

## SECTION 645 - WORK ZONE TRAFFIC CONTROL

Make the following amendments to said Section:

(I) Amend **Subsection 645.03 – Construction** by revising lines 64 to 66 to read as follows:

“Furnish two police officers for each location that requires work zone traffic control. If TCP is included in the contract documents, furnish number of police officers indicated in TCP, whichever is greater.

Furnish, deploy, maintain, and remove two (2) portable message boards (i.e., electronic message signs) for both approaches to project limits, at locations accepted by the Engineer, seven (7) days prior to start of road work.”

(II) Amend **Subsection 645.03 – Construction** by revising lines 71 to 74 to read as follows:

**“TCP Development.** Contractor shall develop site-specific Traffic Control Plan (TCP) and work schedule based on work hours and lane closure restrictions stipulated in the contract documents.

TCP shall be developed after Contractor conducted field investigation of traffic conditions, including but not limited to, traffic volume counts taken during anticipated work hours, detour routes, traffic signal timing, pedestrian crossings, bicycle routes, public transportation and public gathering places such as schools, businesses and shopping malls within the project limits and surrounding areas.

Contractor may request multiple individual lane-closures within the project limits at the same time based on, including but not limited to, type of work to be performed, traffic volume, surrounding developments (e.g., schools, businesses) at each proposed work site.

Based on prevailing traffic conditions and other factors, the Engineer may allow up to three (3) individual closures at one time, with distance between individual closures be at least 1 mile apart.

If work zone traffic delays of more than 30 minutes within project limits were observed during construction, the State reserves the rights to suspend TCP if Contractor failed to adjust his work and/or TCP to address traffic concerns brought forth by the State in a timely and responsive manner.

If TCP affects City & County of Honolulu streets, such as but not limited to, traffic detours onto City streets, or traffic control devices placed on City streets, a City & County of Honolulu, Department of Transportation services (DTS) Permit for Street Usage shall be obtained prior to starting work. A TCP stamped by a registered Civil

Engineer from the State of Hawaii may be required to obtain the DTS Permit for Street Usage.

**TCP Submittal.** Submit TCP and work schedule for review and acceptance following the procedures established in **Subsection 105.04 – Review and Acceptance Process**. TCP and schedule shall be accepted by the Engineer prior to starting work in each area. Submit modifications and deviations from accepted TCP following the procedures established in **Subsection 105.04 – Review and Acceptance Process**. Illegible TCP will not be accepted.”

(III) Amend **Subsection 645.03 – Construction** by adding the following items after line 101:

“(11) For lane closures indicate the max. length of roadway to be closed.

(12) For mobile operations such as rumble strip milling and striping, provide instruction details for warning sign and flagger deployment.

(13) Minimum lane width and offset distances to adjacent roadway elements (e.g., bridge railing, guardrail, portable concrete barrier, etc.)

(14) Eradicate conflicting pavement striping per **Subsection 629.03(D) Removal of Existing Pavement Markings**. Eradication of existing markings by painting over them will not be allowed.

(15) If the work will affect a pedestrian or bike route, show an alternative route and provide appropriate warning signs.”

(IV) Amend **Subsection 645.03(F) – Lane Closures** by revising lines 248 to 252 to read as follows:

“(F) **Lane Closures.** Lane closures will be allowed only during the following hours:

(1) **Day-time lane closure hours.** Lane closures will be allowed only from 8:30 a.m. to 3:00 p.m., Monday through Friday.

(a) Kamehameha Highway vicinity of Sunset Beach Elementary School (Sta. 232+00 to Sta. 252+00).

When school is in session, 1-lane, 2-way traffic control would be allowed only during the following hours:

1-lane closure	Both Directions
Mon, Tue, Thu, Fri	8:30 A.M. – 1:30 P.M.
Wednesday	8:30 A.M. – 12:15 P.M.

The Sunset Beach Elementary School has implemented a “drive-thru” student pick-up scheme when school ends in the afternoon. Traffic backup is expected during weekdays on Kamehameha Highway for vehicles waiting to enter the school driveway. Contractor shall coordinate his operations to accommodate this traffic condition when working near the school.

**(b) Surfing event lane closure moratorium periods**

No day-time lane closures will be allowed during major North Shore Surfing Event periods:

1. November 15 to the start of the 24-hour “No Lane Closure” restriction for the Three-week holiday period for Christmas and New Year.

See standard specs **Section 645 – Work Zone Traffic Control** for other “No Lane Closure” restrictions.

2. North Shore Surfing Events subject to the above lane closure restriction are the Van’s Triple Crown of Surfing:

- a. Reef Hawaiian Pro at Haleiwa
- b. Billabong Pipe Masters at Pipeline
- c. Van’s World Cup of Surfing at Sunset

3. Also included in the lane closure restriction is the Quicksilver in Memory of Eddie Aikau and/or other major surfing events as determined by the Engineer.

These surfing events would generally be held during the winter months of each year (e.g., from mid November to late December) based on surf conditions. Unless specially allowed by the Engineer, the no lane-closure restrictions will be for the entirety of these surfing events.

During the event window (holding period), surf conditions would be evaluated, and contest decision made on a daily basis by the surfing event organizer. Information regarding daily contest decision would be available at the organizer’s website and others (e.g., World Surf League, Surf News Network).

Based on observed traffic conditions, the Engineer may allow the Contractor to implement lane closure on non-surfing days during the surfing event window (holding period) on a case-by-case basis.

No contract time extension for the surfing event lane closure moratorium periods will be granted by the Engineer.

**(2) Allowable lane closure length.** Contractor shall coordinate his operations to limit the number and length of lane closures wherever feasible to minimize traffic delays while maintaining adequate and safe work area.

Maximum Individual lane-closure length shall not exceed ONE-THOUSAND (1,000) L.F., excluding lane closure tapers at both approaches. Consecutive lane closures shall be separated by a minimum distance of 1 mile.

The actual deployed lane closure length and the number of individual lane-closures allowed during different phases of construction would be subject to review by the Engineer based on prevailing traffic conditions and intersection locations.

Exceptions to lane closure hours and lengths specified require written acceptance by the Engineer. No increase in contract price or contract time will be given for lane closure restrictions specified.

**(V)** Amend **Subsection 645.04 – Measurement** by adding the following paragraph after line 404:

**“(C)** The two portable message boards (i.e., electronic message signs) for both approaches to project limits, as accepted by the Engineer, shall not be paid for separately and shall be considered incidental to the contract item No. 645.0100, Traffic Control.”

**END OF SECTION 645**