

Speed Limits

Presentation to Clark County Council
Public Service Center, 1300 Franklin Street, Sixth floor

Public Works
Traffic Engineering & Operations

October 3rd, 2018 at 10:30 a.m.

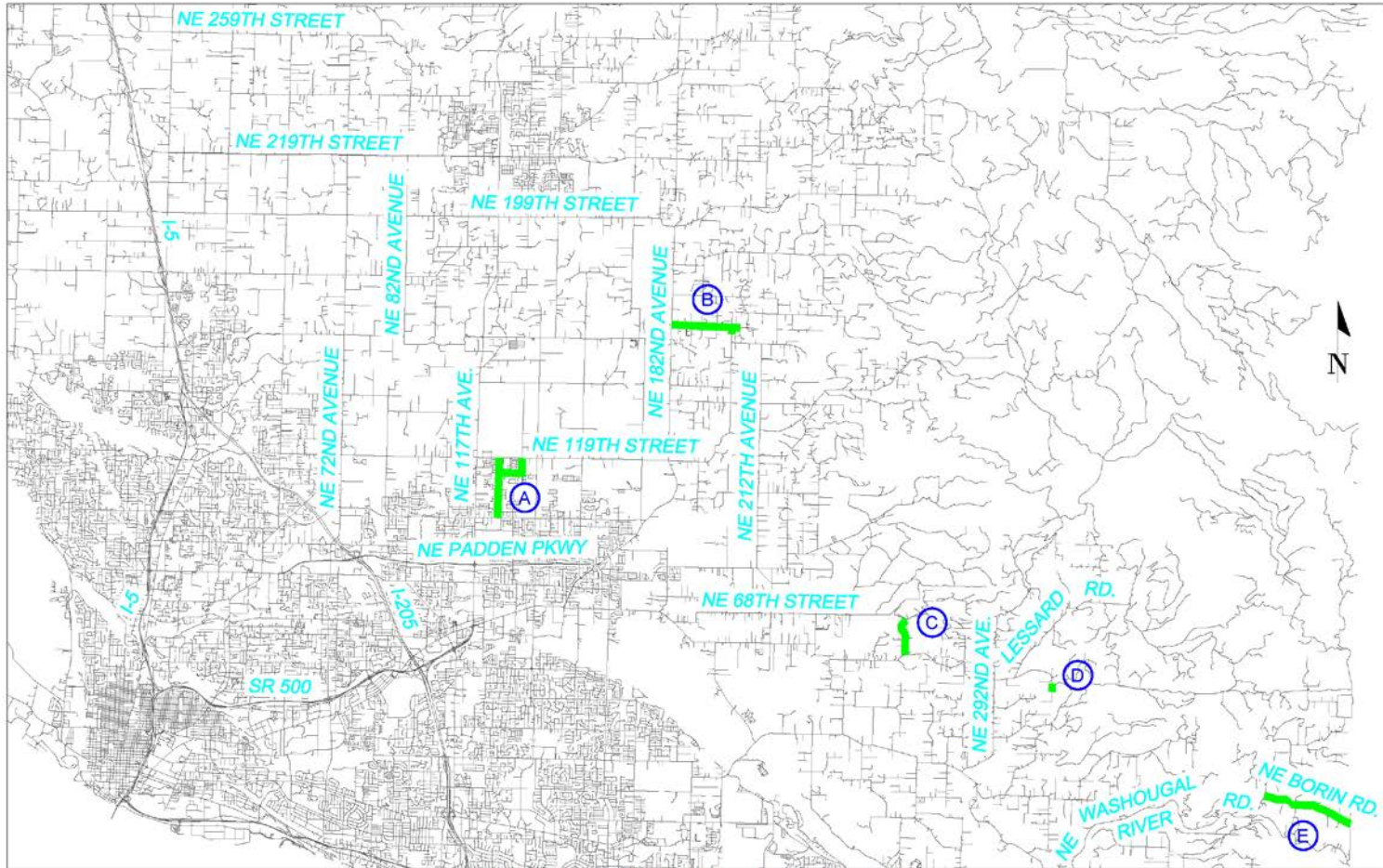


Proposed Speed Limit Locations

Roadway Name	From	To
NE 124 th Avenue	NE 99 th Street	NE 119 th Street
NE 114 th Street	NE 124 th Avenue	NE 132 nd Avenue
NE 132 nd Avenue	NE 114 th Street	NE 119 th Street
NE 164 th Street	NE 182 nd Avenue	NE 205 th Avenue
NE 202 nd Avenue	NE 164 th Street	500 feet south of NE 164 th Street
NE 262 nd Avenue	NE Bradford Road	0.63 miles north of NE Bradford Road
NE 312 th Avenue	NE Ireland Road	End of roadway to the south
NE Borin Road	NE Hughes Road	NE 412 th Avenue



Speed Limit Locations (8 total)



REGULATORY SPEED VICINITY MAP
EXHIBIT A1



State Regulations

- **RCW 46.61.400**

- The maximum speed limit on a County highway is 50 mph.
- Under basic rule, drivers needs to drive according to conditions.
- The majority of Clark County rural highways are basic rule. (unposted speed limit)

- **RCW 46.61.415**

- Local authorities may increase or reduce regulatory speed limit in their respective jurisdictions determined on the basis of an engineering and traffic investigation.

- **WAC 468-95-045**

- Speed Limit signs shall display the speed limit established by statute; or, by an ordinance or regulation adopted by the authorized agency, based on the engineering study or traffic investigation.



Urban Speed Limits by Classification

- Based on the elements considered for establishing regulatory speeds, the following are the recommended speed limits for each roadway classification:
 - Parkways – 50 mph
 - Principal arterials – 45 or 50 mph
 - Minor arterials – 35 or 40 mph
 - Collector streets – 30 or 35 mph
 - Circulator streets – 25 or 30 mph
 - Local access residential streets – 25 mph
- Clark County Resolution 7218 states that the speed limit for all residential subdivision streets shall be 25 mph.



Evaluating Speed Limit

- Three basic elements in an engineering and traffic investigation for establishing regulatory speed:
 - **Highway** - Geometric and physical condition of the roadway meaning lane width, horizontal and vertical curves, sight distance, etc.
 - **Traffic** - Operating speed (speed study), vehicle mix, crash history, etc.
 - **Roadside Culture** - Roadway classification, access density, pedestrian environment, urban/rural, residential/commercial.



NE 124th Ave (NE 99th St to NE 119th St)

- Two-lane collector
- Residential
- Dogwood Park
- Bicycle/pedestrian activity
- Roadway now goes through
- Existing speed = 25 and 40 mph
- Recommended speed = 30 mph



NE 114th St (NE 124th Ave to NE 132nd Ave)

- Local access
- Residential
- Bicycle/pedestrian activity
- Not the main route anymore
- Existing speed = 40 mph
- Recommended speed = 25 mph



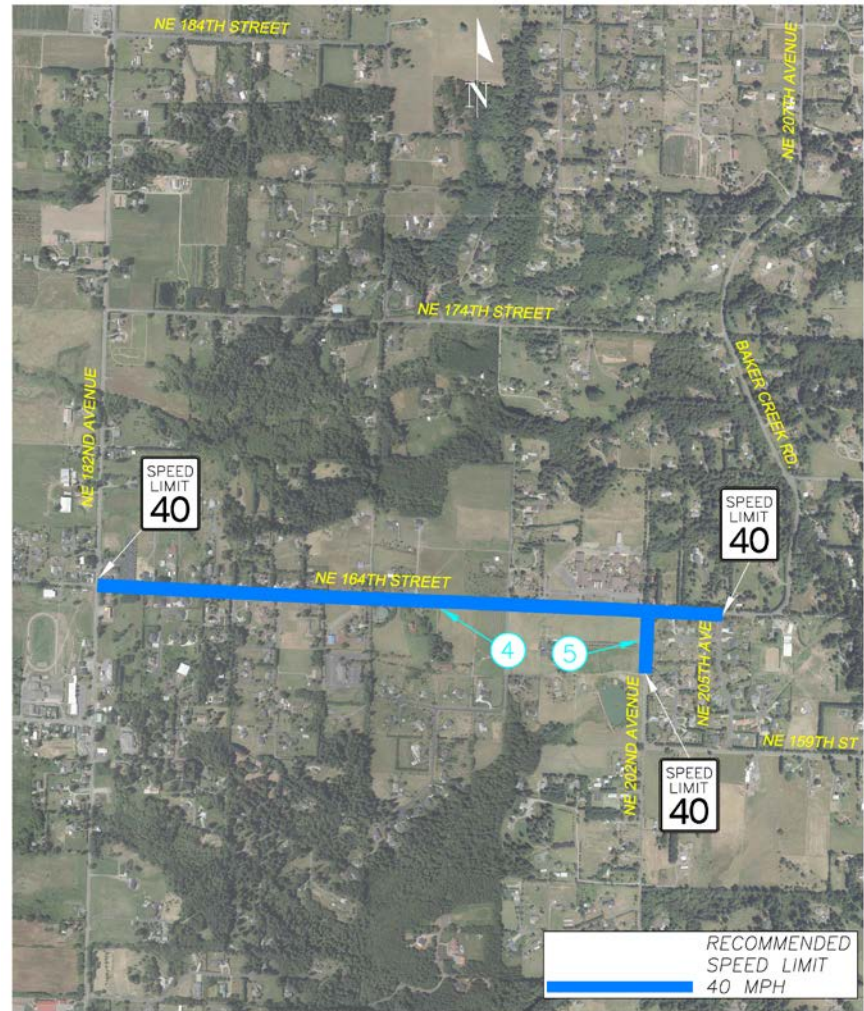
NE 132nd Ave (NE 114th St to NE 119th St)

- Local access
- Residential
- Bicycle/pedestrian activity
- Not the main route anymore
- Existing speed = 40 mph
- Recommended speed = 25 mph



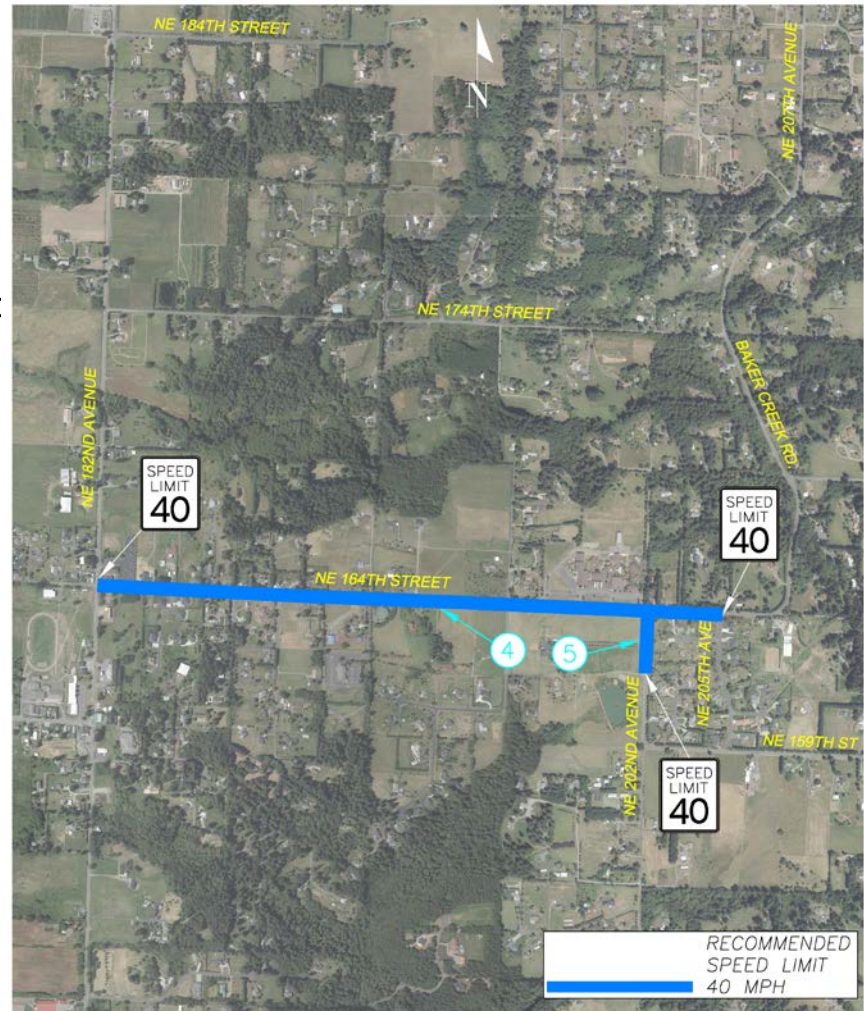
NE 164th St (NE 182nd Ave to NE 205th Ave)

- Rural collector
- School frontage (with school crossing and 20 MPH school zone)
- Bicycle/pedestrian activity
- Detached walkway
- Existing speed = Posted as 40 mph but no resolution to support it
- Recommended speed = 40 mph (Housekeeping)



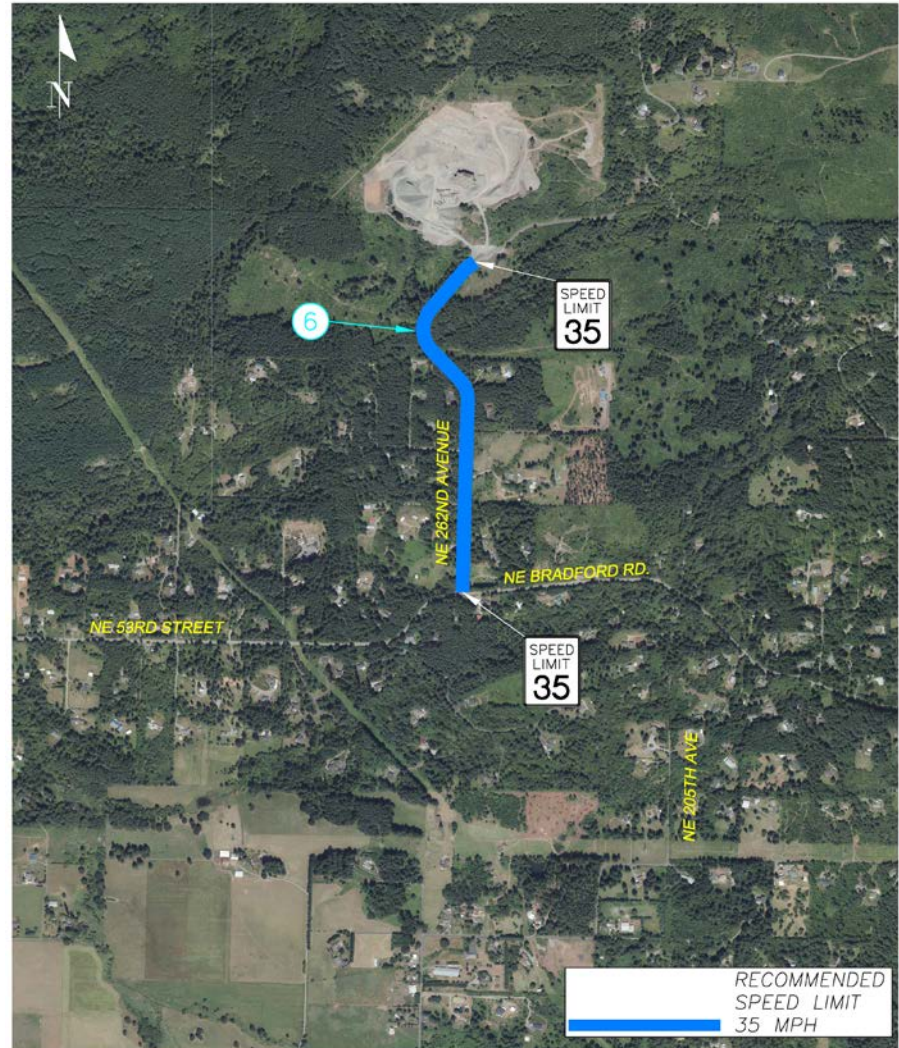
NE 202nd Ave (NE 164th St to 500 feet to the south)

- Local access
- Adjacent to school
- Bicycle/pedestrian activity
- Existing speed = Posted as 40 mph but no resolution to support it
- Recommended speed = 40 mph (Housekeeping)



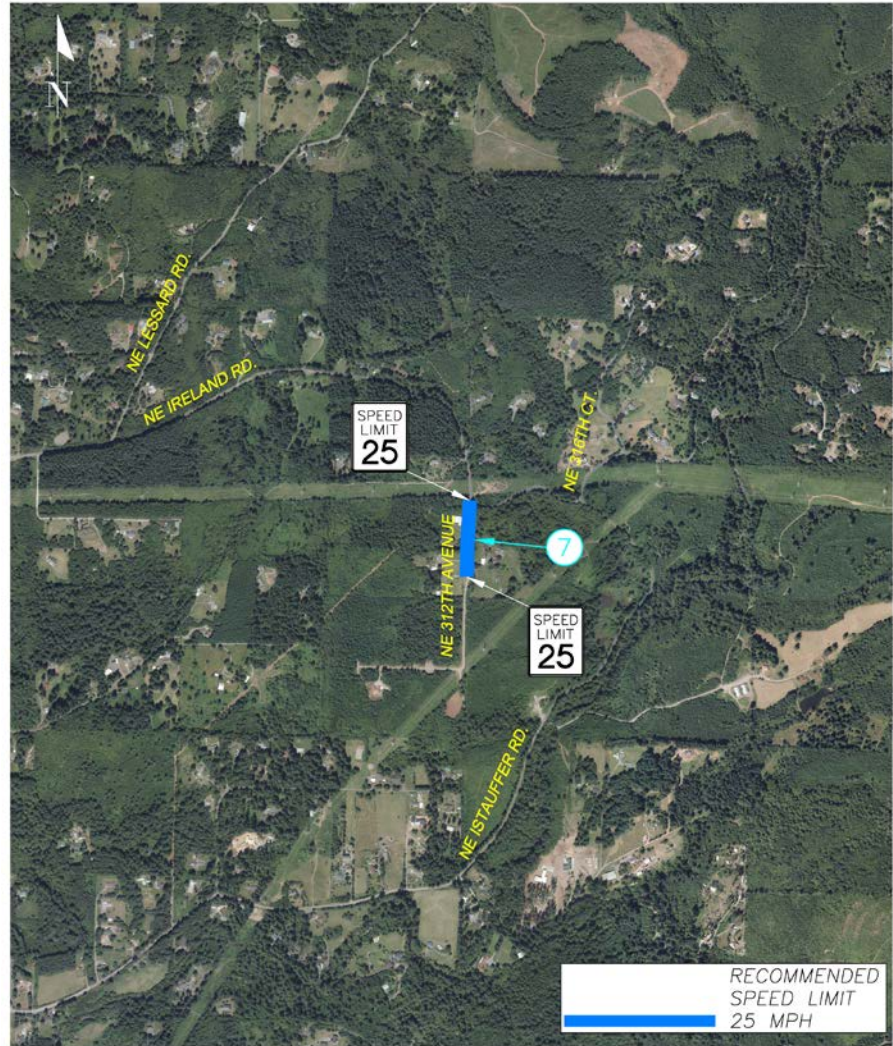
NE 262nd Ave (NE Bradford Rd to 0.63 miles to the north)

- Local access
- Dead end street
- Horizontal and vertical curves
- Steep vertical grades
- High percent of heavy vehicles
- Existing speed = Unposted basic
- Recommended speed = 35 mph



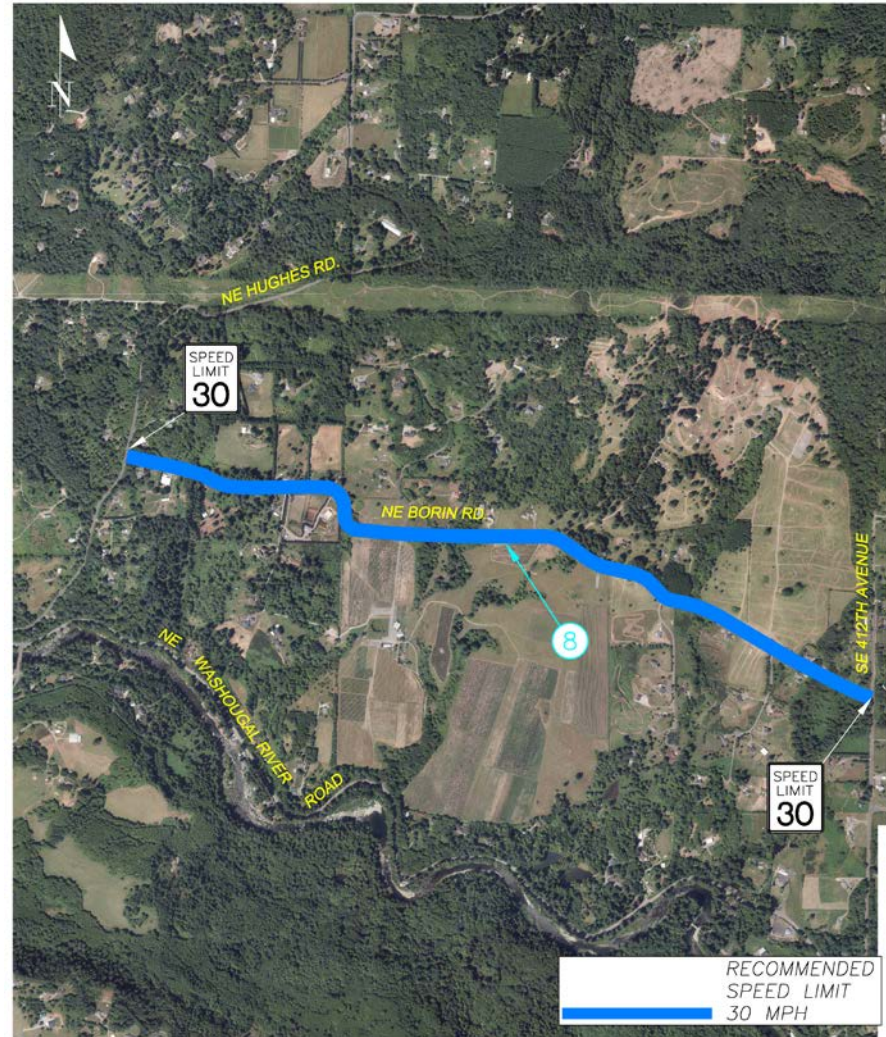
NE 312th Ave (NE Ireland Rd to NE 41st Cir)

- Local access
- Dead end street
- Narrow road
- Existing speed = Unposted basic
- Recommended speed = 25 mph



NE Borin Rd (NE Hughes Rd to NE 412th Ave)

- Local access
- Narrow road
- Horizontal and vertical curves
- Several major events every year drawing in unfamiliar drivers
- Existing speed = Unposted basic
- Recommended speed = 30 mph



Thank you!

Comments and questions

Clark County Public Service Center

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