

## SUMMARY OF WORK FOR PROPERTY OWNERS

### Highway 29 works: activities required for road construction

In fall 2018, BC Hydro will be starting site preparation and construction activities for Cache Creek West. This is the first portion of work on the six segments that will be constructed as part of the Highway 29 realignment. Please see the attached information sheet for more detail on the Highway 29 realignments and a construction schedule. The following offers a high-level summary of the work that may occur during construction.

#### Site preparation

- Clearing and grubbing (vegetation removal) will take in construction areas or places where aggregate sources will be developed.
- Merchantable timber will be stacked along Highway 29 and moved to local mills.
- Wood waste may be chipped, mulched, spread as coarse woody debris, or burned on site.
- Topsoil will be removed and stockpiled on-site or hauled to an off-site storage location.
- Fencing will be installed to replace existing fencing on private property and to protect work areas.
- Potentially contaminated sites will be assessed prior to the start of site preparation. If contaminated sites are found, they will be remediated as part of the site preparation work.

#### Road and highway construction

- Temporary facilities, such as offices, storage and refuelling sites, will be built.
- Aggregate (gravel and stone) will be crushed and riprap (larger rocks often used for erosion protection) will be produced. Gravel will be excavated and hauled to the work areas by truck.
- The highway segments will be levelled and graded. This may require excavation and aggregate placement.
- Drainage systems will be created. This includes ditches, culvert installation, and riprap placement.
- In some areas, existing streams and watercourses may be diverted during construction.
- Temporary bridges and access points will be constructed, where required.
- Once the newly-constructed highway segments are levelled and graded, they will be paved. Paving is weather dependent.
- Bridge construction will require pile driving in some areas.
- Once paved, the highway segments will be finished with pavement markings, roadside barriers, new and relocated signage, electrical installations, fencing and landscaping.
- Existing Highway 29 alignments, side roads, bridges, and other road infrastructure will be decommissioned. BC Hydro will do this by removing and reusing pavement and gravel, restoring natural drainage channels, developing fish habitat, and replanting the areas outside the future reservoir.
- Existing access roads may require improvements, such as widening and new signage.
- All temporary construction areas will be restored to their prior state once construction is done. This includes construction laydown areas and temporary access roads.

**Figure 1: Example of dump truck that may be used**



**Figure 2: Example of the type of machinery that may be used**



**Figure 3: A road paver**



**Figure 4: Early road construction – levelling and grading**



**Figure 5: Example of paving**



**Figure 6: Drainage / culvert work**

