

TOTAL PROJECT COST: \$20,137,311

PROJECT WEBSITE: http://business.spokaneairports.net/2017-tiger-grant/

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The Airport's annual economic impact of over \$750 million is testimony to the integral role it plays in regional economy. All factors demonstrate a strong economic recovery for the Spokane region, which has led to this important multimodal infrastructure project. Spotted Road is a part of the Critical Urban Freight Corridor and provides access to the Airport Industrial Park with two very busy inbound and outbound airport access roads known as Airport Drive. The realignment will continue to connect with the Primary Highway Freight Network in U.S. Highway 2 to the region's other freight modes.



PROJECT OVERVIEW

Over the past 14 years, multiple planning formulation and preliminary design studies have been conducted to address the development of the transportation corridor in and around the Airport. Each of these reports has concluded that providing safer and more efficient access on this corridor is vital to the region's economic success and development. To address the project's primary goal of safety, the project will utilize an innovative design by constructing the first grade separated interchanges at the Airport in an effort to provide separation between the multiple modes of transportation operating in and around the Airport. The project's first improvement will relocate the Airport Drive/Spotted Road interchange to the east with a new grade separated 230-foot overpass interchange above and across 5 lanes of Airport Drive. This shift to the east will result in another significant safety improvement with the realignment of Spotted Road outside of the Airport's Runway Protection Zone. The Runway Protection Zone is a clear zone designated by the Federal Aviation Administration (FAA) to prevent air navigation hazards as well as to reduce hazards and increase safety to people on the ground.



SPOTTED ROAD OVERPASS RENDERING



The project's other improvement includes a second grade separate interchange developed to significantly improve safety and efficiency of the Airport's shuttle bus transportation system. The construction of a 61-foot two-lane vehicle tunnel beneath Airport Drive just east of the Flint Road interchange will allow shuttle bus traffic to cross safely beneath Airport Drive without negotiating the four lanes of traffic, including one bicycle lane, on Airport Drive.

This infrastructure safety project is imperative to improving access and providing safe, efficient travel to and from one the Inland Northwest's busiest transportation hubs, the Spokane International Airport; as well as the surrounding industrial and business developments. This project addresses the current and future demands of a multi-modal transportation network that supports employment, freight, aerospace and manufacturing industries, tourism, and the overall economic development of the region.

This project is a result of several long-standing partnerships and collaboration between government entities and stakeholders to address a public safety issue. The Spokane International Airport has collaborated with multiple entities in the planning and development of this essential safety improvement project including;

- City of Spokane
- Spokane County
- Spokane Regional
 Transportation Council
- Washington Department of Transportation
- National Highway Freight Program
- Federal Aviation Administration

A Benefit-Cost Analysis (BCA) performed demonstrates that the quantifiable benefits from these improvements are \$55.566 million. Based on a total project cost of \$20.907 million the project results in a BCA ratio 2.63:1 of benefits to costs in present dollars. The analysis estimates the economic value that the proposed project will create from:

- Reduction in traffic injuries and fatalities
- Reduction in property damage
- Enhancements to a multimodal transportation system
- Reduced auto use contributing to reduced congestion
- Reduce fuel usage
- Reduced emissions pollution
- Improved health through reduced health care costs



- Spokane Airport Board: \$2,757,000
- Washington Department of Transportation (WSDOT): \$150,000
- Federal Aviation Administration \$5,000,000
- National Highway Freight Program (Pending): \$8,000,000
- TIGER: \$5,000,000