# Abu Dhabi Utility Corridors Design Manual

Appendix E - Definitions

#### Access Lane

A very low vehicle capacity 1+1 street (one lane in each direction). Anticipated very low traffic volumes and very low speeds.

### Avenue

A medium vehicle priority 2+2 street (two lanes in each direction). Avenues may have Frontage Lanes.

### **Boulevard**

A high vehicle capacity 3+3 street (three lanes in each direction). Boulevards may have Frontage Lanes. Existing streets with 3+3 or more lanes are also classified as Boulevards.

### Casing

A larger pipe, conduit or duct enclosing a utility pipe/cable. Casings are installed in open cuts or by boring or driving.

### Chamber Corridor

Corridor within the RoW for allocation of chambers for a specific utility. For certain utilities, the chamber corridors extend beyond the service corridor limits.

#### Clearance

Clear distance between utility corridors to plot/building boundary line or between adjacent utilities.

## **Commercial Uses**

Areas throughout the city intended to provide a variety of working, shopping and service options and convenience.

## Community

A group of people living within a defined geographic area or political boundary such as a neighbourhood, district, town, city or region.

## **Complete Streets**

Streets that are designed and built to accommodate all users, including cyclists, transit riders, private motor vehicle drivers and pedestrians of all ages and abilities, in a safe and comfortable manner.

#### Conduit

An enclosed tubular casing, singular or multiple, for the protection of wires, cables, or pipe lines, usually jacketed and often extended from manhole to manhole.

### Context

The nature of the natural or built environment created by the land, topography, natural features, buildings and associated features, land use types and activities on property adjacent to streets and on sidewalks, and a broader area created by the surrounding neighbourhood, district or community. Context also refers to the diversity of users of the environment.

# Cost Benefit Analysis

A systematic process for calculating and comparing benefits and costs of a project.

## Cross section

A graphic presentation of the interior of an object as it is sliced along a plane, usually at right angles to an axis.

#### Curb

A vertical separation between the motor vehicle Travelled Way and the Pedestrian Realm.

## Cycle

A non-motorised, human-powered wheeled vehicle. Can include 2-wheel cycles, tandem cycles, 3-wheel tricycles, bikes with trailers, etc.

### Cycle Lane

An exclusive lane for cycle travel located at the outer edges of the travelled way. Cycle lanes can be one way or two ways.

### Design

The 'design' refers to the selection of utility corridor locations and widths only and not the design of the utilities.

## Designer

A registered professional engaged by utility providers, developers or consultants to develop plans, specifications and designs of utility/infrastructure systems.

# Developer

Entity engaged in the preparation/development of a site.

# **Urban Development Review Process**

A UPC review process to ensure individual developments complement each other to advance Vision 2030.