

Concept 2: One-Way Protected Bike Lanes

What it is:

A one-way separated bike lane that runs on each side of the street and uses striping, planters, or posts to separate bike and auto traffic.



Change in Driving Travel Time From Rose Hill to Capitol Blvd Bridge (seconds)

	Southbound	Northbound
AM	+16	+25
Mid	+11	+7
PM	+21	+21

*Some changes due to new pedestrian crossings

Benefits

- Dedicated space for people bicycling
- Reduced sidewalk riding
- Easy to understand
- More comfortable than regular bike lane
- Northbound bike lane will directly connect with existing bike lane north of Royal Boulevard

Trade Offs

- Requires crossing at Crescent Rim
- Loss of southbound motor vehicle lane
- Requires reconstructing the median
 - Adds cost/design complexity
- Narrowing motor vehicle lanes may increase potential for sideswipe crashes on curves
- Sweeping and plowing the bike lanes may be difficult
- Requires realignment of Crescent Rim Drive

