

### 4.3 SACSIM Parcel-Point Structure and Variables

The SACSIM parcel file is the key land use input for the SACSIM model. Each record in this file represents an individual parcel. The only spatial information contained in the file is the X and Y coordinates of a point (preferably the centroid) within the parcel. Table 4-5 presents the variable names and descriptions included in the initial parcel point file. While the majority of the parcel data is built in GIS, the SACSIM input is written to an ASCII delimited (tab, space or comma as delimiter specified in the DAYSIM configuration files) text file format. Additional buffering information will be added to the Parcel-Point file for the SACSIM final input format described later in this chapter. Below are further descriptions of the parcel-point initial variables.