

3.4 2005 TRAFFIC CONDITIONS

2005 traffic conditions in the Eastern Arizona study area are good for the region as a whole. Moderate congestion is found in Sierra Vista and Payson. Seasonal congestion has been reported in the Mogollon Rim Focus Area. Traffic increases dramatically in the summer months with visitors coming to and from Phoenix to go camping, fishing and enjoy the cooler temperatures. On holiday weekends SR 87 and SR 260, in Payson, experience substantial congestion.

Figure 3-3 shows the 2005 traffic conditions utilizing a cut-line analysis to identify capacity issues. Cut-line 4 represents traffic flow to and from the Eastern Arizona study area. Cut-line 4 is showing a volume-to-capacity ratio of 0.32, indicating the cut-line is under capacity.

3.5 PROJECTED 2030 AND 2050 BASE TRAFFIC CONDITIONS (BASE 2030 NETWORK)

Figures 3-4 and 3-5 show 2030 and 2050 traffic conditions for the entire state, as modeled on the base roadway network. By 2030, most of the major study routes are showing congested conditions. Many of the primary east/west corridors (I-10, US 70, US 60 and SR 260) serving the Eastern Arizona study area indicate extreme congestion by 2030. Cut-line 4 indicates a volume-to-capacity ratio of 1.18 showing the cut-line as over capacity.

Conditions are even more congested by 2050. Nearly all of the model network roadways are showing extreme congestion. Cut-line 4 indicates a volume-to-capacity ratio of 2.67, showing cut-line 4 as over capacity.