

4.8 Preparation and Presentation of ROW Utilities Cross Sections

ROW Utility cross section drawings prepared for submission together with NOC applications, are to include a cross section key plan and the typical utility cross section drawings.

The cross section key plan is to indicate the project limits, road geometry configuration, the extent of the existing and proposed infrastructure and the locations at which the cross sections are taken.

Each ROW utility cross section drawing is to include:

1. The relevant Typical ROW Utilities Cross Section as provided in **Annexure 1**.
2. The Existing ROW Utilities Cross Section indicating the extent and location of:
 - a. Existing road elements.
 - b. Existing utilities and facilities within the ROW boundary.
3. The Proposed ROW utilities cross section should include the items listed as part of the existing ROW utilities cross section as well as:
 - a. Extent of the proposed roadwork, including changes to the existing roadway elements.
 - b. Extent of the relocation, protection and/or abandonment of utility infrastructure.
 - c. Extent of the betterment works.
 - d. Location and width of proposed utility corridors.
 - e. Location of existing and proposed utilities relative to the ROW boundary.
 - f. Depth of cover measured from final finished grade to all utility installations. In the case of the Construction NOC applications, the ROW utilities cross sections should indicate the as built data as determined by the trial pit investigation.