



TRANSPORTATION COMMITTEE
JANUARY 17, 2018
5:30 P.M.
COUNCIL CHAMBERS

1. **YELM HIGHWAY SPEED LIMIT**
MARTIN HOPPE, TRANSPORTATION MANAGER
(STAFF REPORT ATTACHED)



TRANSPORTATION COMMITTEE
January 17, 2018

SUBJECT: Modification of Yelm Hwy Speed Limits

RECOMMENDATION: Recommend forwarding Resolution to full Council to reduce the speed limit on Yelm Hwy to 35 MPH.

STAFF CONTACT: Scott Spence, City Manager *SS*
Scott Egger, Public Works Director *SE*
Roger Schoessel, City Engineer *RAS*
Martin Hoppe, Transportation Manger *MH*

ORIGINATED BY: Public Works Department

ATTACHMENTS: 1. [Resolution](#)
2. [Speed Limit Master List](#)

FISCAL NOTE: Changing the speed limits signs proposed will cost approximately \$2,000 for materials and labor.

PRIOR REVIEW: None

BACKGROUND:

The Police Department contacted Public Works regarding several collisions on Yelm Highway within Lacey city limits that appeared to be speed related. Also, congestion along the corridor has increased causing the overall speed and pace to decrease. As a result, the Public Works Department is recommending modifications to the speed limit on Yelm Highway within Lacey city limits.

There are several factors that must be evaluated in determining appropriate speed limits for roadway segments that include:

- 85th percentile speed
- 10 mph pace
- Roadway geometrics
- Collision history
- Driver expectation

All of these factors influence the safety and appropriate speed limit for the roadway. The engineering aspect of speed limits estimate 85 percent of all drivers drive at a safe and

reasonable speed, while 15 percent of drivers require enforcement or other measures to curtail excessive speeds. It is also important to have a majority of drivers to travel within 10 mph of each other "10 mile per hour pace", to allow drivers on the side streets to anticipate constant travel speeds. The roadway geometrics are a factor in determining the appropriate speed of the roadway as sight triangles and curves are established with specific design speeds. The collision history of a roadway can also dictate speed limits. Also, driver expectation is very important, as the speed limit changes should be consistent and clearly visible to the driver.

As noted above, given the increase in congestion and speed related collisions along Yelm Highway, staff is recommending that the speed limit on Yelm Hwy be reduced from 40 mph to 35 mph. This speed limit change will also add consistency to the area with Ruddell Road SE, and College Street SE also having posted speed limits of 35 mph. In addition to the speed limit change on Yelm Highway, there will be minor clarifications to the Speed Limit Master List.

These speed limits will be effective upon installation of the new signs. The Public Works Department will work closely with the Police Department to educate drivers on these modifications. All signs are expected to be erected within 90 days of approval of the Resolution. The attached spreadsheet "Exhibit A" is intended to be attached as the Master Speed Limit Resolution. There are no changes proposed to the remaining roadways.

ADVANTAGES:

1. Speed limits signs can be changed with capital projects which will not require a budget amendment.

DISADVANTAGES:

1. Changing the speed limits signs will cost approximately \$2,000 for materials and labor.

RESOLUTION _____

CITY OF LACEY

A RESOLUTION MODIFYING THE SPEED LIMIT ON THE PORTION OF YELM HIGHWAY WITHIN CITY LIMITS.

WHEREAS, it has been determined on the basis of engineering and traffic investigation that the speed limit on the street listed in this Resolution should be modified,

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF LACEY, WASHINGTON, as follows:

- 1. The speed limit on the portion of Yelm Highway within city limits is changed from 40 miles per hour to 35 miles per hour.

PASSED BY THE CITY COUNCIL OF THE CITY OF LACEY, WASHINGTON, this _____ day of _____, 2018.

CITY COUNCIL

BY: _____
Mayor

Attest:

Approved as to form:

City Clerk

City Attorney

EXHIBIT A -- SPEED LIMITS

<i>STREET NAME</i>	<i>TERMINI FROM...</i>	<i>TERMINI TO...</i>	<i>SPEED LIMIT (MPH)</i>
6th Ave. NE	Sleater Kinney Road	College St. NE	25
6th Ave. SE	Sleater Kinney Road	College St. SE	30
14th Ave. SE	Sleater Kinney Road	West City Limits	25
31st Ave. NE	Hogum Bay Road	Meridian Road	35
32nd Ave. NE	All		25
37th Ave. SE	College St. SE	West City Limits	35
41st Ave. NE	All		35
45th Ave. SE	College St. SE	Ruddell Road	35
46th Ave. NE	Hilton Road NE	Meridian Road	45
54th Ave. SE	All		25
Britton Parkway	Draham Road	250' east of Carpenter Road	35
Britton Parkway	250' east of Carpenter Road	Marvin Road	40
Carpenter Road	All		35
College St.	All		35
College St.	6th Avenue NE	Yelm Hwy	35
Galaxy Dr.	All		30
Gateway Blvd NE	All		30
Gateway Blvd NE	South of Britton Parkway		30
Hawks Prairie Road	All		35
Hogum Bay Road	Marvin Road NE	Hawks Praire Road	35
Lacey Blvd.	East Roundabout at Pacific	Golf Club Road	35
Lacey Blvd.	Golf Club Road	Sleater Kinney Road	30
Martin Way	All		40
Marvin Road	All		35
Meridian Road	Orion Road	North City Limits	50
Meridian Road	Orion Road	South City Limits	40
Mullen Road	All		35
Orion Drive	All		35
Pacific Ave.	East City Limits	Carpenter Road SE	40
Pacific Ave.	Carpenter Rd SE	Golf Club Road	35
Pacific Ave.	Golf Club Road	West City Limits	30
Quinault Dr.	West of Marvin Road		30
Rainier Road	All		35
Ruddell Road	Pacific Ave.	Yelm Highway	35
School Zones	As Marked		20
Sleater Kinney Road	15th Ave. NE	11th Ave. SE	25
Sleater Kinney Road	11th Ave. SE	21st Ave. SE	30
Willamette Dr.	All		35
Yelm Hwy.	West City Limits	East City Limits	40
Yelm Hwy.	West City Limits	East City Limits	35