

EAST FILE CORP. IRVINE, CA
B140.5

CONDUCTOR SCHEDULE 8										CONDUCTOR SCHEDULE									
AWG	CIRCUIT	△	△	△	△	△	△	△	△	AWG	CIRCUIT	△	△	△	△	△	△	△	△
# 14	01									# 12	PPB COMMON	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)
	02	(3)	(3)	(3)	(3)						ISNS	(1)	(1)	(1)	(1)		1	1	(1)+1
	03										TOTAL	(2)	(2)	(2)	(2)	(1)	(1)+1	(1)+1	(3)+1
	04		(3)	(3)	(3)					# 10	SIGNAL COMMON	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)
	05	(3)	(3)	(3)	(3)	(3)	(3)				LUMINAIRE	(2)	(2)	(2)	(2)		2	2	(2)+2
	06										TOTAL	(3)	(3)	(3)	(3)	(1)	(1)+2	(1)+2	(4)+2
	07		3	6	6					# 6	SERVICE								(3)
	08																		
	02P	(2)	(2)	(2)	(2)														
	04P									3 # 20	EVP	(1)	(1)	(1)	(1)		1	1	(1)+1
	06P										01					(1)	(1)	(1)	(1)
	08P		(2)	(1)	(1)						02				(2)			(2)	(2)
	02PPB		(1)	(1)	(1)						03				(1)			(1)	(1)
	04PPB										04							(2)	(2)
	06PPB										05				(1)			(1)	(1)
	08PPB	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)		06				(2)	(2)	(2)	(2)	(2)
	SPARES	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(6)		07						(1)	(1)	(1)
TOTAL		(12)	(18)+3	(18)+6	(21)+6	(9)	(9)+9	(11)+11	(37)+19		08		(2)	(2)	(2)			(2)	(2)
										TOTAL		(3)	(3)	(6)	(3)	(3)	(6)	(12)	(12)

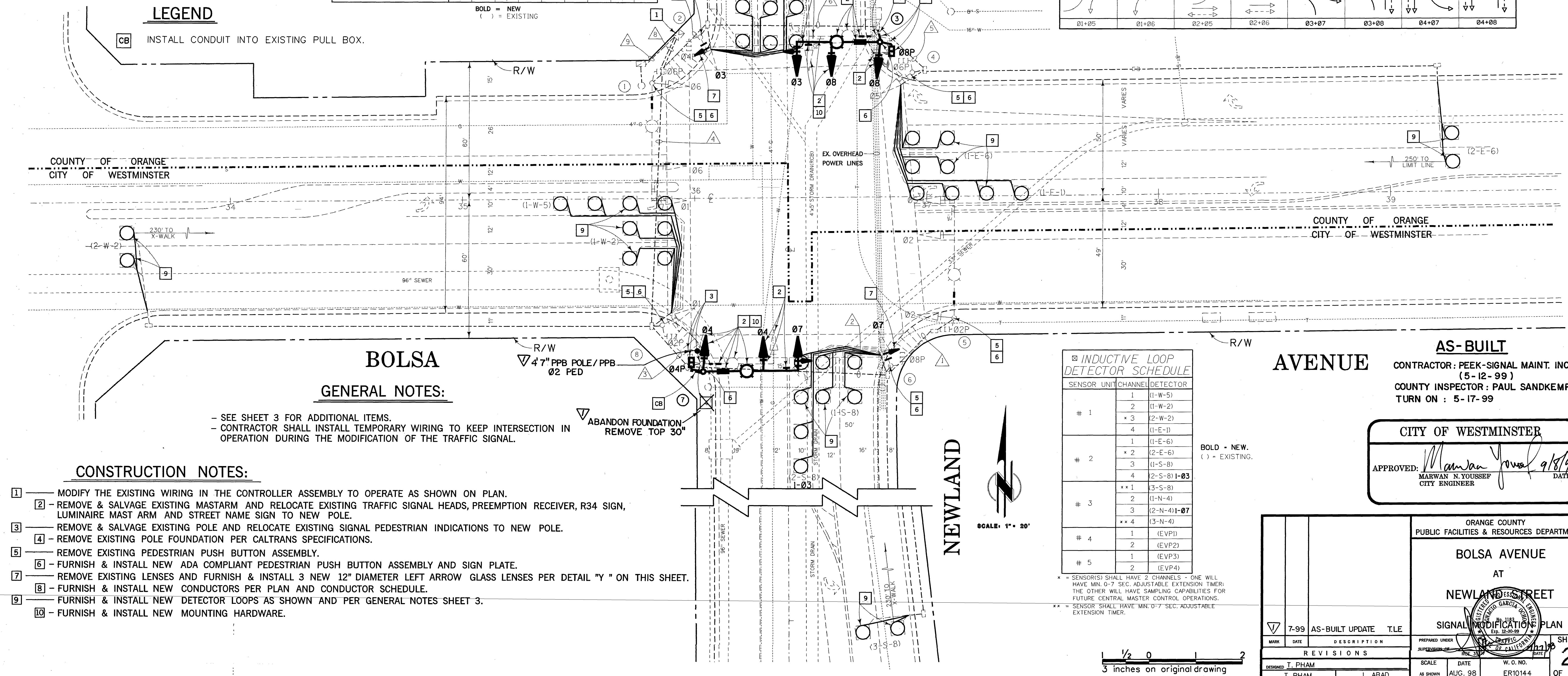
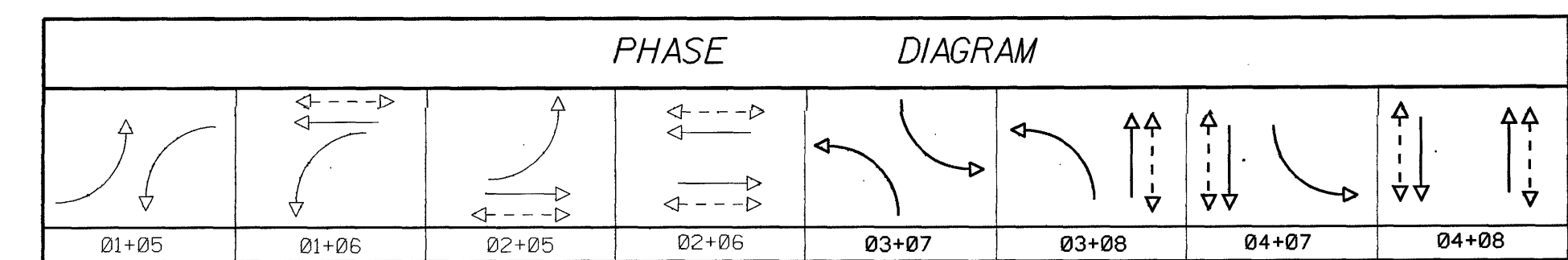
BOLD = NEW
() = EXISTING

LEGEND

CB INSTALL CONDUIT INTO EXISTING PULL BOX.

POLE SCHEDULE											
POLE DATA			SIGNAL		H.P.S.V. LUMINAIRE		SIGNAL MOUNTING		PED. PUSH BUTTON		ILLUMINATE
NO.	TYPE	HEIGHT	M.A.	M.A.	WATTS	VEH.	M.A.	PED.	PHASE	POLE QUAD	FOUNDATION
1	(29-5-70)	(30')	(50')	(15')	(250)	(SV-1-T)	(2MAS)	(SP-1-T)	4	E	(C)
2	(1A)	(10')				(TV-1-T)		(SP-1-T)	6	S	(S)
3	24-4-70	30'	35'	(12')	(200)	(SV-1-T)	RL(MAS)	RL(MAS)	6	S	(C)
4	(1A)	(10')				(TV-1-T)		(SP-1-T)	8	W	(S)
5	(29-5-70)	(30')	(50')	(15')	(250)	(SV-1-T)	(2MAS)	(SP-1-T)	8	W	(C)
6	(1A)	(10')				(TV-1-T)		(SP-1-T)	2	N	(S)
7	26-4-70	30'	40'	(12')	(200)	(SV-1-T)	RL(MAS)	RL(MAS)	2	N	(C)
8	(1A)	(10')				(TV-1-T)		(SP-1-T)	4	E	(S)

EXACT POLE LOCATIONS DETERMINED BY ENGINEER IN THE FIELD. () = EXISTING. C = C.I.D.H. S = SQUARE. POTHOLE POLE FOUNDATION LOCATIONS PRIOR TO ORDERING POLES. BOLD = NEW. RL = RELOCATE. □ = SINGLE FACE.



BOLSA AVENUE

GENERAL NOTES:

- SEE SHEET 3 FOR ADDITIONAL ITEMS.
- CONTRACTOR SHALL INSTALL TEMPORARY WIRING TO KEEP INTERSECTION IN OPERATION DURING THE MODIFICATION OF THE TRAFFIC SIGNAL.

CONSTRUCTION NOTES:

- MODIFY THE EXISTING WIRING IN THE CONTROLLER ASSEMBLY TO OPERATE AS SHOWN ON PLAN.
- REMOVE & SALVAGE EXISTING MASTARM AND RELOCATE EXISTING TRAFFIC SIGNAL HEADS, PREEMPTION RECEIVER, R34 SIGN, LUMINAIRE MAST ARM AND STREET NAME SIGN TO NEW POLE.
- REMOVE & SALVAGE EXISTING POLE AND RELOCATE EXISTING SIGNAL PEDESTRIAN INDICATIONS TO NEW POLE.
- REMOVE EXISTING POLE FOUNDATION PER CALTRANS SPECIFICATIONS.
- REMOVE EXISTING PEDESTRIAN PUSH BUTTON ASSEMBLY.
- FURNISH & INSTALL NEW ADA COMPLIANT PEDESTRIAN PUSH BUTTON ASSEMBLY AND SIGN PLATE.
- REMOVE EXISTING LENSES AND INSTALL 3 NEW 12" DIAMETER LEFT ARROW GLASS LENSES PER DETAIL "Y" ON THIS SHEET.
- FURNISH & INSTALL NEW CONDUCTORS PER PLAN AND CONDUCTOR SCHEDULE.
- FURNISH & INSTALL NEW DETECTOR LOOPS AS SHOWN AND PER GENERAL NOTES SHEET 3.
- FURNISH & INSTALL NEW MOUNTING HARDWARE.

INDUCTIVE LOOP DETECTOR SCHEDULE		
SENSOR UNIT	CHANNEL	DETECTOR
# 1	1	(1-W-5)
	2	(1-W-2)
	3	(2-W-2)
	4	(1-E-1)
# 2	1	(1-E-6)
	2	(2-E-6)
	3	(1-S-8)
	4	(2-S-8)+1-03
# 3	1	(3-S-8)
	2	(1-N-4)
	3	(2-N-4)+1-07
	4	(3-N-4)
# 4	1	(EVP1)
	2	(EVP2)
# 5	1	(EVP3)
	2	(EVP4)

* = SENSOR(S) SHALL HAVE 2 CHANNELS - ONE WILL HAVE MIN. 0-7 SEC. ADJUSTABLE EXTENSION TIMER; THE OTHER WILL HAVE SAMPLING CAPABILITIES FOR FUTURE CENTRAL MASTER CONTROL OPERATIONS.
** = SENSOR SHALL HAVE MIN. 0-7 SEC. ADJUSTABLE EXTENSION TIMER.

AS-BUILT
CONTRACTOR: PEEK-SIGNAL MAINT. INC.
(5-12-99)
COUNTY INSPECTOR: PAUL SANDKEMP
TURN ON : 5-17-99

CITY OF WESTMINSTER
APPROVED: *Marwan N. Youssef* 9/8/98
MARWAN N. YOUSSEF
CITY ENGINEER

ORANGE COUNTY PUBLIC FACILITIES & RESOURCES DEPARTMENT			BOLSA AVENUE AT NEWLAND STREET		
SIGNAL MODIFICATION PLAN			SHEET 2 OF 3		
7-99	AS-BUILT UPDATE	TLE	DESIGNED T. PHAM	CHECKED L. ABAD	DATE
SCALE	DATE	W.O. NO.	AS SHOWN	AUG. 98	ER10144