

Bear Creek Road and 27th Street Improvements

Scope

This project consists of three key routes projects combined with the project to construct a single lane roundabout at the intersection of Pettigrew Road and Bear Creek Road.

The key route improvements along are more specifically defined as:

R2-D Bear Creek Safe Routes to School: Larkspur Trail to Coyner Trail Close sidewalk gap and create a connection between Coyner and Larkspur Trail.

R2-E Bear Creek Road: Cessna Avenue to east Urban Growth Boundary; Shared use path adjacent to roadway: Close sidewalk gap and create low-stress bikeway extending to 170 new affordable housing units.

R8-A 27th Street: Highway 20 to Reed Market Road; Shared use path adjacent to road: Close sidewalk gap along 27th Street and create a low-stress bikeway.

Proposed Preliminary Project Schedule

Planning efforts prior to design activities:	10/23 – 12/23
Procurement for design:	1/24 – 3/24
Design activities:	4/24 – 9/25
Right-of-way activities:	8/24 – 7/25
Procurement for construction:	1/25 – 3/25
Construction activities:	4/25 – 11/26*

Project manager estimated commitment: 4 years @ 50% allocation.

*Phased construction could allow for a more rapid construction of some of the project elements that have a higher level of project readiness (i.e., constructing one of the larger key route projects in 2025 and the other in 2026)

Sequencing Notes and Reasons for Fiscal Year Funding

- Priority score: 11 (ranked 6th)
- The project scored relatively high in terms of prioritization
- The preferred alternative for the key routes along Bear Creek Road and 27th Street will have a large effect on the readiness of the project overall due to right-of-way needs
- Early coordination with Bend-La Pine Schools is critical for the successful implementation of the trail connection
- Improvements to Bear Creek Road are challenging as it requires detours on many other roads identified in the GO Bond for improvements

Additional Information

Budget

Bear Creek Road and Pettigrew Road Intersection: \$3,500,000 (GO Bond)

Key Route R2-D:	\$385,000 (GO Bond)
Key Route R2-E:	\$2,700,000 (GO Bond)
Key Route R8-A:	\$4,815,000 (GO Bond)
Total:	\$11,400,000

Project Readiness

The readiness of this project is going to depend on the preferred alternative for the key routes along Bear Creek Road and 27th Street. For example, an alternative that required significant right-of-way acquisitions along each of the corridors would have far less project readiness than a project that generally utilizes the existing public right-of-way.

Project readiness will also depend on the coordination with the Bend-La Pine Schools (BLPS) on the key route project to connect the Coyner and Larkspur trail through their property. The trail connection, as shown in the Transportation System Plan, is identified for placement on Bear Creek Elementary School property. Early discussions to understand BLPS's needs and concerns will be critical to implementing this trail section in a timely manner.

Construction Fatigue

Several projects identified for funding within the GO Bond have conflicting detours with the Bear Creek Road and 27th Street Improvements project. Those projects include: Wilson Corridor Improvements, Neff Corridor improvements, Neff and Purcell, and Reed Market Corridor. Below is a discussion on each conflicting project. Note that the construction for 27th Street is likely to have minimal traffic impacts due to the availability of a wide existing right-of-way.

Wilson Corridor Improvements

Detours for the construction at 15th Street and Wilson Avenue will utilize Bear Creek Road, Pettigrew Road, and Reed Market Road. The construction along Bear Creek Road and at the intersection of Pettigrew Road and Bear Creek Road are in conflict with the 15th Street and Wilson Avenue detours.

Neff Corridor Improvements

Detours for the construction along Neff Road will utilize Greenwood Avenue as a detour as will detours for the construction along Bear Creek Road and at the intersection of Bear Creek Road and Pettigrew Road. This detour overlap will likely create an unsatisfactory condition along Greenwood Avenue, especially for emergency vehicle access to the hospital.

Neff and Purcell

Detours for the construction at the Neff and Purcell intersection will utilize Greenwood Avenue as a detour as will detours for the construction along Bear Creek Road and at the intersection of Bear Creek Road and Pettigrew Road. This detour overlap will likely create an unsatisfactory condition along Greenwood Avenue, especially for emergency vehicle access to the hospital.

Reed Market Corridor

Detours for the construction along Bear Creek Road and at the intersection of Bear Creek Road and Pettigrew Road will utilize 15th Street, Reed Market Road, and 27th Street as a detour. The construction at 15th and Reed Market is in conflict with this construction.