## II. Inventory Results

This chapter presents the results of the Access 2000 field inventory and data collection The data collected from existing data sources and through field surveys is organized by jurisdiction. Within each jurisdiction the data is presented for each rail transit station. Chapter I, Project Description, provides a discussion of each data item listed.

For each station there is text describing the station, the vicinity, and the findings of the inventory. Following the text are two maps, Bicycle Access Routes and Pedestrian Access Routes. Following the maps are the Bicycle and Pedestrian Route Access Data tables which present the data from the inventory. The table is laid out with the route name and to/from information in the middle columns with the bicycle related information to the left and the pedestrian related information to the right. This organization allows the maps to be viewed along side the related data.

The data presented in the Bicycle and Pedestrian Route Access Data tables is by roadway segment. For each two way roadway segment data is presented for each directions of travel. One way streets, therefore, have data for one direction of travel only.

The Pedestrian Access Routes maps identify the station, the routes inventoried, the presence of sidewalks and the locations of accidents involving pedestrians.

The Bicycle Access Routes maps identify the station, the routes inventoried, the locations of accidents involving bicyclists, and the bicycle compatibility rating calculated using the Traffic Institute of Northwestern University methodology, as described in Chapter I and presented in Appendix E.

Bicycle compatibility ratings range from 1 to 5. Rating 1 indicates that the traffic variables are so favorable that all types of bicyclists should have little or no problem. Rating 5 suggests that the traffic variables are so poor that all types of bicyclists will perceive the roadway as presenting a major problem. Ratings of 1, 2 and 3 represent roadway conditions most compatible for bicyclists commuting to rail transit stations. Roadways rated 4 are probably most compatible for the experienced bicyclist.

**Bicycle Ratings for Roadways**

| Rating | Description |
|---|---|
| 1 | Roadway is reasonably safe for all types of bicyclists. |
| 2 | Roadway can accommodate experienced and casual bicyclists. |
| 3 | Roadway can accommodate experienced bicyclists. |
| 4 | Roadway not recommended for casual or youth bicyclists. |
| 5 | Roadway may not be suitable for bicycle use. |

A relational database was utilized in this study for its ability to manage large amounts of data, to relate data from a number of tables and to interface with a mapping system. The tables presented in this report were created in a database for presentation purposes.

Both the relational database, created in Microsoft Access, and the presentation data tables, created in Microsoft Excel, are provided on the enclosed diskettes. Users of these files will require Microsoft Office 95, Microsoft Office 97 or Microsoft Office for 3.x.