

A Refreshed Major Corridor for Multimodal Users in Clackamas County, OR

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- Project Overview
- Alternative Analysis
- Innovative Signal Design at Select Locations
 - Sunnyside & Stevens
 - Sunnyside & 9000 Block

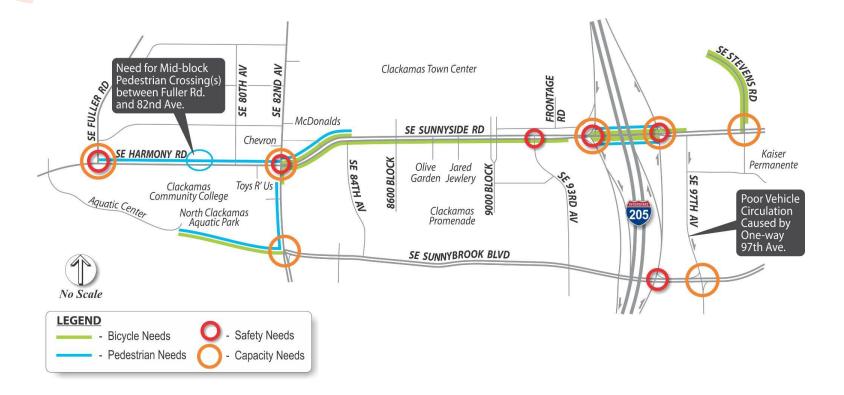




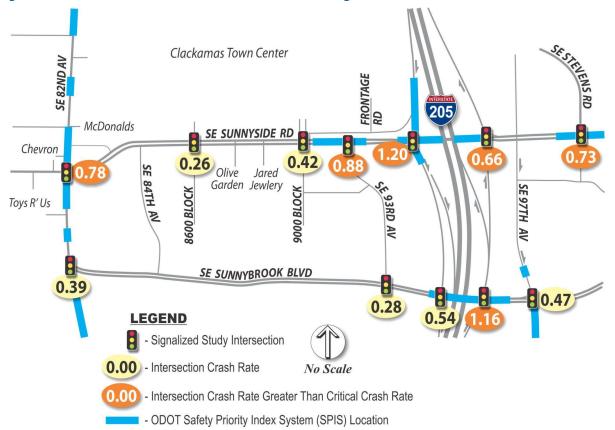
Project Overview



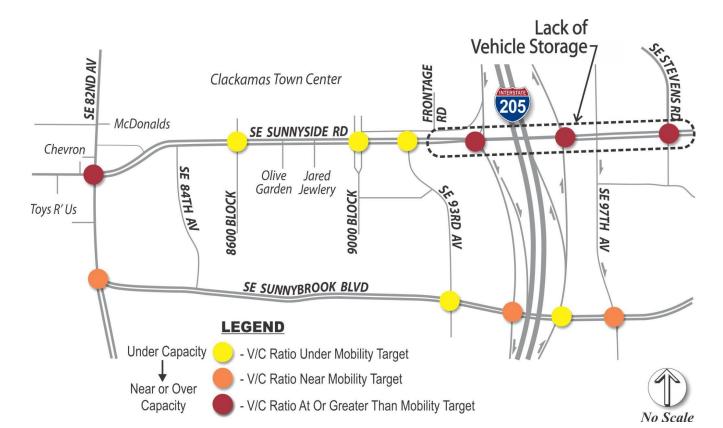




Project Overview - Needs (Safety)



Project Overview - Needs (Operational Performance)



Project Overview - Needs (Bike and Ped)

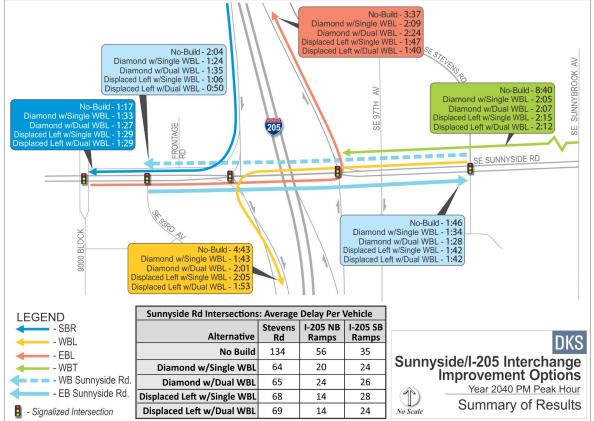




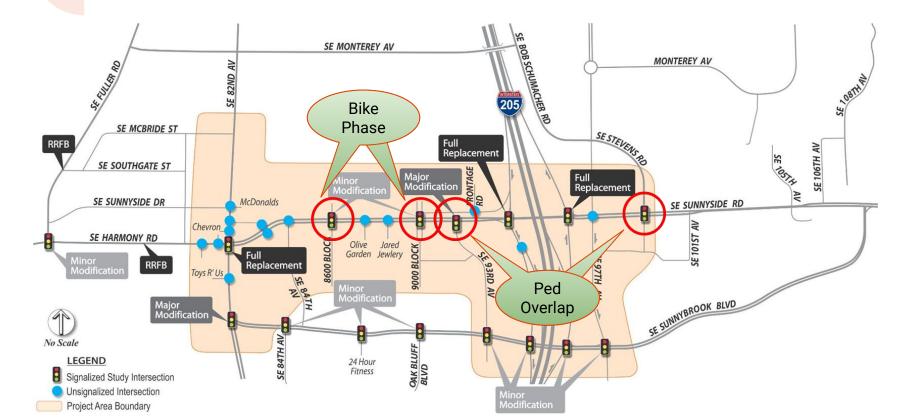
- Provide a safe and efficient transportation system
- Address needs of residents, businesses, and the public

 Balance difference modes of transportation: motor vehicle, bicycle, pedestrian, transit, and freight

Alternative Analysis

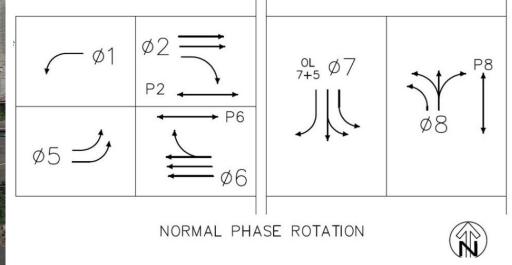


Innovative Signal Design at Select Locations



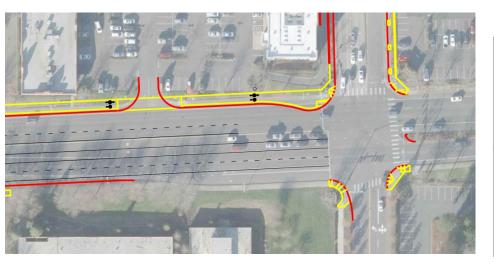
Sunnyside & Stevens Rd (Pre-Construction)

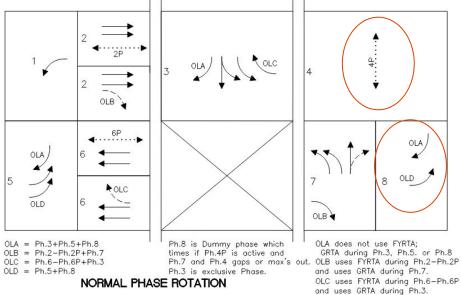




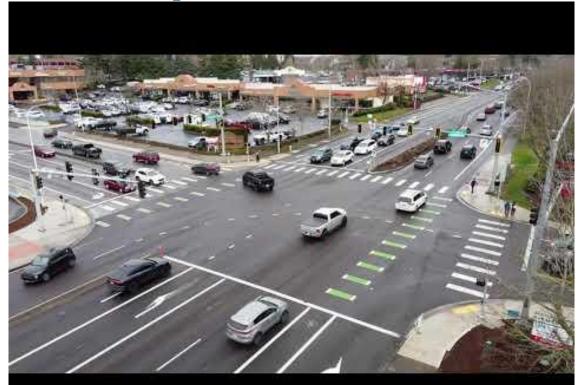
Side Street Split Phased Phase 8 Pedestrian time was 36 seconds

Sunnyside & Stevens Rd (Pedestrian Overlap)



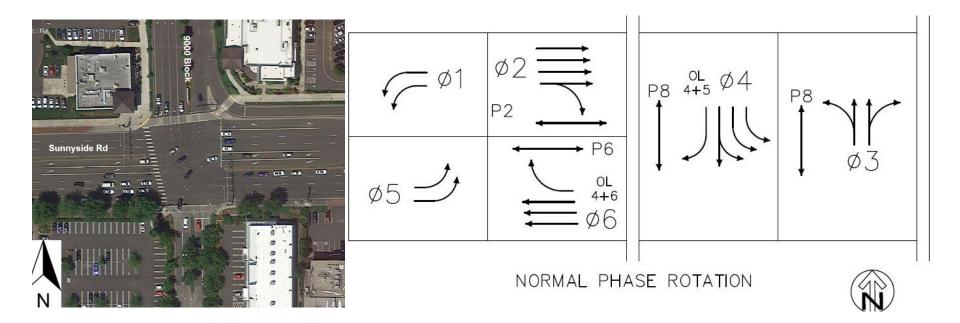


Sunnyside & Stevens Rd (Operations In The Field)



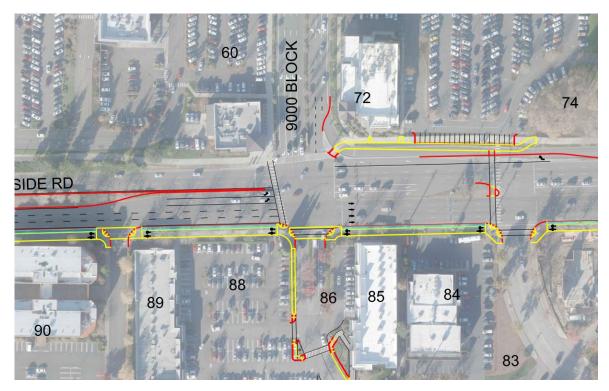
https://youtu.be/h-F3RDp3sdA

Sunnyside & 9000 Block (Pre-Construction)



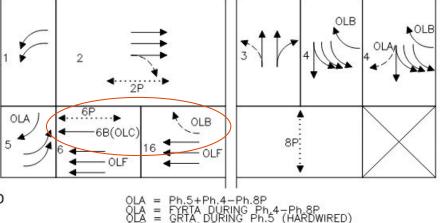


Sunnyside & 9000 Block (Design Layout)



Sunnyside & 9000 Block (Exclusive Bike Phase, FYRTA, PTR)





OLA = GRTA DURING Ph.5 (HARDWIRED) OLB = Ph.16+Ph.4 OLB = FYRTA DURING Ph.16 OLB = GRTA DURING Ph.4 (HARDWIRED) OLC = Ph.6BOLF = Ph.6+Ph.16

*PTR SIGN TO BE ACTIVE WHEN Ph.6B BIKE SIGNAL (OLC) IS GREEN OR YELLOW.

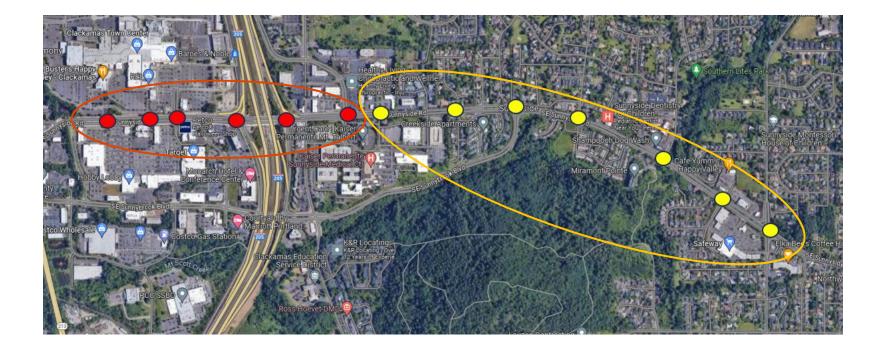
NORMAL PHASE ROTATION

Sunnyside & 9000 Block (Operations In The Field)



https://www.youtube.com/watch?v=9cDiyGXnAbc

Regional Timing Impacts



Thank you!

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