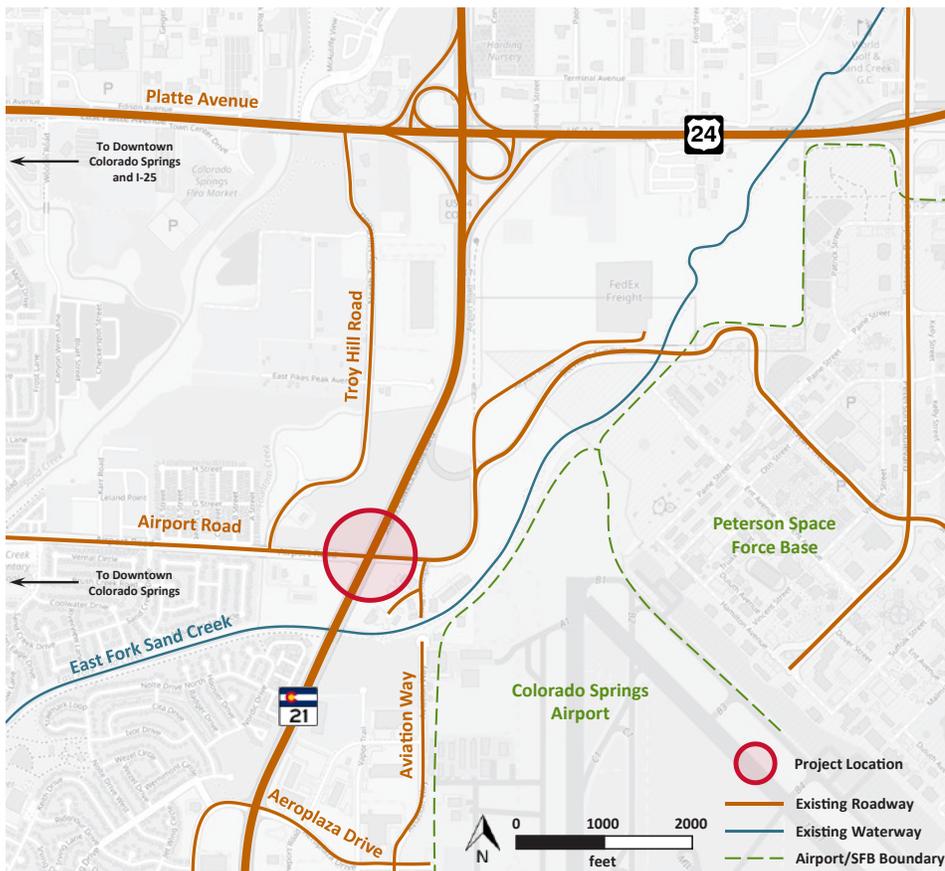


Project Overview



Powers Boulevard (Colorado Highway 21) extends from Colorado Highway 16 to Colorado Highway 83, and is a major corridor for commercial and personal travel. **Airport Road** serves as an east-west travel route through Colorado Springs, and is a critical access point for the west gate of Peterson Space Force Base. Corridor planning has identified the need for construction of an interchange at the intersection of Powers Boulevard and Airport Road in El Paso County. CDOT is designing a grade-separated Diverging Diamond Interchange (DDI) to replace the existing signalized intersection. Construction is anticipated to start late 2023 to early 2024.

The Powers Boulevard and Airport Road Interchange Project includes:

-  Realignment of Airport Road
-  Two bridges carrying Airport Road over Powers Boulevard
-  New pedestrian and bicycle facilities
-  Improving the Airport Road/ Stewart Avenue Intersection

Purpose and Need + Goals

This intersection is one of the most congested locations on one of the busiest roadways in Colorado Springs.



The Powers Boulevard and Airport Road Interchange Project is part of the Proposed Action included in the 2010 *Powers Boulevard (State Highway [SH] 21) between Woodmen Road and SH 16 Environmental Assessment (EA)* and 2011 *Finding of No Significant Impact (FONSI)*. The Proposed Action was developed to address existing and future traffic congestion on Powers Boulevard between Woodmen Road and SH 16.

Public Need

-  Excessive vehicle wait times
-  Multimodal movements are not currently well-accommodated
-  Inadequate left turn lanes
-  Excessive vehicular congestion
-  Lack of pedestrian and bicycle access

Purpose/Goals

-  Reduce current and future congestion
-  Improve safety
-  Minimize access impacts
-  Community quality of life

Moving through the Diverging Diamond Interchange (DDI)



Safety + Congestion

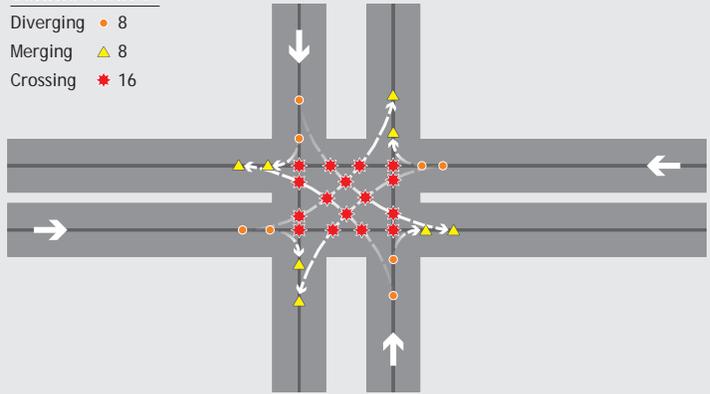
DDI Interchange on Fillmore

- Before construction: 106 accidents per year (2013-2014)
- After construction: 38 accidents per year (2017-2018)

At-Grade Intersection

Conflict Points

- Diverging ● 8
- Merging ▲ 8
- Crossing ★ 16



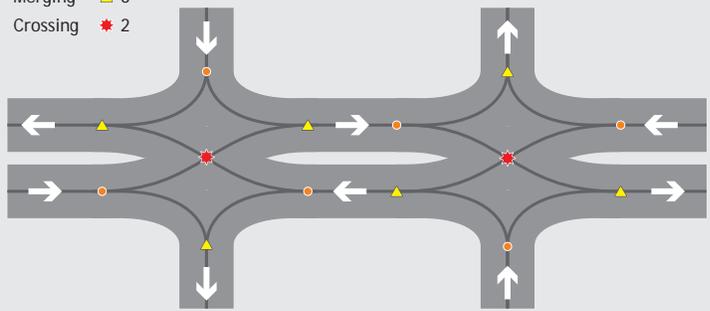
With DDI Interchange Implementation

- 30% to 80% reduction in delay
- 30% to 70% reduction in queue length
- 20% to 30% reduction in travel time on Powers Boulevard between Aeroplaza Drive and Platte Avenue

DDI Interchange

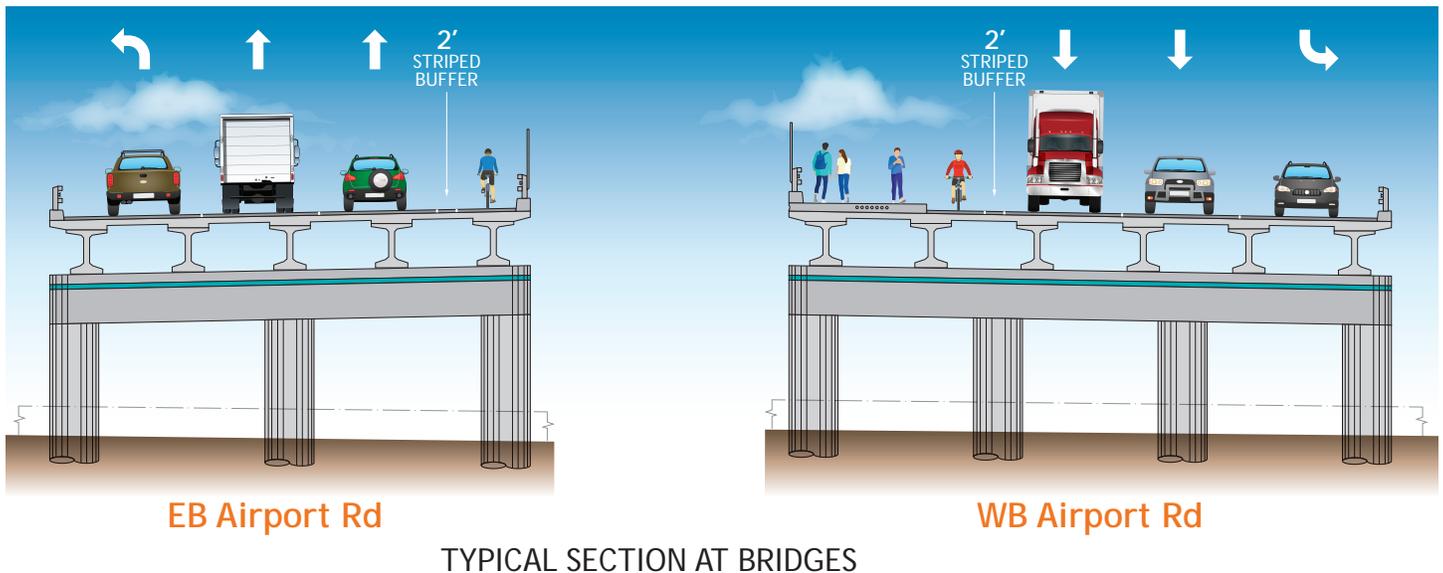
Conflict Points

- Diverging ● 6
- Merging ▲ 6
- Crossing ★ 2



Multimodal Connections

The existing at-grade intersection will be converted to a DDI with Airport Road spanning Powers Boulevard on two, 211-foot-long bridge structures



Each structure includes:

- 2 through lanes
- 1 left-turn lane
- 6' bicycle lane with a 2' buffer

Westbound bridge structure

which is slightly wider, includes a new **12'** sidewalk



Improvements extend along **1.3 miles** of Powers Boulevard to accommodate a new **28'** raised median and the installation of **new bicycle lanes and sidewalks on connecting roadways**

Project Schedule

FALL
2022



WINTER
2022-23



SPRING
2023



SUMMER
2023



FALL
2023



FINAL DESIGN

(Where we're at now)

CONSTRUCTION

(Approx. 2 years)



HOW TO STAY IN TOUCH



WEBSITE:

[www.codot.gov/projects/
powers-airport-interchange-design-phase](http://www.codot.gov/projects/powers-airport-interchange-design-phase)



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