



County of San Diego

DEPARTMENT OF PUBLIC WORKS
TRAFFIC ENGINEERING SECTION

APPLICATION FOR TRAFFIC CONTROL PERMIT --

FLAG SHIFT BIKE+LANE
(type of traffic control: flag, shift, etc.) CLOSURE

TC# 0910-77

County of San Diego
DPW/Traffic Engineering Section
Traffic Control Permits, Mailstop 0338
5469 Kearny Villa Road, Suite #201
San Diego, CA 92123-1159

telephone/voice mail: (858)874-4025
secretary: (858)874-4040
fax: (858)874-4028
e-mail: Yosmia.johnson@sdcounty.ca.gov

ENCROACHMENT/EXCAVATION/CONSTRUCTION PERMIT # _____

Applicant Information

Company: SDG&E

Agent/Applicant: PAR ELECTRIC - OSCAR BASHAW

Agent Phone Number: 619-954-5826 Agent Fax Number: 760-~~8~~-1482
781

Agent Mailing Address: 525 CORPORATE DR.
City ESCONDIDO State CA Zip Code 92029

Reason for Traffic Control: UNDERGROUNDING OF 230KV - 2 CIRCUITS SUNRISE PROJECT

Start Date: 10-17-10 Start Time: 7:00 (a.m.) / p.m.

Finish Date: 12-31-12 End Time: 5:00 a.m. / (p.m.)

It is requested that a permit be granted for traffic control on the following street/streets:

STREET 1 ALPINE BLVD. From Street STARVALLEY RD. To 1000' W/O PEUTZ VALLEY RD.

STREET 2 _____ From Street _____ To _____

COMMUNITY ALPINE Thomas Bros. Map Page and Grid # 1233-1234
START F4 - FINISH G6

[Signature]
(Agent's or Applicant's Signature)

9-15-10
(Date)

See Attached Plan (s) and Traffic Control Notes

This request is / ~~is~~ approved.

Director, Department of Public Works

By Robert J. Gonzalez 9-17-2010
(For Road Commissioner)

CC: Construction Inspection
Ref: Sec 72.75. County Code of Regulatory Ordinances

ALPINE BL
FLAGGING/BIKE & LANE CLOSURE/LANE SHIFT
FOR UNDERGROUNDING OF 230KV – 2 CIRCUITS
TRAFFIC CONTROL NOTES

Contractor shall make application to the Traffic Engineering Section of the Department of Public Works (Roads Division, 5469 Kearny Villa Rd, Suite 201, San Diego, CA, 92123-1159, Mail Station O338) for a traffic control permit, a minimum of three (3) weeks prior to commencement of work. There is no fee for this permit.

The closure of Alpine Bl will not be permitted at any time.

Work hours shall be from 7:00 AM to 5:00 PM, Monday thru Friday.

Traffic control shall be in accordance with traffic control plans for the Interstate 8 Alternate TL23054 & TL23055, sheets 18-TS-01 to 18-TS-72 which were prepared and stamped by Nolte and Associates for SDG&E.

No road closures, detours or striping changes will be allowed to start on a Friday, unless otherwise noted.

The Contractor shall be responsible for identifying the locations of schools that will be affected in the area of the impending work. Due to peak volumes of pedestrian and vehicular traffic associated with schools, the Contractor may be required to delay the start of construction operations until after school is in session and complete construction operations before school is out of session.

During non-working hours, the Contractor shall provide the full road width, which existed prior to the start of construction.

When the work zone is confined to the road shoulder with minimal or no road encroachment, refer to Chapter 6H "Typical Applications" of the "California Manual on Uniform Traffic Control Devices" (CA MUTCD), latest edition.

NOTIFICATION

Permittee agrees to indemnify, hold harmless and defend the County and each of its officers and employees from any liability or responsibility for accident, loss or damage to persons or property arising by reason of the work done by permittee, or permittee's agents, employees or representatives.

Whenever construction activity will disrupt or impede access to any residence/business, the contractor shall inform each affected residence/business by written notice the nature and expected duration of the disruptive construction activity. Such written notice shall be delivered to each affected residence/business a minimum of two (2) weeks prior to the start of the disruptive construction activity.

The Contractor shall notify all adjacent residence/business, which will be affected in the area of the impending work, five (5) days in advance, by using doorknob-type notices. The Contractor shall include its business telephone number on the notices. The Contractor's business telephone number

shall be toll free or local to San Diego County. Doorknob type notices will be furnished by the Contractor.

Contractor shall coordinate with David Bosley, County Traffic Signal Coordinator, at cell phone (619) 701-1905 or Southwest Traffic Signal Service Inc. (the County signal maintenance contractor) at (619) 442-3343, to identify location of signal detector loops and, if appropriate, to set the traffic signal on flashing red at Alpine Bl & Tavern Rd, Alpine Bl & Arnold Wy and Alpine Bl & South Grade Rd prior to the start of work and to reset upon completion of work.

SIGNING

All signs shall conform to the specification set forth in the latest edition of Part 6, "Temporary Traffic Control" of the "California Manual on Uniform Traffic Control Devices for Streets and Highways" (CA MUTCD), latest edition.

The Contractor shall place "Tow-Away/No Parking" signs along the street 24 hours prior to the impending work. "Tow-Away/No Parking" signs shall be furnished by the Contractor and shall contain a space in which the contractor shall enter the day(s) during which parking will be prohibited. Remove these signs immediately when they are no longer needed for use in the respective area of the project. If work is delayed or rescheduled for any reason after placement of "Tow-Away/No Parking" signs, remove the signs and place redated signs two (2) days in advance of the impending work.

All signs shall be in place prior to start of construction.

All advance warning signs shall be 48" x 48".

All other signs shall be standard size unless otherwise noted.

For continuous work lasting more than two weeks, all W20-1 or C23, and curve warning signs shall be mounted on 4"x 4" wooden posts at standard height and equipped with type "B" high-intensity flashers, unless otherwise noted.

For work of less than two weeks, all W20-1 signs can be either post-mounted on 4" x 4" wooden posts at standard height or on a portable type installation.

Post-mounted signs shall remain in place at all times until construction is completed. Other signs required for traffic control shall be laid down or covered during non-working hours.

All other signs may be mounted on a portable type installation as per Section 12-3.06B of Caltrans Standard Specifications unless otherwise noted.

All bike lane signs within work area shall be covered during working hours. Contractor shall use "BIKE LANE CLOSED" signs when working on roads that have designated bike lanes and remove the "BIKE LANE CLOSED" signs within the work area during non-working hours.

Placement of all signs shall not interfere with sight distance at driveways and intersections.

Position of post-mounted signs may be adjusted as necessary to optimize visibility or sign and/or obtain suitable placement area.

W20-1 signs and all other yellow or orange signs shall have a reflective background constructed of at least high-intensity (Type III) retroreflective sheeting.

STRIPING

All obliterated striping, raised pavement markers, pavement paint legends and markings, shall be replaced by the Contractor.

All new striping shall be reflectorized and shall be supplemented with new raised pavement markers of the proper pattern corresponding to the striping.

TRAFFIC SIGNAL LOOP DETECTORS

Signal equipment, such as loop detectors, damaged by the Contractor shall be replaced by the Contractor.

DEVICES

Actual work area shall be protected with either orange reflectorized post delineators or by barricades equipped with type "A" flashers sufficient in number to prevent entry of both vehicles and pedestrians except as may be noted elsewhere. At no time shall a continuous row of flashers be used adjacent to a lane of traffic. Only steady-burn type "C" lamps shall be used under these circumstances.

All cones and/or post delineators shall be fitted with reflective sleeves (for night time use) of the appropriate color.

All barricades except those supporting C27 signs shall be equipped with type "A" flashers unless otherwise noted.

All type "B" flashers shall operate 24 hours a day.

FLAGGING

Flagging operation shall use alternate one-way movement to pass traffic through the construction area.

Traffic shall be controlled at all times by flaggers. Flaggers shall be in constant communication with each other during the flagging operation. Advance flaggers shall be positioned upstream to warn traffic when queues develop. Additional flaggers may be required at intersections.

Where the one-lane section is short enough so that each end is visible from the other end, traffic will be controlled by means of a flagger at each end of the section. They should be able to communicate with each other verbally or by means of signals. These signals should not be such as to be mistaken for flagging signals. Where the end of one-way section is not visible from the other end, the flaggers

shall maintain contact by means of radio or field telephones so that a flagger may know when to allow traffic to proceed into the section.

Flaggers shall be positioned near crest of hill allowing flaggers sufficient visibility of approaching traffic.

Flaggers shall be positioned so that they are easily visible to approaching traffic.

TRENCH PLATING

Contractor shall comply with the following County trench plate policies:

- a. Any and all open trenches within the construction area/boundaries shall be appropriately protected with barricades and spoil piles to prevent entry of vehicles and pedestrians, to the satisfaction of the County Engineer.
- b. No open trenches are allowed during non-working hours of operation.
- c. All trenches shall be back-filled and paved or plate-bridged overnight and/or during non-working hours of operation.
- d. All trench plates shall be recessed so that they are even with the existing surrounding pavement. The pavement shall be cold planed to a depth equal to the thickness of the plate and to a width and length equal to the dimensions of the plate. Contractor shall ensure that installation of all adjoining steel plates results in an even surface for users of the road to reduce noise levels.
- e. Pin down all recessed plates to avoid any lateral movements. Approach plate(s) and ending plate (if longitudinal placement) shall be attached to the roadway by a minimum of two (2) dowels pre-drilled into the corners of the plate and drilled 2" into the pavement. Subsequent plates are to be butted and tack welded to each other.
- f. When steel plates are removed, the dowel holes in the pavement shall be backfilled with either graded fines of asphalt concrete mix, concrete slurry, epoxy or an equivalent that is satisfactory to the County Engineer.
- g. Steel plates used for bridging must extend a minimum of 12" beyond the edges of trench.
- h. All temporary steel plate bridging shall be traffic bearing and shall have non-skid surfaces. Non-skid surfaces on the temporary steel plate bridging as well as the method of installing the temporary steel plate bridging and shoring shall be as specified in Section 602.1, "Temporary Steel Plate Bridging -- With a Non-Skid Surface" of the most current Caltrans Encroachment Manual. Please refer the following link for additional details: http://www.dot.ca.gov/hq/traffops/developserv/permits/pdf/manual/Chapter_6.pdf
- i. Unless approved by the County Inspector, use of steel plate bridging shall not exceed 5 consecutive working days in any given week.
- j. At the end of every work day, steel plate bridging shall not exceed 900 feet in length.
- k. Appropriate signage per the latest edition of the California Manual on Uniform Traffic Control Devices (CA MUTCD) shall be used along with any other required construction signing.
- l. During the course of construction, if the County Inspector makes a determination that the steel plate installation has created a condition that may be unsafe to any users of the road; the inspector will require the contractor to mitigate all unsafe conditions to the satisfaction of the County Engineer.

ACCESS

Emergency vehicle access shall be maintained at all times.

Contractor shall maintain access to all private driveways within the construction area. If continuous access cannot be maintained, access must be provided as needed.

Adequate provisions shall be made for pedestrian traffic.

Adequate sight distance shall be maintained at all intersections in the vicinity of the work zone. If sight distance is affected by the traffic control, the contractor shall provide adequate distance per the County of San Diego Public Road Standards. The use of mirrors, or such devices, is not acceptable as an alternative to providing adequate sight distance.

GENERAL

Contractor shall be responsible for supplying and maintaining all traffic control devices for both the construction area and the detour.

The Contractor shall be responsible for supplying, installing and maintaining all traffic control devices as shown on the plan along with additional traffic control devices that may be required to ensure safe movement of traffic and pedestrians through work area.

The provisions of this section may be modified or altered if, in the opinion of the County Inspector, public traffic will be better served and the work expedited. Said modifications or alterations shall not be adopted until approved in writing by the County Inspector.

All dirt and debris shall be removed from the roadway each day before completion of work. Street must be maintained in drivable condition at all times.

All advance warning signs, delineators, and barricades shall be removed from the roadway at the end of work each day (except W20-1 signs, if plate-bridging overnight.)

The Contractor is to replace roadway and all signing to normal conditions at the completion of work.