

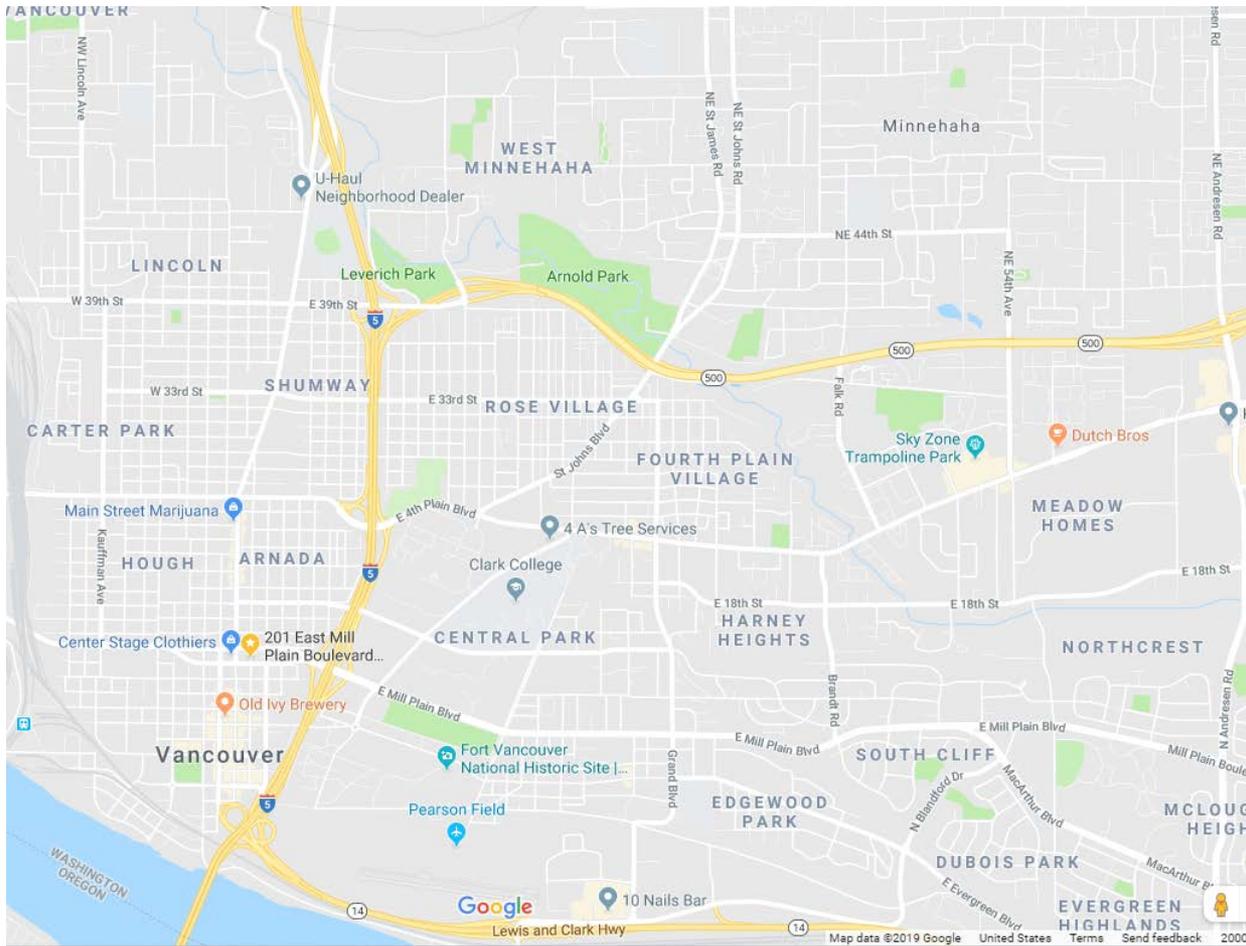
# I-5 Traffic Management System

**Scott Langer, P.E.**  
**Assistant Regional Administrator-Operations & Planning**

7/30/2020



# I-5 Corridor Safety Project



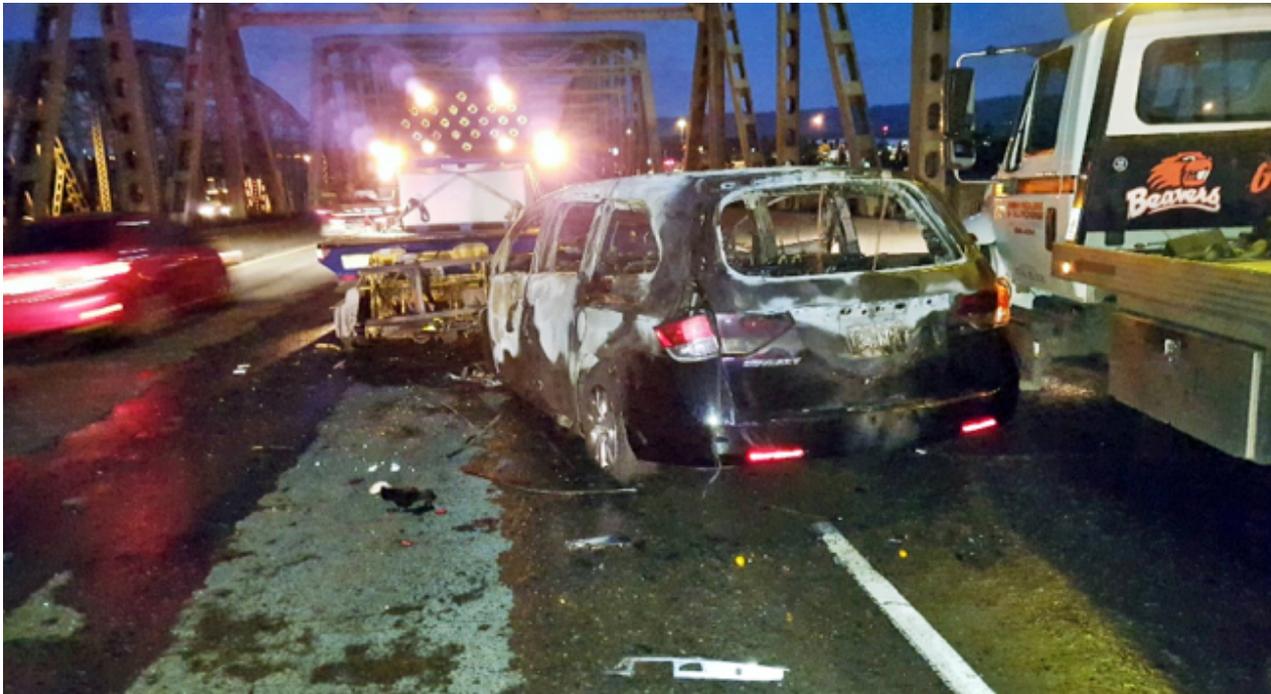
# Crash Summary

- 442 mainline crashes from 2009 – 2013
  - 313 PDO, 104 possible injury, 22 suspected minor injury, 3 suspected serious injury
- 273 rear ends
- 78 sideswipes

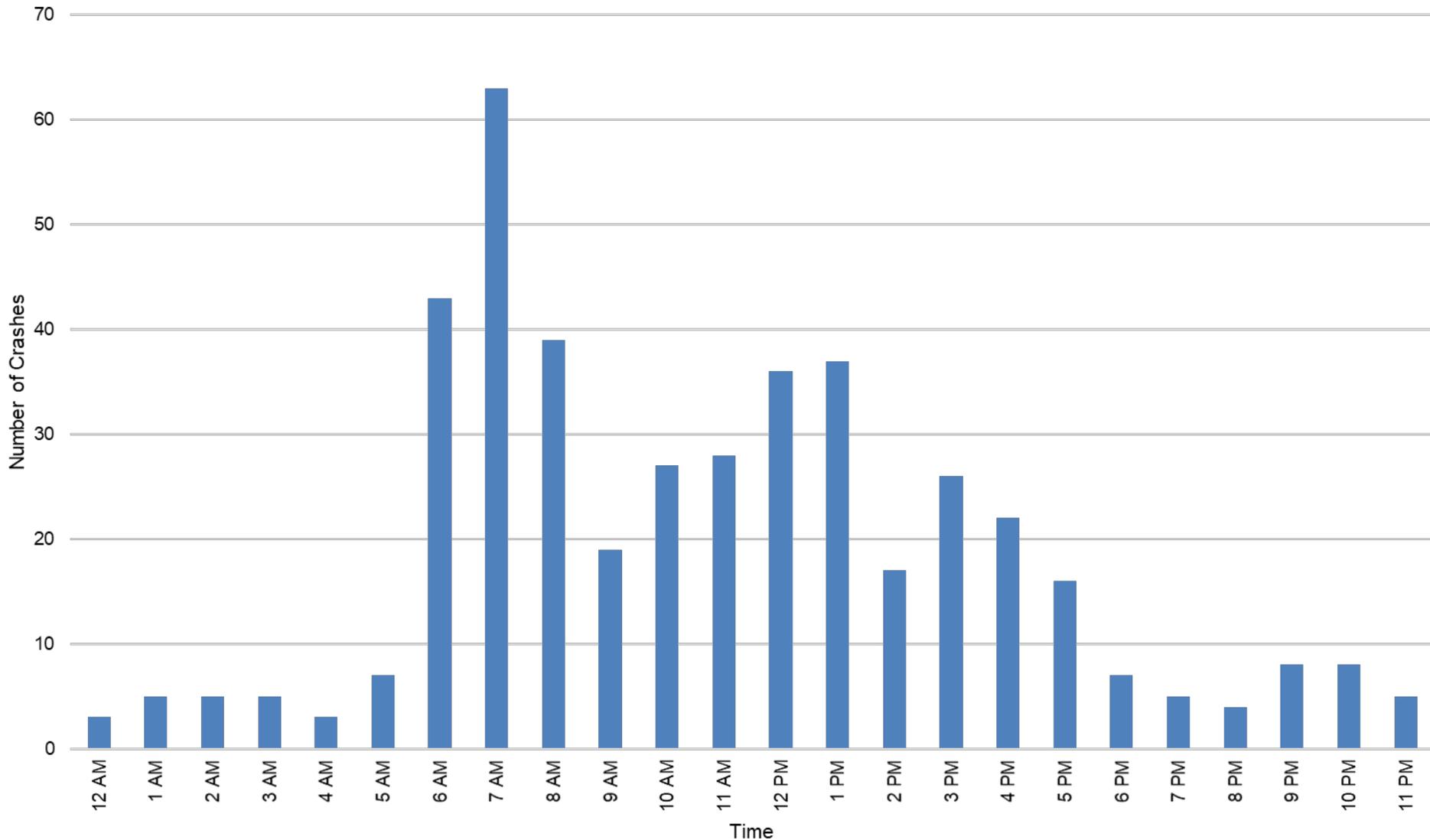


# Crash Summary

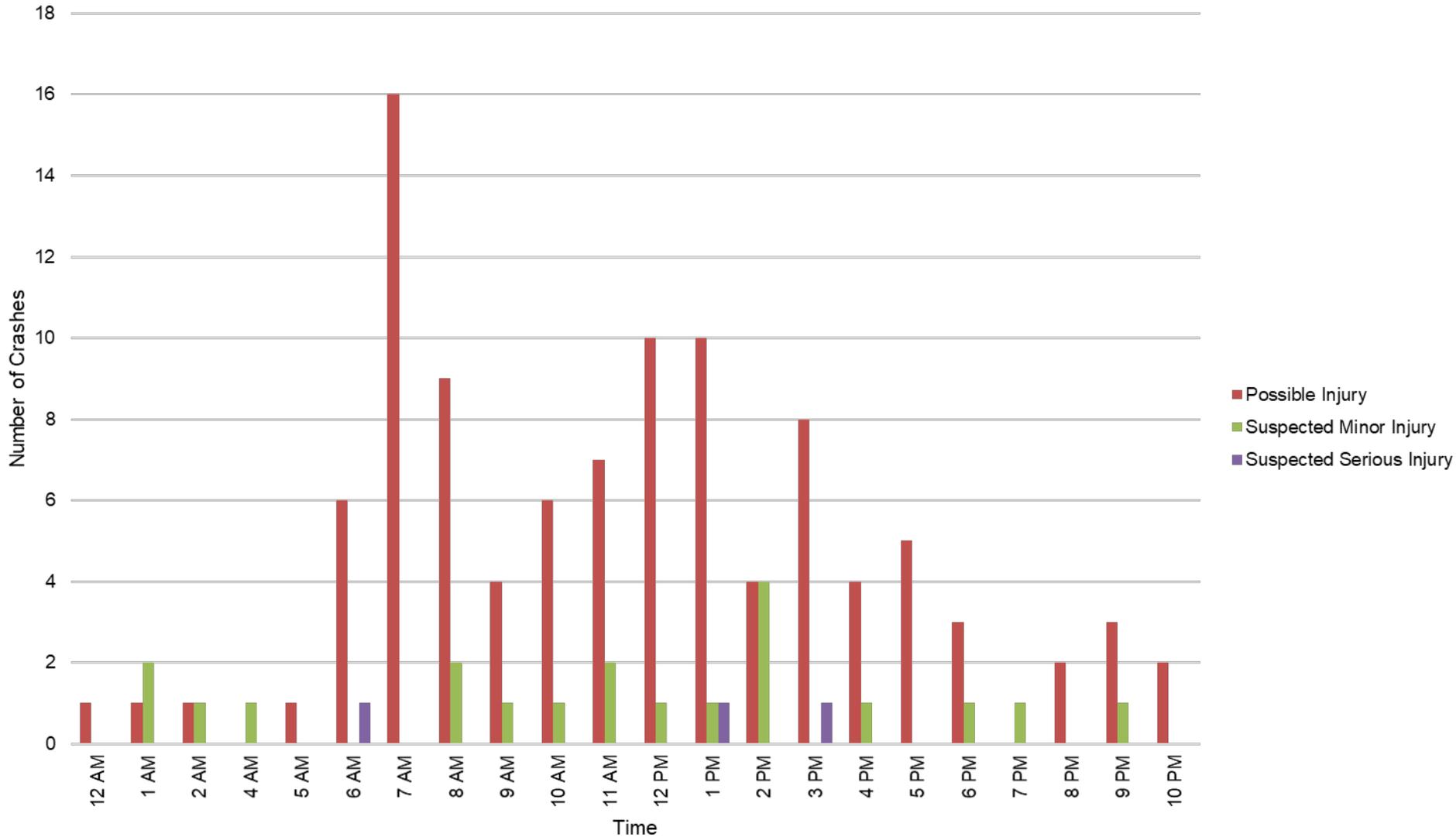
- 43 merging & ramp-related crashes
- Over 120 crashes on Interstate Bridge



# Crashes by Time of Day



# Crash Severity: Injury Only



# Active Traffic Management

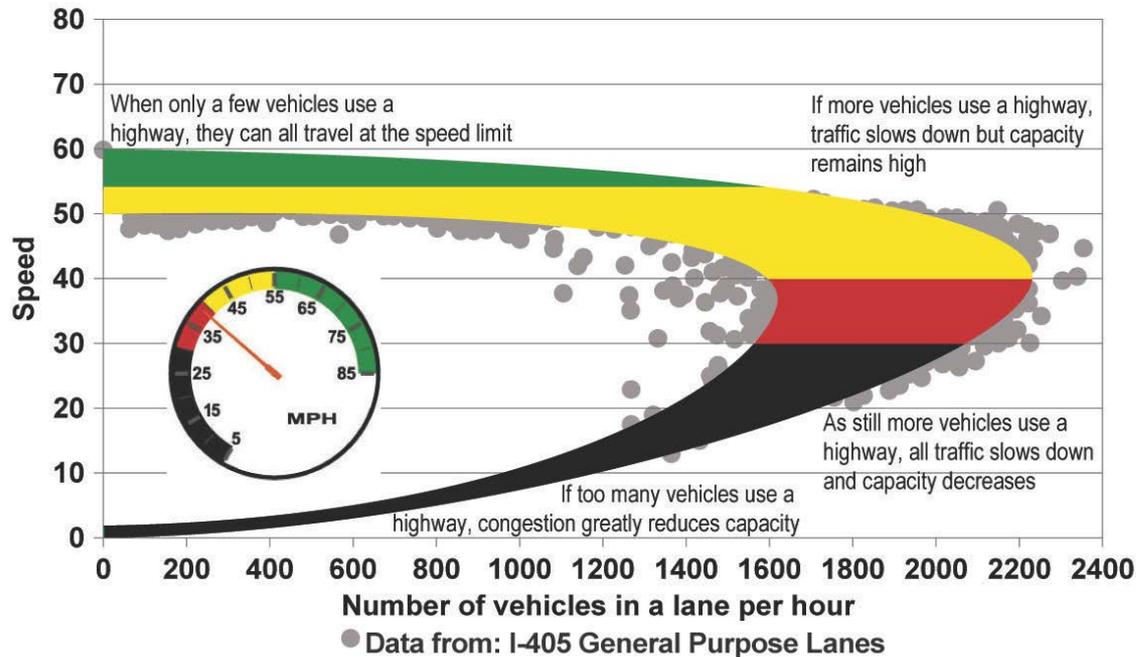
- Advisory variable speed limits
- Variable message signs



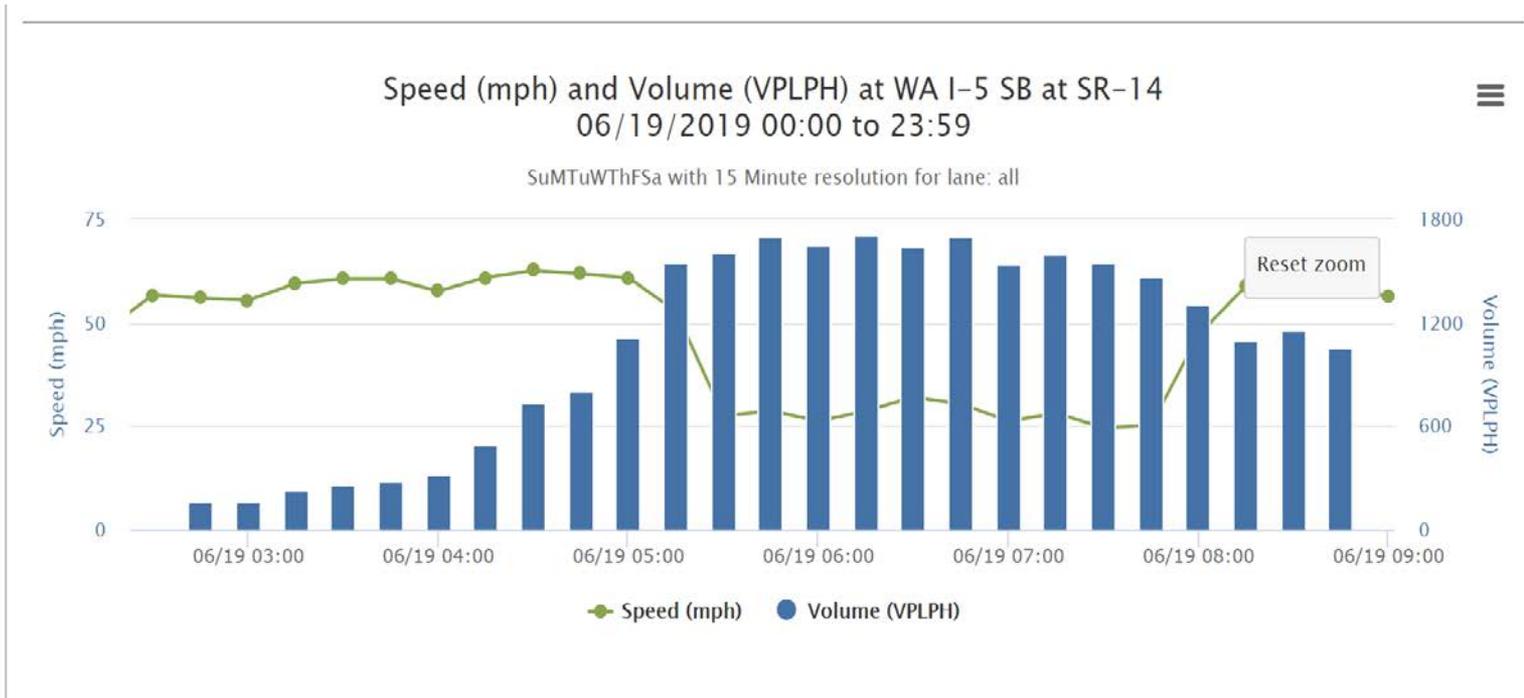
# Ramp Metering

- Up to 36% reduction in crashes

# Adaptive Ramp Metering



# I-5 @ SR 14



# Public Outreach

- Open House Last Fall
- Intermittent Twitter posts back to last fall, now ramping up to weekly
- Blog two weeks ago-distributed to 12,000 confirmed email addresses
- Connect with 120,000 users on Next Door
- Facebook 45,000 users and 6,000 engaged users
- Project Webpage
- News release closer to project completion

# Public Outreach

- Reddit
- PIO's across the metro region
- We have reached over 200,000 people

# Where are we



# Where are we



- Finishing
- Hoping
- Will r

12:02



**Anthony Macuk**  
@anthonymacuk

The new I-5 variable message sign came online and immediately started screaming, which frankly is understandable.



r/Portland  
Posted by u/AtomicAerials • 9h • i.redd.it

Sign of the Times

Photo



Ray Goforth  
3d

Engli:  
Portu  
Deuts  
  
Priva  
Cook  
FaceI

Just 24<sup>th</sup>

# Where are we

- Configuration
  - Less than ideal circumstances
  - Meters and ATM may go live but not active until trunnion or during incidents and bridge lifts
  - May take some time to fine tune