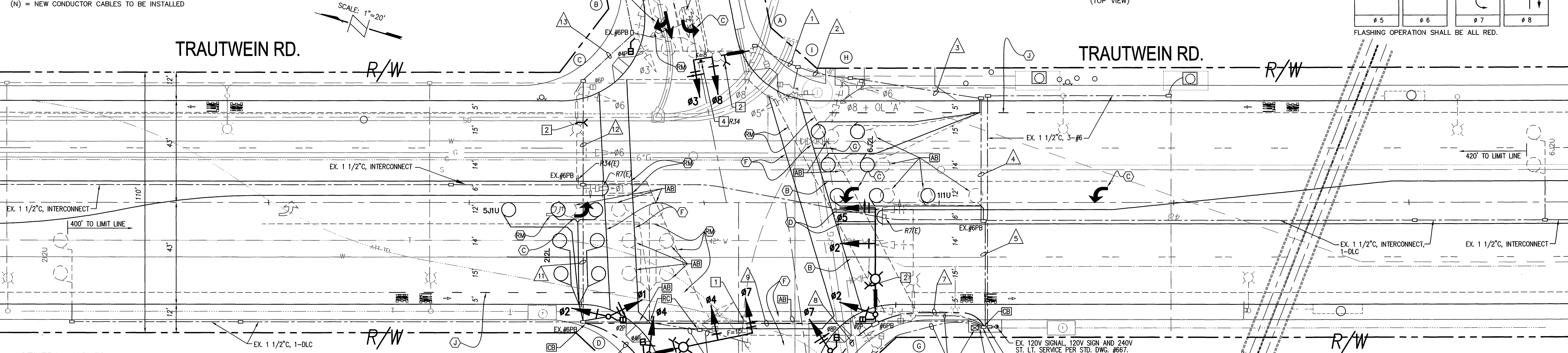
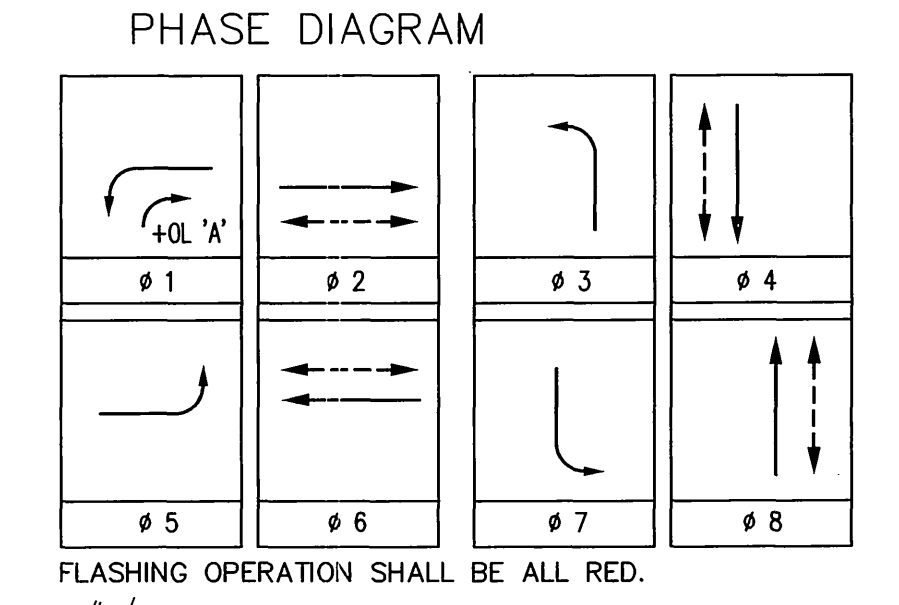
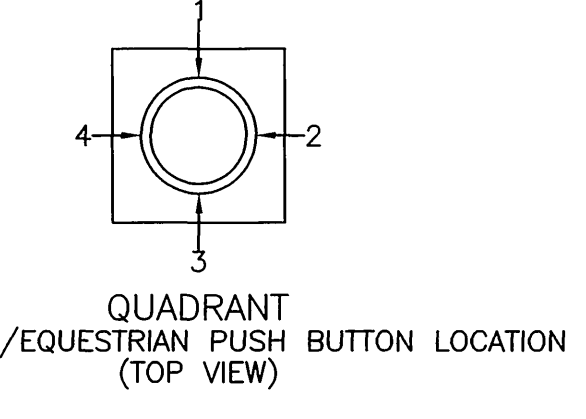


CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS													
		1	2	3	4	5	6	7	8	9	10	11	12	13	
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA 9 WIRE IMSA 5 WIRE IMSA 3 WIRE IMSA	1(E)	1(E)	2(E)	2(E)	2(E)	2(E)	6(N)	6(N)	1(N)	4(N)	1(N)	2(N)	2(N)	1(N)
DETECTOR CABLE	#16/2	-	-	-	-	1	1	-	-	-	-	-	-	-	-
PHASE 1		-	-	-	-	1	1	-	-	-	-	-	-	-	-
PHASE 2		-	-	-	-	2	2	-	-	2	-	-	-	-	-
PHASE 3		-	-	-	-	1	1	1	-	-	-	-	-	-	-
PHASE 4		-	-	-	-	2	2	-	-	2	-	-	2	2	2
PHASE 5		-	-	-	-	1	1	1	-	-	-	-	-	-	-
PHASE 6		-	-	-	-	1	2	2	-	-	-	-	-	-	-
PHASE 7		-	-	-	-	1	1	-	-	1	-	-	1	1	1
PHASE 8		-	-	-	-	2	2	2	-	-	-	-	-	-	-
PRIORITY PRE-EMPT	#20	1	1	1	1	1	1	4	3	-	2	1	1	1	-
I.I.S.N.S.	#12	2	2	2	2	2	2	-	4	-	4	2	2	2	-
LUMINAIRES	#8	2	2	2	2	2	-	-	4	-	4	2	2	2	-
SIGNAL SERVICE	#6	-	-	-	-	-	-	3	-	-	-	-	-	-	-
INTERCONNECT	#19	-	-	-	-	2	2	-	-	-	-	-	-	-	-
CONDUIT SIZE		2"	2"	2"	2"	2.5"	2-3"	3.5"	2"	3"	2"	3"	3"	3"	2"
N = NEW E = EXISTING		E	E	E	E	E	E	N	N	N	N	E	E	E	E

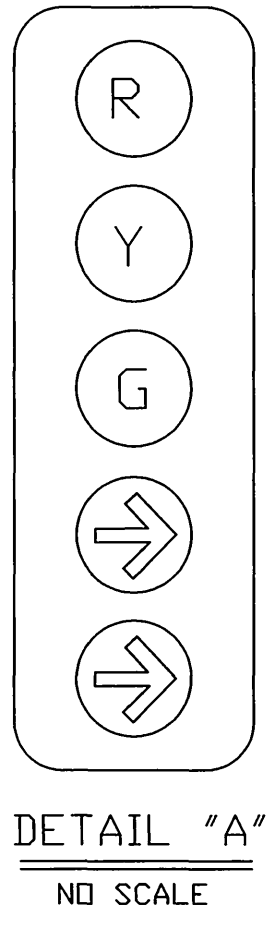
SEE CONTRACT SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A.
 ALL CONDUCTORS TO BE REMOVED AND REINSTALLED NEW UNLESS NOTED OTHERWISE
 (E) = EXISTING CONDUCTOR CABLES TO REMAIN (PROTECT IN PLACE)
 (N) = NEW CONDUCTOR CABLES TO BE INSTALLED

POLE SCHEDULE												
NO.	POLE TYPE	HEIGHT	MAST ARM LENGTH		SIGNAL MOUNTING			PPB/EPB	H.P.S.V.	I.I.S.N.S.	LEGEND	REMARKS
			SIGNAL	LUMINAIRE	MA	POLE	PED					
A	19-4-80(E)	30'	25'(N)	12'(E)	2-MAS(N)	SV-1-T(E)	SP-1-T(E)	6	3	250 W (E)	Trautwein Rd 8200(N)	EXISTING TO REMAIN. INSTALL NEW EQUIPMENT.
B	1-A(E)	14'	-	-	-	TV-2-T(E)	SP-1-T(M)	6	3			EXISTING TO REMAIN. INSTALL NEW EQUIPMENT.
C	26-4-80(E)	30'	40'(E)	12'(E)	2-MAS(E)	SV-1-T(E)	SP-1-T(E)	4(N)	2(N)	250 W (E)	John F. Kennedy Dr 19200(E)	EXISTING TO REMAIN. INSTALL NEW EQUIPMENT.
D	1-A(R)	10'	-	-	-	TV-2-T(N)	SP-1-T(E)	4(N)	2(N)			RELOCATE POLE AND EQUIPMENT. INSTALL NEW EQUIPMENT. RELOC EXISTING FDN.
E	26-4-80(N)	30'	45'(N)	12'(N)	2-MAS(N)	SV-1-T(N)	SP-1-T(N)	2	1	250 W (N)	Trautwein Rd 8100(N)	SALVAGE TO CITY YARD EXISTING TYPE 15 AND INSTALL NEW POLE AND EQUIPMENT. RELOCATE EX. HEAD TO NEW POLE. RELOC EX. FDN.
F	1-A(R)	10'	-	-	-	TV-2-T(M)	SP-1-T(E)	2	1			RELOCATE EX. POLE AND EQUIP. INSTALL NEW HEAD. RELOC EX. FDN.
G	26-4-80(R)	30'	45'(E)	12'(E)	2-MAS(E)	SV-1-T(E)	SP-1-T(E)	8	4	250 W (E)	John F. Kennedy Dr 19200(N)	RELOCATE EXISTING POLE AND EQUIPMENT. RELOC EX. FDN. REPLACE INSERT FOR ISNS.
H	1-A(E)	10'	-	-	-	TV-2-T(E)	-	-	-			EXISTING TO REMAIN.
I	1-A(E)	10'	-	-	-	TV-1-T(E)	SP-1-T(E)	8	4			EXISTING TO REMAIN.

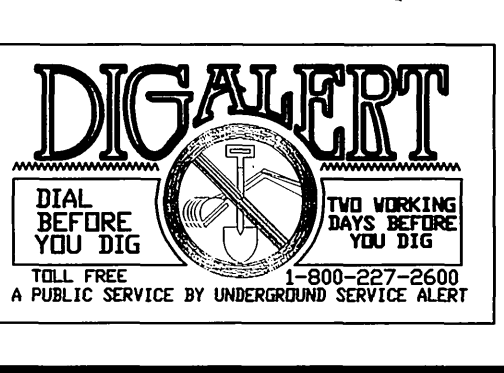
EXACT POLE LOCATION TO BE DETERMINED BY THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE IN THE FIELD.
 NEW VEHICLE SIGNAL SHALL HAVE 12" LENS (GLASS) AND 12" RED LED.
 CONSTRUCTION NOTES:
 (N) - FURNISH AND INSTALL
 (E) - EXISTING TO REMAIN
 (R) - RELOCATE TO NEW LOCATION
 (M) - MODIFY EXISTING



- GENERAL NOTES:**
- TRAFFIC SIGNAL WORK SHALL CONFORM TO THE PROVISIONS OF SECTION 86 OF THE MOST CURRENT STANDARD SPECIFICATIONS, THE STANDARD PLANS: BOTH PUBLISHED BY CALTRANS, APPLICABLE CITY OF RIVERSIDE STANDARD DRAWINGS, AND THE CONTRACT SPECIAL PROVISIONS.
 - ALL EQUIPMENT AND LOOP LOCATIONS SHALL BE APPROVED BY THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE PRIOR TO INSTALLATION BY CONTRACTOR.
 - ALL STRIPING, PAVEMENT MARKINGS AND SIGN REQUIREMENTS (REMOVAL OR INSTALLATIONS) SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO THE SCHEDULE TURN ON.
 - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES, PUBLIC OR PRIVATE, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF ANY UNDERGROUND FACILITY DAMAGE BY HIS OPERATIONS.
 - UNLESS SHOWN OTHERWISE, ALL INDUCTIVE LOOPS SHALL BE 6" ROUND WITH 10', 15' SPACINGS IN THE DIRECTION OF TRAVEL. NECESSARY STRIPING SHALL BE LOCATED PRIOR TO POSITIONING DETECTORS. ALL CONDUIT SIZE SHALL BE 2" MINIMUM UNLESS OTHERWISE NOTED.
 - ALL EXISTING LOOPS, SIGNAL POLES AND EQUIPMENT SHALL BE PROTECTED IN PLACE UNLESS SHOWN OTHERWISE.
 - SPLICING OF THE CONDUCTORS IS NOT ALLOWED.
 - CONSTRUCTION WORK THAT WILL CAUSE DAMAGE TO THE DETECTOR LOOPS SHALL NOT BE PERFORMED UNTIL TRAFFIC SIGNAL MAINTENANCE PERSONNEL AND INSPECTOR HAVE BEEN NOTIFIED AT (909)351-6096 AND THE NECESSARY TIMING ADJUSTMENTS MADE TO MAINTAIN SIGNAL OPERATION.
 - ALL SALVAGE MATERIALS SHALL BE DELIVERED TO CITY YARD AT 8095 LINCOLN AVENUE.
 - FOR ROADWAY CONSTRUCTION DETAILS SEE STREET IMPROVEMENT PLAN R-3545.
 - CALL (909) 351-6096 AT LEAST 48 HOURS IN ADVANCE FOR INSPECTION.
 - INSPECTION FEE WILL BE AT THE RATE OF \$55.00 PER HOUR.
 - ALL PAVEMENT MARKINGS EXCEPT FOR STRIPING SHALL BE THERMOPLASTIC PER THESE SPECIAL PROVISIONS.



- CONSTRUCTION NOTES:**
- RELOCATE EXIST HEAD TO POLE (E).
 - INSTALL NEW PRE-EMPTION DETECTOR. SEE SPECIAL PROVISIONS.
 - MODIFY EXISTING CONTROLLER BY ADDING ADDITIONAL 2 SENSOR UNITS TO CITY SPECIFICATIONS. THE MODIFICATIONS SHALL BE PERFORMED BY A MANUFACTURER CERTIFIED TECHNICIAN AS PART OF THE PROJECT.
- STRIPING NOTES:**
- (A) INSTALL DETAIL 21.
 - (B) INSTALL DETAIL 38A.
 - (C) INSTALL TYPE IV (L OR R) ARROW.
 - (D) INSTALL MEDIAN STRIPE DETAIL 29.
 - (E) INSTALL TYPE I-10 ARROW.
 - (F) INSTALL 12" SOLID WHITE X-WALK OR LIMIT LINE.
 - (G) INSTALL 4" SOLID WHITE LANE LINE STRIPE.
 - (H) INSTALL TYPE VII (L OR R) ARROW.
 - (J) INSTALL BIKE LANE DROP DETAIL 39A.
 - (RM) REMOVE EXISTING STRIPE OR MARKING BY WET SAND BLASTING.



PRIVATE ENGINEERING NOTE
 CONTRACTOR AGREES THAT IN ACCORDANCE WITH THE PROFESSIONAL ENGINEERING ACT AND THE PROFESSIONAL ENGINEERING REGULATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, BY CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF:
 Robert K. Johnson
 REGISTERED CIVIL ENGINEER No. 20285
 EXPIRATION DATE: 09-30-01 DATE: 11/10/99

RKJK
 ASSOCIATES, INC.
 TRAFFIC ENGINEERING - DESIGN SERVICES
 1601 Dove St., Suite 290 • Newport Beach, CA 92660
 Phone: (949) 474-0809 Fax: (949) 474-0902

SCALE: 1" = 20'
 DATE: 6/25/99

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: B.W. DRAWN BY: B.W. CHECKED BY: R.K.

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature]
 PRINCIPAL ENGR. PARK DEPARTMENT
 TRAFFIC DIVISION P.W. ENGINEER, MGR. STREET SERVICES

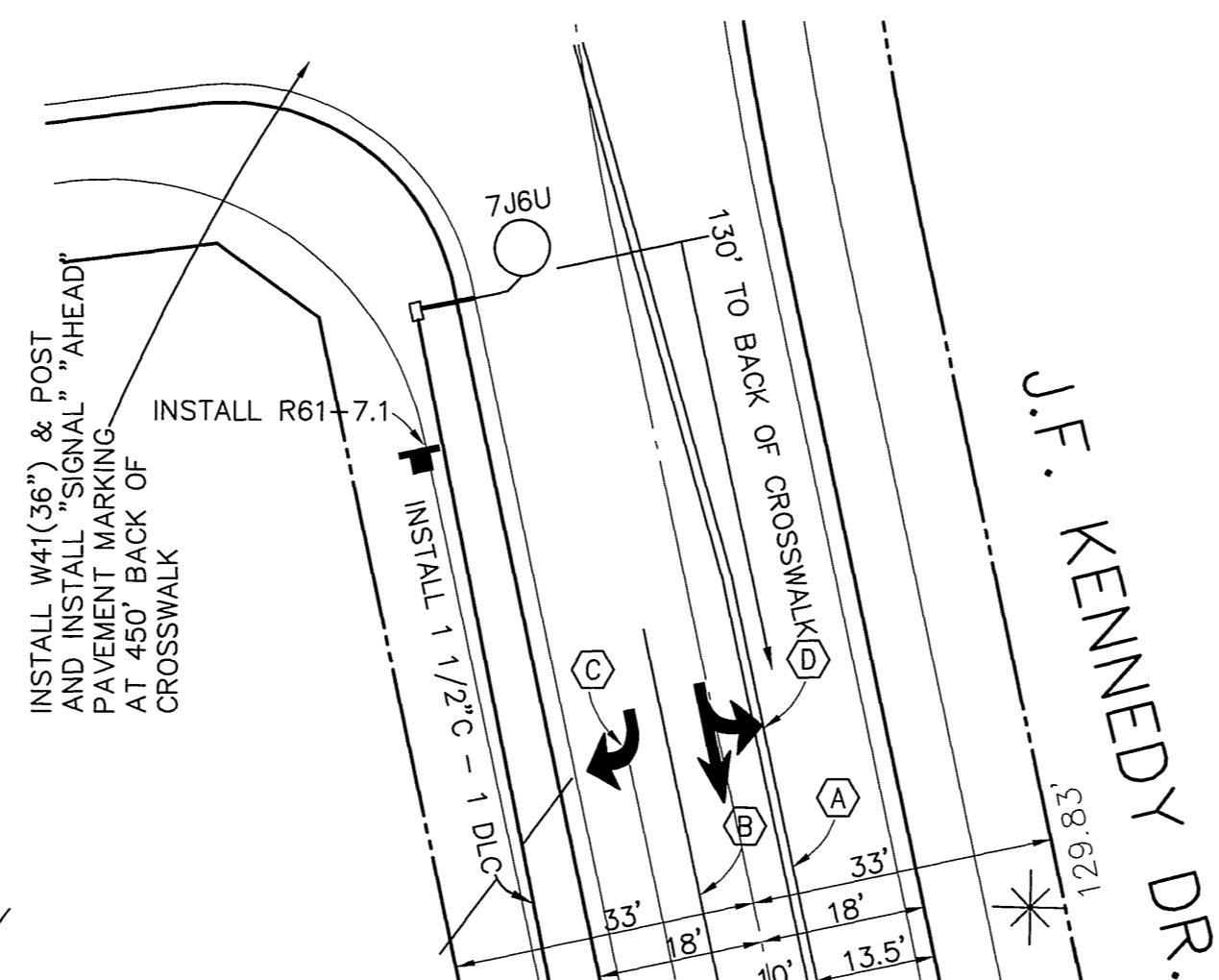
APPROVED BY: R. M. Brath
 DIRECTOR OF PUBLIC WORKS
 DATE: 11-29-99

TRACT No. 28866
 SIGNAL MODIFICATION PLAN
 TRAUTWEIN ROAD
 AND
 J. F. KENNEDY DR.

PROJECT NO. X-386C
 SHEET 1 OF 1
 FOR: COMMUNITIES SOUTHWEST FILE NO.:

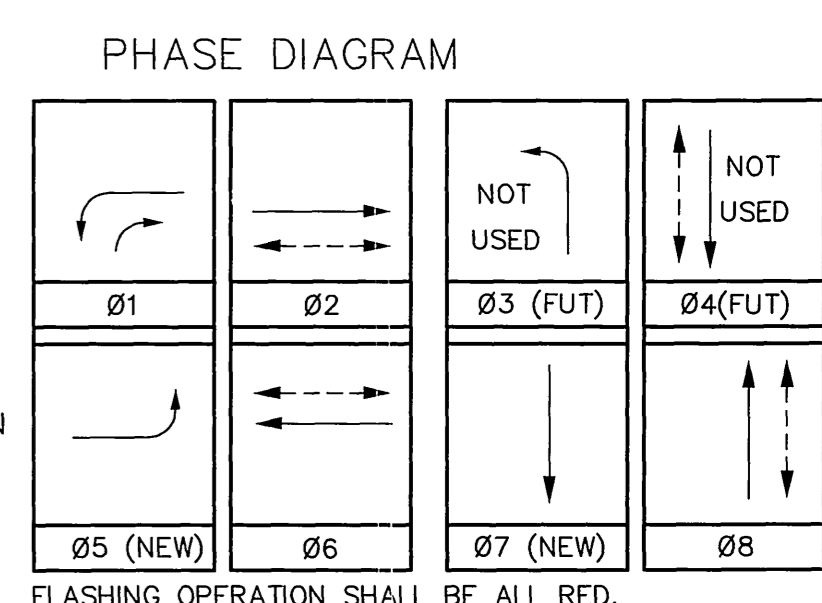
1029-99-01-SHT.DWG-BW-11/10/99

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS												
		1	1A	2	3	4	5	6	7	8	9	10	11	12
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(1)	(1)	(1)	(1)	(1)	(1)
	9 WIRE IMSA	(1)	(1)	(1)	(1)	(1)	(3)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	5 WIRE IMSA	(1)	(2)	(2)	(2)	(2)	(3)	(4)	(1)	(3)	(2)	(1)	(1)	(1)
	3 WIRE IMSA	(1)	(2)	(2)	(2)	(2)	(3)	(4)	(1)	(3)	(2)	(1)	(1)	(1)
DETECTOR CABLE	#16/2													
PHASE 1							1	1						
PHASE 2							2	2						
PHASE 3 (FUTURE)									2					1
PHASE 4 (FUTURE)														
PHASE 5 (NEW)										1				
PHASE 6							1	2	2					
PHASE 7 (NEW)										3				
PHASE 8							3	3						
PRIORITY PRE-EMPT	#20						1	1	1	(1)	(1)	(1)	(1)	(1)
I.I.S.N.S.	#12	(2)	(2)	(2)	(2)	(2)				2	2	2	2	2
LUMINAIRES	#8	(2)	(2)	(2)	(2)	(2)				2	2	2	2	2
SIGNAL SERVICE	#6													
INTERCONNECT	#19						2	2						
CONDUIT SIZE		2"(N)	2"(N)	2"	2"	2.5"	2-3"	2"	3"	2"	2"	3"	3"	2"(M)

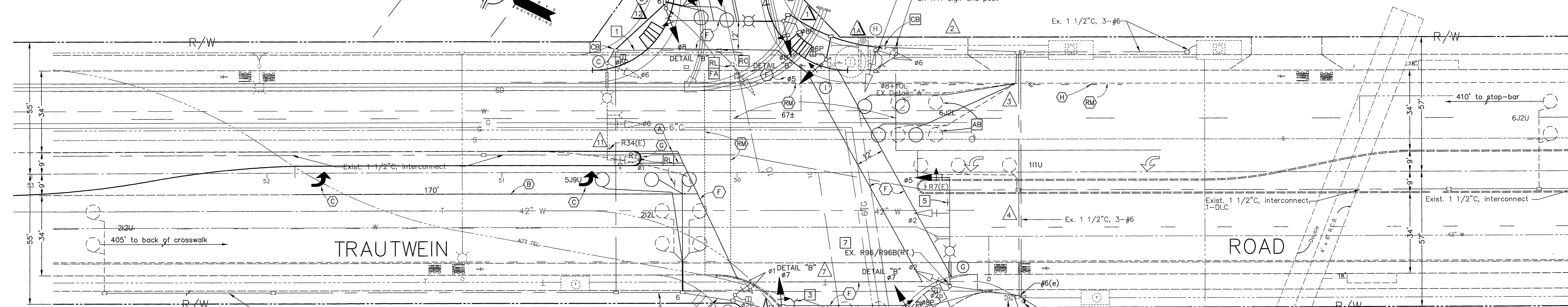


POLE SCHEDULE											
NO.	TYPE	HEIGHT	MAST ARM LENGTH		SIGNAL MOUNTING			PPB/EPB	H.P.S.V.	I.I.S.N.S.	REMARKS
			SIGNAL	LUMINAIRE	MA	POLE	PED				
A	19-4-80(N)	30'	25'(F)	12'(N)	-	SV-1-T(N)	SP-1-T(N)	6(N) 6E(N)	3	250 W (N)	INSTALL NEW POLE AND EQUIPMENT
B	1-A(R)	14'	-	-	-	TV-2-T(M)	-	6(R) 6E(N)	3		RELOCATE POLE AND EQUIPMENT, RELOCATE PED HEAD TO POLE C
C	26-4-80(E)	30'	40'(E)	12'(E)	2-MAS	SV-1-T(E)	SP-1-T(R)	-		250 W (E)	RELOCATE POLE AND EQUIPMENT, REPLACE INSERT FOR IISNS, INSTALL PED HEAD FROM POLE B.
D	1-A(E)	10'	-	-	-	TV-1-T(E)	SP-1-T(E)	-			EXISTING TO REMAIN. RELOCATE PPB TO POLE F
E	15 (E)	30'	-	12'(E)	-	SV-1-T(E)	SP-1-T(E)	2(E) 2E(N)	1	250 W (E)	EXISTING TO REMAIN AND INSTALL NEW EQUIPMENT
F	1-A(N)	10'	-	-	-	TV-1-T(N)	SP-1-T(R)	2(N) 2E(N)	1		INSTALL NEW POLE AND EQUIPMENT (PPB FROM POLE D)
G	26-4-80(E)	30'	45'(E)	12'(E)	MAS(N) MAS(N)	SV-1-T(E)	SP-1-T(E)	7(R) 7E(N)	4	250 W (E)	EXISTING TO REMAIN AND INSTALL NEW EQUIPMENT RELOCATE PPB TO QUAN 4 AND REWIRE TO Ø7
H	1-A(E)	10'	-	-	-	TV-2-T(E)	-	-			EXISTING TO REMAIN
I	1-A(N)	10'	-	-	-	TV-1-T(N)	SP-1-T(N)	7(N) 7E(N)	4		INSTALL NEW POLE AND EQUIPMENT

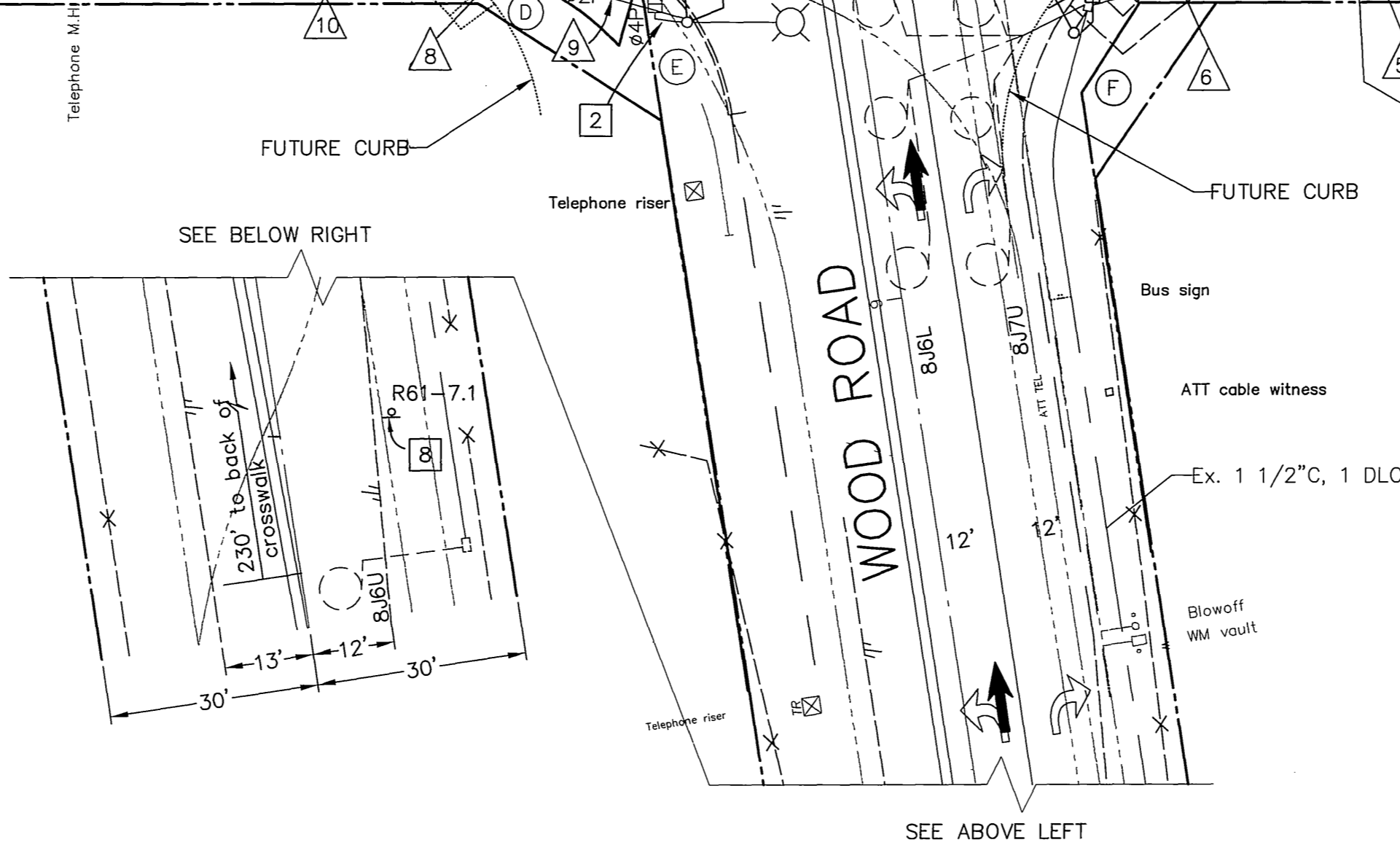
EXACT POLE LOCATION TO BE DETERMINED BY THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE IN THE FIELD
 TYPE 1-A SHALL BE SPUN ALUMINUM
 NEW VEHICLE SIGNAL SHALL HAVE 12" LENS (GLASS) AND 12" RED LED.
 CONSTRUCTION NOTES:
 (N) - FURNISH AND INSTALL
 (E) - EXISTING TO REMAIN
 (R) - RELOCATE TO NEW LOCATION
 (M) - MODIFY EXISTING TV-1-T TO TV-2-T
 (F) - FUTURE CONFIGURATION
 EPB - INSTALL EQUESTRIAN PUSHBUTTON AT 70" ABOVE GRADE; MOUNT UPSIDE DOWN
 THE EQUESTRIAN PUSHBUTTON SHALL HAVE AN EQUESTRIAN SIGN FACE



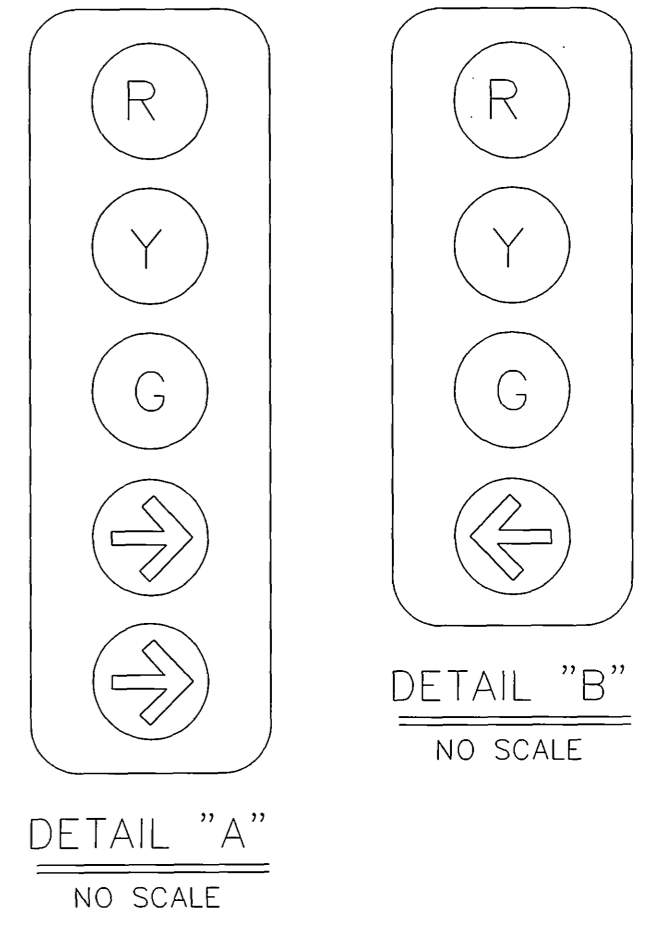
- SEE CONTRACT SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A.
- (X) EXISTING CONDUIT, PROTECT IN PLACE
 - (X) PROPOSED NEW CONDUIT
 - (X) INSTALL NEW SIGNAL CABLES OR CONDUCTORS
 - (N) - INSTALL NEW



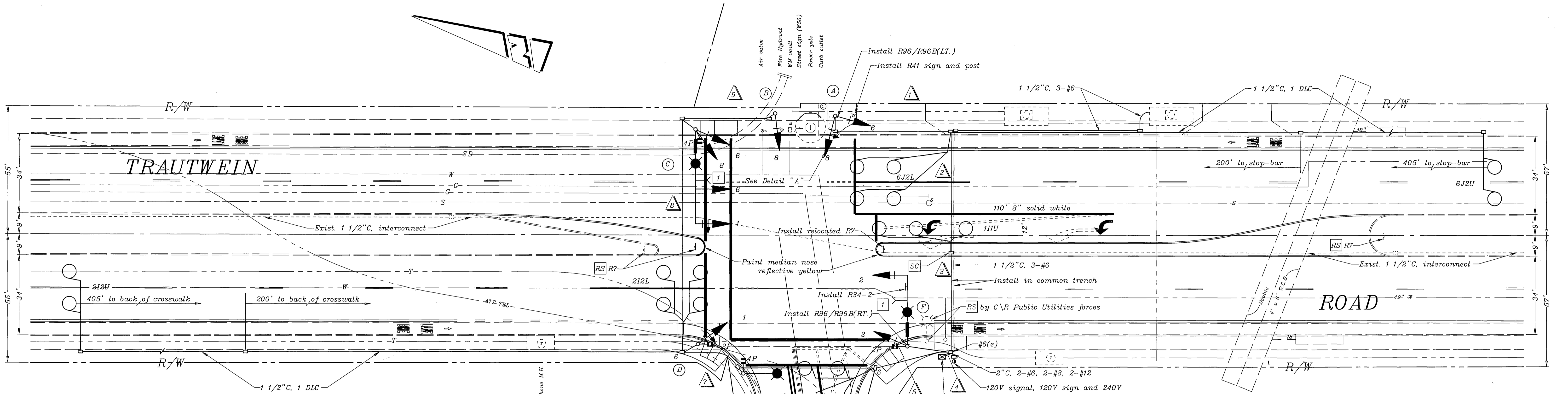
- GENERAL NOTES:**
- TRAFFIC SIGNAL WORK SHALL CONFORM TO THE PROVISIONS OF SECTION 86 OF THE MOST CURRENT STANDARD SPECIFICATIONS, THE STANDARD PLANS: BOTH PUBLISHED BY CALTRANS, APPLICABLE CITY OF RIVERSIDE STANDARD DRAWINGS, AND THE CONTRACT SPECIAL PROVISIONS.
 - ALL EQUIPMENT AND LOOP LOCATIONS SHALL BE APPROVED BY THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE PRIOR TO INSTALLATION BY CONTRACTOR.
 - ALL STRIPING, PAVEMENT MARKINGS AND SIGN REQUIREMENTS (REMOVAL OR INSTALLATIONS) SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO THE SCHEDULE TURN ON.
 - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES, PUBLIC OR PRIVATE, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF ANY UNDERGROUND FACILITY DAMAGE BY HIS OPERATIONS.
 - UNLESS SHOWN OTHERWISE, ALL INDUCTIVE LOOPS SHALL BE 6" ROUND WITH 10', 15' SPACINGS IN THE DIRECTION OF TRAVEL. NECESSARY STRIPING SHALL BE LOCATED PRIOR TO POSITIONING DETECTORS. ALL CONDUIT SIZE SHALL BE 2" MINIMUM UNLESS OTHERWISE NOTED.
 - ALL EXISTING LOOPS, SIGNAL POLES AND EQUIPMENT SHALL BE PROTECTED IN PLACE UNLESS SHOWN OTHERWISE.
 - SPlicing OF THE CONDUCTORS IS NOT ALLOWED.
 - INSPECTION FEE WILL BE AT THE RATE OF \$38.50 PER HOUR.
 - CONSTRUCTION WORK THAT WILL CAUSE DAMAGE TO THE DETECTOR LOOPS SHALL NOT BE PERFORMED UNTIL TRAFFIC SIGNAL MAINTENANCE PERSONNEL AND INSPECTOR HAVE BEEN NOTIFIED AT (909)351-6096 AND THE NECESSARY TIMING ADJUSTMENTS MADE TO MAINTAIN SIGNAL OPERATION.
 - ALL SALVAGE MATERIALS SHALL BE DELIVERED TO CITY YARD AT 8095 LINCOLN AVENUE.
 - FOR ROADWAY CONSTRUCTION DETAILS SEE STREET IMPROVEMENT PLAN R-3516
 - CALL (909) 351-6096 AT LEAST 48 HOURS IN ADVANCE FOR INSPECTION.



- CONSTRUCTION NOTES:**
- ABANDON EXIST CONDUIT, REMOVE EXISTING SIGNAL CABLE.
 - RELOCATE EXIST PED HEAD TO POLE (C).
 - INSTALL NEW PRE-EMPTION DETECTOR. SEE SPECIAL PROVISIONS.
 - MODIFY EXISTING CONTROLLER BY ADDING ADDITIONAL 3 SENSOR UNITS TO CITY SPECIFICATIONS. THE MODIFICATIONS SHALL BE PERFORMED BY A MANUFACTURER CERTIFIED TECHNICIAN AS PART OF THE PROJECT.
 - REMOVE EXIST R34-2 SIGN.
 - RELOCATE SIGN TO POLE (D).
 - RELOCATE SIGN TO POLE (C).
 - REMOVE EX. R61-20.1 AND INSTALL NEW R61-7.1 SIGN
- STRIPING NOTES:**
- INSTALL DETAIL 22
 - INSTALL DETAIL 38
 - INSTALL TYPE IV (L OR R) ARROW
 - INSTALL TYPE VII (L) ARROW
 - INSTALL TYPE I-10 ARROW TO FORM TYPE VII (L) ARROW
 - INSTALL 12" SOLID WHITE (X-WALK OR LIMIT LINE
 - PAINT MEDIAN NOSE REFLECTIVE YELLOW
 - REMOVE EXISTING DETAIL 39, INSTALL DETAIL 39A (96')
 - REMOVE EXISTING STRIPE OR MARKING BY WET SAND BLASTING.



Underground Service Alert Call: TOLL FREE 1 - 800 227-2600 TWO WORKING DAYS BEFORE YOU DIG	PRIVATE ENGINEERING NOTE CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.	REGISTERED PROFESSIONAL ENGINEER DANIEL J. O'ROURKE No. 47677 Exp. 12/31/99 CIVIL STATE OF CALIFORNIA	PREPARED UNDER THE DIRECTION OF: Wain J. O'Rourke REGISTERED CIVIL ENGINEER NO. 47677 EXPIRATION DATE: 12-31-99 DATE: 2-24-99	KORVE ENGINEERING 290 North "D" Street, Suite 504, San Bernardino, CA 92401 TEL (909) 884 - 4777 FAX (909) 884 - 2277	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY: [Signature] PRINCIPAL ENGR. [Signature] PARK DEPARTMENT [Signature] TRAFFIC DIVISION [Signature] P.W. ENGINEER, MGR [Signature] STREET SERVICES [Signature]	TRACT No. 28491-1 SIGNAL MODIFICATION PLAN TRAUTWEIN ROAD AND WOOD ROAD / J. F. KENNEDY DR. FOR: REGIONAL PROPERTIES	PROJECT NO. X-386B SHEET 1 of 1 FILE NO.:



CONDUCTOR TABLE

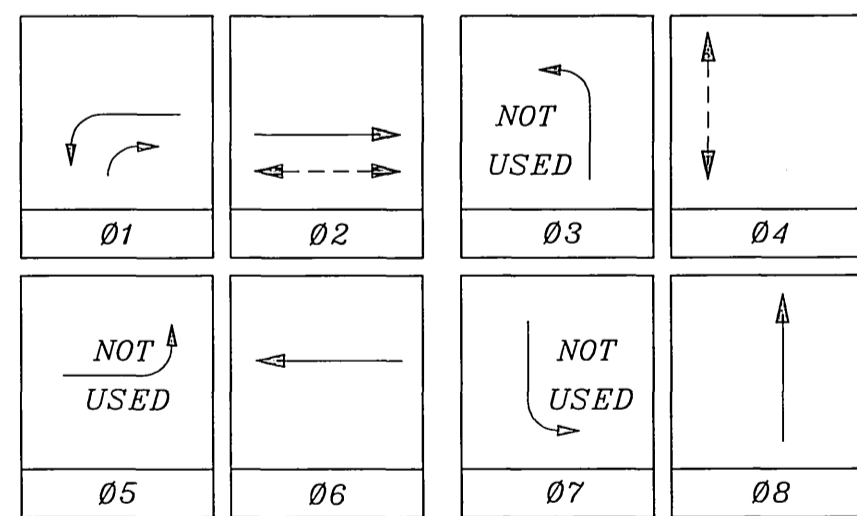
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS								
		1	2	3	4	5	6	7	8	9
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA 9 WIRE IMSA 5 WIRE IMSA 3 WIRE IMSA									
DETECTOR CABLE	#16/2									
PHASE 1			1	1	1					
PHASE 2					2	2	2	2		
PHASE 6			2	2	2					
PHASE 8					3	3				
PRIORITY PRE-EMPT	#20			2	1	1	1	1		
I.I.S.N.S.	#12				2	2	2	2		
LUMINAIRES	#8				2	2	2	2		
SIGNAL SERVICE	#6									
INTERCONNECT	#19		1	1						
CONDUIT SIZE		2"	2"	2.5"	2-3"	3"	3"	2.5"	2.5"	2"

EQUIPMENT SCHEDULE

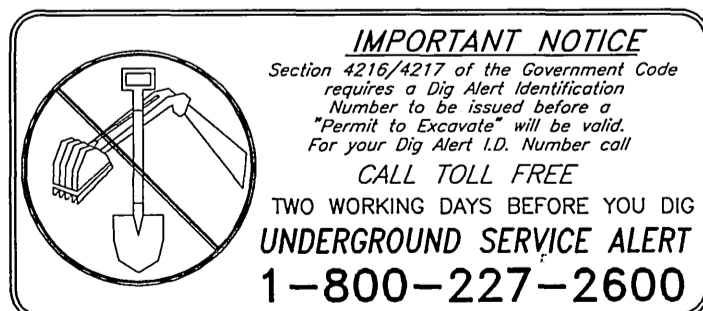
NO.	SIGNAL STANDARD TYPE	H'CHT	M.A.	LUMINAIRE L.A.	H.P.S.V.	I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS			PPB PHASE
							VEHICLE	PEDESTRIAN	AUDIBLE	
(A)	1A	10'					TV-1-T			
(B)	1A	14'					TV-1-T			
(C)	26-4-80	30'	40'	12'	250W WOOD	RD	MAS SV-2-TD	SP-1-T		4
(D)	1A	10'					TV-1-T	SP-1-T		4
(E)	TYPE 15	30'		12'	250W			SP-1-T		2
(G)	19-2-80	30'	30'	12'	250W WOOD	RD	MAS SV-1-T	SP-1-T		2

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.

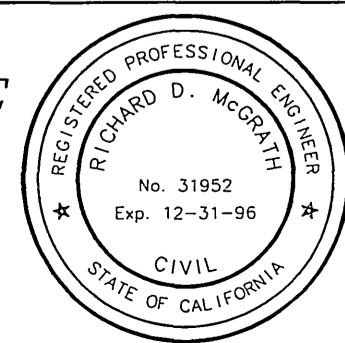
PHASE DIAGRAM



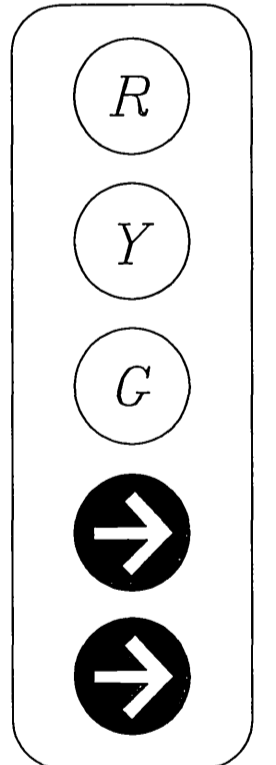
FLASHING OPERATION SHALL BE ALL RED.



ENGINEER IN RESPONSIBLE CHARGE
 Richard D. McGrath
 RICHARD D. McGRATH
 R.C.E. No. 31952 expires 12/31/96
 DATE 11/7/96



MARK	REVISIONS	APPR.	DATE



DETAIL "A"
NO SCALE

*Superseded
See X-386C*

GENERAL NOTES

- Detector loops shall be installed in the presence of the Traffic Engineer or his representative.
- All signing, striping, and pavement marking requirements shall be completed at least one day prior to turn-on.
- Typical detector loop spacing: 10', 15', and 30' (where applicable).
- See R-3459 for street improvements.

CONSTRUCTION NOTES

- Sign not shown on plan to be replaced with W41 sign, exist as follows:
 Wood Rd. (EB) - 1 ea. W17
 Trautwien Rd. (NB) - 2 ea. W6/W7A
 Trautwien Rd. (SB) - 2 ea. W6/W7A
- Install Traffic Signal Priority Pre-emption Detector.

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-96-7

CONTRACTOR LICENSE REQUIREMENTS: "A" OR "C-10"

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	MAC	11/7/96	DIRECTOR OF PUBLIC WORKS
TRAFFIC DIVISION	MAC	11/7/96	
CHIEF P.W. ENGR.	MAC	11/7/96	
PUBLIC UTILITIES	MAC	11/7/96	

TRAFFIC SIGNAL
TRAUTWEIN ROAD
 @
WOOD ROAD
 SCALE: 1" = 20'

ACCT. NO. 0451-570300-455123
X-386
 SHEET 1 OF 1
 FILE NAME: X386.DWC