

TEMPORARY TRAFFIC CONTROL - GENERAL NOTES:

1. Temporary traffic control (TTC) shall comply with the most recently adopted version of the Manual on Uniform Traffic Control Devices (MUTCD).
2. Sign placement in rural areas:
 - a. The minimum sign height, measured vertically from the bottom of the sign to the elevation of the near edge of the pavement, shall be 5'.
 - b. The height to the bottom of a secondary sign/plaque mounted below another sign shall be 4'.
 - c. Lateral offsets from the roadway shall be in accordance with the most recently adopted version of the MUTCD.
 - d. Shall not be located on sidewalks or bicycle facilities.
3. Sign placement in urban areas:
 - a. The minimum sign height, measured vertically from the bottom of the sign to the top of the curb, shall be 7'.
 - b. In the absence of curb, the minimum sign height, measured vertically from the bottom of the sign to the elevation of the near edge of the pavement, shall be 7'.
 - c. The minimum sign height of signs installed at the side of the road in business, commercial, or residential areas where parking or pedestrian movements are likely to occur, or where the sign may be obstructed, shall be 7'.
 - d. The height to the bottom of a secondary sign/plaque mounted below another sign shall be 6'.
 - e. Shall not be located on sidewalks or bicycle facilities.
4. The use of signs mounted on a barricade or other portable support, with 1' minimum above the travelled way, may be considered under the following conditions:
 - a. The roadway has a continuous two lane cross section.
 - b. The posted speed limit of the roadway is 30 mph or less.
 - c. The average daily traffic (ADT) count on the roadway is less than 4000.
 - d. Sign placement does not obstruct sidewalks or bike lanes.
 - e. Sign placement provides an unobstructed view to drivers.
 - f. The work zone duration is a maximum of three (3) days. Should work extend beyond three (3) days, all signs used as part of the TTC plan shall be either raised to meet the criteria previously specified or be post mounted.
5. All signs shall be retroreflective with a material that has a smooth, sealed outer surface. For short term projects (one day), intermediate term projects (up to three days or nighttime work lasting more than one hour) or mobile operation, signs may be made of a rigid or flexible material.
6. For nighttime operation, all advance warning signs shall be equipped with Type B High-Intensity Flashing warning lights; the first delineator on a tangent and all delineators on tapers shall have Type C Steady-Burn warning lights.
7. A minimum of one person shall be assigned to provide full time, continuous monitoring and maintenance of traffic control devices. The person assigned this responsibility may also participate in other construction activities; however, the assigned worker shall be aware of his/her responsibilities for providing this assistance.
8. All channelizing devices shall be 28" min. in height during night work (all facilities) and on roadways with a posted speed limit of 45 mph or greater. Channelizing devices shall be 18" min. during day work on roadways with a posted speed limit of 40 mph or less. Delineators used during night time hours shall be equipped with retroreflective bands. Maximum delineator spacing shall be in accordance with ACHD standard details and the MUTCD and shall not exceed 50'.
9. "END ROAD WORK" signs (S20-2) may be placed at the end of areas controlled by temporary traffic control.
10. The ACHD inspector may direct the contractor to discontinue operations at any time if the inspector determines the work creates an undue safety risk or severe traffic congestion.
11. Traffic control devices shall be installed such that the advance sign or device farthest from the work zone shall be placed first with subsequent devices installed progressively towards the work zone.
12. Existing signs that may conflict with temporary traffic control devices shall be covered.
13. Flaggers shall wear approved safety apparel, shall be equipped with stop/slow paddles and shall be in sight of each other or in direct communication at all times.
14. TTC signs shall be promptly removed or covered whenever the message is not applicable or not in use.
15. Driveway access shall be maintained at all times during construction, unless other arrangements have been made with ACHD and the affected property owner in advance.
16. Buffer and taper areas shall remain clear of vehicles and equipment at all times, with the exception of appropriate traffic control devices.
17. Work involving modifications to normal traffic signal operations shall be coordinated with ACHD Traffic Operations.
18. On roadways where on-street parking is permitted, temporary "No Parking" signs shall be placed where roadway widths are inadequate to accommodate both parking and vehicular travel during work activities.
19. If construction obstructs an existing bus stop, the contractor shall coordinate work with Valley Regional Transit (VRT) a minimum of two (2) working days in advance of work and make provisions acceptable to VRT to provide an alternate temporary stop.
20. Work performed under these standard traffic control templates shall be limited to the hours approved by ACHD.
21. Use of these standard traffic control plans does not relieve the user of other ACHD requirements, such as obtaining a right of way use permit from ACHD for work in the right of way, submitting temporary traffic control plans and notification of the ACHD inspector prior to start of work.
22. Users of these standard traffic control plans shall review field conditions prior to beginning work. Users shall determine specific aspects of the roadway at the work location, determine the most appropriate template, complete the data table and revise the template with notes/sketches as appropriate to delineate actual field conditions. These templates shall not be used in locations where they do not reasonably depict actual field conditions.
23. Approved traffic control plans shall be on site available for review by the ACHD inspector when temporary traffic devices are in place.
24. All relevant traffic control devices shall be removed from the work site within one (1) working day of work completion.

*** REVISIONS ***

NO.	DATE	BY	DESCRIPTION

*** SIGNATURES ***

Scale:	Date: 1/8/13	Drawn By: Andrew Sisk
File: TC-TRUCKS.DWG	Appr'd By: Russ Spier	

*** TYPICAL TRAFFIC CONTROL PLANS ***

General Notes	TC-NOTES
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