

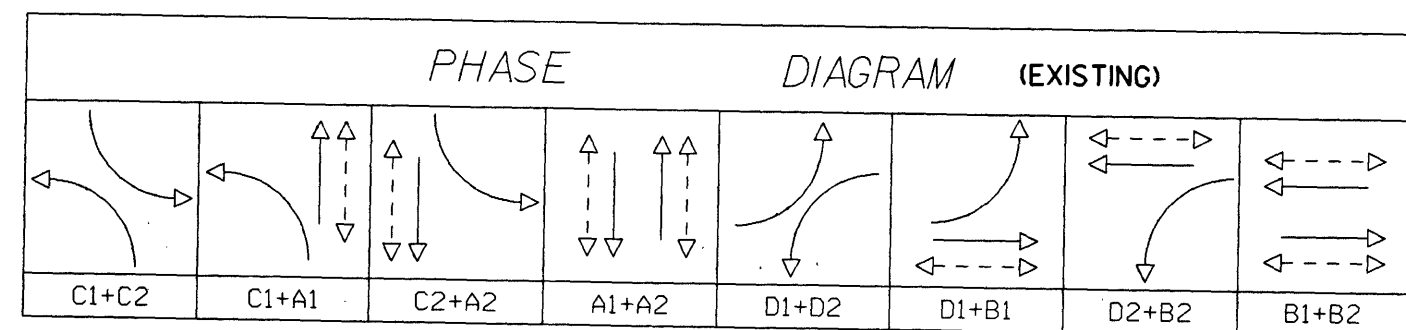
DRAWING NUMBER
B220.1
REDHILL
SANTA ANA AVE.
BRISTOL STREET
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CALTRANS
FORM DC-0E-92-PF (REV. 3/88)

CONDUCTOR SCHEDULE		RUN				
AWG	CIRCUIT	1	2	3	4	5
SCC-3		2	2	4	5	8
SCC-12		2	2	4	5	8
# 10	LUMINAIRE	2	2	2	2	
# 12 DLC	A1		3	3	3	3
	A2				3	3
	B1	2				2
	B2			2	2	2
	C1		2	2	2	2
	C2				2	2
	D1	1				1
	D2			2	2	2
TOTAL		3	5	9	14	17
CONDUIT SIZE		2-3"	2-2 1/2"	2-3"	2-3"	2-3"

SCC-3 = SIGNAL CONDUCTOR CABLE (3-#14)
SCC-12 = SIGNAL CONDUCTOR CABLE (11-#14, 1-#12)
(PER CALTRANS STD. SPECIFICATIONS JULY 1992)

LEGEND

- AB ABANDON
- BC INSTALL PULL BOX IN EXISTING CONDUIT RUN.
- CB INSTALL CONDUIT INTO EXISTING PULL BOX.
- RL RELOCATE
- RR REMOVE AND REUSE EQUIPMENT
- RS REMOVE AND SALVAGE
- SC SPLICE NEW CONDUCTORS TO EXISTING CONDUCTORS.
- P PROTECT IN PLACE



DIST 12 COUNTY Ora ROUTE 00 POST MILES TOTAL PROJECT 00000 SHEET NO. 16 TOTAL SHEETS 29

1-10-96 DATE

REGISTERED CIVIL ENGINEER

APPROVED BY COUNTY TRAFFIC ENGINEER

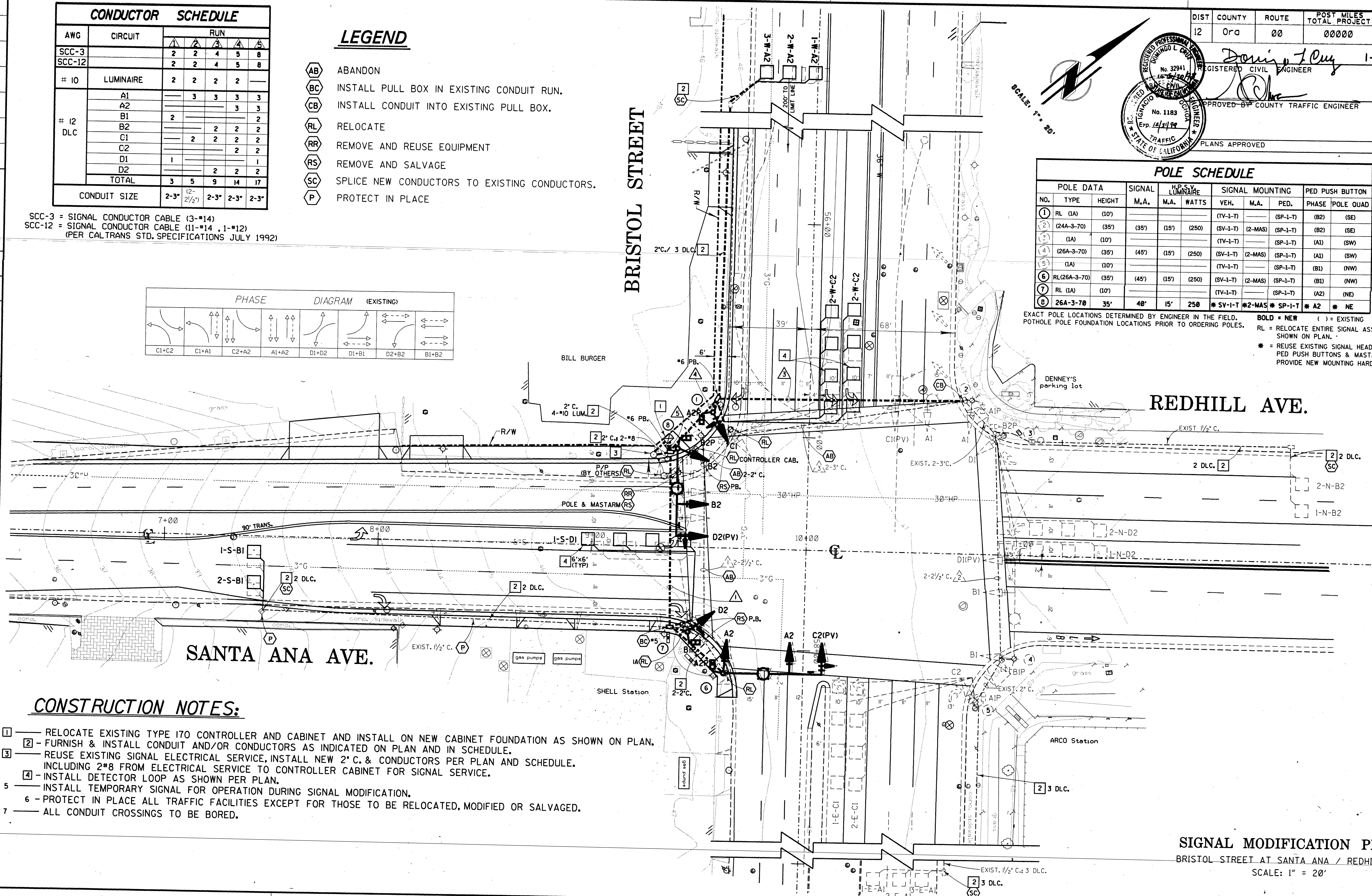
PLANS APPROVED

POLE DATA		SIGNAL		H.P.S.V. LUMINAIRE		SIGNAL MOUNTING		PED PUSH BUTTON	
NO.	TYPE	HEIGHT	M.A.	M.A.	WATTS	VEH.	M.A.	PED.	PHASE POLE QUAD
1	RL (1A)	(10')				(TV-1-T)		(SP-1-T)	(B2) (SE)
2	(24A-3-70)	(35')	(35')	(15')	(250)	(SV-1-T)	(2-MAS)	(SP-1-T)	(B2) (SE)
3	(1A)	(10')				(TV-1-T)		(SP-1-T)	(A1) (SW)
4	(26A-3-70)	(35')	(45')	(15')	(250)	(SV-1-T)	(2-MAS)	(SP-1-T)	(A1) (SW)
5	(1A)	(10')				(TV-1-T)		(SP-1-T)	(B1) (NW)
6	RL(26A-3-70)	(35')	(45')	(15')	(250)	(SV-1-T)	(2-MAS)	(SP-1-T)	(B1) (NW)
7	RL (1A)	(10')				(TV-1-T)		(SP-1-T)	(A2) (NE)
8	26A-3-70	35'	40'	15'	250	SV-1-T	2-MAS	SP-1-T	A2 NE

EXACT POLE LOCATIONS DETERMINED BY ENGINEER IN THE FIELD.
POTHOLE POLE FOUNDATION LOCATIONS PRIOR TO ORDERING POLES.

BOLD = NEW () = EXISTING
RL = RELOCATE ENTIRE SIGNAL ASSEMBLY AS SHOWN ON PLAN.

* = REUSE EXISTING SIGNAL HEADS, PED HEAD, PED PUSH BUTTONS & MASTARM SIGNS. PROVIDE NEW MOUNTING HARDWARE IF NEEDED.



CONSTRUCTION NOTES:

- RELOCATE EXISTING TYPE 170 CONTROLLER AND CABINET AND INSTALL ON NEW CABINET FOUNDATION AS SHOWN ON PLAN.
- FURNISH & INSTALL CONDUIT AND/OR CONDUCTORS AS INDICATED ON PLAN AND IN SCHEDULE.
- REUSE EXISTING SIGNAL ELECTRICAL SERVICE, INSTALL NEW 2" C. & CONDUCTORS PER PLAN AND SCHEDULE, INCLUDING 2" 8 FROM ELECTRICAL SERVICE TO CONTROLLER CABINET FOR SIGNAL SERVICE.
- INSTALL DETECTOR LOOP AS SHOWN PER PLAN.
- INSTALL TEMPORARY SIGNAL FOR OPERATION DURING SIGNAL MODIFICATION.
- PROTECT IN PLACE ALL TRAFFIC FACILITIES EXCEPT FOR THOSE TO BE RELOCATED, MODIFIED OR SALVAGED.
- ALL CONDUIT CROSSINGS TO BE BORED.

SIGNAL MODIFICATION PLAN
BRISTOL STREET AT SANTA ANA / REDHILL AVE.
SCALE: 1" = 20'