXISTING POLES AND EQUIPMENT.
2. ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
3. ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
4. LUMINAIRES SHALL BE HIGH PRESSURE SODIUM VAPOR.
5. ((C)) OR ((P)) – INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED, ((C)) INDICATES CUCKOO SOUND; ((P)) INDICATES PEEP-PEEP SOUND.
6. PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON THE POLE IN THE QUANDRANT NEAREST THE CROSSWALK SERVING THE PHASE.
7. FOUNDATIONS NOT TO BE REUSED SHALL BE COMPLETELY REMOVED.

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.

ENGINEER IN RESPONSIBLE CHARGE
THOMAS JOHN BOYD
R.C.E. No. 36170
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 R.C.C. DRAWN BY R.C.C. CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	AH	4/5/06
P.W. INSPECTION	CA	4/5/06
TRAFFIC DIVISION	SL	5/19/06
CHIEF P.W. ENGR.		
PUBLIC UTILITIES		

APPROVED BY DIRECTOR OF PUBLIC WORKS
DATE 6/12/06

TRAFFIC SIGNAL MODIFICATION
UNIVERSITY AVE. @ KANSAS AVE.
SCALE: 1" = 20'

ACCT. NO.
X-130A
SHEET 1 OF 1
FILE NAME: X130A.DWG

CONDUCTOR SCHEDULE

CONDUCTOR RUN	1				2				3				4				5				6				7				8			
CONDUCTORS	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14
ØA				3				3				3				3				3				3				3				
ØB								3				3				3								3				3				
ØB-W-DW				2				2				2				2				2				2				2				
110 V. Neutral		1				1				1				1				1				1				1						
Spares				3				3				3				3				3				3				3				
ØB P.P.B.				1				1				1				2				1				1				1				
ØA Det.			2				2				2				2																	
ØB Det.											2				2								2				2				2	
12 V. Neutral			1				1				1				1				1				1				1					
Signal Service																					2											
ØA WALK-								2				2				2								2				2				
ØA PPB								1				2				2								2				1				
TOTAL CONDUCTORS		1	3	9		1	3	15		1	5	16		1	5	17		1	1	9	2	1	3	16		1	3	15			2	
CONDUIT SIZE	2"				1½"				1½"				1½"				1½"				2"				1½"				1½"			
	(NEW)				(EXIST.)				(EXIST.)				(EXIST.)				(EXIST.)				(EXIST.)				(EXIST.)				(EXIST.)			

NOTE: RUNS 1 THRU 4 SHALL HAVE NEW CONDUCTORS.
CONDUCTOR FOR 12 V. NEUTRAL (COMMON) SHALL BE #14 IN LIEU OF #12

REVISIONS		
MARK	DATE	DESCRIPTION

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

S/W CORNER
TRAFFIC SIGNAL REVISIONS
UNIVERSITY AVENUE &
KANSAS AVENUE

DESIGNED BY JW
DRAWN BY MHL
CHECKED BY JW
RECOMMENDED BY William D. Gardner, ASSISTANT CITY ENGINEER
APPROVED BY Robert C. Wales, DIRECTOR OF PUBLIC WORKS
DATE 4-9-84
ACCT. NO. 30-575-249-30
X-130
SHEET 1 OF 1

FILE WITH R-2558
(UNTIL JOB IS COMPLETE)

MISSION BLUEPRINT CO.

CONDUCTOR SCHEDULE

CONDUCTOR RUN	1				2				3				4				5				6				7				8			
CONDUCTORS	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14
ØA				3				3				3				3				3				3				3				
ØB								3				3				3								3				3				
ØB-W-DW				2				2				2				2				2				2				2				
110 V. Neutral		1				1				1				1				1				1				1						
Spares				3				3				3				3				3				3				3				
ØB P.P.B.				1				1				1				2				1				1				1				
ØA Det.			2				2				2				2																	
ØB Det.											2				2								2				2				2	
12 V. Neutral			1				1				1				1				1				1				1					
Signal Service																					2											
ØA WALK-																								2				2				
ØA PPB																								2				1				
TOTAL CONDUCTORS		1	3	9		1	3	15		1	5	16		1	5	17		1	1	9	2	1	3	16		1	3	15			2	
CONDUIT SIZE	1½"				1½"				1½"				1½"				1½"				2"				1½"				1½"			

— FOR REFERENCE ONLY —

10-20-61 As Built A.D.D.
12/10/70 As Built (S/W corner)
As Built per Contract TE-70-7 JMW
(detectors)
~~4-25-80 AS-BUILT (S/W CORNER) MHL~~
~~2-1-82 AS-BUILT (N/W CORNER) MHL~~
4-2-85 AS BUILT (S/W CORNER MHL

TRAFFIC SIGNALS
UNIVERSITY AVENUE &
KANSAS AVENUE

A.D.D.
ADD.

X-130

10-19-60

CONDUCTOR SCHEDULE

CONDUCTOR RUN	1				2				3				4				5				6				7				8			
CONDUCTORS	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14
ØA				3				3				3				3				3				3				3				
ØB								3				3				3								3				3				
ØB-W-DW				2				2				2				2				2				2				2				
110 V. Neutral		1				1				1				1				1				1				1						
Spares				3				3				3				3				3				3				3				
ØB P.P.B.				1				1				1				2				1				1				1				
ØA Det.			2				2				2				2																	
ØB Det.											2				2								2				2				2	
12 V. Neutral			1				1				1				1				1				1				1					
Signal Service																					2											
ØA WALK-																								2				2				
ØA PPB																								2				1				
TOTAL CONDUCTORS		1	3	9		1	3	15		1	5	16		1	5	17		1	1	9	2	1	3	16		1	3	15			2	
CONDUIT SIZE	1½"				1½"				1½"				1½"				1½"				2"				1½"				1½"			

10-20-61 As Built A.D.D.
12/10/70 As Built (S/W corner)
As Built per Contract TE-70-7 (detectors) JMW
~~4-25-80 AS-BUILT (S/W CORNER) MAL~~
~~2-1-82 AS-BUILT (N/W CORNER) MAL~~
4-2-85 AS-BUILT (S/W CORNER) MAL

TRAFFIC SIGNALS
UNIVERSITY AVENUE & KANSAS AVENUE

A.D.D.
ADD.

10-19-60

X-130

—FOR REFERENCE ONLY—

MISSION BLUEPRINT CO.

PHASE DIAGRAM
ØA
ØB
Scale 1" = 20'
Extend. exist. H.D.G. St. Lt. Conduit to Pullbox, replace 2 #8 Cu. 600 V. Cables as required.
Install St. Lt. Pullbox per item PI of U.G.S.-800.
Relocate P.P. No. 4519 J & P.P. anchor by C/R Public Utilities.
Exist. Embedded Conc. St. Lt. Standard relocate to clear new curb & driveway.
Install 1" H.D.G. St. Lt. Conduit w/2 #8 Cu. 600 V. Cables.
Existing H.D.G. St. Lt. Conduit w/2 #8 Cu. 600 V. Cables (120 V), field determine conduit size, remove Cable & abandon unused portions of Conduit
Relocate P.P. No. 9121 J (Trench) by C/R Public Utilities.
Salvage exist. Standard, relocate all equip. to new Type 19-2-70 Std. with 30' Signalarm and 15' luminaire arm. Salvage PPB, provide new PPB
intercept 1" C. & extend to new pullbox.
Install 2 #8 Cu. 600 V. St. Lt. Cable
Install St. Lt. Pullbox per item PI of U.G.S.-800.
Install 1" H.D.G. Conduit w/2 #8 Cu. 600 V cables.
Extend exist. 1 1/4" H.D.G. St. Lt. Conduit to new Pullbox, install 2 #8 Cu. 600 V Cables.
Existing 1 1/4" H.D.G. St. Lt. Conduit w/2 #8 (240 V.) Remove Cable & abandon unused portions of conduit.
Extend exist. 1 1/4" H.D.G. Conduit to new Pullbox. Replace 2 #8 Cu. 600 V. cables as required.
Install 6'x6' Det. Loop
Intercept exist. Conduit & extend to Pullbox, replace 2 #8 Cu. 600 V. Cables as necessary.
Install St. Lt. Pullbox per item PI of U.G.S.-800.
Install (2) 6'x6' Det. Loops
Intercept 1 1/2" C & extend into new pullbox.
Sign base
Type III Controller in Type M Cabinet
Paint "X"-walk 12" white w/beads (typ.) Remove exist. as needed for new alignment.
Paint "X"-walk 12" white w/beads (typ.) Remove exist. as needed for new alignment.
W.M.
4 Gas Meters
4' Palm
4' block wall
Planter
3' Palm
W.M.
Signal Service
P.P. 608423H
4' Palm
5' conc. walk
1"C, 3 #12
1 1/4" St. Lt.
250'
Aban.
UNIVERSITY
AVENUE
AVE.
KANSAS
66'
33'
33'
17'
12'
Asphalt
Asphalt
Asphalt
P.P. 608424 H
4' Tree
5' conc. walk
Shrubs
3' Palm
4' Pepper
3' Palm
Pepper Tree
ALLEY
P.P. 403270 H

See C/R Street Improvement Plan R-

Street Light Notes

1. Install, relocate, & remove all Street Light Facilities as shown, in conformance with Street Light Spec. #119 & Standard Drawings.
2. Contact Street Light Inspector at 787-7429 prior to starting work.
3. All Street Light Circuits to remain in operation each night.

Traffic Signal Notes

1. All work shall conform to the most current provisions of Sec. 86 of the State Standard Specifications, the State Standard Plans, applicable C/R Std. Dwgs., and the C/R Public Utilities Specification No. 119.
2. No splicing will be allowed; new conductors shall be installed in all Conduit on the improved corner to the Controller.
3. Detector loops will be installed in the presence of the Traffic Engineer or his representative.
4. See Plan X-130 for additional information.

CONDUCTOR SCHEDULE

CONDUCTOR RUN	1				2				3				4				5				6				7				8			
CONDUCTORS	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14
ØA				3				3				3				3				3				3				3				3
ØB								3				3				3								3				3				3
ØB-W-DW				2				2				2				2				2				2				2				2
110 V. Neutral		1				1				1				1				1				1				1				1		
Spares				3				3				3				3				3				3				3				3
ØB P.P.B.				1				1				1				2				1				1				1				1
ØA Det.			2				2				2				2																	
ØB Det.											2				2								2				2					
12 V. Neutral			1				1				1				1				1				1				1				1	
Signal Service																					2											
ØA WALK								2				2				2								2				2				
ØA PPB								1				2				2								2				1				
TOTAL CONDUCTORS		1	3	9		1	3	15		1	5	16		1	5	17		1	1	9	2	1	3	16		1	3	15		1	1	12
CONDUIT SIZE	1½"				1½"				1½"				1½"				1½"				2"				1½"				1½"			

Robert L Taylor, RCE 10470
for Miles Williamson
and Bill Whitten

APPROVED BY: W
For Director of Public Utilities
Date: 4-22-81

REVISIONS		
MARK	DATE	DESCRIPTION
	10-20-61	As Built A.D.D.
	12/10/70	As Built (S/W corner)
		As Built per Contract TE-70-7 (detectors) JMW
	~~4-25-80~~	~~AS-BUILT (S/W CORNER) MH~~

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
& DEPT. OF PUBLIC UTILITIES

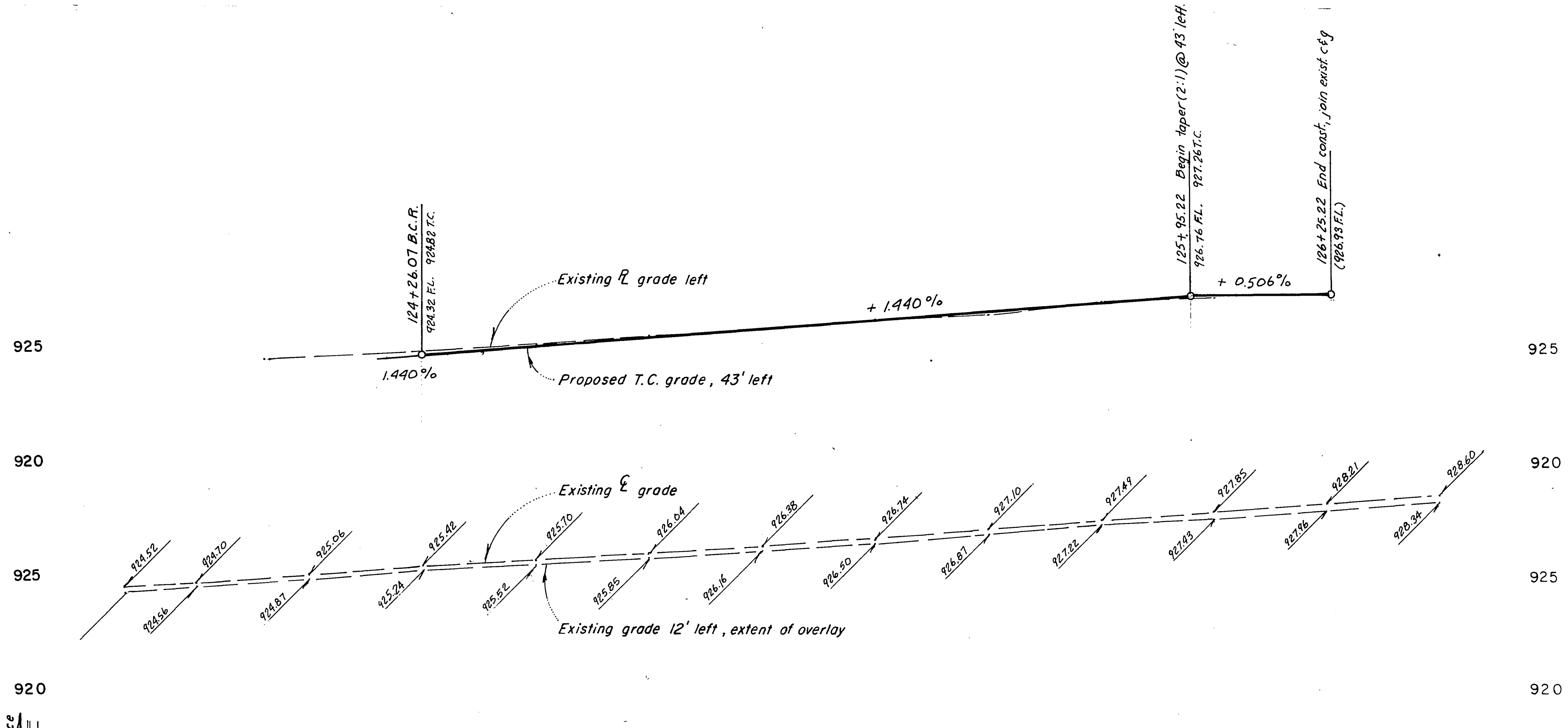
STREET LIGHTS & TRAFFIC SIGNALS
UNIVERSITY AVENUE & KANSAS AVENUE

DESIGNED BY
DRAWN BY
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE

LS-13707

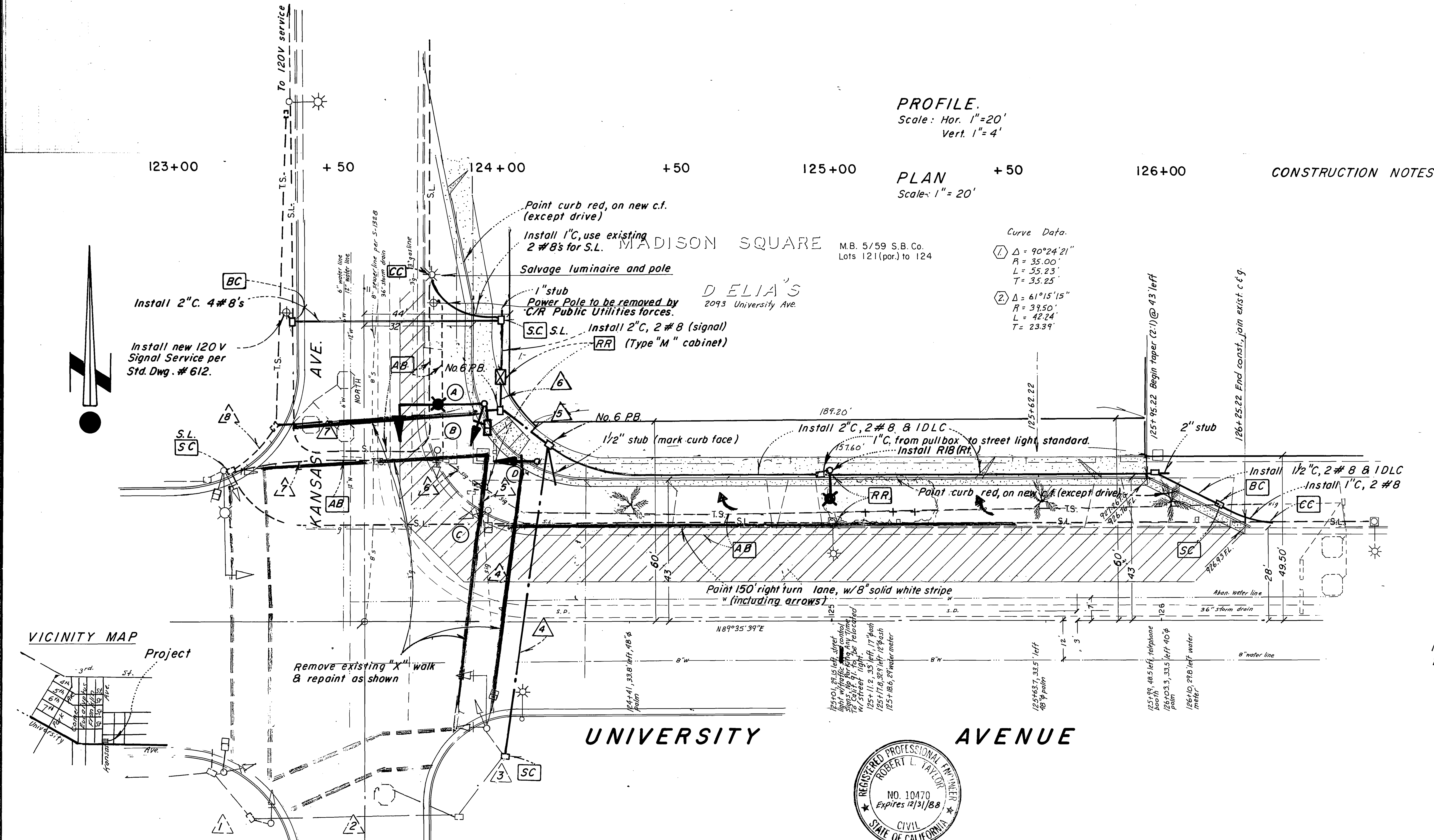
SHEET 1 OF 1

F.B.-S



PROFILE.
Scale: Hor. 1"=20'
Vert. 1"=4'

PLAN
Scale: 1"= 20'



CONSTRUCTION NOTES:

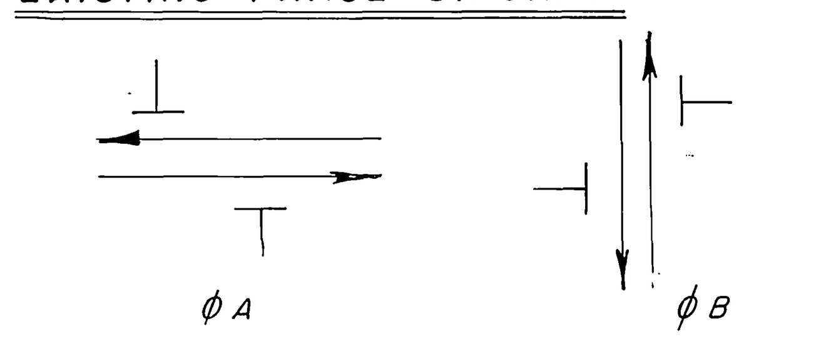
CONDUCTOR SCHEDULE

CONDUCTOR RUN	1				2				3				4				5				6				7				8			
CONDUCTORS	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14
ϕA				3				3				3				3				3				6				3				3
ϕB								3				3				3				3				6				3				3
ϕB W DW				2				2				2				2				2				4				2				2
110 V. Neutral		1				1				1				1				1				2				1				1		
Spares				3				3				3				3				3				6				3				3
ϕB P.P.B.				1				1				1				2				2				3				1				1
ϕA Det.			2				2				2				2				3				3									
ϕB Det.											2				2				2				4				2				2	
12 V. Neutral			1				1				1				1				1				2				1					1
Signal Service																					2											
ϕA Walk																								2				2				2
ϕA PPB																								1				1				1
Luminaries																	2								2				2			
Total Conductors		1	3	9		1	3	12		1	5	12		1	5	13	2	1	6	13	2	2	9	28	2	1	3	15	2	1	2	16
Conduit Size	1½"(E)				1½"(E)				1½"(E)				2½" (N)				3"(N)				3½"(N)				2"(N)				1½"(E)			

Conduit Runs 4, 5, 6, 7 and 8 shall have new conductors.

E = existing conduit
N = new conduit

EXISTING PHASE DIAGRAM



TRAFFIC SIGNAL CONSTRUCTION NOTES:

1. All traffic signal work shall conform to the provisions of Section 86 of the most current Standard Specifications and Standard Plans published by the State of California Department of Transportation.
2. Splicing of conductors will not be allowed, unless otherwise noted.
3. Traffic signal pullbox lids shall be marked "Traffic Signal."
4. Contractor to furnish and install Housing and Breaker as specified.
   Square D Cabinet Loadcenter - SQD # Q06-12RB
   40 Amp. Breaker (Signals) - S.P. # SQD QD
5. Ommission in the "Conductor Schedule" or on the plan will not relieve the Contractor of the responsibility to install the correct number of conductors and cable to operate the traffic signal; this shall also pertain to Street Light circuits.

(A) Provide and install Type 19-2-80 Standard (12' CA, 25' SA), luminaire (250W High Pressure Sodium Vapor), MAS and SV-1-T mounted vehicular heads. Use pedestrian head from Loc.(B); modify framework to SP-1-T.

(B) Salvage Type 1 Standard and vehicular head.

(C) Relocate Type 1 Standard as indicated; relocated pedestrian head to Loc.(A)

(D) Install relocated Type 1 Standard from Loc.(C) P.P.B. to remain

STREET LIGHT CONSTRUCTION & RELOCATION:

1. Install, relocate and remove all street lighting facilities as shown and in conformance with St. Light Spec. # 119 and related Standard Drawings. Contact 787-7429 for required inspections.

NOTE: (1) Street light and signal foundations to be abandon. shall be completely removed. This requirement also includes controller cabinet foundation.

(2.) Signal and street lights are to remain operable at all times during construction.

Refer to C/R R-2842 for street improvements

TWO DAY BEFORE YOU DIG
CALL U.S.A. TOLL FREE
800-422-4133

NOTICE TO CONTRACTOR: The existence and location of any underground utility pipes or structures shown on these plans were obtained by a search of the available records. To the best of our knowledge there are no existing utilities except as shown on these plans. The Contractor is responsible for taking due precautionary measures to protect the utility lines and any other lines not of record or not shown on these plans. Also, see C/R R-2842.

BENCHMARK:
P.K. nail and City Engineer tag 1' west of the E.C.R. on the N.W. curb return of University Ave. and Kansas Ave.
B.M. 17-D Elev. = 923.273

City of Riverside, Electric
Appr. by [signature] Date 2/26/87

Robert L. Taylor · Civil Engineer
5830 Magnolia Ave. Riverside, Calif. 714-683-0617
Approved by: [signature] Date 2/26/87
Robert L. Taylor R.C.E. 10470

MARK	REVISIONS	APPR.	DATE

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	2-26-87	[initials]
PARK DEPARTMENT		
TRAFFIC DIVISION	2-25-87	[initials]
CHIEF P. W. ENGINEER		

APPROVED BY [signature: William D. Gardner]
PUBLIC WORKS DIRECTOR
DATE 3.2.87

Traffic Signal & Street Lt. Relocation Plan
UNIVERSITY AVE. & KANSAS AVE.
C-11-867
HORIZ. SCALE: 1"= 20' VERT. SCALE: 1"= 4'

X-130

1 of 1