

GENERAL NOTES FOR TRAFFIC CONTROL PLAN:

1. The Contractor shall make minor adjustments at intersections, driveways, bridges, structures, etc., to fit field conditions.

2. Flaggers, cones or delineators shall be extended to a point where they are visible to approaching traffic.

3. Traffic control devices shall be installed such that the sign or device farthest from the work area shall be placed first. The others shall then be placed progressively toward the work area.

4. Regulatory and warning signs within the construction zone that are in conflict with the traffic control plans shall be removed or covered. All signs shall be restored upon completion of work.

5. Flaggers and/or police officers shall be in sight of each other or in direct communication at all times.

6. When required by the issuing office, the Contractor shall install a variable message as required.

7. Sign spacings (D), taper lengths (T), and spacings of cones or delineators shall be as shown in Table 1, unless otherwise noted on the traffic control plans.

8. All traffic lanes shall be a minimum of 10 feet wide.

9. The backs of all signs used for traffic control shall be appropriately covered to preclude the display of inapplicable sign messages (i.e., when signs have messages on both faces).

10. At the end of each day's work or as soon as the work is completed, the Contractor shall remove all traffic control devices no longer needed to permit free and safe passage of public traffic. Removal shall be in the reverse order of installation.

11. Permanent pavement markings and traffic signs shall be replaced upon the completion of each phase of work.

12. All work zone traffic control devices shall comply with the "Manual on Uniform Traffic Control Devices," 2009.

13. The Scope of Services shall include preparation of a preliminary Traffic Control Plan ("TCP"). It is the Contractor's responsibility to be fully familiar with the site, the project and the traffic control needs to construct the project complete in place and operational. It is the Contractor's responsibility to implement the TCP for the protection of traffic through any and all portions of the construction operations. The Contractor shall comply with all of the requirements and technical specifications of the TCP. In addition, the Contractor shall assume full responsibility for the continuous and expeditious maintenance of all construction warning signs, barricades, lights, flaggers and all other traffic control measures and/or devices required by the TCP. Contractor shall be responsible for continuously reviewing and maintaining all traffic control measures.

14. The Consultant shall not supervise, direct or have control over the Contractor's work or have any responsibility for the construction means, methods, techniques, sequences or procedures selected by the Contractor or for the Contractor's safety and traffic control precautions or programs in connection with the work. These rights and responsibilities are solely those of the Contractor in accordance with the Contract Documents. The State hereby agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Consultant, its officers, directors, employees and subconsultants against all damages, liabilities or costs, including reasonable attorneys' fees and defense costs, associated with the Contractor's implementation of the Traffic Control Plan.

15. "No Parking" signs shall be added where required when existing stalls will be impacted by construction.

16. Traffic control devices left overnight shall be reflectorized or equipped with lighting devices.

17. The contractor shall be required to have any lane closure announced daily over the radio two (2) days before starting date until the work is completed. Both advertisements in the newspaper and over the radio shall be paid for by the contractor. The contractor shall also notify the hospitals, police, fire, and ambulatory services of the lane closures.

18. All workers within the State r/w who are exposed to either vehicles using the roadway or to construction equipment shall wear high visibility safety apparel that meets the performance class 3 requirements of ANSI/ISEA 107-2004. "workers" are defined as people on foot whose duties place them within the road right of way, such as, but not limited to construction and maintenance forces, equipment operators, survey crew, utility crew, responders to incidents (eg. Emt and firemen), and law enforcement personnel directing traffic, investigating accidents, handling lane closures and roadway construction.

19. All traffic control device shall be reflectorized when used at night. Cones shall be equipped with reflectorized collar when used at night. Flashing lights shall be used with barricades and steady burn lights when used in a series for channelization. Flagger stations shall be adequately illuminated at night.

20. Contractor to provide access and/or direction signs to reroute pedestrian traffic.

21. The contractor shall provide an adequate non-slip bridging material, including shoring over trenches in pavement areas. The bridging shall be able to support all types of vehicular and pedestrian traffic.

22. Where pedestrian walkways exist, they shall be maintained in a safe and passable condition or other facilities for pedestrians shall be provided. Passages between walkways at intersections shall likewise be provided.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-0300(121)	2016	8	81

TABLE 1 FOR TRAFFIC CONTROL PLAN

Posted Speed Limit (M.P.H.)	Sign Spacing (D) (Feet)	Taper Length (T) (Feet)		Longitudinal Buffer Space (B) (Feet)	Spacing of Cones or Delineators (Feet)		
		W = 12' or Less Ⓢ	W = Greater Than 12' Ⓢ		Taper	Tangent	Work Area
20	250	200	W X 17	35	20	20	10
25	250	200	W X 17	55	25	25	10
30	250	250	W X 20	85	30	30	10
35	250	250	W X 20	120	35	35	10
40	500	350	W X 30	170	40	40	10
45	500	550	W X 45	220	45	45	10
50	1000	600	W X 50	280	50	50	10
55	1000	700	W X 55	335	55	55	10

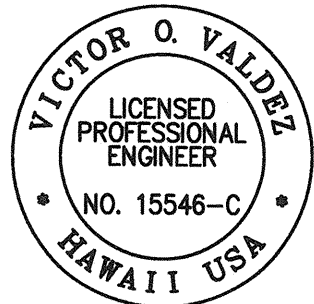
Ⓢ Notes: W = Width of Lane or Shoulder

PEDESTRIAN NOTES:

1. Pedestrian safety requirements as stated in MUTCD Chapter 6d must be adhered to during construction

2. When crosswalks or other pedestrian facilities are closed or relocated, temporary facilities shall be detectable and shall include accessibility features

3. The width of the existing pedestrian facility should be provided for the temporary facility if practical. When it is not practical to maintain a minimum width of 60 inches throughout the entire length of the pedestrian pathway, a 60 inch x 60 inch passing space should be provided at least every 200 feet to allow individuals in wheelchairs to pass.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

SIGNATURE

4/30/2016

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN NOTES

GUARDRAIL AND SHOULDER IMPROVEMENTS

At Various Locations, Oahu

Federal Aid Project No. HSIP-0300(121)

Date: March, 2016

SHEET No. 1 OF 1 SHEETS