

nationalgrid

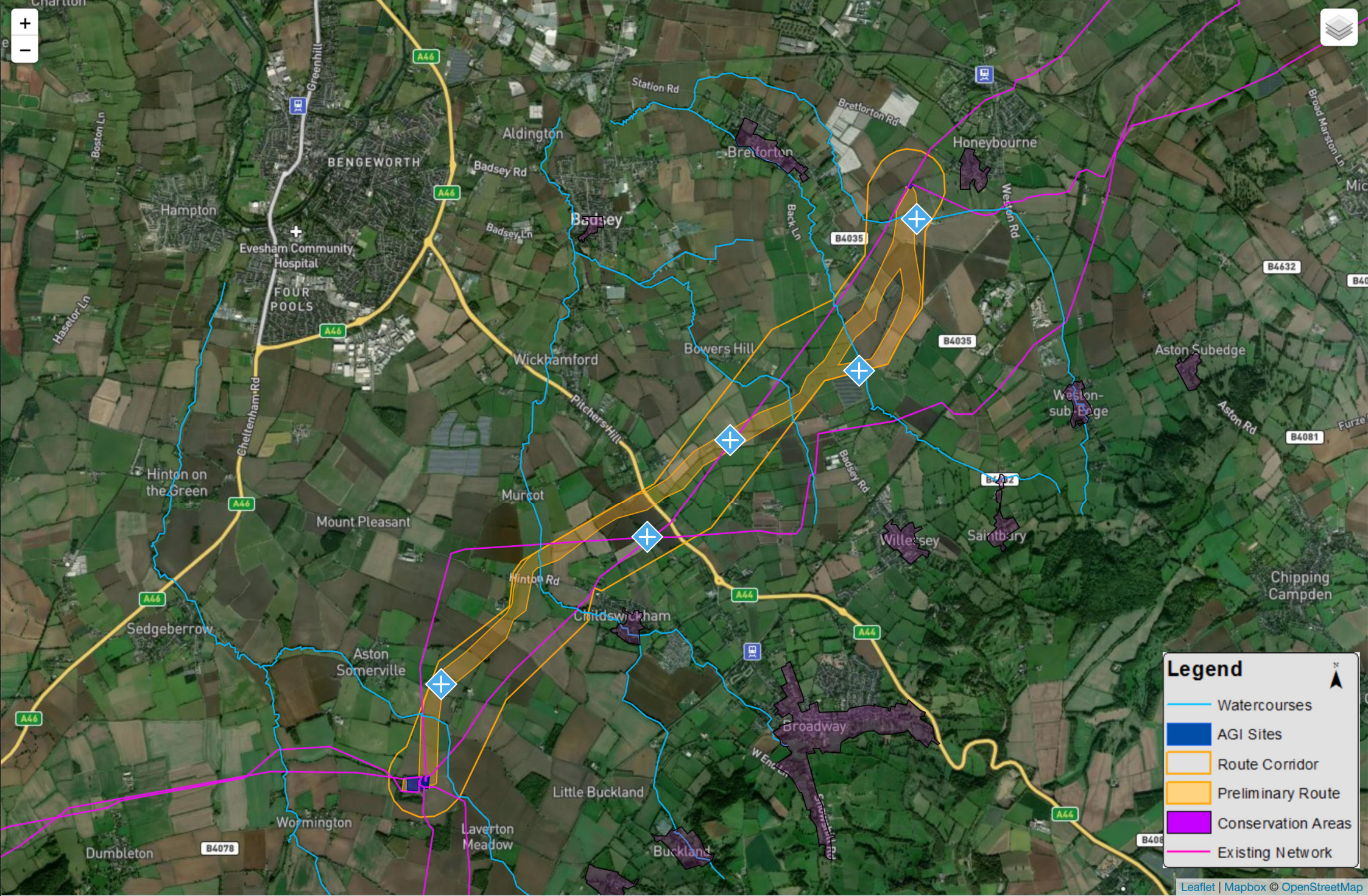
This immersive tour of the Western Gas Network Upgrade project has been developed to introduce the project.

You can click on hotspots to reveal specific details about the project and area.



Legend

- Watercourses
- AGI Sites
- Route Corridor
- Preliminary Route
- Conservation Areas
- Existing Network



Legend


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
Trenchless road crossing


We understand the importance of keeping traffic flowing, and use trenchless road crossings where possible. This technique enables us to work either side of the road and pass our pipeline underneath allowing roads to remain open.


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
 Watercourses

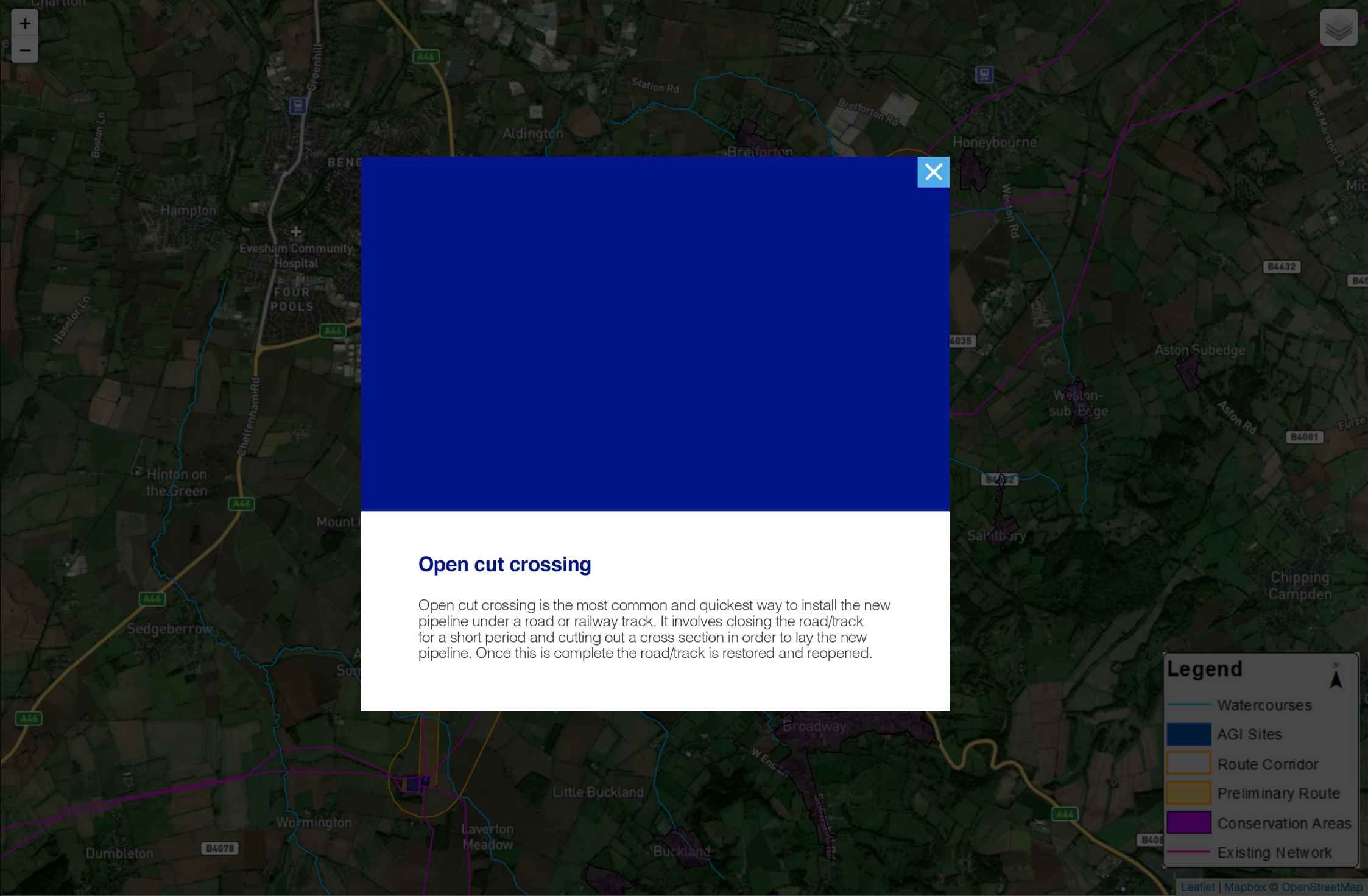
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Open cut crossing

Open cut crossing is the most common and quickest way to install the new pipeline under a road or railway track. It involves closing the road/track for a short period and cutting out a cross section in order to lay the new pipeline. Once this is complete the road/track is restored and reopened.

Legend

Watercourses

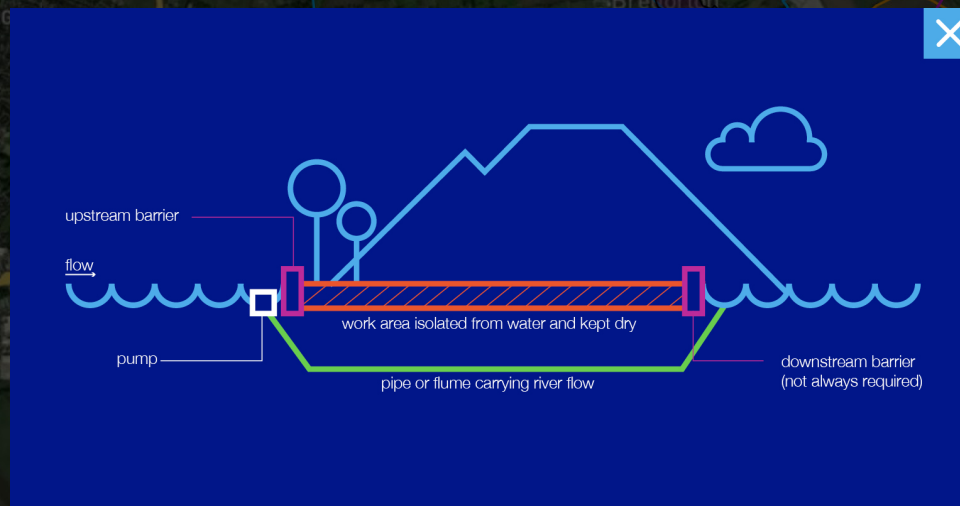
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Watercourse crossing

We are still in discussions with the Environment Agency about which method should be used where the pipeline needs to cross a watercourse. In some instances, it may be best to work on either side of the watercourse. However, in some cases, especially where a stream is dried out over winter it would be more appropriate to do an open cut into a cross section of the stream, install the pipeline and then reinstate the stream as before.

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Hedgerows

In order to install the new pipeline, we will need to go under hedgerows which divide fields. To do this we will temporarily remove the hedgerows and install the section of pipeline underneath. Once our work is complete, we will replant and restore the hedgerows as before.

Legend


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Agricultural land


The pipeline will mainly go through private agricultural land. We will fence off the working corridor of land which we will need to use in these fields and dig the trenches for the new pipeline. We will take care to separate out topsoil and subsoil when removing and restoring the earth so agricultural work can resume as before following our work.


Legend


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
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
Works compound and Haul Roads


We will need to set up works compounds along the pipeline route to house temporary offices for site managers, engineers etc and general welfare facilities for the wider team. These will need to be connected to the road network by haul roads which will allow vehicles to access works compound and the works site.


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