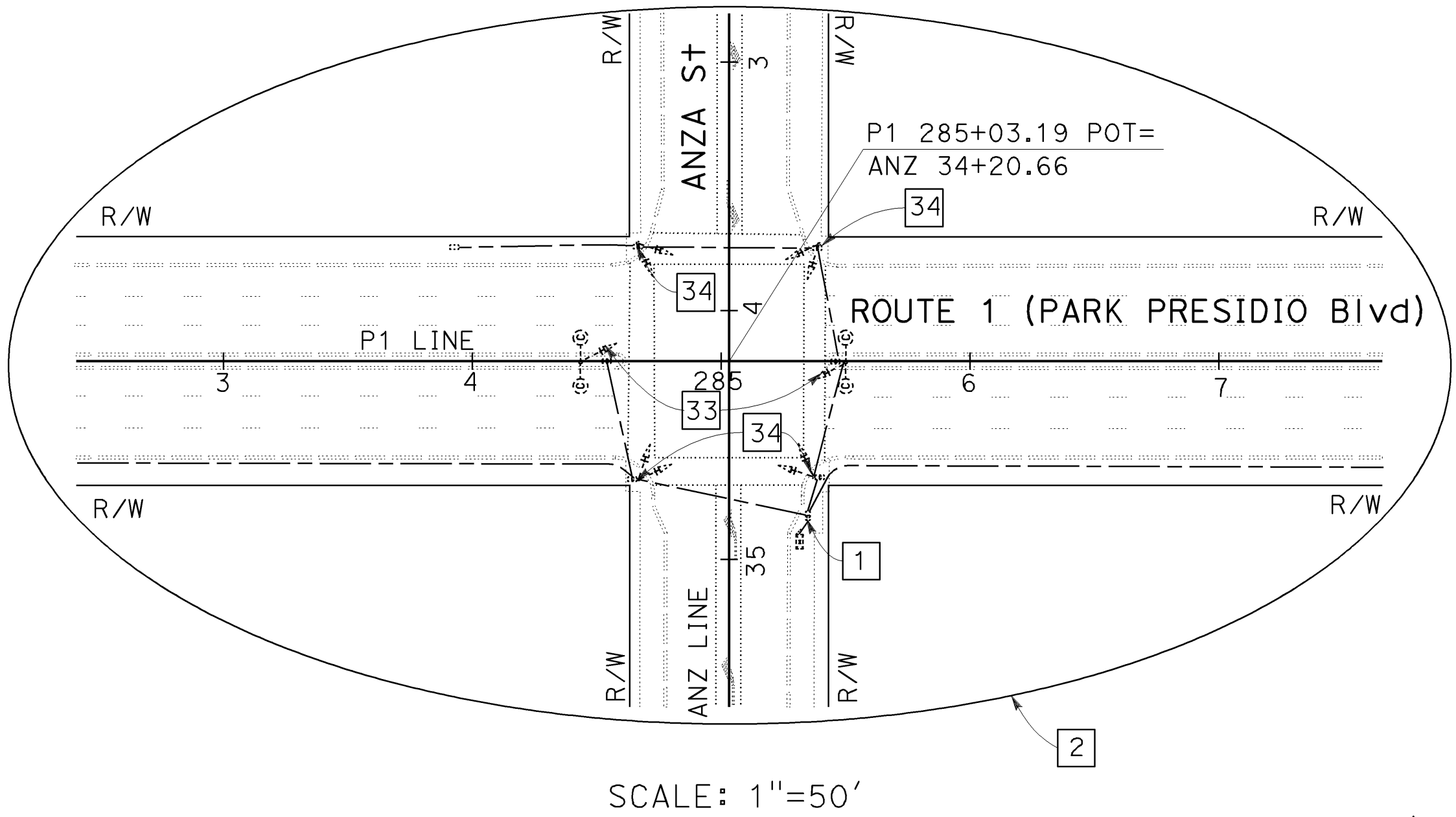
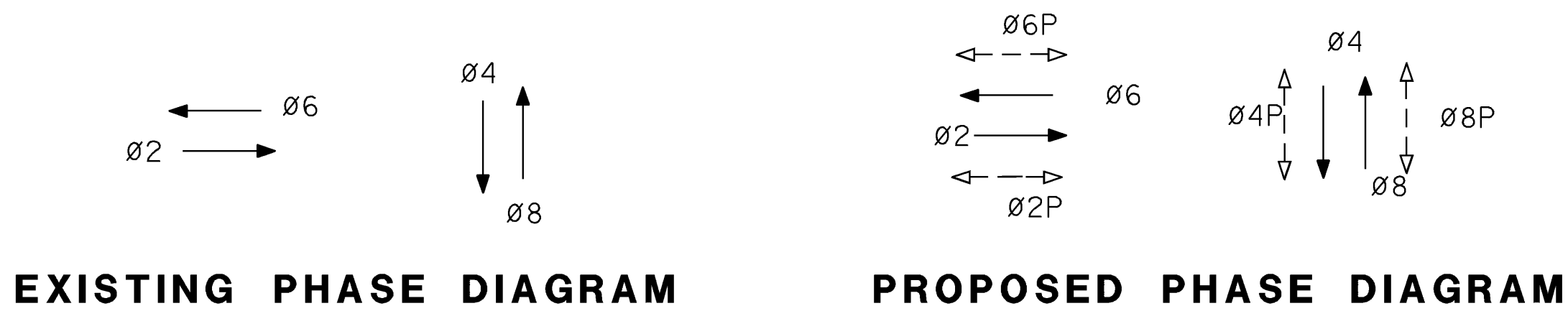
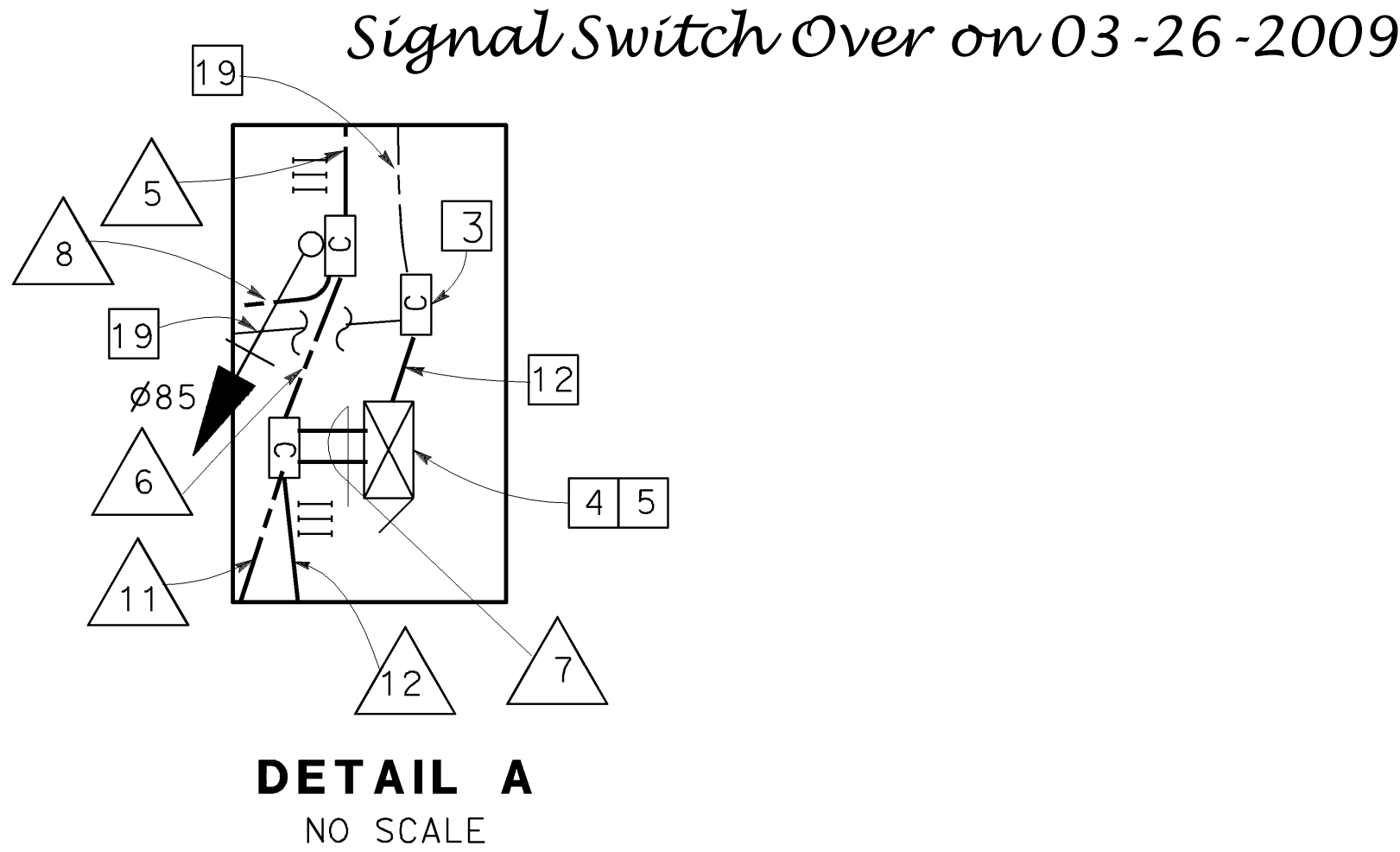
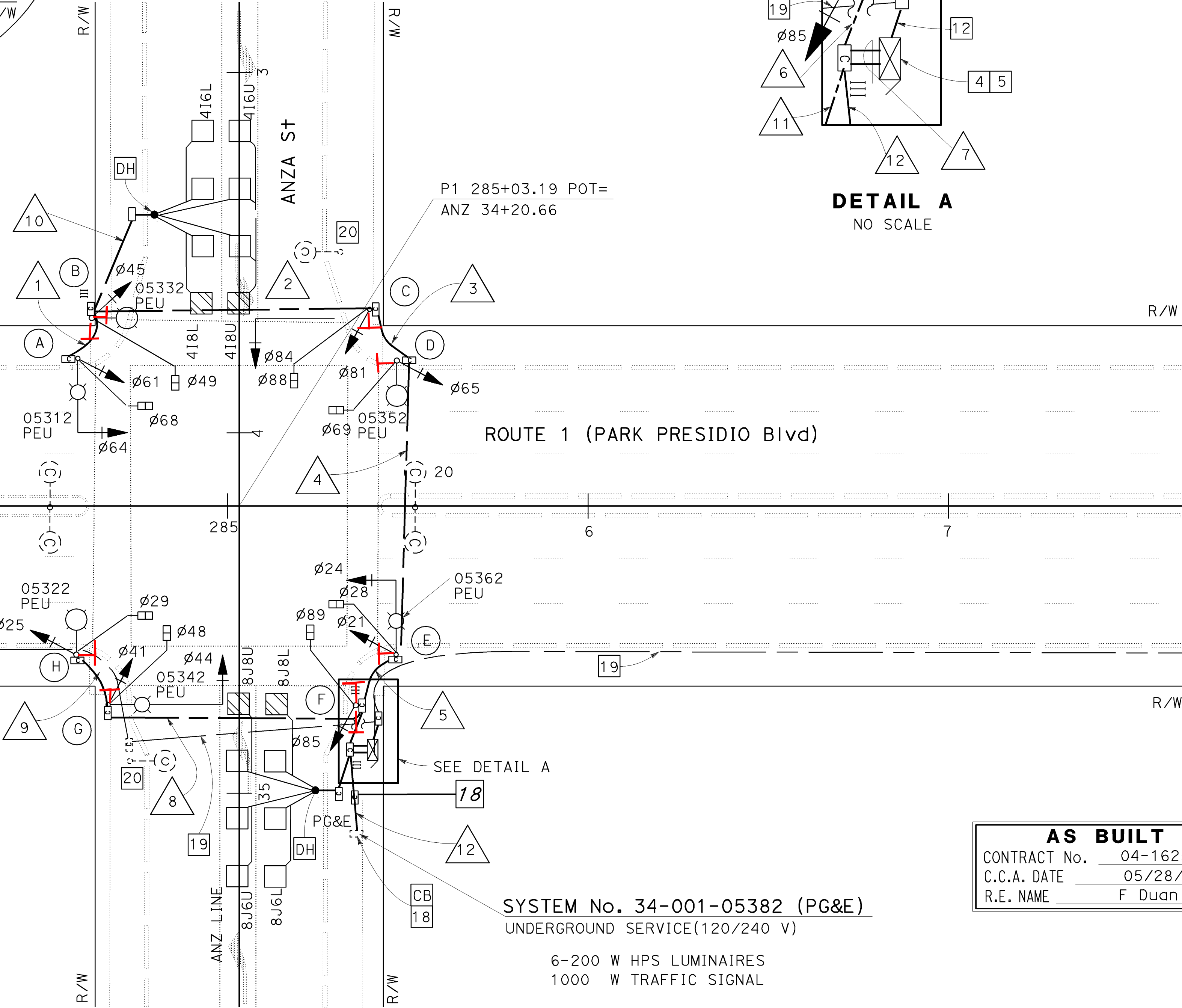


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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	ELECTRICAL	
	FUNCTIONAL SUPERVISOR	KENNETH Y. XU
	CALCULATED/DESIGNED BY	CHECKED BY
HENRY Q. GU	REVISOR	DATE
	REVISOR	DATE
KENNETH Y. XU	REVISOR	DATE
	REVISOR	DATE



EXISTING EQUIPMENT TO BE REMOVED AND SALVAGED
1 TYPE "M" INTERSECTION CONTROLLER ASSEMBLY



AS BUILT
CONTRACT No. 04-162524
C.C.A. DATE 05/28/10
R.E. NAME F Duan

SYSTEM No. 34-001-05382 (PG&E)
UNDERGROUND SERVICE(120/240 V)

6-200 W HPS LUMINAIRES
1000 W TRAFFIC SIGNAL

**MODIFY INTERCONNECTION CONDUIT AND CABLE
MODIFY SIGNAL AND LIGHTING
(LOCATION No. 13)**

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY

ROUTE 1 / ANZA STREET

1	Add new APS per SRC 2021-308 & Caltrans Project	D. Yeung	G. de Leon
Rev	Description	By	Approved

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



ELECTRICAL

FUNCTIONAL SUPERVISOR

KENNETH Y. XU

CALCULATED/DESIGNED BY

CHECKED BY

HENRY Q. GU

KENNETH Y. XU

REVISED BY

DATE REVISED

1

Add new APS per SRC 2021-308 & Caltrans Project

D. Yeung

G. de Leon

Rev

Description

By

Approved

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES

0

1

2

3

USERNAME => s135696

DGN FILE => 416252ua026.asb

CU 04371

EA 162521

CONDUCTOR DESIGNATION	NUMBER OF CONDUCTORS											
	RUN NUMBER											
	1	2	3	4	5	6	7	8	9	10	11	12
No. 14 CONDUCTORS					6	9	9	3	3			
ø21, ø24, ø25												
ø41, ø44, ø45		3	3	3	3	9	9	6				
ø61, ø64, ø65	6	6	6	9	9	9	9					
ø81, ø84, ø85			6	6	6	9	9					
ø28, ø29					2	4	4	2	2			
ø48, ø49		2	2	2	2	4	4	2				
ø68, ø69	2	2	2	4	4	4	4					
ø88, ø89			2	2	2	4	4					
PPB(ø28, ø29)					4 2	4 2	2 +					
PPB(ø48, ø49)	2 +	2 +	2 +	2 +	2 +	4 2	4 2					
PPB(ø68, ø69)		2 +	4 2	4 2	4 2	4 2	4 2					
PPB(ø88, ø89)			2 +	4 2	4 2	4 2	4 2					
PPB NEUTRAL	1	1	1	1	1	2	2	1	1			
	3	3	3	3	3	6	6	3	3			
TOTAL No. 14	13	19	28	34	43	68	68	18	9	CHANGE TOTAL		
No. 8 CONDUCTORS												
SIGNAL NEUTRAL	1	1	1	1	1	2	2	1	1			
LIGHTING(240 V)	2	2	2	2	2	2		2	2			2
TOTAL No. 8	3	3	3	3	3	4	2	3	3			2
No. 6 CONDUCTORS												
120 V SERVICE TO CONTROLLER							2					2
TOTAL No. 6						2						2
DETECTOR CABLES (TYPE B)												
4I6U		1	1	1	1	1	1			1		
4I6L		1	1	1	1	1	1			1		
4I8U		1	1	1	1	1	1			1		
4I8L		1	1	1	1	1	1			1		
8J6U							1				1	
8J6L							1				1	
8J8U							1				1	
8J8L							1				1	
TOTAL DETECTOR CABLES		4	4	4	4	4	8			4	4	
CONDUIT SIZE	2	2½	3	3	3	2-3	2-3	2	1½	1½	1½	1½

NOTE (FOR THIS SHEET ONLY):
SEE SIGNING PLANS FOR SIGN INSTALLATION REQUIREMENTS.

POLE AND EQUIPMENT SCHEDULE									
LOCATION	STANDARD			VEH SIGNAL MOUNTING		PED SIGNAL MOUNTING	PPB APS	HPS LUMINAIRE (WATTS)	SPECIAL REQUIREMENT *
	TYPE	SMA (ft)	LMA (ft)	MAST ARM	POLE		Ø		
(A)	17-2-100	20	8 42	MAS	SV-1-T	SP-1-T	48	200	INSTALL PIPE TENON FOR FUTURE EVD SEE DETAIL 1 ON SHEET E-48.
(B)	15TS		8 42		SV-1-T	SP-1-T	49 68	200	
(C)	23-3-100	35		MAS	SV-1-T	SP-1-T	69		INSTALL PIPE TENON FOR FUTURE EVD SEE DETAIL 1 ON SHEET E-48.
(D)	15TS		8 42		SV-1-T	SP-1-T	88	200	
(E)	17-2-100	20	8 42	MAS	SV-1-T	SP-1-T	89	200	INSTALL PIPE TENON FOR FUTURE EVD SEE DETAIL 1 ON SHEET E-48.
(F)	1-A				TV-1-T	SP-1-T	28 (APSx2)		
(G)	19-2-100	30	8 42	MAS	SV-1-T	SP-1-T	29	200	INSTALL PIPE TENON FOR FUTURE EVD SEE DETAIL 1 ON SHEET E-48.
(H)	15TS		8 42		SV-1-T	SP-1-T	48	200	

AS BUILT	
CONTRACT No.	04-162524
C.C.A. DATE	05/28/10
R.E. NAME	F Duan

MODIFY SIGNAL AND LIGHTING
(CONDUCTOR, POLE AND EQUIPMENT SCHEDULES)
(LOCATION No. 13)
ROUTE 1 / ANZA STREET