

ORDINANCE NO. 09-16  
AN ORDINANCE AMENDING RESOLUTION 1-89  
CHANGING THE SPEED LIMIT ON HIGHLAND ROAD  
IN MASON COUNTY

**WHEREAS**, the Revised Code of Washington (RCW) 46.61.415 permits local authorities to establish or alter maximum legal speed limits pursuant to RCW 46.61.400 on County road on the basis of an engineering and traffic investigation finding that the maximum speed is greater than reasonably safe; and

**WHEREAS**, in accordance with Chapter 10.04 of the Mason County Code the board of county commissioners, by ordinance, may raise or lower a speed limit on any county road, except raising above fifty miles per hour.

**WHEREAS**, Mason County previously established, along with numerous other county roads, an alternate speed limit for the Highland Road on January 3, 1989 under Resolution 1-89.

**WHEREAS**, the County Engineer has reviewed the engineering traffic investigation and recommendation and has determined a portion of Highland Road warrants a speed limit change, with the entire road posting showing as follows:

<u>ROAD NO.</u>	<u>ROAD NAME</u>	<u>SPEED</u>	<u>M.P. - M.P.</u>
04450	Highland Road	35	0.000 - 3.595
	Highland Road	45	3.595 - 7.921

**THEREFORE, BE IT RESOLVED**, that this ordinance amends that portion of Resolution 1-89 pertaining to Highland Road;

**THEREFORE, BE IT RESOLVED AND ORDERED**, that the speed limit is effective immediately as shown for Highland Road and the County Engineer is directed to erect the necessary signs in conformity herewith.

DATED this 9 of Feb., 2016.

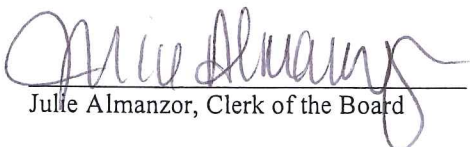
BOARD OF COUNTY COMMISSIONERS  
MASON COUNTY, WASHINGTON

  
Terri Jeffreys, Chair


Absent  
Tim Sheldon, Vice Chair

  
Randy Neatherlin, Commissioner

ATTEST:

  
Julie Almanzor, Clerk of the Board

APPROVED AS TO FORM:

  
Tim Whitehead,



MASON COUNTY  
DEPARTMENT of PUBLIC WORKS  
100 W PUBLIC WORKS DRIVE  
SHELTON, WASHINGTON 98584

**MEMORANDUM - Exhibit 1**

TO: Melissa McFadden, PE  
Deputy Director/County Engineer  
Cc: Loretta Swanson, Technical Services Manager  
FROM: Dave Smith, PE, Transportation Engineer  
DATE: February 1, 2016  
  
**SUBJECT: Proposed Speed Limit Change - Highland Road  
Engineer's Report and Recommendations**

Mason County Public Works received a citizen's petition on August 12, 2013 to increase the speed limit on Highland Road from 35 MPH to 40 or 45 MPH. The stated purpose is to bring the posted speed limit more in line with the speeds that motorists are driving. On the basis of review and analysis of traffic conditions, the following is recommended.

**RECOMMENDATION**

Public Works conducted an engineering study using the latest methodology and available data to determine the safe speed. As a result of that study, it is recommended the speed limit from MP 3.595 (just north of Panhandle Lake Rd) to MP 7.911 (intersection with Cloquallum Rd) be increased to 45 MPH. The remainder of the road should remain at 35 MPH. See attached vicinity map.

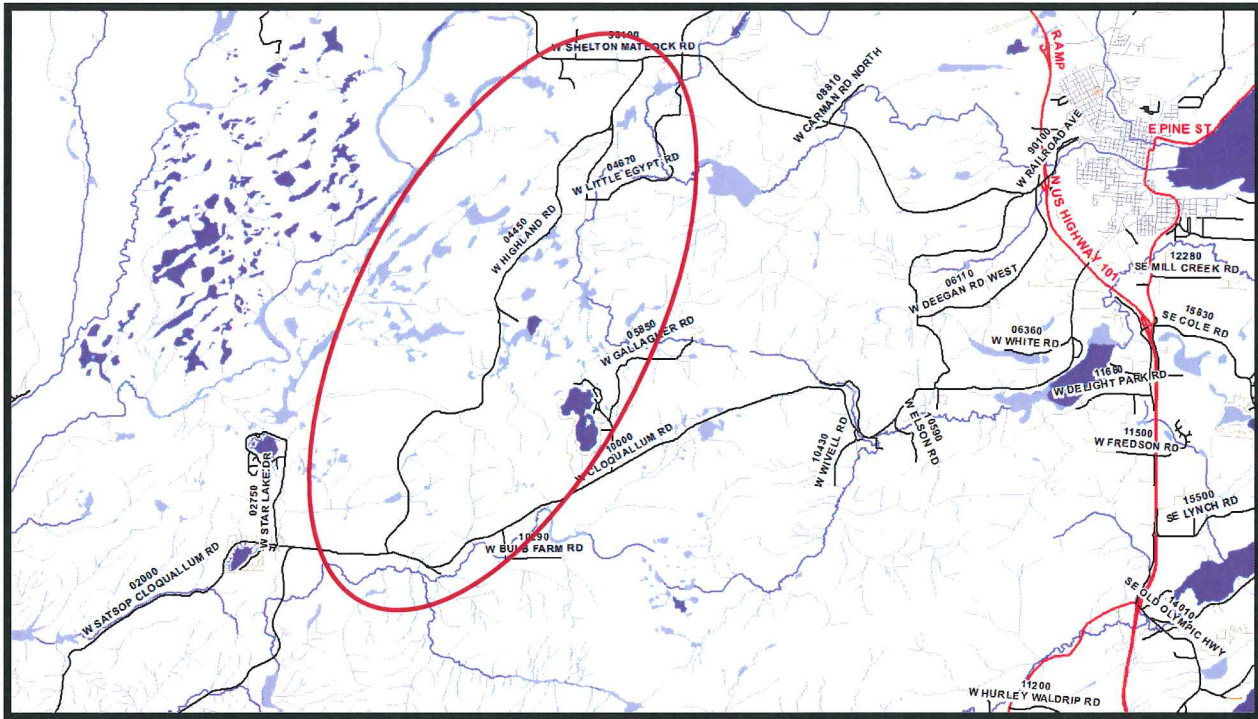
Records show it was not posted as of April 1981, so the statutory speed limit was 50 MPH prior to that date and until January, 1989, when Resolution 1-89 set the speed limit at 35 MPH. Given the density of private driveways, horizontal and vertical alignment, intersections, and school bus stops it is recommended that no change be made to the existing speed limit between MP 0.00 (intersection with Shelton Matlock Rd) and 3.595 (just north of Panhandle Lake Road).

Within MP 3.595 to 7.991, specifically at MP 6.2, the 85% speed is 48 MPH southbound and 51 MPH northbound. The ADT is 328 vehicles per day. Since January 2012, there has been 3 traffic crashes and none appear to be speed or access related. There are no school bus stops within this section of road.

Within MP 3.595 to 7.991, the maximum safe speed of the horizontal alignment of the road is below the proposed speed limit. Therefore, if the speed limit is raised to 45 MPH appropriate warning signs must be installed prior to posting the new speed limit. Ken Howard, Traffic Foreman, conducted a field review and re-ball banked the curves to determine necessary signing. Estimated cost is \$1,500.00. On the basis of findings from the Engineer's report, it is recommended to raise the speed limit as aforementioned and install the appropriate warning signs prior to the new speed limit signs.



## Highland Road Vicinity Map



Proposed Speed Limit 45 MPH between MP 3.595 and MP 7.991

