

# C-TRAN

## I-5 Bus On Shoulder Update

RTC Board of Directors  
August 4, 2020



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# What is Bus on Shoulder (BOS)?

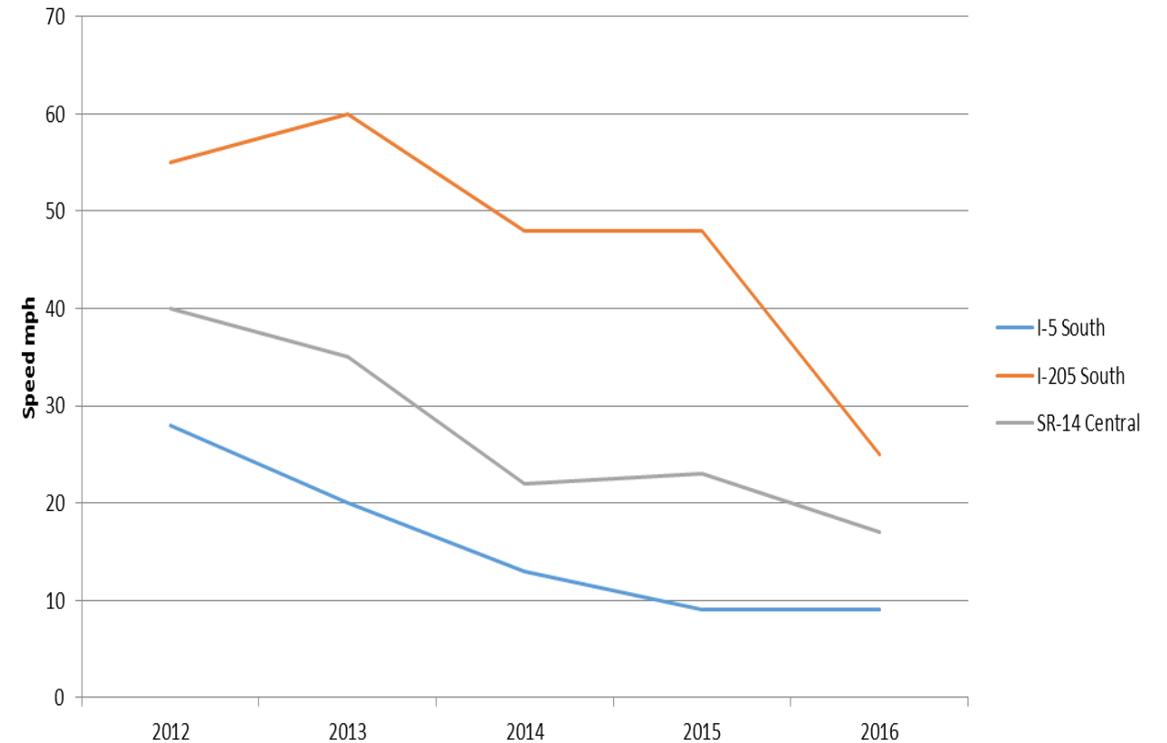
- Transit vehicles can use the shoulder under specific criteria
  - Regular traffic below 35 MPH
  - No more than 15 MPH faster than other traffic, max 35 MPH
- Shoulders retain their primary use as a safety refuge for emergency stops and emergency response vehicles



# Why use BOS?

- Growing traffic slows all vehicles but transit service needs more resources to maintain schedules
- Use of shoulders better utilizes existing resources (road width)
- Bus drivers receive specific training on how to accommodate other needs (stopped vehicles, emergency vehicles, etc.)

Morning Peak Period Bi-state Travel Speeds



# SR 14 Pilot Project

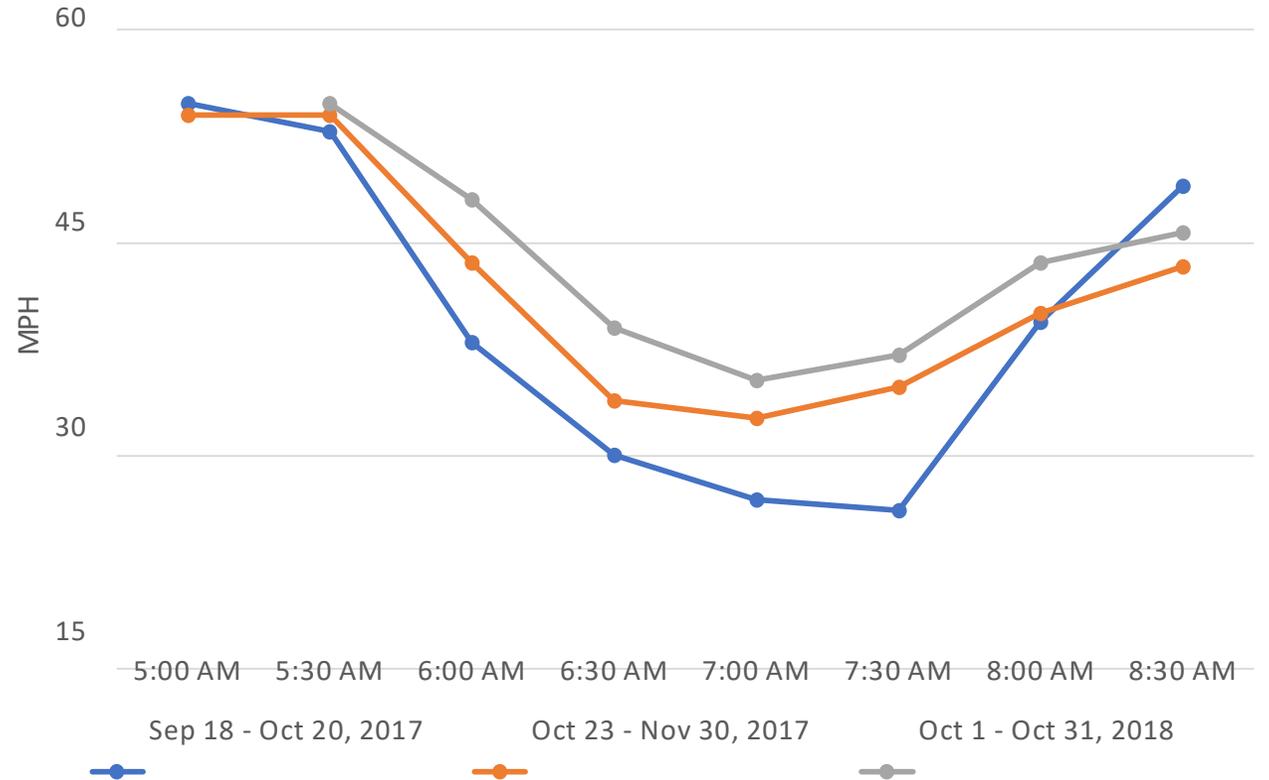
## Route 164 after two months

- 20.0% faster in AM peak (6:00a-8:00a)
- 33.2% faster in slowest timeframe (7:30a-8:00a)

## After one year

- 31.4% faster in AM peak
- 41.8% faster 7:30a-8:00a
- Improved reliability

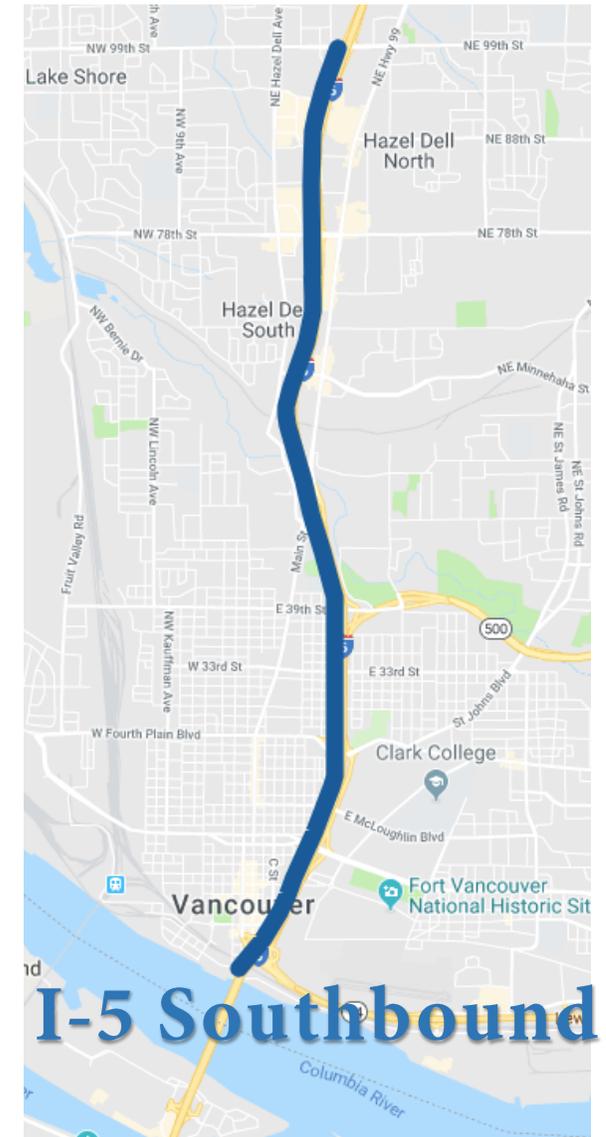
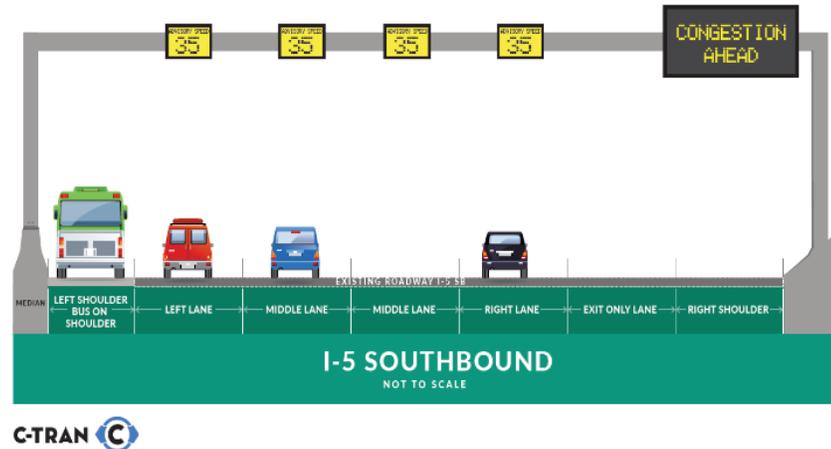
Route 164 Speeds on SR 14 Westbound



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# Southbound I-5

- 99<sup>th</sup> Street to the Interstate Bridge
- Inner shoulder use
- \$6.125 million project (\$4.9 million WSDOT grant)



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# Construction Details

- Tapani Inc. began construction June 13
- Narrowing lanes to provide 14-foot-wide shoulder;  
replacing drainage structures and electrical junction boxes;  
repaving and restriping
- Will finish by mid-August



# Questions?



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