

5.3 Utility Corridors Arrangements

This section provides the typical and minimum utility corridors arrangements.

5.3.1 Typical Utility Corridor Arrangements

The USDM provides a set of typical street cross sections comprised of various street elements (Travel Lanes, Frontage Lanes, Cycle Tracks, etc.) and their dimensions, which reflect the most common streets under typical conditions. The UCDM provides a corresponding set of typical utility corridors arrangements.

The following pages provide the service corridor width requirements and illustrate the typical utility corridors arrangement for each Street Family within

each Land Use Context. A summary of the RoW for these typical streets is provided in Table 5.1. Fully developed typical utility corridors arrangements are provided in Appendix C.

5.3.2 Minimum Utility Corridor Arrangements

In addition to the typical streets identified above, a street may comprise of differing combinations of street elements. The USDM defines minimum and maximum widths for each street element to cater for transportation and urban design requirements, which when applied in combination may lead to a narrower RoW than is needed to allocate the required utility corridors. To avoid this situation, the UCDM, therefore, provides a set of minimum utility corridors arrangements, which indicate the minimum RoW for a given street.

A summary of the RoW for these streets is provided in Table 5.1. Fully developed minimum utility corridors arrangements are provided in Appendix D.

The typical and minimum utility corridors arrangements are examples for the most common street designs. In the majority of situations, it is expected that the utility corridor arrangements presented may be used without modification as they align with the corresponding USDM street design. Where the street design differs, the development of the utility corridors arrangement should begin with the closest applicable UCDM arrangement as discussed in the step-by-step guides in Chapter 3. Any required adjustments shall be performed in accordance with the utility corridors locations rules and width requirements detailed in Chapter 4. Worked samples are also available for guidance in Appendices A and B.