
1 INTRODUCTION

The mission statement of the Oregon Department of Transportation (ODOT) is “to provide safe and effective transportation systems that support economic opportunity and livable communities for Oregonians.” (1) One increasingly important part of fulfilling ODOT’s mission is the strategic deployment of Intelligent Transportation Systems (ITS). ITS integrates advanced technology into the transportation system for both users and operators, in order to enhance the safety and efficiency of the system.

To protect its investment in ITS, ODOT is endeavoring to ensure the proper and timely operation of all ITS deployments through appropriate maintenance activities. For this reason, ODOT has partnered with the Western Transportation Institute at Montana State University-Bozeman (WTI-MSU) to develop this statewide ITS maintenance plan. This plan is intended to provide five clear points of guidance for ODOT in relation to ITS maintenance:

- a model for processing ITS maintenance;
- a schedule for prioritizing ITS maintenance activities;
- a preventative maintenance schedule for all existing and planned devices;
- an assessment of training and contracting needs for ensuring that all maintenance activities are performed properly; and
- a comprehensive budget for ITS maintenance.

Chapter 2 of this document will describe the context of this plan with respect to other ODOT ITS efforts, and describe efforts that have been done by other public agencies and private sector firms. Subsequent chapters will address each of the bulleted points described above in an attempt to evaluate in a comprehensive fashion all of the issues associated with ITS maintenance in Oregon. This plan is accompanied by a volume of technical appendices that contain supporting information for the documentation provided in this plan.

