



US 20: Barclay Drive (Sisters)

Last updated: August 22, 2016

Purpose of the Project

The purpose of this project is to improve safety, mobility, and access at the intersection of US 20/Barclay Drive/McKinney Butte Road intersection, located just west of downtown Sisters. This proposed project, as outlined in the city's 2012 *Multimodal Transportation Program Project Application* and included in the 2015-2018 Statewide Transportation Improvement Program (STIP), involves designing and constructing a single-lane roundabout at this intersection.

The roundabout will reduce conflicts among vehicles, bicyclists and pedestrians while improving traffic flow for all users, including freight. It will also improve access to and from the Barclay/Locust alternate truck route, and provide an aesthetically pleasing gateway into the City of Sisters and Central Oregon.



Need for the Project

The US 20/Barclay/McKinney Butte intersection is currently *stop-sign controlled* on the side streets, where there can be long delays for pedestrians, bicyclists and motorists wishing to cross US 20, or for vehicles wanting to turn left onto or off of the highway. These issues, particularly occurring during *peak* travel times periods, cause a safety problem for all users. The project will reduce the number and severity of crashes at this intersection making this an important priority for the Region. Access to residential communities, schools, a proposed assisted living facility, lodging, commercial and industrial developments along the Barclay/Locust alternate route make this a critical intersection for the Community of Sisters.

According to the City of Sisters 2010 *Transportation System Plan*, this intersection does not meet jurisdictional operating standards for both volume-to-capacity and safety conditions. In fact there have been serious crashes at the intersection and there is great concern for school related pedestrian safety.

Design Criteria

The design will support one of the key focuses of the Motor Vehicle Improvement Plan in the city's TSP. This project should be considered a phase for implementation of the TSP's alternate route to US 20 through Sisters, for the high *peak* periods of congestion, notably in the Summer. The design will also support the Oregon Highway Plan, by including and addressing the following considerations:

- Safety and access of pedestrian crossings
- Safety and access of bicycle movements
- Economic and business viability, especially during construction
- Geometric design for serving and accommodating truck traffic
- Cost effectiveness, including construction and operations/maintenance costs
- Potential for motor vehicle queuing from downtown to extend into the roundabout
- Intersection capacity, including potential alternative measures of congestion and mobility

ODOT Region 4 Project Information

- Construction phasing and staging to maximize traffic flow and local use
- Compliance with the American with Disabilities Act
- Stormwater quantity and quality

Development of the right solution at this intersection has required close coordination with the freight industry. ODOT and the city gained support from the freight industry for the roundabout design sizing, through the statewide Motor Carriers Transportation Advisory Committee on April 9, 2015. ODOT and the city have kept the freight industry updated through subsequent meetings with MCTAC in January and July 2016.

Public Involvement

The City of Sisters, with the cooperation of ODOT, has done a great deal of public involvement (dating back to 2010), planning and preliminary design for the project. The city has continued their strong support for a roundabout at this intersection as a long-term improvement. They have secured funding for a roundabout through the Central Oregon Area Commission on Transportation, and together ODOT and the city are working on a proposed design.

ODOT in partnership with the city, continue to hear from the public and various stakeholders regarding this proposed project. A series of Focus Group meetings consisting of adjacent businesses and property owners were held in the Spring through Summer of 2016, to get feedback on how construction and detour routes would impact local businesses, and to get input on proposed aesthetics and landscaping. An Art Focus Group is also meeting to look at proposals for public art. In addition, the proposed roundabout is located within the McKenzie Pass-Santiam Pass National Scenic Byway, and there is opportunity to use the roundabout as part of the scenic gateway into Sisters and to the recreation areas in the adjacent Deschutes National Forest.

Funding

The project budget is about \$3.2 Million with a combination of state and local funding, as included in the 2015-2018 Statewide Transportation Improvement Program (STIP). The proposed design is slated for construction in 2017.

Schedule

Design	2013 - 2016
Bid Let	December 2016
Construction	2017

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If you would like to learn more about this and other road projects in Central Oregon, please visit <http://www.oregon.gov/ODOT/HWY/REGION4/Pages/RoadworkImprovements.aspx>.