

Traffic Control Permit (TCP) Multiple Location List

(Franchise Utility Company Only - May Not Be submitted By Contractor)

City Use Only

Authorized # _____

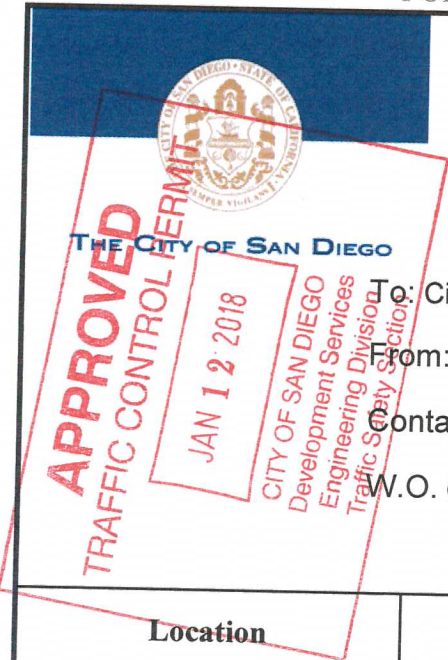
By Felipe Ariza

Yes No

Date Reviewed 1/12/18

TYPE OF WORK

- 1 = Lane Closure
- 2 = Street Closure
- 3 = Sidewalk Closure
- 4 = Alley Closure
- 5 = Parking Lane
- 6 = Detour
- 7 = Trenching
- 8 = Flagging



To: City of San Diego, Traffic Permit Section

Date: 01/11/2018

From: (Company): SDG&E

Phone No.: 619-778-2405

Contact Person: Rod Nelson

Fax.: _____

W.O. or Account #: Permit # _____

TCP No. _____

Location	From	To	Start Date *	End Date *	Work Hours **	Thomas Bros.	Type of Work
Kearny Mesa Road	Miramar Road	End of Kearny Mesa Road (cul-de-sac)	1/16/18	2/3/18	7:00AM - 5:30PM	1208-D7, E7, F7	1,5,7,8
Miramar Road	Kearny Villa Road	Kearny Mesa Road	1/16/18	2/3/18	7:00AM - 5:30PM	1208-E7	8

ORIGINAL PERMIT MUST BE KEPT ON JOB SITE ALL TIMES

Comments: Phase SD-2 and SD-3 ONLY; Monday through Saturday, Daytime work hours 7:00AM to 5:30PM; Includes Saturdays, 1/20, 1/27 and 2/3
 Must be submitted a minimum of 2 working days prior to start of work. All columns must be filled out for proper authorization
 Fax or mail to: City of San Diego • Traffic Control Permit Section • 1222 First Avenue, MS 501 • San Diego, CA 92101. Fax (619) 446-5489 Office (619) 446-5150
 * Work Days: Monday Through Friday ** Work Hours : 8:30 AM - 3:30PM. Unless other hours are preapproved)
 No Work on Saturdays, Sundays, or Holidays Unless Approved and Noted In Comments
 Minimum of 5 working days required for construction work which affects traffic signal e-mail info to: JVaca@sanidiego.gov

ORIGINAL PERMIT MUST BE KEPT ON JOB SITE ALL TIMES

SIGN LEGEND

APPROVED TRAFFIC CONTROL PERMIT
 JAN 12 2018
 CITY OF SAN DIEGO
 Development Services
 Traffic Safety Section

TABLE 1

SPEED (S)	MINIMUM TAPER LENGTH * FOR WIDTH OF OFFSET 12 FEET (W)				MAXIMUM CHANNELIZING DEVICE SPACING		
	TANGENT	MERGING	SHIFTING L/2	SHOULDER L/3	TAPER	TANGENT	CONFLICT
	ft	ft	ft	ft	ft	ft	ft
20	150	80	40	27	20	40	10
25	250	125	63	42	25	50	12
30	360	180	90	60	30	60	15
35	490	245	123	82	35	70	17
40	640	320	160	107	40	80	20
45	1080	540	270	180	45	90	22
50	1200	600	300	200	50	100	25
55	1320	660	330	220	50	100	25
60	1440	720	360	240	50	100	25
65	1560	780	390	260	50	100	25
70	1680	840	420	280	50	100	25
75	1800	900	450	300	50	100	25

* - For other offsets, use the following merging taper length formula for L:
 For speed of 40 mph or less, L = WSA/60
 For speed of 45 mph or more, L = WS

Where: L = Taper length in feet
 W = Width of offset in feet

S = Posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

** - Use for taper and tangent sections where there are no pavement markings or where there is a conflict between existing pavement markings and channelizers (CA).

TABLE 2

SPEED *	LONGITUDINAL BUFFER SPACE AND FLAGGER STATION SPACING			
	Min D **	DOWNGRADE Min D ***		
		-3%	-6%	-9%
20	115	116	120	126
25	125	128	133	139
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
55	495	520	553	593
60	570	598	638	688
65	645	682	728	785
70	730	771	825	891
75	820	866	927	1003

* - Speed is posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

** - Longitudinal buffer space or flagger station spacing

*** - Use on sustained downgrade steeper than -3 percent and longer than 1 mile.

TABLE 3

ROAD TYPE	ADVANCE WARNING SIGN SPACING		
	DISTANCE BETWEEN SIGNS *		
	A	B	C
URBAN - 25 mph OR LESS	100	100	100
URBAN - MORE THAN 25 mph TO 40 mph	250	250	250
URBAN - MORE THAN 40 mph	350	350	350
RURAL	500	500	500
EXPRESSWAY / FREEWAY	1000	1500	2640

* - The distances are approximate, are intended for guidance purposes only, and should be applied with engineering judgment. These distances should be adjusted by the Engineer for field conditions, if necessary, by increasing or decreasing the recommended distances.

LEGEND

- APPROXIMATE TRENCH LOCATION
- SIGN
- TRAFFIC CONES / DELINEATOR
- BARRICADE
- FLAGGER
- FLASHING ARROW SIGN
- WORK ZONE
- ARMORGUARD

PROJECT NAME: TL23071 - Sycamore Canyon Substation To Penasquitos Substation - 230 KV Underground

DATE: 1/4/2018
 DESIGNED: Clint Jones
 CHECKED BY: Mark Webb

AIRX UTILITY SURVEYORS, INC.
 Gail McMorran
 President
 2554 EAST EL NORTE PARKWAY, SUITE C
 ESCONCIDO, CA 92027
 PHONE: (951) 490-2547
 CELL: (760) 419-3728

NIV5
 15092 AVENUE OF SCIENCE, SUITE 200
 SAN DIEGO, CA 92128
 P: 858.385.0500 WWW.NIV5.COM

AIRX JOB#: X160218

THOMAS GRID#: 1209-F6

MISC/POTHOLE#:

DRAWN FOR: SAN DIEGO

TYPE OF WORK: TRENCHING / CONDUIT

SHEET 1 OF 4



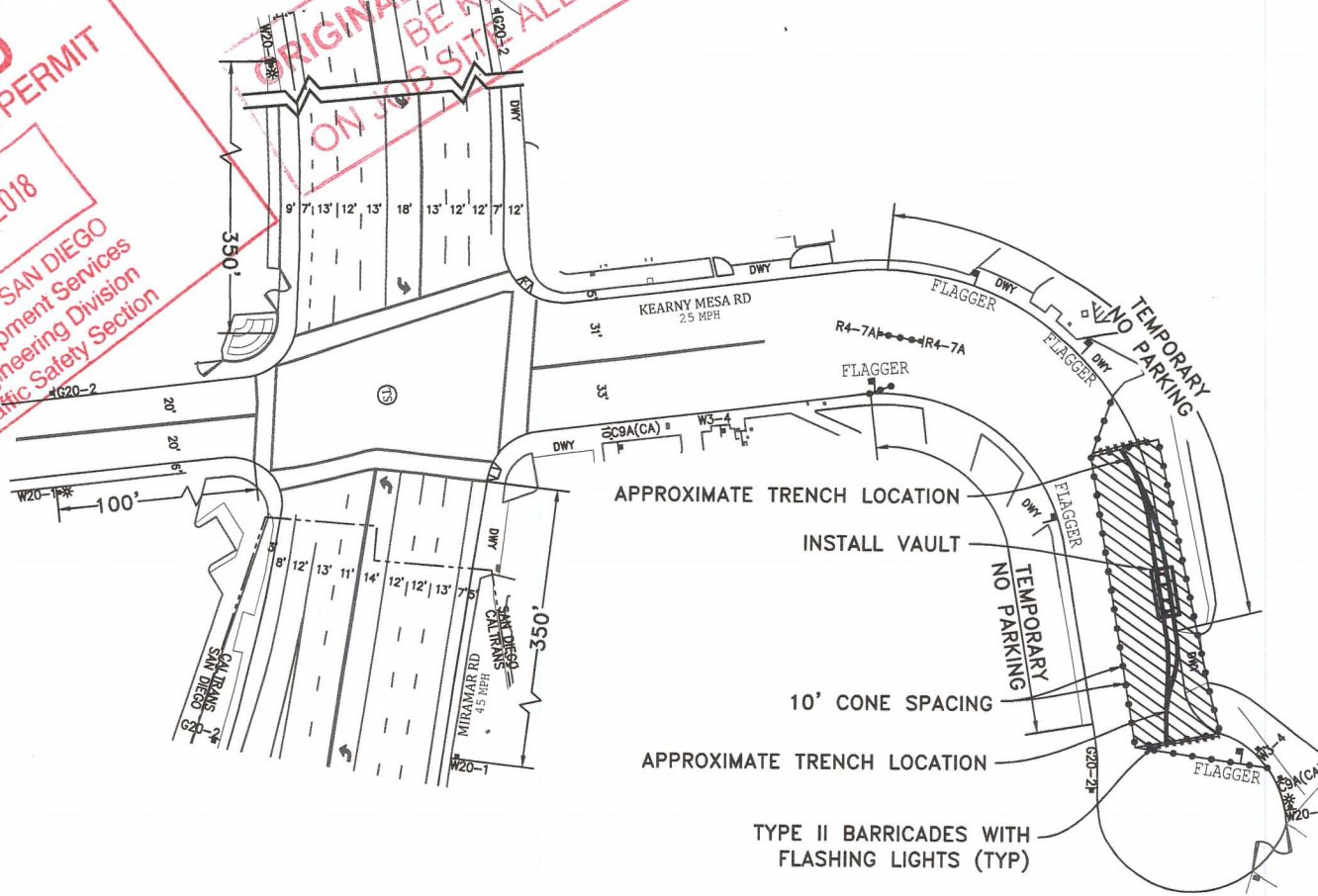
SCALE 1"=60'

APPROVED
TRAFFIC CONTROL PERMIT

JAN 12 2018

CITY OF SAN DIEGO
Development Services
Engineering Division
Traffic Safety Section

**ORIGINAL PERMIT MUST
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ON JOB SITE ALL TIMES**



PHASE SD - 2

PROJECT NAME: TL23071 - Sycamore Canyon Substation To
Penasquitos Substation - 230 KV Underground

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DESIGNED: Clint Jones
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SHEET 3 OF 4

