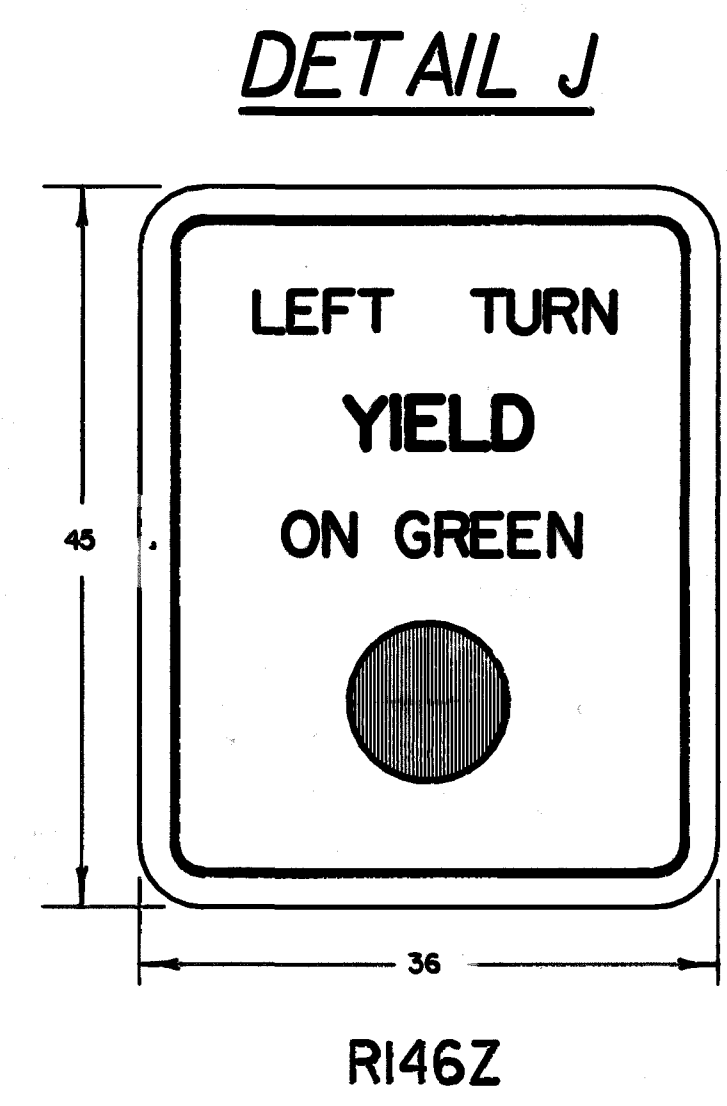


DRAWING NUMBER
S240.6
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
DESIGNED BY: NABER/D23AR
CHECKED BY: NABER/D23AR
DATE: 12-7-96

CONSTRUCTION NOTES:

- 1- AT LOCATIONS 'A', 'B', 'C', 'D', 'E' AND 'F' REMOVE AND SALVAGE EXISTING CONTROLLER AND CABINET, MODIFY EXISTING FOUNDATION PER DETAIL 'I'. FURNISH AND INSTALL A MULTISONICS 820 CONTROLLER OR EQUAL IN A ALUMINUM 'P' CABINET WITH DETECTION AND PHASING AS SHOWN.
- 2- AT LOCATIONS 'A', 'B', 'C', 'D', 'E' AND 'F' FURNISH AND INSTALL 2" CONDUIT, #3 1/2 PULL BOX AND PULL ROPE FROM TELEPHONE VAULT/PEDESTAL/POLE TO CONTROLLER CABINET TELEPHONE BOX. COORDINATE TELEPHONE HOOK UP FROM TELEPHONE VAULT/PEDESTAL/POLE TO CONTROLLER. INSTALL NEW 8"x10"x4" TELEPHONE SERVICE BOX PER DETAIL 'D' AND 'F' (SHEET 8 OF 8).
- 3- AT LOCATIONS 'A', 'B', 'C', 'D' AND 'E' INSTALL NEW LOOPS AND ABANDON EXISTING LOOPS. NEW LOOPS TO BE PLACED ARE SHOWN IN SOLID LINES AND EXISTING LOOPS ARE SHOWN AS DASHED LINES.
- 4- AT LOCATIONS 'C', 'D', 'E' AND 'F' INSTALL NEW LOOPS. NEW LOOPS TO BE PLACED ARE SHOWN IN SOLID LINES.
- 5- AT LOCATION 'F' REMOVE AND INSTALL NEW CONDUCTORS IN EXISTING CONDUITS.
- 7- AT LOCATIONS 'D', 'E', AND 'F' FURNISH AND INSTALL NEW SIGNAL POLES, MAST ARMS AND REMOVE AND RELOCATE SIGNAL HEADS WITH 12" LENSES AS SHOWN ON THE PLANS.
- 8- INSTALL COUNTY FURNISHED RI46Z SIGN DETAIL 'J'.
- 9- AT LOCATION 'F' REMOVE EXISTING CONCRETE CENTER MEDIAN AND REPLACE WITH DEEP LIFT ASPHALT CONCRETE PAVEMENT.
- 10- REMOVE AND INSTALL NEW PEDESTRIAN PUSH BUTTON PLATE TO CONVERT TO INTERNATIONAL TYPE.
- 11- REMOVE AND INSTALL NEW PEDESTRIAN INDICATIONS (FACE PANEL MODULE) TO CONVERT TO INTERNATIONAL TYPE.
- 12- FURNISH AND INSTALL 3" CONDUIT, INSTALL INTO EXISTING PULL BOX.
- 13- FURNISH AND INSTALL SIGNAL HEAD PER DETAIL 'A' SHEET 8 OF 8.
- 14- FURNISH AND INSTALL SIGNAL HEAD PER DETAIL 'E' SHEET 8 OF 8.
- 15- AT LOCATION 'F' REMOVE AND SALVAGE EXISTING POLE AND HEAD.
- 16- FURNISH AND INSTALL NEW 2" CONDUIT PULL BOX AND PULL ROPE.
- 17- FURNISH AND INSTALL PED. BARRICADE PER CALTRANS STD. ES-6A WITH R49 18"x36'.
- 18- CONSTRUCT STRAIGHT CORNER ACCESS RAMP PER OCEMA STD. PLAN III.



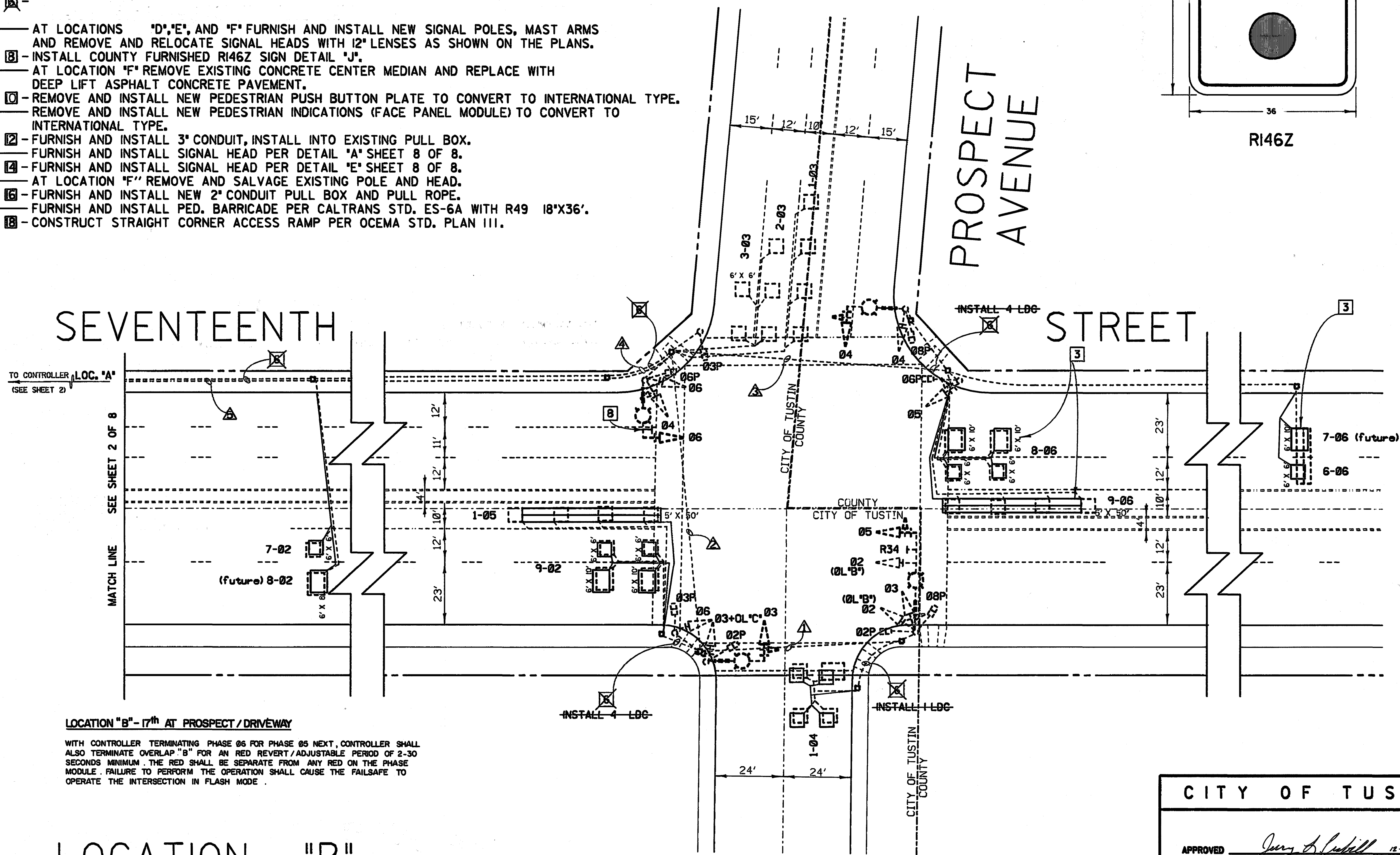
CONDUCTOR		SCHEDULE				
AWG	CIRCUIT	RUN				
		▲	▲	▲	▲	▲
# 14 (E)	02 (OL'B')	3	3	--	3	3
	03	3	3	--	3	3
	04	--	--	4	7	7
	05	3	3	3	6	6
	06	--	3	--	6	6
	02P	2	2	--	2	2
	04P	2	2	2	6	6
	06P	2	2	2	6	6
	02PPB	1	1	--	1	1
	06PPB	1	1	1	2	2
	04PPB	1	1	1	2	2
	PPB COMMON	1	1	1	2	2
	ISNS	1	1	1	2	2
	SPARES	3	5	4	9	9
	OL"C"	--	2	--	2	2
	TOTAL	20	30	19	59	59
# 10 (E)	SIGNAL & SIGN COMMON	1	1	1	2	2
	LUMINAIRE	2	2	2	4	4
	TOTAL	3	3	3	6	6
LDC (E)	02	--	3	--	3	3
	03	--	--	--	3	3
	04	1	1	--	1	1
	05	--	1	--	1	1
	06	--	--	4	4	4
	TOTAL	1	5	4	12	12
CONDUIT SIZE (E)		2"	2 1/2"	2 1/2"	2-3"	2-3"

(E) EXISTING

PHASE DIAGRAM
SEE SHEET 2

DETECTOR SCHEDULE
SEE SHEET 2

CONTROLLER LOCATION
SEE SHEET 2



LOCATION "B" - 17th AT PROSPECT/DRIVEWAY
WITH CONTROLLER TERMINATING PHASE 06 FOR PHASE 05 NEXT, CONTROLLER SHALL ALSO TERMINATE OVERLAP "B" FOR AN RED REVERT/ADJUSTABLE PERIOD OF 2-30 SECONDS MINIMUM. THE RED SHALL BE SEPARATE FROM ANY RED ON THE PHASE MODULE. FAILURE TO PERFORM THE OPERATION SHALL CAUSE THE FAILSAFE TO OPERATE THE INTERSECTION IN FLASH MODE.

CITY OF TUSTIN
APPROVED *Jerry L. Lubell* 12-7-96
DATE

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY	
SEVENTEENTH STREET AND PROSPECT AVENUE (NORTH)	
SIGNAL MODIFICATION PLAN	
NAME	DATE
DESCRIPTION	PREPARED UNDER
REVISIONS	SUPERVISION OF
DESIGNED BY: R. SCHROEDER	SCALE
DRAWN BY: C. MANSFIELD	DATE
CHECKED BY: M. YAMADA	W.O. R25450
SHEET 3 OF 8	