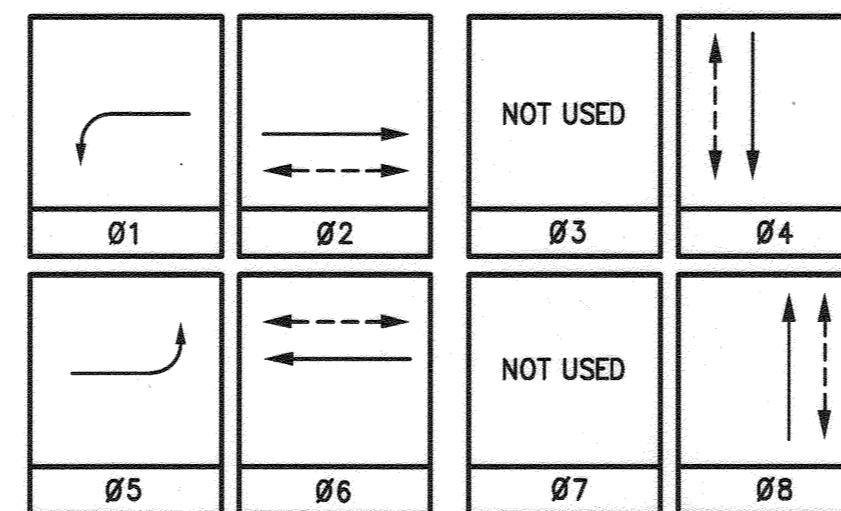


EQUIPMENT SCHEDULE

No.	TYPE	STANDARD			LUMINAIRE H.P.S.	ISNS LEGEND	SIGNAL MOUNTING			PPB PHASE	REMARKS	
		HGT.	SIG. M.A.	LUM. M.A.			VEHICLE	PED	AUDIBLE			
A	24-4-100	30'	35'	12'	250W	Main	SV-1-T	SP-2-T(N)	-	#4(N)	1 NEW PED INDICATION AND 1 NEW PPB	
B	1-A	10'	-	-	-	-	-	-	-	#6		
C	19-3-70	30'	30'	12'	250W	-	MAS	SV-1-T	SP-1-T	-	#6	
D	1-A	10'	-	-	-	-	-	SV-1-T	SP-1-T	-	#8	
E	24A-4-70	35'	35'	15'	250W	Main	MAS	SV-1-T	SP-2-T	-	#8	
F	17-2-80	30'	20'	12'	250W	Fourteenth	MAS	-	-	-	#2	
G	1-A	10'	-	-	-	-	-	SV-1-T	SP-2-T(N)	-	#2, #4(N)	1 NEW PED INDICATION AND 1 NEW PPB

ALL EQUIPMENT EXISTING UNLESS SHOWN (N) NEW
 PEDESTRIAN AUDIBLES: C=CUCKOO (NORTH/SOUTH), P=PEEP PEEP (EAST/WEST)
 1. PEDESTRIAN INDICATIONS SHALL HAVE L.E.D. TYPE INDICATIONS.

PHASE DIAGRAM



CONDUCTOR TABLE

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS						
		1	2	3	4	5	6	7
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 CSC	1	2	3	3	7	-	2
	3 CSC	1	2	3	3	6	-	2
	5 CSC			1(N)	1(N)	2(N)		
DETECTOR CABLE	TYPE B							
PHASE 1						1(N)	1	1(N)
PHASE 2						2	2	
PHASE 4							2	2
PHASE 5						1(N)	1	1(N)
PHASE 6							2	2
PHASE 8						1(N)	1(N)	2
I.I.S.N.S.	#12	2	2	2	2			
LUMINAIRES	#8	2	2	2	2			2
SIGNAL SERVICE	#6						2	
INTERCONNECT	6PR#19						2	
VEHICLE PREEMPTION	#20/3		2	2	2	4		
CONDUIT SIZE		2"	2"	2"	2"	2-4"	2"	2.5"

ALL CONDUIT AND CONDUCTORS ARE EXISTING UNLESS SHOWN (N) NEW.

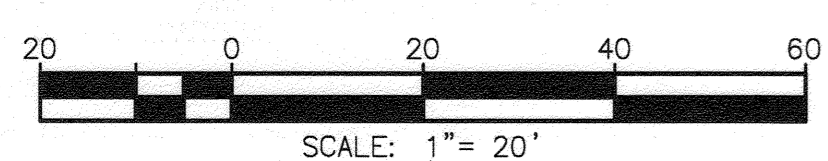
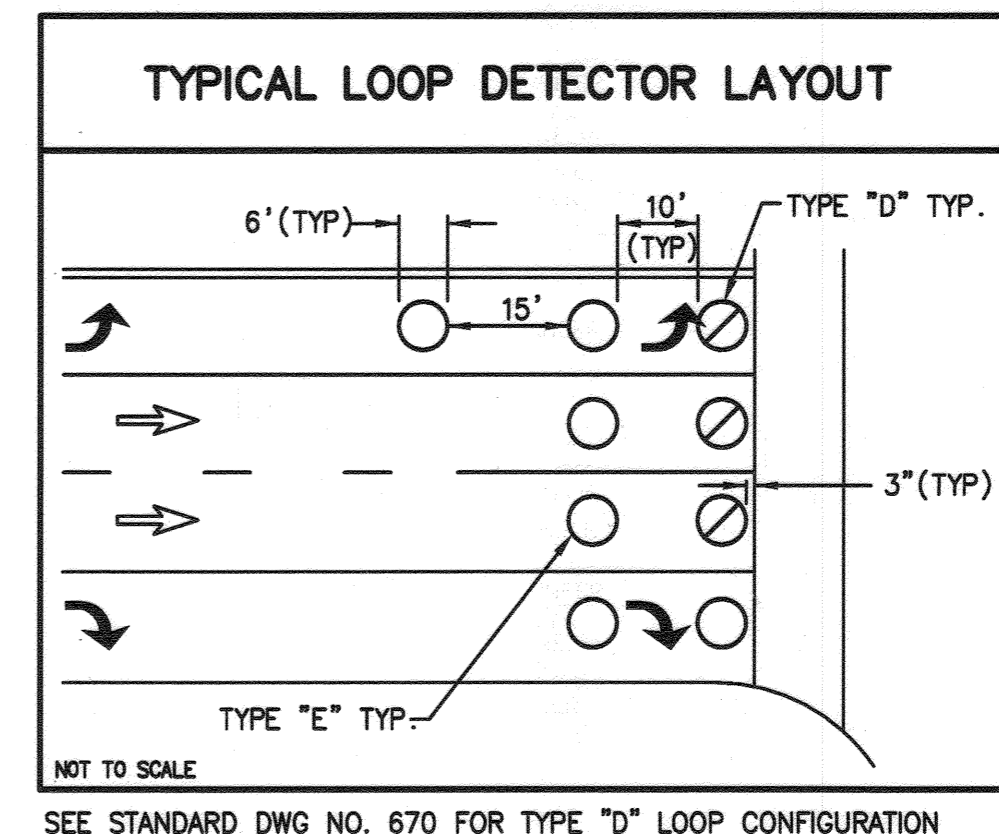
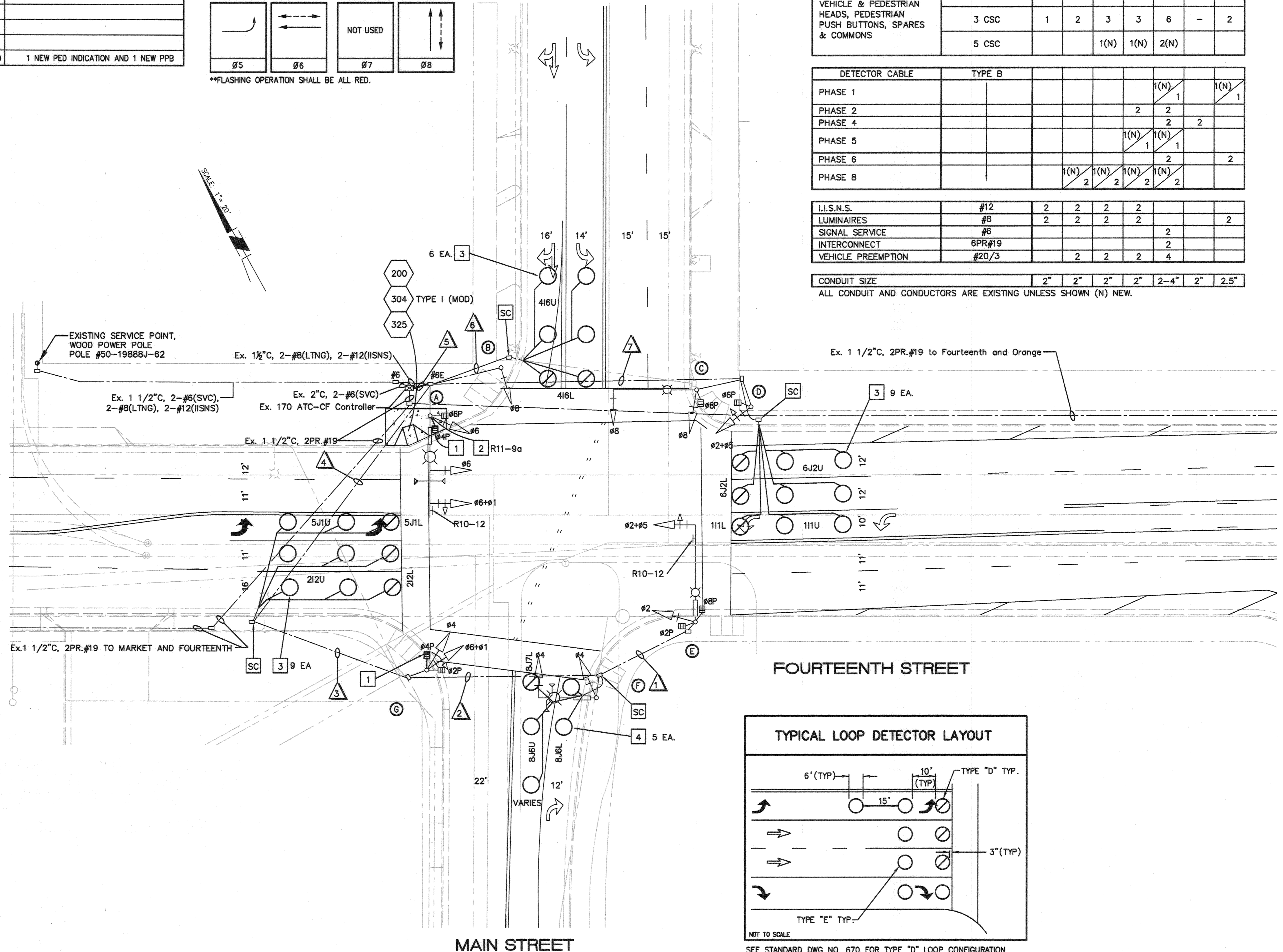
CONSTRUCTION NOTES

- INSTALL NEW EQUIPMENT AS NOTED
- REMOVE SIGN (NO POST)
- INSTALL NEW LOOP DETECTORS AS NOTED
- 200 CONSTRUCT P.C.C. CONCRETE CURB PER CITY OF RIVERSIDE STANDARD DRAWING NO. 200.
- 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.

TRAFFIC SIGNAL GENERAL NOTES:

- ALL ITEMS FURNISHED AND ALL WORK TO BE DONE SHALL CONFORM TO THE REQUIREMENTS OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS, DATED 2006; THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES ADOPTED 2014; AND THE SPECIAL PROVISIONS.
- UTILITIES SHOWN ON THE PLAN ARE CORRECT AND ACCURATE TO THE EXTENT OF AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE STEPS TO ASCERTAIN THE EXACT LOCATION OF ALL KNOWN SUBSTRUCTURES PRIOR TO DOING WORK THAT MAY DAMAGE OR INTERFERE WITH SUCH FACILITIES ("UNDERGROUND SERVICE ALERT" (800) 227-2600).
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO NOTIFY ALL AFFECTED AGENCIES AND THE RIVERSIDE UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.
- CONDUCTOR SCHEDULE IS FURNISHED AS AN INSTALLATION GUIDELINE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION.
- CONDUIT BETWEEN ADJOINING PULL BOXES SHALL BE 2" UNLESS SHOWN OTHERWISE. ALL CONDUIT AND FITTINGS SHALL BE RIGID METAL, UNLESS SHOWN OTHERWISE (BURIED IN A MINIMUM OF 30" OF COVER IN THE STREET AND PARKWAY).
- TRAFFIC SIGNAL INTERCONNECT (SIC) SHALL BE 2" UNLESS SHOWN OTHERWISE, BURIED IN A MINIMUM OF 30" OF COVER IN THE STREET AND PARKWAY. NO. 6 PULL BOXES WITH LIDS LABELED "COMMUNICATORS", SHALL BE SPACED AT 400' AND THE MAXIMUM SIC BENDING RADIUS SHALL NOT EXCEED 45'. SIC CONDUIT SHALL ONLY INCLUDE SIGNAL INTERCONNECT CONDUCTORS.
- UNDERGROUND SIGNAL CONDUCTORS SHALL NOT BE SPLICED.
- PULL BOXES SHALL BE NO. 6 WITH FIBERLITE LIDS LABELED "TRAFFIC SIGNAL" UNLESS OTHERWISE NOTED ON THE PLAN.
- PULL BOXES SHALL NOT BE LOCATED IN OR WITHIN 1' OF ANY CURB ACCESS RAMP OR DRIVEWAY.
- THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE PRECISE FIELD LOCATIONS OF ALL TRAFFIC SIGNAL EQUIPMENT PRIOR TO THE INSTALLATION.
- ALL LANDSCAPING WHICH IS DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE CITY AND THE PROPERTY OWNER.
- SALVAGED TRAFFIC SIGNAL EQUIPMENT SHALL BE DELIVERED TO THE CITY OF RIVERSIDE TRAFFIC SIGNAL MAINTENANCE YARD.
- DAMAGED SIDEWALK CONCRETE SHALL BE REPLACED PER CITY OF RIVERSIDE STANDARD.
- THE CONTRACTOR SHALL REMOVE ALL UNUSED PULL BOXES AND RE-PAVE SURROUNDING AREA TO MATCH EXISTING OR PROPOSED GRADE. ALL UNUSED CONDUIT SHALL BE ABANDONED AND CAPPED ONCE UNUSED CONDUCTORS ARE REMOVED.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FURNISH AND INSTALL ANY ADDITIONAL LOAD SWITCHES AND/OR DETECTOR CARDS, IF NECESSARY, FOR THE PROPOSED OPERATION.
- ALL CONTRACTORS WORKING ON OR AROUND THE CITY OF RIVERSIDE'S UNDERGROUND ELECTRICAL FACILITIES MUST HAVE THE PROPERLY QUALIFIED PERSONNEL AND EQUIPMENT TO PERFORM THE SPECIFIED WORK. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE TO ESTABLISH AND MAINTAIN A SAFE WORKING ENVIRONMENT INCLUDING, BUT NOT LIMITED TO WORK AROUND ENERGIZED HIGH VOLTAGE FACILITIES, GAS TESTING OF CONFINED SPACES, TRAFFIC AND PROTECTION.

EVERY ENTRY BY ANY PERSONNEL INTO A PUBLIC UTILITIES HIGH VOLTAGE STRUCTURE WILL REQUIRE THE PRESENCE OF A QUALIFIED ELECTRICAL WORKER IN ACCORDANCE WITH Cal/OSHA. ALL DEVELOPERS AND CONTRACTORS ARE REQUIRED TO SUBMIT REQUIRED DOCUMENTATION AND FOLLOW REQUIRED PROCEDURES. COPIES OF THE POLICY AND DOCUMENTS MAY BE OBTAINED AT 3901 ORANGE ST. RIVERSIDE, CA OR AT WWW.RIVERSIDEPUBLICUTILITIES.COM.



Under Ground Service Alert of Southern California
 Call: TOLL FREE 1-800 227-2600
 TWO WORKING DAYS BEFORE YOU DIG

ENGINEER IN RESPONSIBLE CHARGE
 GILBERT M. HERNANDEZ
 R.C.E. No. 69170 EXPIRES: 6-30-18
 DATE 5-2-17

MARK	REVISIONS	APPR. DATE

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature] DATE: 5/17/17
 ENGINEERING MANAGER
 TRAFFIC DIVISION
 CONSTRUCTION ADMIN. [Signature] DATE: 5/17/17

TRAFFIC SIGNAL PLAN
 FOURTEENTH STREET AND MAIN STREET
 SCALE: 1" = 20'

X-170B
 SHEET 1 OF 1
 FILE NAME: X-107B.DWG