

Appendix D

PROJECT BENEFITS

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Project Benefits

What benefits will the project provide?

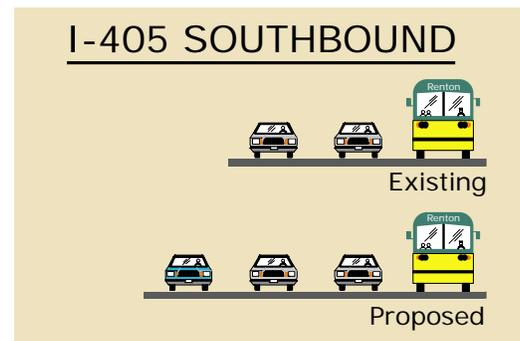
The Build Alternative will benefit the area by reducing congestion at chokepoints, reducing the duration of congestion during peak commuter travel hours, and improving freight movement.

This section of I-405, from the I-5 interchange to the SR 169 interchange, is congested due to large traffic volumes and merging and diverging traffic. The new lanes will help relieve congestion and improve safety by providing motorists with more time and extra room to accelerate or decelerate and move into and out of the stream of traffic when getting on and off the freeway. This provides a smoother transition for motorists getting on and off I-405 in Tukwila and Renton and helps decrease rear-end and sideswipe collisions.

The project reduces congestion approaching the SR 167 interchange and it complements the completed southbound I-405 to southbound SR 167 flyover ramp.

This project will construct one noise wall along South 14th Street from the intersection of South 14th Street and South 15th Street east to Talbot Road. This wall will benefit residents in that area by lowering noise levels.

Another benefit of this project is that it continues the application of the Context Sensitive Solutions (CSS) design choices made by the communities within the I-405 corridor. The Benson Road Bridge realignment over I-405 will reflect the application of these design choices as explained in Chapter 4.



The Renton Nickel Improvement Project will add a lane in both directions. In particular, the new lane will relieve the heavy congestion experienced on I-405 southbound between SR 169 and the SR 167 interchanges.

