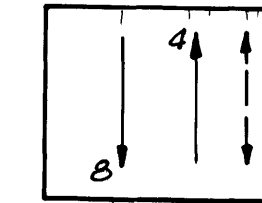
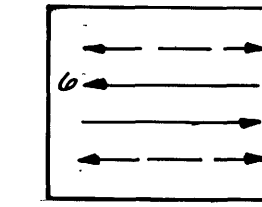


NOTES THIS SHEET:

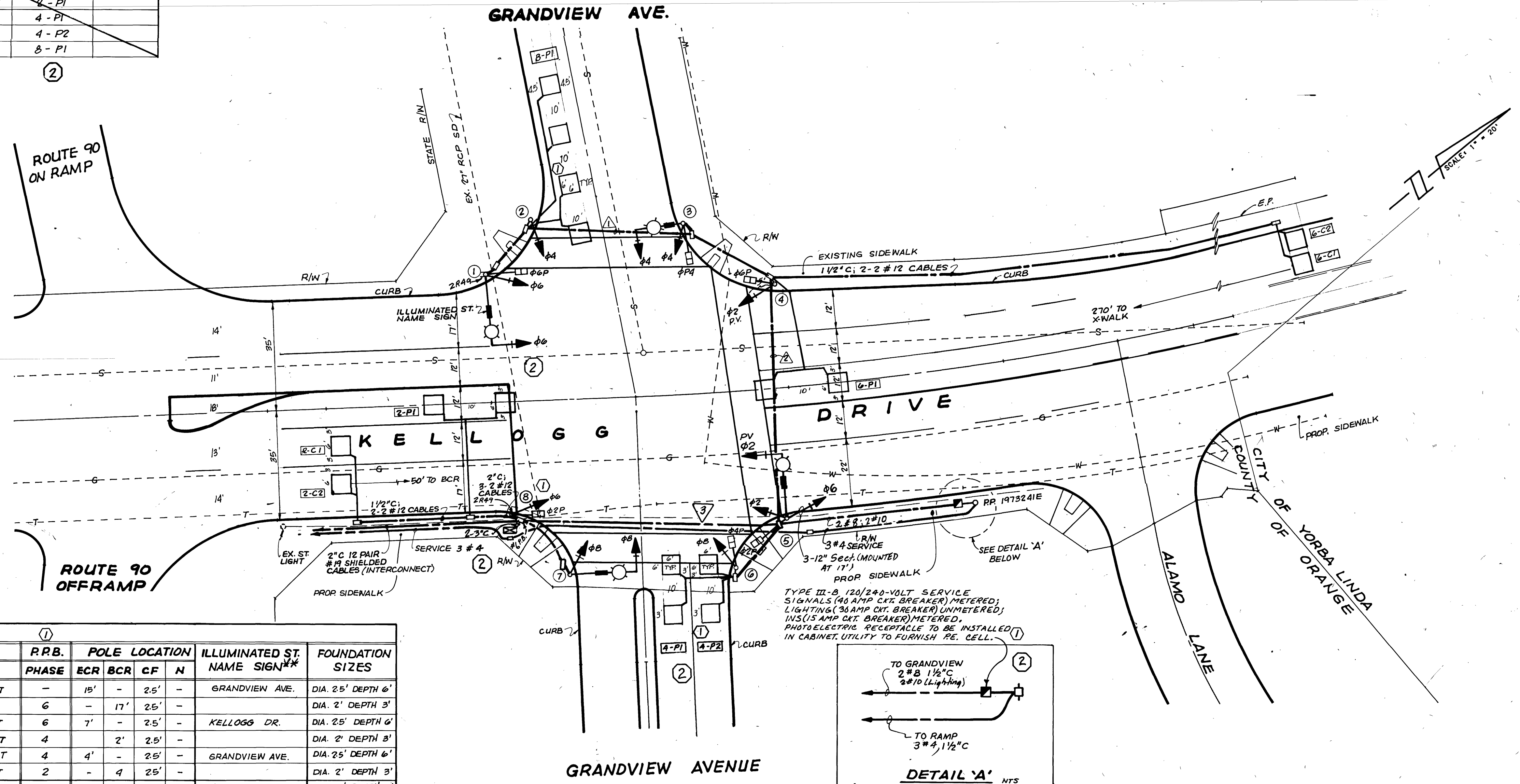
1. INSTALL STATE FURNISHED TYPE 170 CONTROLLER
2. PROVIDE TYPE II-B SERVICE (SEE DETAIL)
3. PROVIDE INTERCONNECT TO ON-OFF RAMP INTERSECTION.
4. STRIPING REVISIONS PER STRIPING PLAN (SEE SHEET 14 OF 24).
5. SEE GENERAL NOTES SHEET 13 OF 24.
6. INSTALLATION OF SIGNAL CONDUIT ACROSS RAMPS AND KELLOGG DRIVE SHALL BE DONE BY JACKING AND BORING.
7. NO LIGHTING CIRCUIT SHALL BE ALLOWED IN THE CONTROLLER CABINET.
8. I.N.S. SHALL BE TYPE A, WITH TYPE II PHOTOELECTRIC CONTROL.
9. PULL BOXES SHALL BE NO. 5 UNLESS SPECIFIED OTHERWISE. PULL BOXES SHALL BE OUTSIDE OF WHEELCHAIR RAMPS. ②



PHASE DIAGRAM

CONDUCTOR SCHEDULE				
AWG	CIRCUIT	RUN		
		①	②	③
# 14	φ2	-	3	3
	φ6	3	3	3
	φ4	3	3	3
	φ8	-	-	3
	φ2P	-	-	2
	φ6P	2	2	2
	φ4P	-	2	2
	φ2PPB	-	-	1
	φ6PPB	1	1	1
	φ4PPB	-	1	1
	PPB COMMON	1	1	1
	SPARES	3	3	3
	TOTAL	13	19	25
	# 12	SIGN LIGHTING	2	2
# 10	LUMINAIRE	2	2	2
	SIGNAL COMMON	1	1	1
	TOTAL	3	3	3
2 #14 CABLE (Type C)	φ2P DETECTOR	-	-	-
	φ6P DETECTOR	-	1	1
	φ8P DETECTOR	1	1	1
	φ4P DETECTOR	-	-	2
	φ2C DETECTOR	-	-	-
	φ6C DETECTOR	-	2	2
	TOTAL	1	4	6
#8	SERVICE			2
CONDUIT SIZE		2½"	2½"	3"

LOOP DETECTOR SCHEDULE			
SENSOR	CHANNEL	DETECTOR	OPTION
1	1	2-C1	
	2	2-C2	
	3	6-C1	
	4	6-C2	
2	1	4-P1	
	2	4-P2	
	3	8-P1	
	4	8-P2	



NEW POLE SCHEDULE									
STANDARD			LUMINAIRE*	SIGNAL MOUNTING			RRB.	POLE LOCATION	
NO.	DESCRIPTION	HT.	SIG. M.A.	LUM. M.A.	VEHICLE POLE	MAST ARM	PED.	PHASE	ILLUMINATED ST. NAME SIGN**
①	TYPE 17-2-70	30'	20'	12'	SV-1-T	MAS	SP-1-T	15'	GRANDVIEW AVE.
②	TYPE 1-A	10'	-	-	TV-1-T	-	-	17'	-
③	TYPE 17-2-70	30'	20'	12'	SV-1-T	MAS	SP-1-T	7'	KELLOGG DR.
④	TYPE 1-A	10'	-	-	TV-1-T	-	-	2'	-
⑤	TYPE 17-2-70	30'	20'	12'	SV-2-T	MAS	SP-1-T	4'	GRANDVIEW AVE.
⑥	TYPE 1-A	10'	-	-	TV-1-T	-	-	4'	-
⑦	TYPE 17-2-70	30'	20'	12'	SV-1-T	MAS	-	5'	KELLOGG DR.
⑧	TYPE 1-A	10'	-	-	TV-1-T	-	-	5'	-

* WITH INTEGRAL BALLAST
LUMINAIRE SHALL BE CUTOFF TYPE ②

** SEE NOTE 8

CALTRANS

SUBMITTED BY	REVIEWED BY	APPROVAL RECOMMENDED BY	DATE
<i>Donnell</i>	<i>A. Lindgren</i>	<i>B.H. Clark</i>	2/82

PERMIT NO. 781-75N-0937

② REVISED 2/18/82
① REVISED DATE 2/4/82

Donnell DATE 8/7/81
S.N. FITZPATRICK 7023
OPERATION ENGINEER

Donnell DATE 8/7/81
R.W. VOEN 7023
MANAGER, TRAFFIC ENGINEERING

VAN DELL AND ASSOCIATES, INC.
SURVEYORS CIVIL ENGINEERS LAND PLANNERS
17801 CARTWRIGHT ROAD
SUITE 1-A
IRVINE, CA 92714
(714) 966-1100

IMPROVEMENT PLAN
FOR TRACT NO. 11331
SIGNAL PLAN
KELLOGG DRIVE &
GRANDVIEW AVE.

SHEET 12 OF 24