



## City of Laguna Hills Public Services and Engineering Department

24035 El Toro Road, Laguna Hills, CA 92653  
(949) 707-2650 Fax (949) 707-2633

### Traffic Control Plan General Notes

Effective 12/29/2009

1. All work and material shall comply with the California Manual on Uniform Traffic Control Devices (CMUTCD), latest edition.
2. All striping and markings shall conform to the State of California Standard Plans and Specifications, including Standard Plan A-20 details.
3. The Contractor shall provide for access to all adjacent properties.
4. Flashing yellow beacons, Type-B, shall be used on all W20-1 signs and on all Type-III barricades guarding the work area overnight.
5. All signs shall be reflectorized and standard size.
6. All tubular delineators shall be 36" minimum height and cones shall be 28" minimum height, reflectorized and maintained erect in the indicated position at all times, and shall be repaired, replaced or cleaned as necessary to preserve their appearance and continuity and shall include a 12" high-intensity reflectorized sleeve, if used during night time hours.
7. The Contractor shall maintain, on a continuous basis, all signs, delineators, barricades, etc., to insure proper flow and safety of traffic during construction.
8. The Contractor shall have all signs, delineators, barricades, etc. properly installed prior to commencing construction.
9. Construction operations shall be conducted in such a manner as to cause as little inconvenience as possible to abutting property owners.
10. Additional traffic controls, traffic signs, or barricades may be required in the field. The Contractor shall be responsible for the placement of any additional devices necessary to assure public safety at all times during construction.
11. Exact location and type of construction signs shall be directed by the City Engineer based upon construction conditions.
12. No lane closures on arterial streets will be permitted before 9:00 a.m. and after 4:00 p.m.
13. No lane closures on residential/collector streets will be permitted before 7:00 a.m. and after 4:00 p.m.
14. Move delineators and/or cones to the edge line stripe during non-working hours. Remove barricades, etc. from travel lane. See note 11.
15. Remove or turn signs during non-working hours.
16. All conflicting lines, existing curb paint and markings shall be removed by wet sandblasting or other approved method prior to installation of new/temporary striping. All conflicting raised pavement markers shall be removed. Pavement that is damaged due to the removal of markings shall be repaired to the satisfaction of the City Engineer. The contractor shall implement Best Management Practices (BMPs) to ensure no run-off to the storm drain system.
17. A minimum of 5' clearance shall be maintained between any open excavation and adjacent travel lanes open to traffic.

18. The Contractor shall replace any and all striping and pavement markings disrupted or removed during this construction to the satisfaction of the City Engineer.
19. The Contractor shall notify the Orange County Transportation Authority (OCTA) at (714) 265-4330 or any other affected transit services at least ten working days prior to construction regarding any affected locations.
20. The Contractor shall provide flaggers per plan or as deemed necessary by the City Engineer. Flaggers shall comply with the Caltrans Flagger Hand Book 2007. (Visit: <http://www.dot.ca.gov/hq/construc/flagging/flaggerhandbook2007.pdf>)
21. Place additional "LANE CLOSED" C30(CA) signs on Type-II barricades as directed by the City Engineer throughout extended work areas in each lane that is closed. Install "OPEN TRENCH" C27(CA) signs whenever an open excavation area exists adjacent to the traveled way.
22. The Contractor shall comply with the requirements of the American Disability ACT (ADA) as related to pedestrian access and shall maintain pedestrian access at all times per ADA requirements. Sidewalk closure/detour shall comply with the Caltrans standards.
23. The Contractor shall cover or remove all conflicting signs.
24. The Contractor shall post symbol "UNEVEN LANES", "STEEL PLATES AHEAD" or "BUMP" signs for pavement surface disruptions of ½ inch or greater. Pavement disruptions of 1 inch or greater shall have a beveled edge of four (4) horizontal to one (1) vertical.
25. The Contractor shall install "CAUTION STEEL PLATES AHEAD" and/or "ROUGH ROAD" signs in advance of steel plate bridging.
26. The Contractor shall notify affected schools, businesses, homeowners, police and fire departments one (1) week prior to start of work.
27. The Contractor shall provide 24-hour contact and telephone numbers for response to traffic control issues.
28. The Contractor shall contact, a minimum of five (5) business days in advance, the City Traffic Consultant, Tram Hartzog (Hartzog and Crabill, Inc.) at (714) 731-9455 to assure implementation of proper timing of affected traffic signals. The proper traffic signal timing shall be in effect at all times that the associated traffic controls are in place.