

SECTION 5

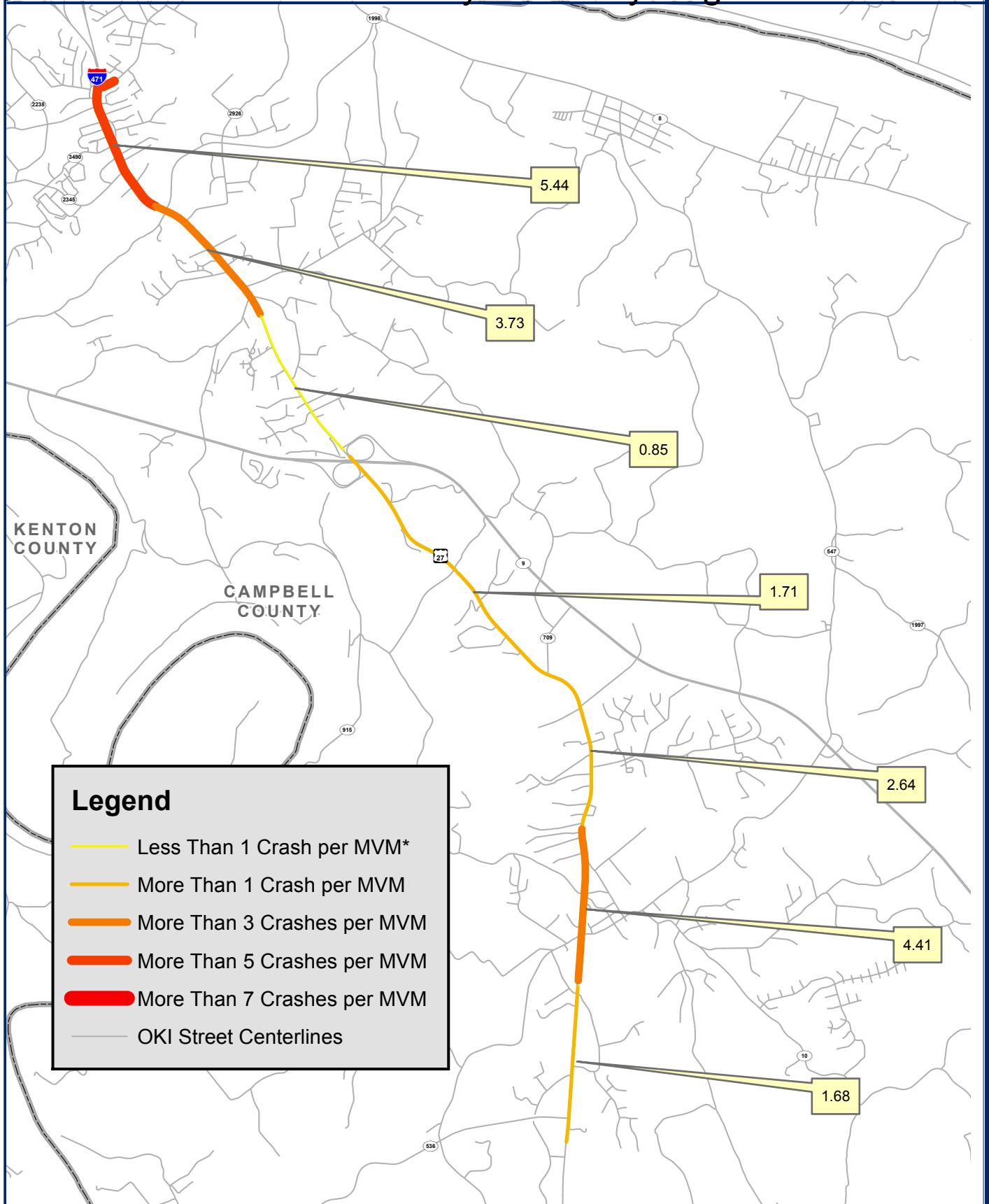
SAFETY

Improving travel safety by reducing the risk of crashes that cause death or injuries and provide for the security of transportation users is an important issue along Alexandria Pike. Within the study area between 2000 and 2002, there were 808 crashes of which one crash had a fatality. Twenty percent of the crashes involved an injury. Every person in Campbell County is affected by the cost of traffic crashes. These costs are felt through an incremental loss in productivity due to incident-related congestion, actual property damage costs and monetary costs associated with medical expenses, increased insurance premiums and legal fees. Improving travel safety will have positive impacts for every person who uses Alexandria Pike as a means of travel.

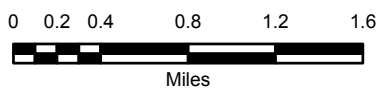
The first step in improving travel safety on Alexandria Pike is determining where most crashes occur so that safety improvements for those areas can be explored. Within the last 18 months, OKI has been able to acquire crash rate data from the Kentucky Transportation Cabinet (KYTC). This data spans the three-year period from 2000 to 2002.

The use of crash rates (expressed as the number of crashes per million vehicle miles of travel) is the best measure of the safety condition of the roadway because it takes into account traffic volume. As shown in Figure 5-1, segments in more pronounced darker red have higher crash rates while those in yellow have lower crash rates. Figure 5-1 also indicates the actual crash rate for each individual segment. The segment with the highest crash rate within the study area is along Alexandria Pike from I-471 to KY1998 (Industrial Road).

Figure 5-1 Crash Rates by Roadway Segment



*Million Vehicle Miles



Source: Kentucky Transportation Cabinet

