

- NOTES:**
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH CALTRANS STANDARD PLANS AND SPECIFICATIONS DATED JULY 1999, SIGN SPECIFICATIONS, AND THE SPECIAL PROVISIONS.
 2. THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.
 3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 4. ALL SIGNAL POLES SHALL HAVE A MINIMUM OF 1.5m CLEARANCE FROM FACE OF CURB.
 5. ALL SIGNAL HEAD INDICATIONS SHALL BE LED FURNISHED BY CALTRANS.
 6. CONTROLLER ASSEMBLY AND SIGNAL HEADS ARE TO BE STATE FURNISHED. THE CONTRACTOR SHALL REIMBURSE THE STATE FOR SUCH COSTS.

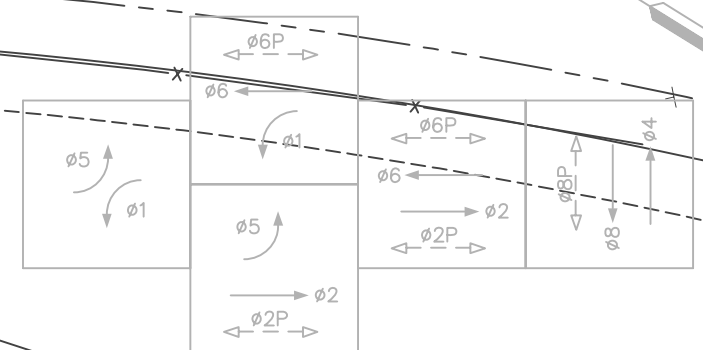
CONTROLLER LOCATION DETAIL

NO SCALE

- LEGEND**
- EMERGENCY VEHICLE PRE-EMPTION DETECTOR. SEE CALTRANS STANDARD PLAN ES-4E.
 - DETECTOR HANDHOLE
 - VIDEO DETECTION CAMERA

PROJECT NOTES: (FOR THIS SHEET ONLY)

1. SEE SHEET E-3 FOR CONTINUATION.
2. SEE CONTROLLER LOCATION DETAIL ON THIS SHEET.
3. INSTALL STATE FURNISHED TYPE 170 E CONTROLLER ASSEMBLY IN STATE FURNISHED TYPE 332 CABINET. DOOR SHALL FACE EAST.
4. FURNISH AND INSTALL TYPE III-AF SERVICE EQUIPMENT ENCLOSURE. PROVIDE ITEMS SHOWN ON PLAN. SEE DETAIL ON CALTRANS STANDARD PLAN ES-2C AND ES-2D. DOOR OF ENCLOSURE SHALL FACE EAST. SERVICE WIRING DIAGRAM ON SHEET E-2.
5. TYPE I PEDESTRIAN BARRICADE WITH R49 SIGN. QUANTITY TO BE INCLUDED ON SIGNING AND STRIPING PLANS ONLY.
6. 53C, 1#12 (PULL WIRE) FOR FUTURE SIGNAL INTERCONNECT.
7. REMOVE AND SALVAGE EXISTING STREET LIGHT. ABANDON CONDUIT. REMOVE PULL BOX.
8. TV CAMERA MOUNTING DETAILS TO BE SUBMITTED BY CONTRACTOR FOR ENGINEER'S APPROVAL.



TRAFFIC PHASE DIAGRAM

EVA= $\phi 2+\phi 5$
 EVB= $\phi 4$
 EVC= $\phi 1+\phi 6$
 EVD= $\phi 8$

UNDERGROUND SERVICE ALERT

CALL TOLL FREE
 1-800-642-2444

TWO WORKING DAYS BEFORE YOU DIG

			Project Manager KURT LARSON		Scale 1:200		Drawing No. of	
			Project Engineer KURT LARSON		Project No. 48500		Sheet No. E-1	
			Checked By KURT LARSON		Date 6/12		CONTRA COSTA COUNTY STATE ROUTE 4 & BYRON HIGHWAY INTERSECTION REALIGNMENT AND SIGNALIZATION	
REV. DATE BY			Drawn By KURT LARSON					

**CONTRA COSTA COUNTY
 DEPARTMENT OF TRANSPORTATION**