## INTRODUCTION

The Lebanon Urban Design Verification (UDV) project aims to address walking and biking needs and solutions on ODOT owned roadways in Lebanon. In some cases, adding parallel routes on City-owned roads can provide biking solutions for those accessing the highway. The UDV focuses on solutions that can be included in existing or upcoming projects in the next 10 years. The UDV process focuses on identifying leveraging opportunities in maintenance activities and upcoming Fix-It projects to implement design solutions. The Lebanon UDV focuses on **walking and biking solutions** that can be implemented in the **next 10 years.** 

Currently, high speeds and volumes on the highways in Lebanon and  ${f a}$ 

**lack of bicycle facilities** make biking uncomfortable for most people. There are **sidewalks along most of the highway system** that facilitate walking and rolling. However, there are **few places to cross** the multiple lanes of traffic comfortably and a review of crash reports reveals that there were 16 crashes involving pedestrians and bicyclists on U.S. 20 and OR 34 in the last 5 years, including three serious injuries.

The study area, shown in Figure 1, focuses on two major ODOT-owned roadways in Lebanon:

- OR 34 (includes Tangent Street and Morgan Street)
- U.S. 20 (includes Main Street, Park Street, and Santiam Highway)

The key intended outcomes from this study include:

- Evaluating available space for all users and considering active transportation leverage opportunities – with a preferred design solution;
- Conducting corridor-specific public engagement to identify multimodal design solutions and options;
- Better informing communities about upcoming STIP Fix-It projects; and
- Collaborating between the City of Lebanon and ODOT.

This document describes the project process; provides an overview of the background, including the needs assessment and concept development; details the bicycle and pedestrian concepts; and outlines an implementation plan. The bicycle and pedestrian concepts include maps, graphics, and plan view layouts of the recommendations.

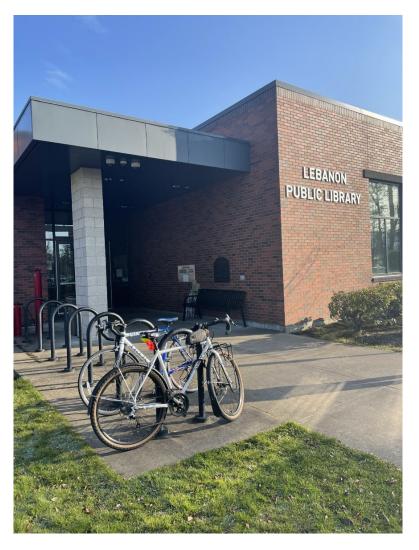




Figure 1: Study Area and Essential Destinations