SECTION 1

INTRODUCTION

This report provides an inventory of the existing and potential traffic conditions along Alexandria Pike (US 27) in Campbell County. This inventory provides a baseline condition to aid in evaluating future transportation improvements throughout the corridor. The study corridor on US 27 extends nearly eight miles from KY536 to Interstate 471 (Figure 1-1) through the municipalities of Alexandria, Cold Spring, Highland Heights and unincorporated Campbell County. Information for this report comes from field observations of travel times and traffic conditions within the corridor, interviews with Campbell County and Kentucky Transportation Cabinet (KYTC) staff, OKI’s Regional Transportation Plan and OKI’s Geographic Information System. Aerial photographs of the study corridor are provided in Figures 1-2 thru 1-6. Section 2 provides a demographic overview with year 2000 and forecasted 2030 population, household, and employment information, as well as commuting figures for the county. Section 3 summarizes the travel performance of the corridor based on observed and projected traffic volumes and level-of-service output of the OKI travel demand model. Section 4 describes the methodology and results of OKI’s recent travel time survey of the study corridor. Section 5 discusses travel safety and examines crash rates along the study corridor. Issues related to traffic operations improvements are addressed in Section 6. An inventory of selected signalized intersections and recommendations for further study are presented in Section 7.
Figure 1-1
Alexandria Pike (US 27) Study Corridor
KY536 to I-471

Legend
- Study Corridor
- Interstate
- US Highway
- State Route
- County Road

Miles
Figure 1-2
Alexandria Pike (US 27) - KY536 to KY10

Photo taken: July 2003
Figure 1-4
Alexandria Pike - KY709 to KY9

Photo taken: July 2003
Figure 1-5
Alexandria Pike - KY9 to KY1998

Photo taken: July 2003
Figure 1-6
Alexandria Pike - KY1998 to I-471

Photo taken: July 2003