

# CHAPTER I

## Introduction

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The following report represents the second of two Working Papers prepared for Garfield County's Transportation Master Plan. Working Paper #2 analyzes the existing and future deficiencies of the county roadway system. The population forecasted for the year 2025 will be used to develop the future traffic volumes and, hence, level of service. The estimates and analysis are based upon the data presented in Working Paper #1 which discussed the community setting (including the socioeconomic trends within the area) and reviewed the existing transportation system within the county.

### REPORT CONTENTS

Chapter II of Working Paper #2 presents the three steps involved in the development of future traffic volumes for the Garfield County roadways. The first step discusses the existing traffic volumes. The second step presents the growth rates that will be utilized in the traffic volume projections. The third step uses the growth rates to forecast the traffic volumes for the year 2025.

Chapter III of Working Paper #2 introduces the level of capacity that will be used to determine the deficiencies throughout the Garfield County roadway system. The capacities are a function of the information presented in Working Paper #1 and the April 20, 2004 Memorandum on Proposed Level of Service Standards. The major factors in the analysis and development of capacities and, hence, the determination of roadway deficiencies are the existing and future populations, current travel patterns, and highway classifications. The capacities are then used to calculate the existing and future level of service on the county roads. The result of this analysis is a list of deficient roadways and bridges throughout Garfield County in the present and future.

## **SUMMARY**

Working Paper #2 should be reviewed by all concerned with the future of transportation within Garfield County. Comments should be submitted to either LSC Transportation Consultants Inc. or Garfield County staff. The comments will be incorporated with Working Papers #1 and #2 into a Draft Report. The Draft Report will be presented for another review before developing the Final Plan.