

Corridor Sketch Summary

SR 221: SR 14 Jct to SR 22 Jct (Prosser)

Highway No. 221

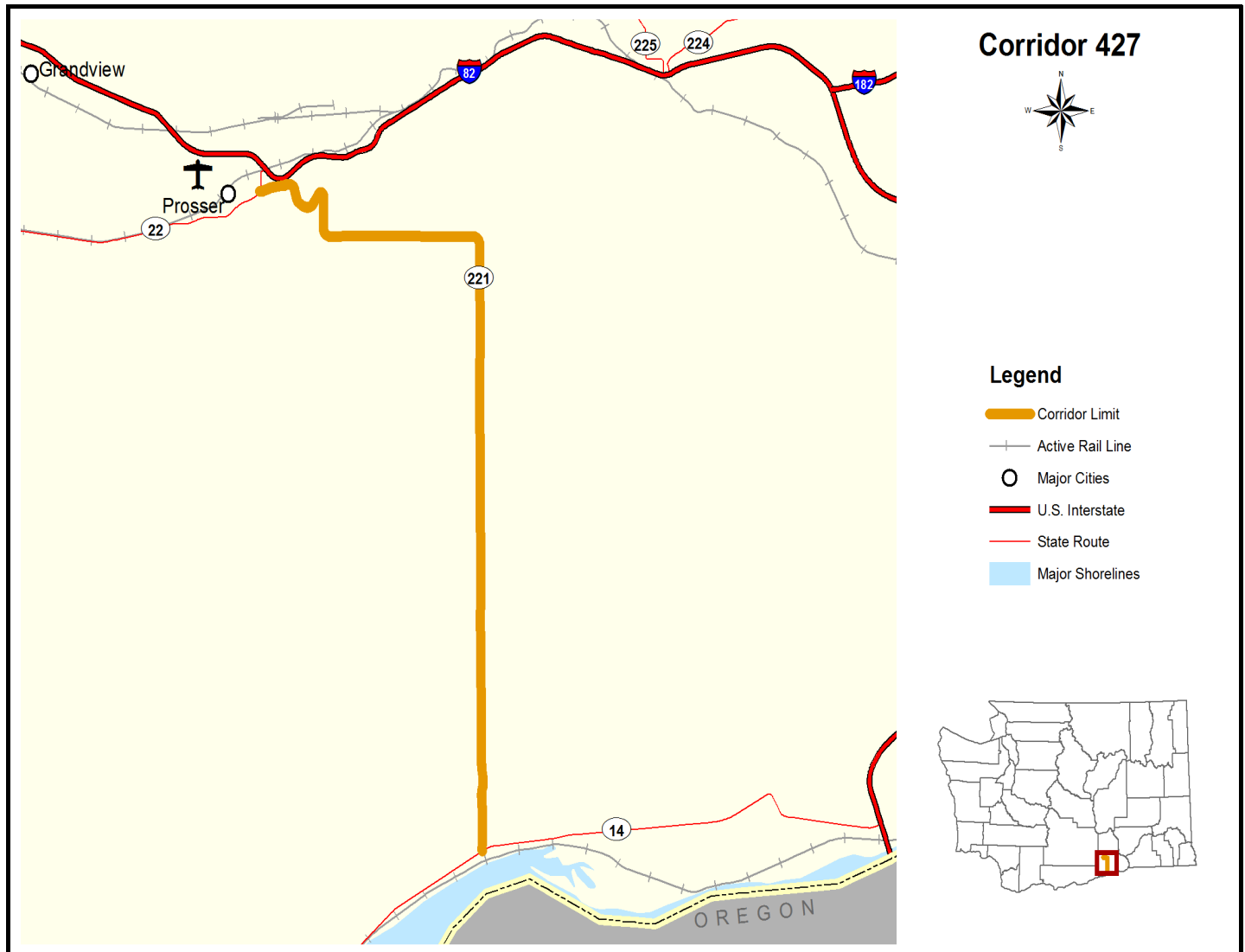
Mileposts: 0 to 26.07

Corridor 427

Length: 25.95 miles

Corridor Description

SR 221 begins at Paterson on SR 14 and continues north, through vast farmland, before descending the Horse Heaven Hills and terminating at the SR 221/SR 22 junction. This corridor connects the City of Prosser and the unincorporated community of Paterson and provides the sole access to over 1,000 acres of ag land.



Corridor Function

Current Function

SR 221 is classified as a rural minor arterial (R2) and a T-2 freight corridor. Currently, this corridor serves as the sole connection between the City of Prosser and the unincorporated community of Patersons. The primary purpose of this highway is to serve a very large and significant area of agricultural land in southern Benton County. SR 221 is parallel to US 97 and portions of I-82 and can serve as an alternate route in some cases.

Future Function

The function of this corridor is not expected to significantly change into the future. Recently, the volume of freight carried on this corridor has dropped; however, this is not expected to be the new norm.

Comments or feedback on function

Preservation

Policy Goal: To maintain, preserve, and extend the life and utility of prior investments in transportation system and services.

What's Working Well?

What Needs to Change Today?

Truck parking above the Prosser hill and at the pit site is an issue.

What Needs to Change in the Future?

Comments or feedback on preservation

Safety

Policy Goal: To provide for and improve the safety and security of transportation customers and the transportation system.

What's Working Well?

What Needs to Change Today?

Passing is a significant cause of crashes along SR 221. Considerations for passing lanes and/or slow vehicle turn-outs are necessary. Widen shoulders.

Trucks park for long periods of time at the viewpoint area at the top of the hill above Prosser.

What Needs to Change in the Future?

Safety improvements should focus on at-grade intersection and passing considerations.

Comments or feedback on safety

Mobility

Policy Goal: To improve the predictable movement of goods and people through Washington State, including congestion relief and improved freight mobility.

WSDOT currently defines congestion for system screening as locations that currently or are projected to operate below 70% of the posted speed limit during peak hour. Statewide analysis is performed to screen at three time periods: current year, ten year and twenty year.

What's Working Well?

What Needs to Change Today?

What Needs to Change in the Future?

Comments or feedback on mobility

Environment

Policy Goal: To enhance Washington's quality of life through transportation investments that promote energy conservation, enhance healthy communities, and protect the environment.

What's Working Well?

What Needs to Change Today?

What Needs to Change in the Future?

There are low priority areas for habitat connectivity identified on this corridor. SR 221 in its entirety is identified as moderately vulnerable to climate impacts.

Comments or feedback on environment

Economic Vitality

Policy Goal: To promote and develop transportation systems that stimulate, support and enhance the movement of people and goods to ensure a prosperous economy.

What's Working Well?

What Needs to Change Today?

Benton County has been working to improve connectivity in the rural area this highway serves. This may create the need for channelization at certain intersection along SR 221.

What Needs to Change in the Future?

Comments or feedback on economic vitality