

The chamber shall be laid alternatively in the same corridor in coordination with the other neighbouring service corridors reserved for SAUP. The guidance and approval shall be obtained accordingly from each affected SAUP including TRANSCO.

In addition, TRANSCO water lines shall be vetted by a prequalified designer as per the TRANSCO water corridor requirements; independently, of the above required water corridors. TRANSCO water corridors shall be installed based on one of the following guidelines after securing UPC approval on the approach adopted:

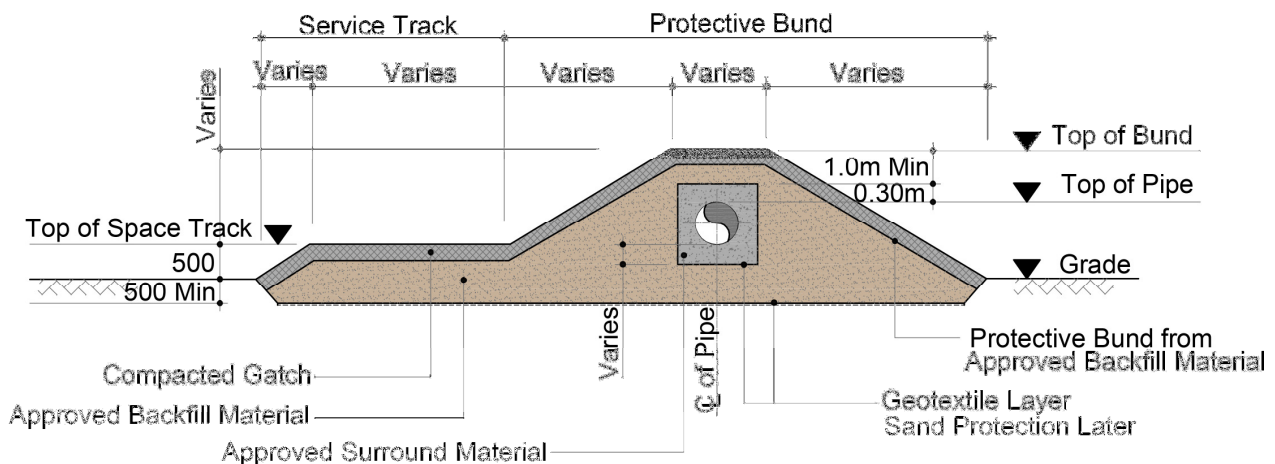
- Increase the ROW of the street where a TRANSCO water main is installed; or
- Introduce a dedicated corridor for TRANSCO water main within the development.

In case of ADWEA/ADDC/AADC pipes with different diameters, it is recommended that:

- Pipelines having diameter 600mm and above shall have 6.0m wide water corridor reserve for single line and 9.0m for double/twin lines.
- Pipelines having diameter less than 600mm shall have 4.0m wide water corridor for single line and 6.0m for double/twin lines.
- For two or more pipes in the same corridor, the width shall be the sum of internal pipe diameters plus 0.45m between the pipes plus 0.45m on the sides.

The pipes shall be placed at a minimum depth of 1.0m measured from the top of the pipe barrel to the finished road level, to avoid interference with other services. Typical section of a water transmission pipeline, presenting the minimum depth requirement is shown below in Figure 13.

Figure 13: Details of Transmission Pipeline Partially Buried under Wet Soil Condition



In addition to the above, the designer shall consider the TRANSCO water corridor requirements. The water supply corridor shall be located within the first corridors from the edge of the ROW and farthest corridor from road. A minimum clearance of 1.0m shall be maintained between the water supply corridor and other third party utility corridor.