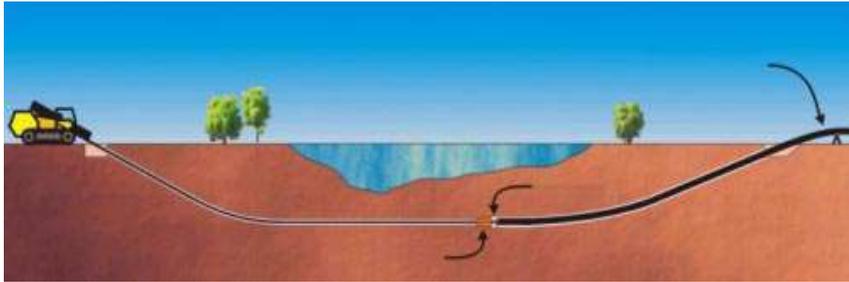


## Methodology of Laying of OFC - Horizontal Directional Drilling (HDD)

### Trenchless Crossing: HDD Method

Horizontal Directional Drilling (HDD) is a technique for installing product pipes, including utility lines, below ground using a surface-mounted drill rig that launches and places a drill string at a shallow angle to the surface and has tracking and steering capabilities. In recent years HDD has been the preferred methodology due to several government policies conducive to infrastructure growth. The dimension of the hole will be 100 Mm in width.

*A Typical HDD Methodology is shown below:*



*A Typical dimensioning of pits and Junction Box on the Route length is shown below:*

*Pit Size is 1mt X 1 Mt and Junction Box is also of same dimension.*

