

CONDUCTOR SCHEDULE	
AVG	CIRCUIT
#1	3 3 3 3 6
#2	3 3 3 3 6
#3	3 3 3 3 6
#4	3 3 3 3 6
#5	3 3 3 3 6
#6	3 3 3 3 6
#7	3 3 3 3 6
#8	3 3 3 3 6
#9	3 3 3 3 6
#10	3 3 3 3 6
#11	3 3 3 3 6
#12	3 3 3 3 6
#13	3 3 3 3 6
#14	3 3 3 3 6
#15	3 3 3 3 6
#16	3 3 3 3 6
#17	3 3 3 3 6
#18	3 3 3 3 6
#19	3 3 3 3 6
#20	3 3 3 3 6
#21	3 3 3 3 6
#22	3 3 3 3 6
#23	3 3 3 3 6
#24	3 3 3 3 6
#25	3 3 3 3 6
#26	3 3 3 3 6
#27	3 3 3 3 6
#28	3 3 3 3 6
#29	3 3 3 3 6
#30	3 3 3 3 6
#31	3 3 3 3 6
#32	3 3 3 3 6
#33	3 3 3 3 6
#34	3 3 3 3 6
#35	3 3 3 3 6
#36	3 3 3 3 6
#37	3 3 3 3 6
#38	3 3 3 3 6
#39	3 3 3 3 6
#40	3 3 3 3 6
#41	3 3 3 3 6
#42	3 3 3 3 6
#43	3 3 3 3 6
#44	3 3 3 3 6
#45	3 3 3 3 6
#46	3 3 3 3 6
#47	3 3 3 3 6
#48	3 3 3 3 6
#49	3 3 3 3 6
#50	3 3 3 3 6
#51	3 3 3 3 6
#52	3 3 3 3 6
#53	3 3 3 3 6
#54	3 3 3 3 6
#55	3 3 3 3 6
#56	3 3 3 3 6
#57	3 3 3 3 6
#58	3 3 3 3 6
#59	3 3 3 3 6
#60	3 3 3 3 6
#61	3 3 3 3 6
#62	3 3 3 3 6
#63	3 3 3 3 6
#64	3 3 3 3 6
#65	3 3 3 3 6
#66	3 3 3 3 6
#67	3 3 3 3 6
#68	3 3 3 3 6
#69	3 3 3 3 6
#70	3 3 3 3 6
#71	3 3 3 3 6
#72	3 3 3 3 6
#73	3 3 3 3 6
#74	3 3 3 3 6
#75	3 3 3 3 6
#76	3 3 3 3 6
#77	3 3 3 3 6
#78	3 3 3 3 6
#79	3 3 3 3 6
#80	3 3 3 3 6
#81	3 3 3 3 6
#82	3 3 3 3 6
#83	3 3 3 3 6
#84	3 3 3 3 6
#85	3 3 3 3 6
#86	3 3 3 3 6
#87	3 3 3 3 6
#88	3 3 3 3 6
#89	3 3 3 3 6
#90	3 3 3 3 6
#91	3 3 3 3 6
#92	3 3 3 3 6
#93	3 3 3 3 6
#94	3 3 3 3 6
#95	3 3 3 3 6
#96	3 3 3 3 6
#97	3 3 3 3 6
#98	3 3 3 3 6
#99	3 3 3 3 6
#100	3 3 3 3 6

INDUCTIVE LOOP DETECTOR SCHEDULE *	
SENSOR UNIT	DETECTOR
#1	1-05 [1]
#2	2-01 [2]
#3	2-02 [3]
#4	2-03 [4]
#5	2-04 [5]
#6	2-05 [6]
#7	2-06 [7]
#8	2-07 [8]
#9	2-08 [9]
#10	2-09 [10]
#11	2-10 [11]
#12	2-11 [12]
#13	2-12 [13]
#14	2-13 [14]
#15	2-14 [15]
#16	2-15 [16]
#17	2-16 [17]
#18	2-17 [18]
#19	2-18 [19]
#20	2-19 [20]
#21	2-20 [21]
#22	2-21 [22]
#23	2-22 [23]
#24	2-23 [24]
#25	2-24 [25]
#26	2-25 [26]
#27	2-26 [27]
#28	2-27 [28]
#29	2-28 [29]
#30	2-29 [30]
#31	2-30 [31]
#32	2-31 [32]
#33	2-32 [33]
#34	2-33 [34]
#35	2-34 [35]
#36	2-35 [36]
#37	2-36 [37]
#38	2-37 [38]
#39	2-38 [39]
#40	2-39 [40]
#41	2-40 [41]
#42	2-41 [42]
#43	2-42 [43]
#44	2-43 [44]
#45	2-44 [45]
#46	2-45 [46]
#47	2-46 [47]
#48	2-47 [48]
#49	2-48 [49]
#50	2-49 [50]
#51	2-50 [51]
#52	2-51 [52]
#53	2-52 [53]
#54	2-53 [54]
#55	2-54 [55]
#56	2-55 [56]
#57	2-56 [57]
#58	2-57 [58]
#59	2-58 [59]
#60	2-59 [60]
#61	2-60 [61]
#62	2-61 [62]
#63	2-62 [63]
#64	2-63 [64]
#65	2-64 [65]
#66	2-65 [66]
#67	2-66 [67]
#68	2-67 [68]
#69	2-68 [69]
#70	2-69 [70]
#71	2-70 [71]
#72	2-71 [72]
#73	2-72 [73]
#74	2-73 [74]
#75	2-74 [75]
#76	2-75 [76]
#77	2-76 [77]
#78	2-77 [78]
#79	2-78 [79]
#80	2-79 [80]
#81	2-80 [81]
#82	2-81 [82]
#83	2-82 [83]
#84	2-83 [84]
#85	2-84 [85]
#86	2-85 [86]
#87	2-86 [87]
#88	2-87 [88]
#89	2-88 [89]
#90	2-89 [90]
#91	2-90 [91]
#92	2-91 [92]
#93	2-92 [93]
#94	2-93 [94]
#95	2-94 [95]
#96	2-95 [96]
#97	2-96 [97]
#98	2-97 [98]
#99	2-98 [99]
#100	2-99 [100]

DETECTOR LOOP LOCATIONS SHALL BE APPROVED BY ENGINEER IN FIELD PRIOR TO INSTALLATION. DETECTOR UNITS SHALL BE RACK MOUNTED, DUAL CHANNEL, DUAL OUTPUT PER CHANNEL WITH INTEGRAL COLORATED EXTENSION AND DELAY CAPABILITY. OUTPUT "A" SHALL BE TIED TO DETECTOR SYSTEM SAMPLING AND COUNT. OUTPUT DETECTORS SHALL NOT EXTEND ON RED.

(F) SYSTEM SAMPLING
(G) VCS INPUT NUMBER
(H) REMOTE DETECTOR RACK AS SHOWN PER DETECTOR SCHEDULE

* REMOTE DETECTOR RACK AS SHOWN PER DETECTOR SCHEDULE

17TH STREET

BRENAN

ESPLANADE AVENUE

17TH STREET

GENERAL NOTES THIS SHEET.

- POURWAY IMPROVEMENT STRIPING PER SHEET 14 OF 17, SCHEDULE "A" COORDINATE SIGNAL IMPROVEMENTS WITH STRIPING.
- REFER TO SHEET 13 OF 17 FOR ADDITIONAL GENERAL NOTES.
- TRAFFIC SIGNAL SHALL REMAIN FULLY OPERATIONAL DURING CONSTRUCTION.

POLE SCHEDULE	
POLE	DATA
NB	TYPE HEIGHT MA M.A. WATTS VEH. MA. PED. PHASE
1	17-3-70(N) 30' 20'(N) 12'(N) 200W(N) SV-1-T(N) MAS(N) SP-1-CS(N) 6 S
2	1A(E) 10' - - - - - TV-1-T - - - - - SP-1-CS(N) 8 W
3	28-5-70(N) 30' 50'(N) 15'(N) 250W(N) SV-1-T(N) 2-MAS SP-1-CS(N) 8 W
4	1A(N) 10' - - - - - TV-1-T(N) - - - - - SP-1-CS(N) 2 N
5	19-4-70(N) 30' 30'(E) 12'(E) 200W(N) SV-1-T(N) MAS(N) SP-1-CS(N) 2 N
6	1A(R) 10' - - - - - TV-1-T(N) - - - - - SP-1-CS(N) 4 E
7	28-4-70(N) 30' 45'(N) 15'(N) 250W(N) SV-1-T(N) 2-MAS SP-1-CS 4 E
8	1A(N) 10' - - - - - TV-1-T - - - - - SP-1-CS(N) 6 (E) S (E)

EXACT POLE LOCATIONS DETERMINED BY ENGINEER IN THE FIELD.

POTHOLE POLE FOUNDATION LOCATIONS PRIOR TO ORDERING POLES.

(R) = RELOCATE (N) = NEW (E) = EXISTING (W) = MODIFY

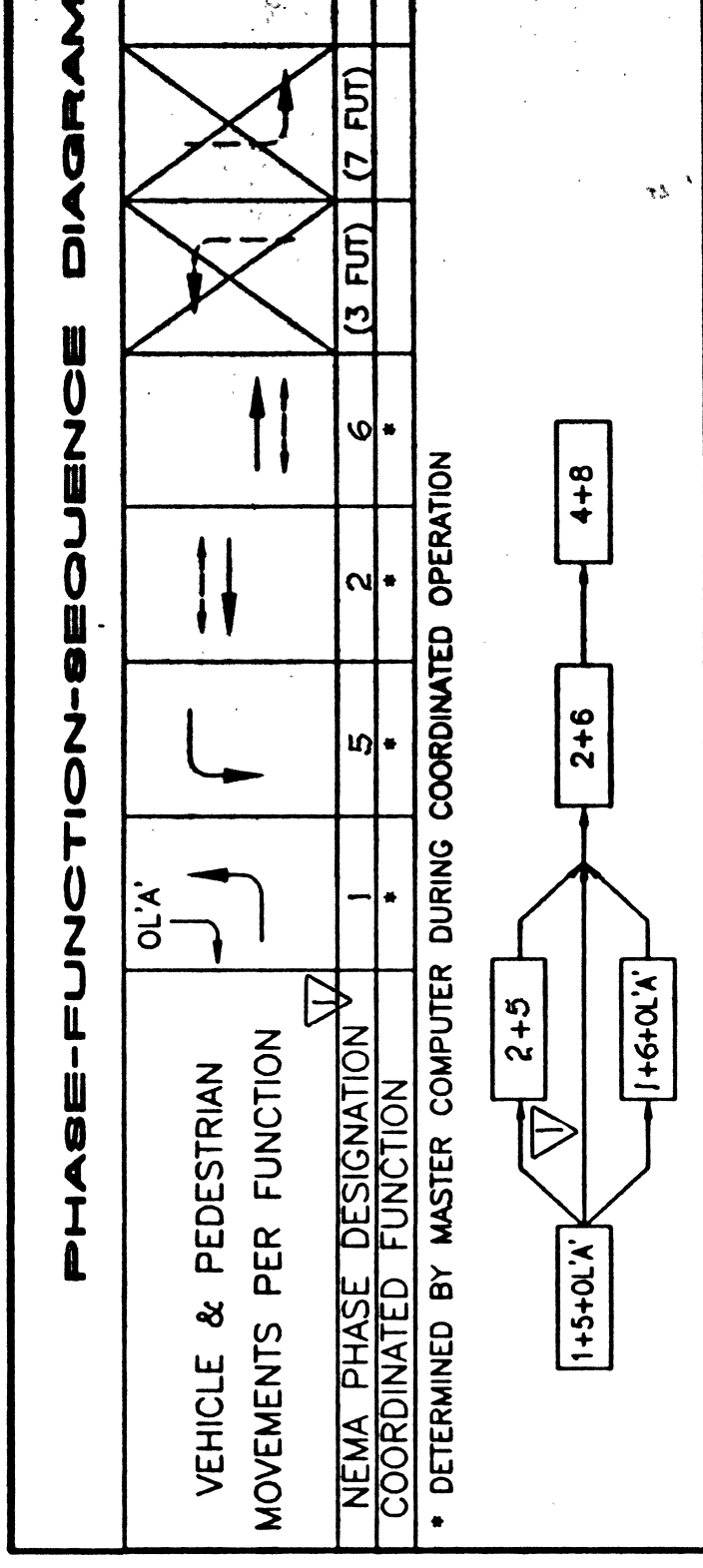
SEE DETAIL C, SHEET 13 OF 17.

CONSTRUCTION NOTES (THIS SHEET)

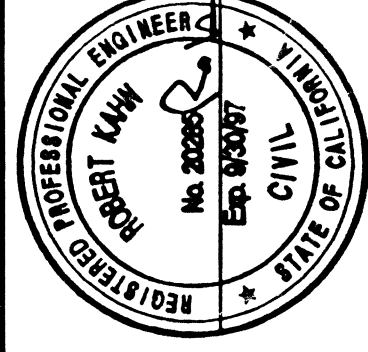
- ABANDON, IF APPLIED TO CONDUIT REMOVE CONDUCTORS.
- REMOVE AND RELOCATE.
- REMOVE AND SALVAGE.
- INSTALL PULL BOX INTO EXISTING CONDUIT.
- INSTALL CONDUIT INTO EXISTING PULL BOX.
- EQUIPMENT TO BE REMOVED AND BECOME THE PROPERTY THE CONTRACTOR.
- EXISTING COUNTY CONTROLLER & CABINET. MODIFY FOR INTENDED OPERATION.
- ALL RELOCATED EQUIPMENT SHALL BE PAINTED PRIOR TO COMPLETION OF PROJECT.

- AB
- RR
- RS
- BC
- CB
- RC
- 1

- 3 EXISTING 1 1/2" CONDUIT WITH CONDUCTORS INTO ELECTRICAL SERVICE POINT. CONTRACTOR TO RELOCATE ELECTRICAL CONDUIT PER SCALE REQUIREMENTS AND PROVIDE MATERIALS AS NEEDED. (INSTALL NEW CONDUCTORS)
- 4 INSTALL EYP CABLE FROM END OF MAST ARM TO CONTROLLER CABINET. COIL 15' OF CABLE INSIDE CABINET.
- 5 FURNISH AND INSTALL SIGN AS INDICATED.



SCALE: 1"=20'



AS-BUILT PLANS
INSPECTOR JOHN DELSIGNE
SUPER INSP BRENT JONES
CONTRACTOR DEX INC.
TURN-ON 3-27-97

RKJK

ROBERT KOHN
R.C.E. No. 20285
4101 Birch St., Suite 230 • Newport Beach, CA 92660
Phone: (714) 474-1031 Fax: (714) 474-0902

REVISIONS
MARK DATE DESCRIPTION
1 10-5-99 AS-BUILT UPDATE TLE
2 11-12-97 RELOCATED LOOPS & REVISED STRIPING

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY
17TH STREET AT CARRIAGE LANE / ESPLANADE AVENUE
TRAFFIC SIGNAL-MODIFICATION PLAN

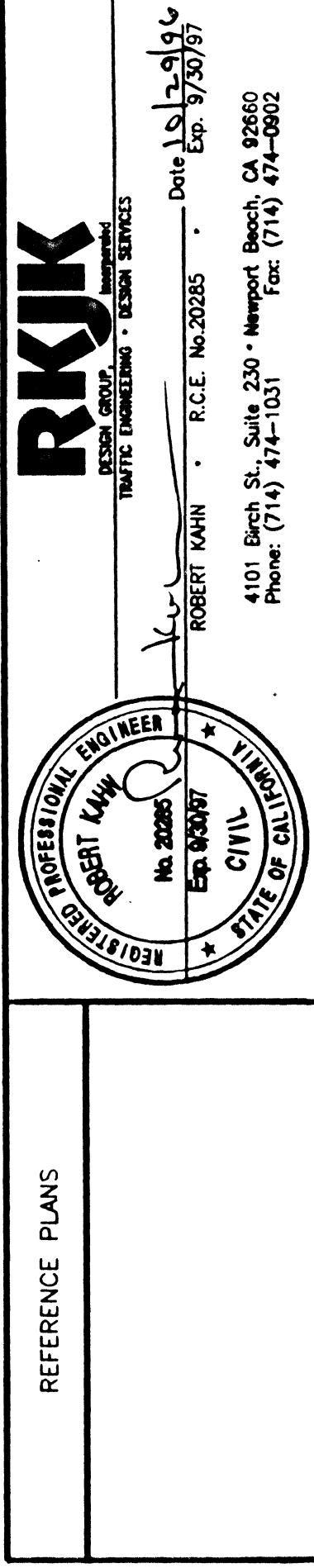
SHEET 12 OF 17
DESIGNED BY: BW
CHECKED BY: RK
DATE: 9/24/96
SCALE: 1"=20'

1 TRAFFIC STRIPES, PAVEMENT MARKERS, & RAISED PAVEMENT MARKERS, PER
CALTRANS TRAFFIC MANUAL, STANDARD PLANS & STANDARD SPECIFICATIONS
LATEST EDITION.

2 SIGNING AND STIPING MODIFICATIONS TO BE IMPLEMENTED IN CONJUNCTION
WITH INTERSECTION SIGNALIZATION, SEE SHEET 12 OF 17.

RS - REMOVE AND SALVAGE SIGN AND POST TO COUNTY OF ORANGE YARD.
RR - REMOVE AND RELOCATE.

- (E) EXISTING SIGNAGE TO REMAIN.
- ① PAINT PAVEMENT MARKINGS PER CALTRANS STANDARDS.
- ② INSTALL TRAFFIC SIGN PER CALTRANS STANDARDS.
- ③ SANDBLAST CONFLICTING STRIPING.
- ④ PAINT 12" WHITE CROSSWALK.
- ⑤ PAINT 4" - 50" WHITE STRIPE, WITH RPM'S.
- ⑥ PAINT 8" SOLID WHITE CHANNELIZED STRIPE, DETAIL 22.
- ⑦ PAINT DOUBLE YELLOW STRIPE, DETAIL 22.
- ⑧ PAINT DOUBLE YELLOW MEDIAN STRIPE, DETAIL 29.
- ⑨ PAINT DOUBLE YELLOW MEDIAN STRIPE, DETAIL 32.
- ⑩ PAINT BIKE LANE DROP, DETAIL 39A.
- ⑪ PAINT BIKE LANE STRIPE, DETAIL 39.



ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY		17 TH STREET AT CARRIAGE LANE ZA ESPLANADE AVENUE SIGNING AND STRIPING PLAN		SHEET 14 OF 17	
DESIGNED BY: BW		CHECKED BY: RK		PREPARED UNDER SUPERVISION OF	
DRAWN BY: BW		DATE: 9/24/96		SCALE: 1"=40'	
3-12-97 REVISED STRIPING		APPROVED:		W. O. NO.	
MARK DATE		DESCRIPTION		3-12-97 3-12-97	
REVISIONS		REVISIONS		REVISIONS	

TRIME. (15168)