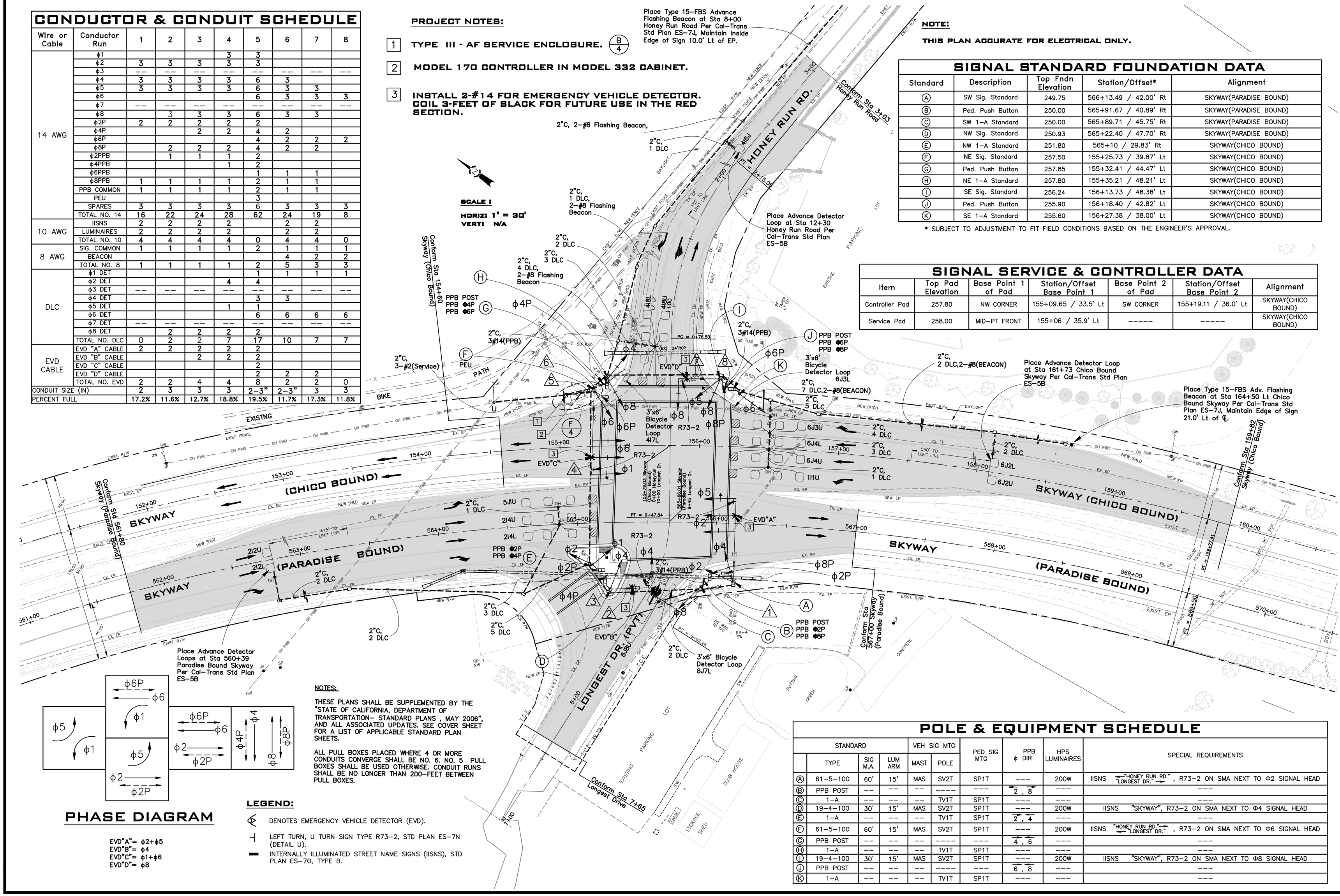
CONDUCTOR & CONDUIT SCHEDULE

Wire or Cable	Conductor Run	1	2	3	4	5	6	7	8
14 AWG	ϕ1					3	3		
	ϕ2	3	3	3	3	3			
	ϕ3	--	--	--	--	--	--	--	--
	ϕ4	3	3	3	3	6	3		
	ϕ5	3	3	3	3	6	3	3	
	ϕ6					6	3	3	3
	ϕ7	--	--	--	--	--	--	--	--
	ϕ8		3	3	3	6	3	3	
	ϕ2P	2	2	2	2	2			
	ϕ4P			2	2	4	2		
	ϕ6P					4	2	2	2
	ϕ8P		2	2	2	4	2	2	
	ϕ2PPB		1	1	1	2			
	ϕ4PPB				1	2			
	ϕ6PPB					1	1	1	
	ϕ8PPB	1	1	1	1	2	1	1	
	PPB COMMON	1	1	1	1	2	1	1	
	PEU					3			
	SPARES	3	3	3	3	6	3	3	3
	TOTAL NO. 14	16	22	24	28	62	24	19	8
10 AWG	IISNS	2	2	2	2		2	2	
	LUMINAIRES	2	2	2	2		2	2	
	TOTAL NO. 10	4	4	4	4	0	4	4	0
8 AWG	SIG. COMMON	1	1	1	1	2	1	1	1
	BEACON						4	2	2
	TOTAL NO. 8	1	1	1	1	2	5	3	3
DLC	ϕ1 DET					1	1	1	1
	ϕ2 DET				4	4			
	ϕ3 DET	--	--	--	--	--	--	--	--
	ϕ4 DET					3	3		
	ϕ5 DET				1	1			
	ϕ6 DET					6	6	6	6
	ϕ7 DET	--	--	--	--	--	--	--	--
	ϕ8 DET		2	2	2	2			
	TOTAL NO. DLC	0	2	2	7	17	10	7	7
EVD CABLE	EVD "A" CABLE	2	2	2	2	2			
	EVD "B" CABLE			2	2	2			
	EVD "C" CABLE					2			
	EVD "D" CABLE					2	2	2	
	TOTAL NO. EVD	2	2	4	4	8	2	2	0
CONDUIT SIZE (IN)		2	3	3	3	2-3"	2-3"	3	3
PERCENT FULL		17.2%	11.6%	12.7%	18.8%	19.5%	11.7%	17.3%	11.8%

PROJECT NOTES:

1. TYPE III - AF SERVICE ENCLOSURE. (B/4)
2. MODEL 170 CONTROLLER IN MODEL 332 CABINET.
3. INSTALL 2-#14 FOR EMERGENCY VEHICLE DETECTOR. COIL 3-FEET OF SLACK FOR FUTURE USE IN THE RED SECTION.

SCALE 1
HORIZ: 1" = 30'
VERT: N/A



NOTE:

THIS PLAN ACCURATE FOR ELECTRICAL ONLY.

SIGNAL STANDARD FOUNDATION DATA

Standard	Description	Top Fndn Elevation	Station/Offset*	Alignment
(A)	SW Sig. Standard	249.75	566+13.49 / 42.00' Rt	SKYWAY(PARADISE BOUND)
(B)	Ped. Push Button	250.00	565+91.67 / 40.89' Rt	SKYWAY(PARADISE BOUND)
(C)	SW 1-A Standard	250.00	565+89.71 / 45.75' Rt	SKYWAY(PARADISE BOUND)
(D)	NW Sig. Standard	250.93	565+22.40 / 47.70' Rt	SKYWAY(PARADISE BOUND)
(E)	NW 1-A Standard	251.80	565+10 / 29.83' Rt	SKYWAY(CHICO BOUND)
(F)	NE Sig. Standard	257.50	155+25.73 / 39.87' Lt	SKYWAY(CHICO BOUND)
(G)	Ped. Push Button	257.85	155+32.41 / 44.47' Lt	SKYWAY(CHICO BOUND)
(H)	NE 1-A Standard	257.80	155+35.21 / 48.21' Lt	SKYWAY(CHICO BOUND)
(I)	SE Sig. Standard	256.24	156+13.73 / 48.38' Lt	SKYWAY(CHICO BOUND)
(J)	Ped. Push Button	255.90	156+18.40 / 42.82' Lt	SKYWAY(CHICO BOUND)
(K)	SE 1-A Standard	255.60	156+27.38 / 38.00' Lt	SKYWAY(CHICO BOUND)

* SUBJECT TO ADJUSTMENT TO FIT FIELD CONDITIONS BASED ON THE ENGINEER'S APPROVAL.

SIGNAL SERVICE & CONTROLLER DATA

Item	Top Pad Elevation	Base Point 1 of Pad	Station/Offset Base Point 1	Base Point 2 of Pad	Station/Offset Base Point 2	Alignment
Controller Pad	257.80	NW CORNER	155+09.65 / 33.5' Lt	SW CORNER	155+19.11 / 36.0' Lt	SKYWAY(CHICO BOUND)
Service Pad	258.00	MID-PT FRONT	155+06 / 35.9' Lt	-----	-----	SKYWAY(CHICO BOUND)

PHASE DIAGRAM

EVD"A"= ϕ2+ϕ5
EVD"B"= ϕ4
EVD"C"= ϕ1+ϕ6
EVD"D"= ϕ8

NOTES:

THESE PLANS SHALL BE SUPPLEMENTED BY THE "STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION- STANDARD PLANS , MAY 2006", AND ALL ASSOCIATED UPDATES. SEE COVER SHEET FOR A LIST OF APPLICABLE STANDARD PLAN SHEETS.

ALL PULL BOXES PLACED WHERE 4 OR MORE CONDUITS CONVERGE SHALL BE NO. 6. NO. 5 PULL BOXES SHALL BE USED OTHERWISE. CONDUIT RUNS SHALL BE NO LONGER THAN 200-FEET BETWEEN PULL BOXES.

LEGEND:

- DENOTES EMERGENCY VEHICLE DETECTOR (EVD).
- LEFT TURN, U TURN SIGN TYPE R73-2, STD PLAN ES-7N (DETAIL U).
- INTERNALLY ILLUMINATED STREET NAME SIGNS (IISNS), STD PLAN ES-7O, TYPE B.

POLE & EQUIPMENT SCHEDULE

	STANDARD TYPE	SIG M.A.	LUM ARM	VEH SIG MTG MAST	VEH SIG MTG POLE	PED SIG MTG	PPB ϕ DIR	HPS LUMINAIRES	SPECIAL REQUIREMENTS
(A)	61-5-100	60'	15'	MAS	SV2T	SP1T	---	200W	IISNS ←"HONEY RUN RD." →"LONGEST DR.", R73-2 ON SMA NEXT TO Φ2 SIGNAL HEAD
(B)	PPB POST	--	--	--	----	---	2 , 8	---	---
(C)	1-A	--	--	--	TV1T	SP1T	---	---	---
(D)	19-4-100	30'	15'	MAS	SV2T	SP1T	---	200W	IISNS "SKYWAY", R73-2 ON SMA NEXT TO Φ4 SIGNAL HEAD
(E)	1-A	--	--	--	TV1T	SP1T	2 , 4	---	---
(F)	61-5-100	60'	15'	MAS	SV2T	SP1T	---	200W	IISNS "HONEY RUN RD."← →"LONGEST DR." , R73-2 ON SMA NEXT TO Φ6 SIGNAL HEAD
(G)	PPB POST	--	--	--	----	---	4 , 6	---	---
(H)	1-A	--	--	--	TV1T	SP1T	---	---	---
(I)	19-4-100	30'	15'	MAS	SV2T	SP1T	---	200W	IISNS "SKYWAY", R73-2 ON SMA NEXT TO Φ8 SIGNAL HEAD
(J)	PPB POST	--	--	--	----	---	6 , 8	---	---
(K)	1-A	--	--	--	TV1T	SP1T	---	---	---

PLOT DATE: MAY 10, 2008

PLANS FOR THE CONSTRUCTION OF SKYWAY AT HONEY RUN ROAD SIGNALIZATION TRAFFIC SIGNAL PLAN SHEET

PROJECT NUMBER 51261-1-06-1

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FILE NO. E-2686