

B.C. MINISTRY OF TRANSPORTATION

SA06 Local Area Specification #6

HIGHWAY TRAFFIC PATROL

1. OBJECTIVE

To ensure the safe and efficient movement of traffic by removing obstructions interfering with traffic movement.

2. GENERAL PERFORMANCE SPECIFICATIONS

2.1 Routine Maintenance Services

All services for this Local Area Specification are Routine.

The Contractor will perform Highway Traffic Patrol in accordance with this Local Area Specification on the following structures/Highways:

- a) George Massey Tunnel
- b) Oak Street Bridge
- c) Alex Fraser Bridge
- d) Queensborough Bridge
- e) Highway #91 and #91A from Queensborough Bridge to 72nd Avenue
- f) Pitt River Bridge

2.2 Quantified Maintenance Services

Not applicable to this Local Area Specification.

3. DETAILED PERFORMANCE SPECIFICATIONS

3.1 Routine Maintenance Services

The Contractor must:

- a) perform traffic patrols in accordance with the times and frequencies set out in section 3.1.1. Performance Time Frames below;

- b) operate traffic control gates at specific sites to aid traffic movement during peak traffic flow as follows:
 - i) the transit queue gate on the Bridgeport Road ramp connection to the Oak Street Bridge will be closed to allow only transit buses to use the ramp as their queue jump as directed by the Province;
- c) remove vehicles involved in accidents or other obstructions from the Highway or Bridge Travelled Lanes;
- d) eliminate any hazards including but not limited to oil, gasoline or coolant, causing slippery Highway conditions;
- e) perform traffic control, as required, in accordance with the Maintenance Specification for *Highway Traffic Control*;
- f) report all incidents effecting the movement of traffic on or within the Highway or structure being patrolled, including the approaches to the structure, to the Provincial Highways Condition Centre and the qualified console operator;
- g) report any damage to a Bridge, tunnel and entrance and exit ramps to the Provincial Highways Condition Centre and the qualified console operator;
- h) complete a daily log book for each Highway and structure listed in section 2.1, noting all traffic disruption incidents and their circumstances, and make that log book available to the Province upon request;
- i) maintain the security of the structures and prevent Highway Users from gaining access to areas other than the Travelled Lanes or sidewalks, make note of obviously distraught people and report the location of potential suicide incidents to the Provincial Highways Condition Centre and the qualified console operator immediately; and
- j) report pedestrians or cyclists on Freeway portions of Highway 91, 91A, 99 or Highway 1 (from 900 m west of Glover Road underpass to 264th Interchange in Langley (SA07 border)) to the Provincial Highways Condition Centre and to the qualified console operator.

3.1.1 Performance Time Frames

The Contractor must:

- a) perform patrols at the beginning and end of each shift and at least once per hour during patrol times set out below:

Location	Patrol Schedule
(i) George Massey Tunnel	one 5-ton vehicle, wheel lift device optional, 24 hours per day, 7 days per week, on point duty from 0600 to 0900 hours and from 1530 to 1830 hours and roving within 5 minutes response of the tunnel otherwise; two standard wreckers for counterflow operations from 0600 to 0900 hours and from 1530 to 1830 hours;
(ii) Oak Street Bridge	one vehicle, wheel lift device optional, Monday to Friday (except statutory holidays); able to respond within 15 minutes of notification to incidents on the Oak Street Bridge and its approaches 0900 to 1500 and on point duty from 0600 to 0900 hours and from 1500 to 1900 hours; one additional wrecker Monday to Friday (except statutory holidays) from 0600 to 0900 hours and from 1500 to 1830 hours for point duty;
(iii) Alex Fraser Bridge	one vehicle, wheel lift device optional, Monday to Friday (except statutory holidays) roving within 5 minutes of the bridge from 0900 to 1500 and on point duty from 0600 to 0900 and 1500 to 1830 hours; one additional standard wrecker Monday to Friday (except statutory holidays) from 0600 to 0900 and from 1500 to 1830 hours for point duty;
(iv) Queensborough Bridge	two standard wreckers on point duty from 0600 to 0900 and from 1500 to 1900 hours Monday to Friday (except statutory holidays);
(v) Highway #91 and #91A from the Queensborough Bridge to Nordel Interchange	one vehicle, wheel lift device optional, Monday to Friday (except statutory holidays) from 0900 hours to 1500 hours;

Location	Patrol Schedule
(vi) Pitt River Bridge	one vehicle, wheel lift device optional, Monday to Friday (except statutory holidays) from 0500 to 1300 hours, on point duty from 0530 to 0830 hours and from 1430 to 1900 hours for point duty; one additional standard wrecker Monday to Friday (except statutory holidays) from 0530 to 0830 hours and from 1500 to 1900 hours for point duty.

- b) immediately, upon detection or notification to the Contractor, report incidents affecting the traffic flow to the Provincial Highways Condition Centre and, where applicable, to the Qualified Console Operator;
- c) have a patrol vehicle at the scene of an obstruction within five minutes from the time of the occurrence except where traffic conditions dictate otherwise; and
- d) clear any obstruction from the Travelled Lanes within ten minutes of the occurrence, except where a motor vehicle accident requiring the presence of the police authorities or where the nature of the obstruction is such that it is unreasonable or impractical to remove it, and/ or where traffic conditions make it physically impossible to clear it.

3.2 Quantified Maintenance Services

Not applicable to this Local Area Specification.

3.3 Materials/Equipment

The Contractor must ensure that all patrol vehicles:

- a) are in compliance with the Motor Vehicle Act and regulations regarding towing vehicles;
- b) have a minimum of 1-ton rating, except at the George Massey Tunnel where the 24-hour vehicle will have a minimum 5-ton rating;
- c) capable of direct communication with the Provincial Highways Condition Centre and the qualified console operator (if applicable) and other patrol vehicle(s) at all times; and
- d) be equipped with:
 - i) front push bumper and a wheel lift device;
 - ii) fire fighting equipment;
 - iii) basic first aid equipment;
 - iv) safety flares;
 - v) brooms, shovels, jumper cables and other equipment as directed by the Province;
 - vi) flashing arrow board; and
 - vii) 20 litres of liquid absorbing compound.

4. WARRANTY

Not applicable to this Local Area Specification.