Table 4.2. Example Derivation of User Service Requirements

1.0	ROADWAY SURVEILLANCE DATA
1.1	MAINLINE TRAFFIC VOLUME
1.1.0	ADUS shall provide data on the count of vehicles, during a given time period, past a point on the highway that is not influenced by a traffic control device or intersection. This shall include volume counts from Electronic Toll Collection equipment.
1.1.1	Raw data from field sensors shall be stored online for at least one day in the form in which they are received from the field.
1.1.2	Data reduction shall allow for permanent offline (or online) storage of the raw data.
1.1.3	Data reduction should store the data online in multiple levels for each highway location where the data are collected.
1.1.3.1	5-minute summaries of total volume shall be provided by ADUS
1.1.3.1.1	5-minute summaries shall be for each lane and direction of traffic
1.1.3.1.2	5-minute summaries shall be stored online for at least one month