trench width for 33KV cables will be such that for one, two and three cables will be 0.5m, 1.0m and 1.5m, respectively.

The depth of LV trench will be 0.75m (0.65m at the bottom of the LV cable) and 1.0m for MV trench (0.85/0.9m at the bottom of MV cables). It is recommended to have 5.0m width for Typical Power Service Reservation (for MV and LV cables) in case there is no existing / planned electrical network is available / proposed. However, AADC/ADDC approval is essential for planning and reservation of such corridors. The LV and MV cables will be are placed at the beginning of the ROW from the road edge.

4.4.5 Street Lighting

The design of street lighting poles and their accessories shall conform in all respects to ADDC/AADC standards.

The height of the lighting poles to be considered is 10, 14, 18, 20 and 30.5m. The pole height and pole spacing shall be based on ADM/DoT/ADDC/AADC standard calculations complying with the lighting level specified for different road types.

Considering the nature of lighting required and the type of the road:

1. A dedicated corridor of 1.0m to 1.5m is to be allocated for road lighting within the median or at the verge of the road.
2. The street lighting can be provided in the middle of the road within the median, both sides of the road at the verge or within the median as well as both sides of the road.
3. The street lighting corridor can be shared with the corridor allocated for trees.

The conceptual layout of a street lighting corridor is presented in Figure 16.