

54.34 BEAVER CONTROL

54.34.1 GENERAL

The Work consists of the removal of beavers and beaver dams from around culvert installations and other areas where there is a possibility of damage to highways or private land, and the installation of protective devices at the ends of culverts to deter future beaver activities.

54.34.2 MATERIALS

The type of beaver control protective device installed shall be subject to the approval of the Engineer.

The Contractor shall supply the cage-like protective devices and all other materials necessary to complete the Work.

54.34.3 EQUIPMENT

The Contractor shall supply all equipment necessary to complete the Work. Any required specialized or heavy equipment will be shown on the Work Order.

54.34.4 PROCEDURES

The Contractor shall contact Alberta Environment regarding permits, policy, and procedure for removal of beavers and for the locations and procedural requirements in the areas of any registered traplines.

The Contractor shall contact the applicable landowners and tenants to obtain permission to enter onto any private property and liaise with the landowner to determine time restrictions and any other operating concerns and to advise if traps will be used. Whenever possible, the landowners concerns shall be dealt with as scheduling and operating requirements.

The designated beaver dams and all debris shall be completely removed from the area and properly disposed of. Beaver dams can be removed by blasting, excavating or any other method that results in the free flow of water and without damaging the culverts. Blasting shall be performed only by a person holding a valid blasting ticket from the appropriate agencies, and the Engineer reserves the right to accept or reject any certification. The beavers shall be removed from the area in accordance with the regulations of Alberta Environment.

54.34.5 ACCEPTANCE CRITERIA

The Work will be accepted based upon a visual inspection by the Engineer. The Work will be accepted when water flow is restored and all debris is removed.

54.34.6 TIME TO COMPLETE

The Contractor shall complete the Work within 10 calendar days of issuance of the Work Order.

54.34.7 MEASUREMENT AND PAYMENT

Measurement will be in hours (to the nearest ¼ hour) for the time spent travelling to and from the worksite, travelling between worksites and engaged in the Work in accordance with the following:

- ! the maximum allowable travel time from the nearest shop to the worksite will be one hour
- ! the maximum allowable travel time from the worksite to the nearest shop will be one hour
- ! travel time between sites will be based on the shortest distance between sites
- ! travel time shall be reported separately on a daily crew worksheet
- ! two 15 minute coffee breaks per day will be allowed (no deduction)
- ! a minimum total time of 3 hours per Work Order will apply.

Payment for removing beavers and beaver dams and installing beaver control devices will be made at the unit price bid per hour for "Beaver Control". This payment will be full compensation for supplying a qualified trapper or blaster, installing the beaver control protective devices, travelling time, supplying a pickup truck and all labour, hand tools and incidentals necessary to complete the Work.

When the Engineer determines and directs that heavy equipment is required to complete the Work, payment for such equipment will be made as Extra Work in accordance with Specification 51.2, General (For Maintenance Work).

When explosives are required, payment for the supply of the explosives will be made as Extra Work in accordance with Specification 51.2, General (For Maintenance Work).

Payment for the supply of the beaver control protective device will be made as Extra Work in accordance with Specification 51.2, General (For Maintenance Work).

54.34.8 WARRANTY

The warranty period for the protective devices shall be 1 year.

There is no warranty period for the removal of the beaver dam and beavers.