

2.2.12. Bridges

For the analysis of bridge vulnerability, detailed data were compiled by TETCO. Data for a total of 160 bridges were collected.

In addition, the Study Team carried out individual site surveys on missed bridges and flyovers located within the 22 municipal district boundaries and added a detailed list of 79 bridges and flyovers. As a result of these additional surveys, the total number of bridges and flyovers is 239, and 168 bridges and flyovers are located within the Study Area. Locations of these are clearly identified.

Table 2.2.16 Number of bridges in Tehran (collected for the Study)

Type of Bridge	No. of bridges	Within the Study Area and Location Identified
Road Bridge (TETCO)	56	50
Railroad Bridge (TETCO)	51	0
Metro Bridge (TETCO)	53	39
JICA Study Team Identified	79	79
Road-Road		50
Road-Metro, Railways		16
Road-River		11
Metro, Railways-River		2
Total	239	168

The bridge data consist of :

- 1) Name
- 2) Location
- 3) Construction Year
- 4) Girder Type
- 5) Type of Bearing
- 6) Maximum Height of Abutment / Pier
- 7) Material of Abutment / Pier
- 8) Foundation Type

A location map of these bridges was prepared in GIS with attribute data, and it is shown in Figure 2.2.37.

Figure 2.2.37

Bridges Location

