



Refinement Plan

Terrebonne

Date: July 24, 2018

Project #: 21463
ODOT Key #21162

To: Terrebonne Refinement Plan Project Management Team (PMT)

From: Matt Kittelson, PE & Jacqueline Gulczynski – Kittelson & Associates, Inc.

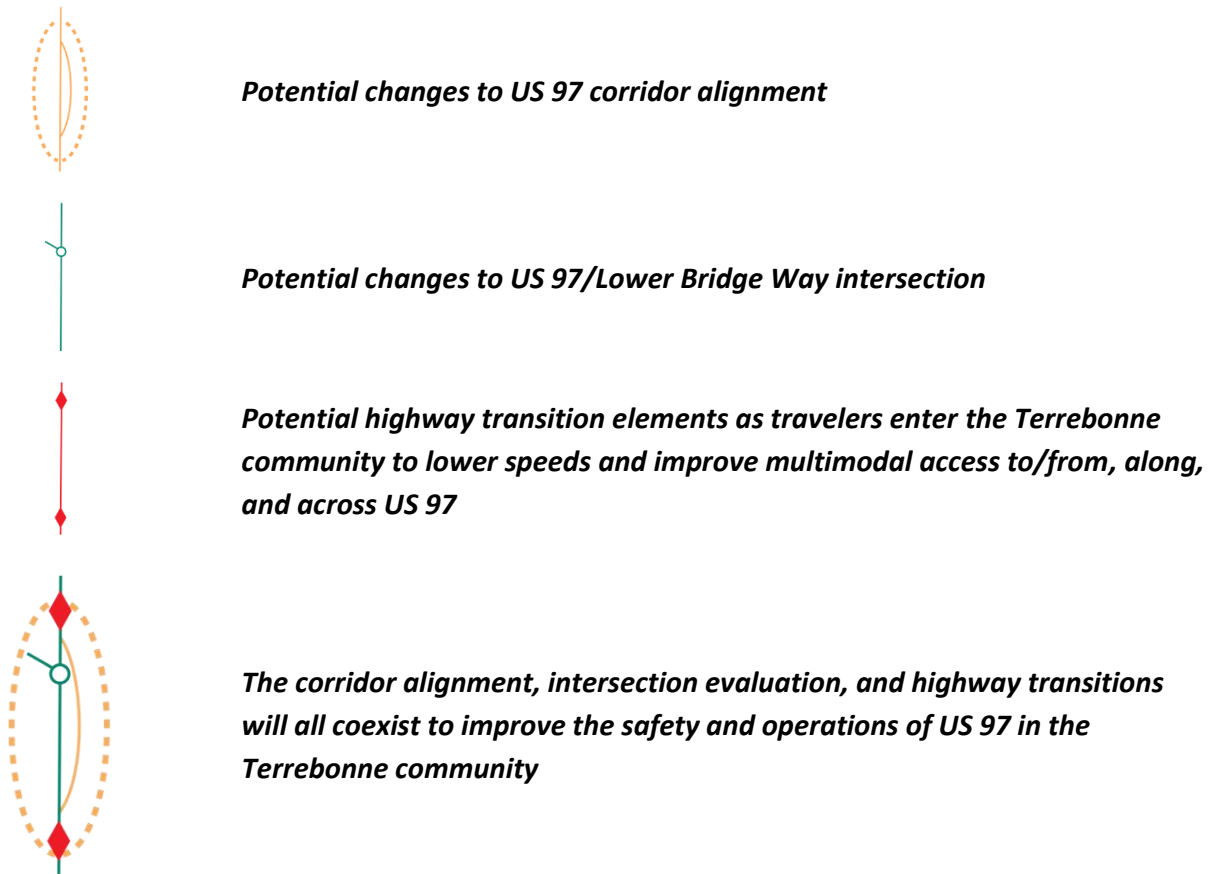
Subject: Draft Memorandum - Goals, Objectives and Evaluation Criteria (Task 3.4)

This memorandum summarizes the goals, objectives, and evaluation criteria for the Terrebonne Refinement Plan (TRP) project. It also provides background information, the purpose of the project, a map of the project area, and specific evaluation metrics that will be used throughout the refinement planning process. The intent of this memorandum is to establish a framework that will serve as the basis for the rest of the project and aid in the public outreach efforts as well as making project recommendations by the consultant team, advisory committee, and the project management team.

PROJECT BACKGROUND

The Terrebonne community in Deschutes County is bisected by US 97. As US 97 highway traffic volumes have significantly increased in the last 10+ years, side street traffic movements and pedestrian crossings have become more difficult. The Terrebonne Refinement Plan will develop short-, medium-, and long-term improvements and management options on the US 97 corridor to improve safety and operations in the community.

The project approach will largely focus on the following key elements:



It should be noted that the project approach has been developed to and will follow a step-wise approach; whereby, the preferred long-term corridor alignment will be selected first, followed by the preferred intersection solutions, and finally by the preferred highway transition treatments. Depending of the scope and cost of the preferred improvement alternative, short, medium, and long-term improvement packages may also need to be developed.

PROJECT OVERVIEW & PURPOSE

The Terrebonne community in Deschutes County is bisected by US 97. As US 97 highway traffic volumes have significantly increased in the last 10+ years, side street traffic movements and pedestrian crossings have become more difficult. A critical concern for Terrebonne (Deschutes County) and Crooked River Ranch and Lower Bridge Estates (Jefferson County) residents is the safety and accessibility at the Lower Bridge Way/US 97 intersection. In addition, Terrebonne residents/ businesses are concerned with providing safe crossings and access to/from US 97, particularly for school children at B and C Avenues.

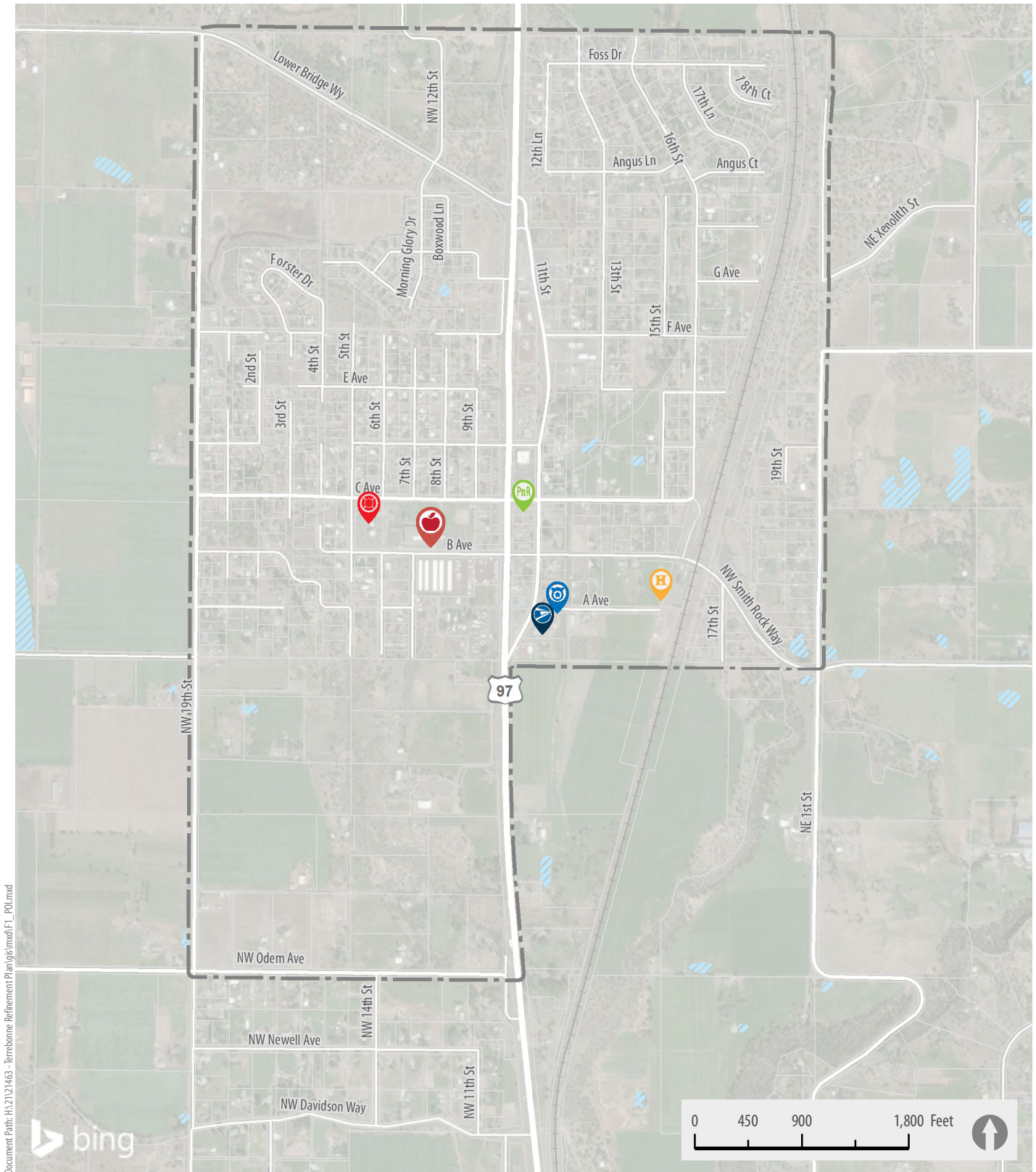
ODOT in partnership with Deschutes and Jefferson counties are beginning this project to plan, design and construct improvements along the US 97 highway corridor through Terrebonne from Lower Bridge Way to NW Odem Avenue.

The Lower Bridge Way/US 97 intersection, on the north end of Terrebonne, is a primary example of the safety and operational concerns being experienced in the area, notably as it represents a key US 97 access point for Crooked River Ranch and Lower Bridge Estates residents in Jefferson County. Lower Bridge Way with 6,525 daily trips between US 97 and 43rd Street represents one of the highest volume roads operated by Deschutes County given travel to and from these residential areas in Jefferson County. The intersection with US 97 has been an ongoing concern over the years due to the high speed and volume of traffic on US 97, and the difficulty of making turning movements to/from Lower Bridge Way.

Once the refinement planning process is complete, ODOT, in collaboration with Deschutes County, Jefferson County, and interested stakeholders, will move forward with the design and construction phases of the project.

PROJECT AREA

The project area includes the US 97 corridor and is bound by Lower Bridge Way and Foss Drive to the north, NW 19th Street on the west, the rail right-of-way on the east, and NW Odem Avenue to the south. Figure 1 illustrates the study area. This map will serve as a base map for documenting existing facilities and potential future facilities.



Document Path: H:\2121463 - Terrebonne Refinement Plan\gis\mxd\FI_P01.mxd









- Places of Interest**
-  Fire Station
 -  Park N' Ride
 -  Sheriff's Office
 -  Historical Location
 -  Post Office
 -  Schools
 -  Wetlands
 -  CommunityBndy

Figure 1

DRAFT EVALUATION METRICS

There are several intentions driving the development of the TRP. Evaluation metrics are a helpful means of ensuring that the plan is in line with the community, Counties, and ODOT's vision. To ensure a consistent understanding of the evaluation metrics used in this memorandum, definitions are provided below:

- **Goals** – provide direction for how the community, County and ODOT would like the project to move forward. A goal is met when outcomes can be cited for that goal.
- **Objectives** – provide a more detailed breakdown of goals with more specific ends the community, County, and ODOT desire to achieve.
- **Evaluation criteria** – provide a quantitative or qualitative tool to assess progress towards the established objectives.

The evaluation criteria will be used throughout the TRP for two key purposes:

1. Evaluating the existing and future transportation system and identifying areas for improvement; and,
2. Comparing and selecting preferred elements to be included in the TRP.

Based on feedback from the Advisory Committee, stakeholder meetings with the Crooked River Home Owner's Association, the Terrebonne business community, and the Crooked River Lion's Club, the public (provided on-line and through Public Meeting #1), and the Project Management Team, the refined TRP goals, objectives, and evaluation criteria are presented in Table 1.

Table 1: Goals, Objectives, & Evaluation Criteria

Goal	Objective	Evaluation Criteria
<p>Community & Livability: Balance east-west connectivity with US 97 mobility needs to match community values and interests.</p>	<ul style="list-style-type: none"> • Increase transportation choices on US 97 by adding or improving bicycle and pedestrian routes, crossing, and connections to transit, including a crossing at US 97 & B Street which serves as a school crossing and scenic bike route crossing. • Link regional and local routes to key attractors on US 97, such as shopping, schools, residential areas, and other community destinations. • Provide a transportation network that accommodates local, commuter, and region traffic, including freight movements along US 97. 	<ul style="list-style-type: none"> • Does the proposed project element serve people that live in, work in, and/or visit Terrebonne? • Are there any significant barriers to or impacts that would result from the proposed project element, such as the presence of significant natural resources or require acquisition of property contaminated by Haz Mat? • Do the proposed project elements increase noise impacts to the neighbors or impact parks, schools or churches? • What are the right of way impacts of the proposed project element - # of businesses relocated, #of residential properties impacted, impacts to public facilities, etc.
<p>Mobility: Provide a safe and efficient transportation system for all modes of travel, including local trips, through trips on the highway, emergency services, and freight.</p>	<ul style="list-style-type: none"> • Evaluate all potential US 97 alternatives, such as maintaining the existing US 97 alignment, creating a highway couplet with 11th Street or constructing a bypass east or west of the existing alignment. • Identify and evaluate all potential at-grade and grade separated solutions for the Lower Bridge Way/US 97 intersection in concert with the development of the alternative alignments for US 97. • Maintain the carrying and dimensional capacity for statewide freight movement on US 97. 	<ul style="list-style-type: none"> • Does the proposed project element meet mobility targets on US97 through 2040? • Does the proposed project element represent an investment that works toward the long-term solution for the corridor? • Does the proposed project element maintain or enhance the carrying and dimensional capacity for statewide freight movement? • Does the proposed project element enhance east-west connectivity within the community?
<p>Safety and Health: enable people to safely and comfortably drive, walk, run or cycle in and through the Community, including along and across US 97, for all types of trips.</p>	<ul style="list-style-type: none"> • Address safety, comfort, and security of people driving, walking, and biking along and across US 97. • Use transitional and traffic calming techniques to slow traffic to posted speeds. 	<ul style="list-style-type: none"> • Does the proposed project element address an area with a crash history or risk factor? Is it expected to improve safety or slow speeds? • Does the proposed project element reduce the level of stress experienced by pedestrians and/or cyclists?
<p>Accessibility: provide infrastructure that supports accessible transportation options for all users.</p>	<ul style="list-style-type: none"> • Address the identified existing and future year 2040 gaps and deficiencies (needs) within the study area. • Provide well-designed, visible, safe, and convenient infrastructure and crossings for all users (e.g., agricultural equipment). 	<ul style="list-style-type: none"> • Does the proposed project element address existing gap or deficiency in the vehicular, transit, bicycle and/or pedestrian network?
<p>Financial Responsibility: use resources efficiently and invest in infrastructure that will serve the Community and statewide highway for years to come.</p>	<ul style="list-style-type: none"> • Achieve maximum return on the \$20 million allocated for improvements in the Terrebonne community 	<ul style="list-style-type: none"> • What is the planning-level cost estimate of the proposed project element? • Can the preferred plan be implemented with the money allocated? • Does the benefit exceed the cost over a 20-year horizon?
<p>Economic Vitality: encourage visitors and investment in the recreational, agricultural, business areas nearby and served by US 97.</p>	<ul style="list-style-type: none"> • Provide connections to businesses and natural areas within and near the Terrebonne community. • Attract tourist and investment dollars to the greater Terrebonne community 	<ul style="list-style-type: none"> • Does the proposed project element address mobility and serviceability for local and regional freight activity? • Does the proposed project element support business activity in and around the community (e.g., the Smith Rock State Park)? • Does the proposed project element improve pedestrian and/or bicycle access to businesses and natural areas in and around the community?