



Figure 5-29. Modeling reach and cross section locations along the Upper Truckee River. Cross section transects are shown in black.

Physical Properties. Roughness values were assigned to bed, bank, and floodplain sections of each cross section based on visual inspection of the channel and following guidelines set forth by Aldridge and Garrett (1973) and Jarrett (1985). Bed- and bank-material composition and properties at each cross section were provided by local sediment samples and BST tests (section 2.3). Streambank materials have an average silt/clay composition of 10% (46 samples). In case these data were locally unavailable, data collected at the nearest similar site were used. Table G-1 in the appendix lists the data used at each cross section.

Upper Truckee River

Modeling Reach. The modeling reach along the Upper Truckee River extends from the mouth of the channel (river km 0.38) to river km 24.19 (Figure 5-29). The water and sediment loadings into the modeling reach are provided by the watershed model AnnAGNPS. The