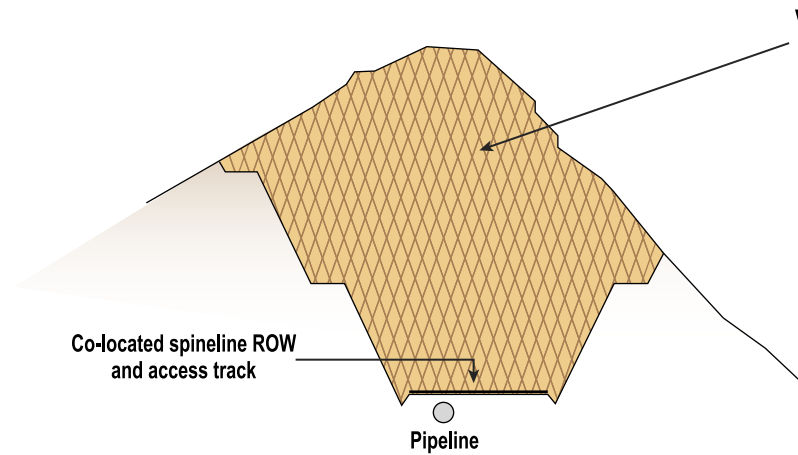
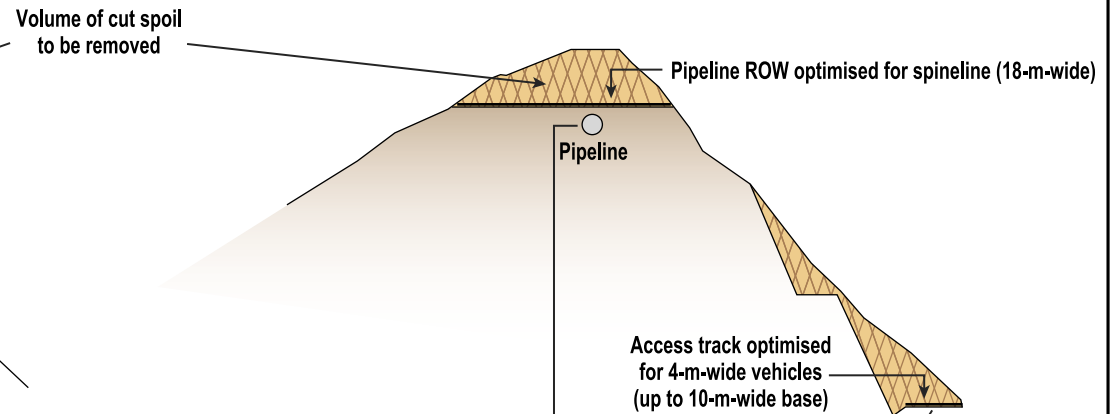


### Option A



### Option B



Example of separated ROW and access track

#### Option A

Initial routing option co-located pipeline and access track in 18-m-wide ROW:

- Major earthworks required to achieve 16% grade limit for access road
- Large volumes of excess spoil generated and sidecast

#### Option B

Base case is 18-m-wide pipeline ROW and access track, with separate 7- to 10-m-wide access track routed in separate alignment in steep areas (approx 10 km):

- Pipeline ROW routed along ridge top requires smaller cut
- Access track can route across side slope contours to achieve 16% road grade limit, resulting in smaller earthwork cuts
- Overall, less earthworks and excess spoil generated



Job No:  
1284  
File Name:  
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Esso Highlands Limited

PNG LNG Project

Reducing the landform and associated impacts of the Hides Ridge ROW and access track

Figure No:

7.6