

BEFORE THE BOARD OF COUNTY COMMISSIONERS
OF LEWIS COUNTY, WASHINGTON

IN THE MATTER OF:

Fixing a maximum speed on Tennessee Road
and a portion of Shorey Road in Lewis County,
defining offenses and providing penalties for
the violations thereon

}
} RESOLUTION 14- 164
}
}
}

WHEREAS, RCW 46.61.415 authorizes the Board of County Commissioners to alter maximum speed limits on roadways within its jurisdiction on the basis of an engineering and traffic investigation; and

WHEREAS, engineering and traffic investigations have been prepared by Lewis County Public Works to assess the appropriate speed limits on Tennessee Road and a portion of Shorey Road in Lewis County, Washington; and

WHEREAS, the results of these investigations indicate that the speed limit on Tennessee Road and a portion of Shorey Road be lowered to 40 mph; and

WHEREAS, the traffic investigation and all related materials have been reviewed by the Board and found appropriate for further proceedings.

NOW THEREFORE BE IT RESOLVED that the 16th day of June 2014, at or after the hour of 10:00 a.m., in the Commissioners Hearing Room on the 2nd floor of the Historic Courthouse in Chehalis, Washington, has been fixed by the Board as the time and place for the hearing on an Ordinance reducing the speed limit on Tennessee Road and a portion of Shorey Road, when and where all persons may appear and be heard regarding the passing of the Ordinance;

BE IT FURTHER RESOLVED that the Clerk of the Board is hereby instructed to proceed with all appropriate and necessary notifications, posting and publication as required by RCW 36.55.040.

DONE IN OPEN SESSION this 2nd day of June, 2014.

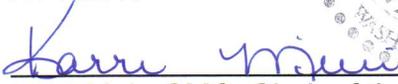
APPROVED AS TO FORM:

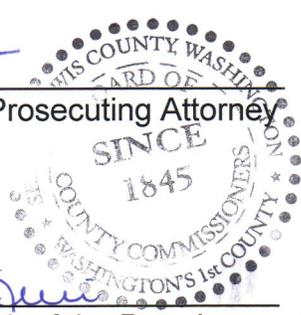
BOARD OF COUNTY COMMISSIONERS
LEWIS COUNTY, WASHINGTON


Jonathan L. Meyer, Prosecuting Attorney


F. Lee Grose, Chair

ATTEST:


Karri Muir, CMC, Clerk of the Board




Edna J. Fund, Vice Chair


P.W. Schulte, Commissioner

NOTICE OF HEARING

NOTICE IS HEREBY GIVEN that the Board of County Commissioners, Lewis County, Washington, is intending to reduce the current maximum speed limit on the following roads in Lewis County:

Tennessee Road	Reduce maximum speed limit from 50 mph to 40 mph
Shorey Road	Reduce maximum speed limit from 50 mph to 40 mph

An Engineer's Report has been prepared and all related materials have been reviewed by the Board and found appropriate for further proceedings.

A hearing on the reduction of speed limit on Tennessee Road and a portion of Shorey Road in Lewis County will be held on the 16th day of June, 2014, at or after the hour of 10:00 a.m., in the Commissioners Hearing Room on the 2nd floor of the Historical Courthouse in Chehalis, Washington, when and where all persons may appear and be heard regarding the reduction of speed.

Lewis County policy requires that notice of hearing regarding the proposed reduction of speed limits be advertised at least 10 days before the day fixed for hearing, and also published once in the official newspaper of the county.

Dated: June 2, 2014

**LEWIS COUNTY PUBLIC WORKS
ENGINEERING AND TRAFFIC INVESTIGATION REPORT**

REASON FOR INVESTIGATION : Initiated by Traffic Engineer Erik Martin based on citizen concerns for sight distance and safe travel on the roadway.

COUNTY ROAD : Tennessee Road

IN THE MATTER OF : Assessing the appropriate speed limit for travel on Tennessee Road (LC Road # 39000).

FINDINGS :

- a.) Current Speed Limit : [50]
85% Prevailing Vehicle Speed : [49]
Average Daily Traffic : [240]
- b.) Physical Features: Tennessee Road is a thru road with an un-posted 50 MPH speed limit. The road is a 3.115 mile north-south Local Access Road beginning at the City of Winlock City Limits (M.P. 0.169) and terminating at Pleasant Valley Road (M.P. 3.284). The northerly portion of road, from Pleasant Valley to Nelson Road is a strait road, 24-feet in width with rolling terrain. There is one know location (M.P. 2.029) where the road falls below the AASHTO recommendations for vertical curve sight distance. The portion of the road south of Nelson Road continuing to the City Limits of Winlock is narrow, winding, and has some adverse grades. In the last 6 years, this road has produced 15 vehicular accidents, one of which being fatal. This number of accidents has put Tennessee Road above the critical accident rate (rate which is above the normal range of crashes per million vehicle miles of travel MVMT) based on Countywide data for this type of roadway.
- c.) Remarks / Recommendations: Given the reduced sight distance, adverse road conditions, and the number of accidents, it is my recommendation to lower the speed limit to 40 MPH. A US LIMITS (FHWA speed limit determination application) evaluation has been conducted and also recommends 40 mph as an appropriate speed limit. The vertical curve at M.P. 2.029 with limited sight distance (ref. Table 3-4 in the ASHTO Design Manual) will be posted for an advisory speed of 35 mph.




Erik Paul Martin, PE
Lewis County Maintenance and Traffic Engineer



USLIMITS2

[HOME](#)[HELP](#)

ROAD SECTION IN DEVELOPED AREA

User Name - epmartin

Project Name - Tennessee Speed Study

Project Number - 14-003

State - Washington

County - Lewis County

City - Rural/Other

Route Name - Tennessee Rd

Termini From - Pleasant Valley Rd

Termini To - City Limits

Description - Speed Study based on citizen concerns about sight distance on Tennessee Road due to vertical alignment of the road.

Recommended Speed Limit is: 40 mph

Note: Sections with adverse alignments may need specific 'advisory speed warnings' which may be different from the general speed limit for the section. See [Procedures for Setting Advisory Speeds on Curves](#), Publication No. FHWA-SA-11-22, June 2011, for more guidance.

The crash rate of the section is 556 per 100 MVMT. The average rate for similar sections is 226 per 100 MVMT, and the critical rate is 480 per 100 MVMT. The crash rate of this section is 146% Higher than the average crash rate for similar sections.

The rate of injury crashes for the section is 148 per 100 MVMT. The average rate for similar sections is 101 per 100 MVMT, and the critical rate is 278 per 100 MVMT. The rate of injury crashes for this section is 46% Higher than the average rate for similar sections. A comprehensive crash study should be undertaken to identify engineering and traffic control deficiencies and appropriate corrective actions. The speed limit should only be reduced as a last measure after all other treatments have either been tried or ruled out.

Add Additional Comments

[Create Project File](#) [More Info](#)

SIGHT DISTANCE REVIEW

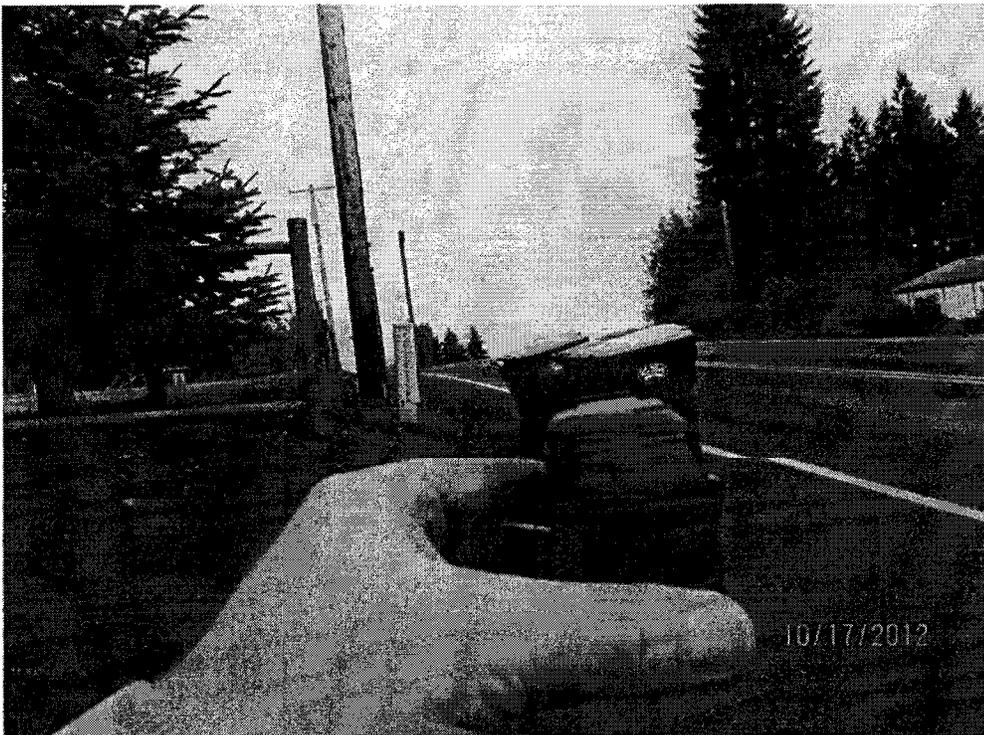
Tennessee Road

un-posted 50 MPH

10/17/2012



Looking south toward Silver Thistle road. Red arrow notes access, SD = 255'.



Looking north from Silver Thistle Road eye height 3.5' same as target, pole, phone ped impedes line of sight.



Looking south from Silver Thistle Road, SD = 199', brush impedes line of sight.

Lewis County Public Works

A>B: South
 B<A: North
 MP: 2.210

Site: Tennessee Road
 Wednesday, 1/23/2013, 10:27:38 AM -
 Friday, 1/25/2013, 2:51:14 PM

Speed Grand Totals Combined

mph	Hourly Averages											ADT		
	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60		60 - < 65	65 - < 70
12:00 AM	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 AM	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6:00 AM	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8:00 AM	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9:00 AM	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10:00 AM	14.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00 AM	14.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12:00 PM	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 PM	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 PM	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 PM	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 PM	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 PM	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6:00 PM	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00 PM	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8:00 PM	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9:00 PM	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10:00 PM	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00 PM	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	234.8	1.3	1.2	4.8	7.0	7.2	28.2	54.0	66.7	36.5	20.0	6.2	2.3	1.5

Percentile Speeds (mph)
 10% 35.2
 15% 37.6
 50% 46.2
 85% 53.7
 90% 56.1

10 mph Pace Speed
 Number in Pace
 40.3 - 50.3
 283 (52.5%)

Average
 Minimum 45.5 mph
 Maximum 6.4 mph
 77.0 mph

Speeds Exceeded
 Count

45 mph	303
55 mph	66
65 mph	8
1.5 %	8

mph	Study Grand Totals													
	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
A>B	779	2	1	6	11	11	36	82	74	38	14	3	1	0
B<A	260	2	2	5	5	6	27	40	79	46	29	12	4	3
Combined	539	4	3	11	16	17	63	122	153	84	43	15	5	3
		0.7%	0.6%	2.0%	3.0%	3.2%	11.7%	22.6%	28.4%	15.6%	8.0%	2.8%	0.9%	0.6%
		0.8%	0.8%	1.9%	1.9%	2.3%	10.4%	15.4%	30.4%	17.7%	11.2%	4.6%	1.5%	1.2%
		0.7%	0.4%	2.2%	3.9%	3.9%	12.9%	29.4%	26.5%	13.6%	5.0%	1.1%	0.4%	0.0%

Speed Grand Totals
Combined

mph	Hourly Averages											ADT	
	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65		65 - < 70
12:00 AM	0.0	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 AM	0.3	2.0	1.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6:00 AM	0.3	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00 AM	0.3	5.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8:00 AM	1.5	5.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9:00 AM	2.3	10.8	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10:00 AM	1.5	5.8	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00 AM	2.0	7.0	2.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12:00 PM	1.8	6.8	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 PM	2.0	9.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 PM	1.0	8.8	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 PM	1.5	8.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 PM	2.0	14.5	3.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 PM	1.5	12.3	3.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6:00 PM	2.3	17.5	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00 PM	1.0	9.0	3.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8:00 PM	1.5	6.3	4.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9:00 PM	1.8	5.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10:00 PM	1.5	4.8	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00 PM	1.8	4.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADT	231.3	33.0	146.0	50.8	3.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Percentile Speeds:
(mph)

10%	15%	50%	85%	90%
14.4	15.1	18.0	20.8	21.5

10 mph Pace Speed
Number in Pace

Average	18.0 mph
Minimum	7.9 mph
Maximum	30.4 mph

Speeds Exceeded
Count

45 mph	55 mph	65 mph
0.0 %	0.0 %	0.0 %
0	0	0

Study Grand Totals

mph	Study Grand Totals												
	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
A>B	52	299	127	12	1	0	0	0	0	0	0	0	0
B>A	82	292	79	1	0	0	0	0	0	0	0	0	0
Combined	134	591	206	13	1	0	0	0	0	0	0	0	0
	14.2%	62.5%	21.8%	1.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Speed Grand Totals
Combined

mph	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
12:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0
1:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0
4:00 AM	0.0	0.0	0.0	0.0	0.0	0.5	0.8	0.0	0.5	0.3	0.0	0.0	0.0
5:00 AM	0.0	0.0	0.0	0.0	0.3	1.8	1.5	1.8	1.3	1.0	0.3	0.3	0.0
6:00 AM	0.0	0.0	0.0	0.0	0.5	1.8	0.5	2.0	0.8	0.5	0.0	0.0	0.0
7:00 AM	0.0	0.3	1.0	0.0	0.8	2.8	2.3	6.0	3.0	0.0	0.0	0.0	0.0
8:00 AM	0.3	0.0	0.0	0.0	2.0	0.8	2.5	3.3	2.0	1.3	0.3	0.0	0.0
9:00 AM	0.3	0.5	0.0	0.5	1.0	2.5	2.3	2.0	1.0	0.3	0.0	0.0	0.0
10:00 AM	0.0	0.0	0.3	0.3	1.5	2.3	2.5	2.0	1.3	0.3	0.3	0.0	0.0
11:00 AM	0.0	0.0	0.0	0.0	1.8	2.5	3.0	4.8	1.5	0.8	0.5	0.0	0.0
12:00 PM	0.5	0.3	0.0	0.5	0.8	3.0	2.3	3.8	1.3	1.3	0.0	0.5	0.0
1:00 PM	0.0	0.0	0.0	0.3	1.5	1.8	2.8	4.5	2.3	0.5	0.3	0.3	0.0
2:00 PM	0.0	0.0	0.0	0.5	0.8	1.8	2.3	3.3	4.8	0.8	0.3	0.3	0.0
3:00 PM	0.0	0.0	0.3	0.3	1.8	3.8	6.0	5.5	5.0	1.3	0.3	0.3	0.0
4:00 PM	0.3	0.3	0.3	0.5	1.3	3.3	6.5	4.5	3.0	2.0	0.3	0.0	0.0
5:00 PM	0.0	0.3	0.0	0.5	2.0	2.0	4.8	5.0	3.5	0.8	0.5	0.0	0.5
6:00 PM	0.3	0.0	0.3	0.0	1.5	4.0	2.8	3.0	2.8	1.0	0.0	0.3	0.0
7:00 PM	0.0	0.0	0.0	0.0	0.5	0.5	1.3	3.3	0.8	0.8	0.0	0.0	0.3
8:00 PM	0.3	0.0	0.0	0.3	0.3	0.8	2.8	1.5	2.8	0.8	0.0	0.0	0.5
9:00 PM	0.0	0.2	0.0	0.0	1.0	0.5	1.3	1.0	1.3	0.5	0.0	0.0	0.0
10:00 PM	0.0	0.0	0.3	0.0	0.3	0.3	0.3	0.5	0.8	0.8	0.5	0.0	0.5
11:00 PM	0.0	0.0	0.0	0.0	0.5	0.0	0.3	0.3	0.8	0.0	0.3	0.0	0.0
ADT	1.8	2.5	2.8	4.8	20.8	36.8	49.5	58.0	39.5	14.5	3.8	2.0	2.0

Percentile Speeds
(mph) 10% 15% 50% 85% 90%
33.6 35.6 45.0 52.4 54.5

10 mph Pace Speed
Number in Pace 42.0 - 52.0
446 (46.8%)
Average Minimum Maximum
44.3 mph 6.6 mph 90.8 mph

Speeds Exceed
Count 45 mph 55 mph 65 mph
50.2% 9.3% 1.7%
479 89 16

mph	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
A>B	5	5	5	4	26	67	88	133	90	41	8	3	2
B>A	2	5	6	15	57	80	110	99	68	17	7	5	6
Combined	7	10	11	19	83	147	198	232	158	58	15	8	8
	0.7%	1.0%	1.2%	2.0%	8.7%	15.4%	20.8%	24.3%	16.6%	6.1%	1.6%	0.8%	0.8%

Study Grand Totals

**LEWIS COUNTY PUBLIC WORKS
ENGINEERING AND TRAFFIC INVESTIGATION REPORT**

REASON FOR INVESTIGATION: Initiated by Traffic Engineer based on citizen concerns for safe travelling speeds on the roadway.

COUNTY ROAD: Shorey Road - 40098

IN THE MATTER OF: Assessing the appropriate speed limit for travel on Shorey Road

FINDINGS :

- a.) Current Speed Limit : [50] MPH
85% Prevailing Vehicle Speed : [45] MPH
Average Daily Traffic : [1755]
Truck percentage : [9%]
- b.) Physical Features: Shorey Road is a through road with a 50 mph speed limit section from M.P. 1.582 to the termination of the road at Hwy 603 (M.P. 2.854). This section of the roadway is 24' wide with varying shoulders and has various grade changes with both vertical and horizontal curves. While these curves do meet AASHTO standards for sight distance the number of access points and high volume of traffic has raised concerns about the appropriate speed limit. There has also been a higher than average number of accidents on this roadway in past 10 years.
- c.) Accident Characteristics: In the last 10 years 12 injury accidents and 18 property damage accidents.
- d.) Remarks / Recommendations : Given the residential nature of the road, the varying geometrics and the number of accidents, it is my recommendation that the speed limit for the described portion of the road be lowered from 50 mph to 40 mph.



A handwritten signature in black ink, appearing to read "Erik Paul Martin", written over a horizontal line.

Erik Paul Martin
Maintenance and Traffic Engineer

A>B : South
 B<A : North
 MP : 2.654

Site: Shorey Rd
 Thursday, 12/12/2013 10:00 AM -
 Thursday, 12/19/2013 2:15 PM

Volume Grand Totals

Average Hourly Volumes

	A>B	B<A	Combined
12:00 AM	9.0	2.9	11.9
1:00 AM	4.3	2.1	6.4
2:00 AM	2.1	2.0	4.1
3:00 AM	2.7	4.7	7.4
4:00 AM	2.4	8.9	11.3
5:00 AM	1.3	25.7	28.0
6:00 AM	7.7	55.1	62.9
7:00 AM	18.0	90.6	108.6
8:00 AM	21.4	67.4	88.9
9:00 AM	30.6	62.6	93.1
10:00 AM	36.3	63.5	99.8
11:00 AM	48.9	57.5	106.4
12:00 PM	50.6	57.9	108.5
1:00 PM	57.6	53.5	111.1
2:00 PM	69.3	50.4	119.7
3:00 PM	39.9	58.9	148.7
4:00 PM	101.1	57.4	158.6
5:00 PM	105.6	52.4	156.0
6:00 PM	61.0	37.9	98.9
7:00 PM	49.4	22.6	72.0
8:00 PM	48.9	20.1	69.0
9:00 PM	34.0	11.6	45.6
10:00 PM	20.0	7.1	27.1
11:00 PM	12.4	4.3	16.7
Average Daily Traffic (ADT)	877.5	878.1	1755.6

Volume Totals

	A>B	B<A	Combined
	6336	6379	12715
	49.8 %	50.2 %	

A>B : South
 B<A : North
 MP : 2.654

Classification Grand Totals

Interval Start	Hourly Averages													
	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	11.9	0.0	7.4	4.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 AM	6.7	0.0	2.1	1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	4.1	0.0	2.1	1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	7.7	0.0	5.7	3.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	11.3	0.0	7.7	3.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	28.0	0.0	16.7	7.9	0.0	4.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6:00 AM	62.9	0.0	41.9	16.6	0.0	4.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00 AM	103.6	0.0	70.3	28.3	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8:00 AM	88.9	0.0	62.3	19.0	0.0	6.1	0.6	0.0	0.7	0.1	0.0	0.0	0.0	0.0
9:00 AM	93.1	0.0	62.7	21.7	0.0	6.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10:00 AM	99.8	0.0	66.1	22.9	0.0	9.4	0.3	0.0	1.0	0.0	0.1	0.0	0.0	0.0
11:00 AM	106.5	0.1	71.3	25.3	0.3	10.9	0.1	0.1	0.5	0.0	0.0	0.0	0.0	0.0
12:00 PM	111.1	0.0	72.4	24.9	0.3	10.6	0.1	0.0	0.9	0.0	0.0	0.0	0.0	0.0
1:00 PM	119.7	0.0	78.9	28.3	0.0	11.6	0.1	0.0	0.9	0.0	0.0	0.0	0.0	0.0
2:00 PM	137.7	0.0	91.7	31.0	0.0	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 PM	158.5	0.0	99.1	41.6	0.1	17.3	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
4:00 PM	156.0	0.0	100.2	38.2	0.1	16.4	0.1	0.0	0.7	0.0	0.0	0.0	0.0	0.0
5:00 PM	72.6	0.0	47.1	16.7	0.0	7.4	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
6:00 PM	98.9	0.0	68.0	22.9	0.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00 PM	69.0	0.0	47.1	16.0	0.0	5.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8:00 PM	45.6	0.0	31.5	10.4	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9:00 PM	27.1	0.0	20.1	5.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10:00 PM	16.7	0.0	11.2	3.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Daily Average	1755.6	0.7	1150.6	429.9	3.6	157.5	2.6	0.1	9.6	0.4	0.6	0.0	0.0	0.0

Study Grand Totals

Combined	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12715	5	8329	3110	26	1147	19	1	71	3	4	0	0	0	
A>B	6336	2	3777	1708	17	782	11	0	37	2	0	0	0	
B<A	6379	3	4552	1402	9	365	8	1	34	1	4	0	0	
		0.0%	71.4%	22.0%	0.1%	5.7%	0.1%	0.0%	0.5%	0.0%	0.1%	0.0%	0.0%	

A>B
 B<A
 MP : 2.654

Speed Grand Totals

mph	Hourly Averages										Combined		
	0- <15	15- <20	20- <25	25- <30	30- <35	35- <40	40- <45	45- <50	50- <55	55- <60		60- <65	65- <70
Total	11.9	0.0	0.3	0.3	2.4	3.6	1.3	0.9	0.4	0.0	0.0	0.0	0.0
12:00 AM	11.9	0.0	0.3	0.3	2.4	3.6	1.3	0.9	0.4	0.0	0.0	0.0	0.0
1:00 AM	4.1	0.0	0.0	0.3	0.3	1.3	1.3	0.9	0.1	0.0	0.0	0.0	0.0
2:00 AM	4.1	0.0	0.0	0.3	0.3	1.3	1.3	0.9	0.1	0.0	0.0	0.0	0.0
3:00 AM	11.3	0.0	0.3	0.7	3.6	2.9	2.3	1.1	0.3	0.0	0.1	0.0	0.0
4:00 AM	11.3	0.0	0.3	0.7	3.6	2.9	2.3	1.1	0.3	0.0	0.1	0.0	0.0
5:00 AM	28.9	0.3	1.0	4.3	13.9	26.7	14.4	2.0	0.3	0.0	0.0	0.0	0.0
6:00 AM	62.9	0.3	1.0	4.3	13.9	26.7	14.4	2.0	0.3	0.0	0.0	0.0	0.0
7:00 AM	63.6	0.3	1.0	4.3	13.9	26.7	14.4	2.0	0.3	0.0	0.0	0.0	0.0
8:00 AM	88.9	0.0	0.3	0.9	5.0	20.4	22.6	6.9	1.0	0.3	0.0	0.0	0.0
9:00 AM	99.8	0.1	0.3	1.3	8.0	22.9	24.4	8.1	1.5	0.3	0.1	0.0	0.0
10:00 AM	99.8	0.1	0.3	1.3	8.0	22.9	24.4	8.1	1.5	0.3	0.1	0.0	0.0
11:00 AM	108.5	0.0	0.1	0.3	5.0	20.3	34.1	13.3	4.8	0.4	0.0	0.0	0.0
12:00 PM	119.7	0.0	0.4	0.7	4.6	19.0	42.0	14.4	3.7	0.1	0.0	0.0	0.0
1:00 PM	119.7	0.0	0.4	0.7	4.6	19.0	42.0	14.4	3.7	0.1	0.0	0.0	0.0
2:00 PM	158.6	0.0	0.0	0.6	4.9	26.1	53.3	18.9	4.1	0.9	0.0	0.0	0.0
3:00 PM	158.6	0.0	0.0	0.6	4.9	26.1	53.3	18.9	4.1	0.9	0.0	0.0	0.0
4:00 PM	98.9	0.0	0.3	0.7	4.0	19.1	32.0	12.4	3.1	0.1	0.0	0.0	0.0
5:00 PM	98.9	0.0	0.3	0.7	4.0	19.1	32.0	12.4	3.1	0.1	0.0	0.0	0.0
6:00 PM	69.0	0.1	0.0	0.6	3.1	13.4	24.0	18.6	7.0	0.4	0.0	0.0	0.1
7:00 PM	27.1	0.0	0.1	0.4	0.9	5.3	7.0	8.1	4.3	0.9	0.1	0.0	0.0
8:00 PM	27.1	0.0	0.1	0.4	0.9	5.3	7.0	8.1	4.3	0.9	0.1	0.0	0.0
9:00 PM	1755.6	0.9	4.1	14.8	85.7	334.1	599.8	483.0	186.9	40.7	4.5	0.7	0.1
Daily Average	36.7 mph	10%	15%	10.8 mph	50%	70.2 mph	85%	33.6 - 43.6 mph	8035 vehicles (63.2 %)	55 mph	75 mph	65 -	70 -

mph	Hourly Averages										Combined		
	0- <15	15- <20	20- <25	25- <30	30- <35	35- <40	40- <45	45- <50	50- <55	55- <60		60- <65	65- <70
Total	12715	0.1 %	0.2 %	0.8 %	4.9 %	19.0 %	34.2 %	10.6 %	2.3 %	0.3 %	0.0 %	0.0 %	0.0 %
A>B	6336	0.0 %	0.2 %	0.7 %	3.0 %	12.1 %	30.1 %	16.6 %	4.2 %	0.5 %	0.0 %	0.0 %	0.0 %
B<A	6379	0.1 %	0.2 %	1.0 %	6.8 %	25.9 %	38.2 %	4.7 %	0.5 %	0.0 %	0.0 %	0.0 %	0.0 %

Collision Summary

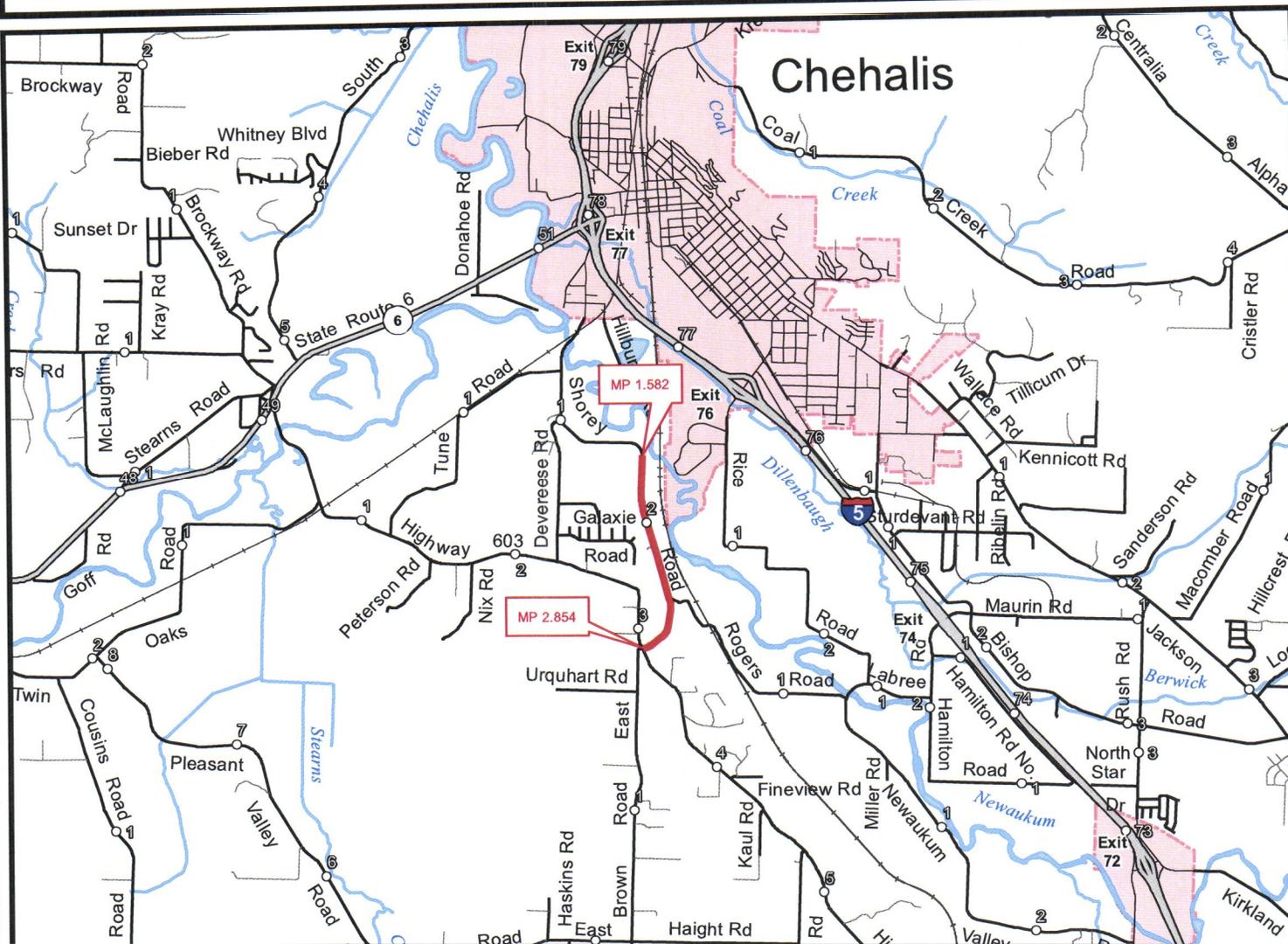
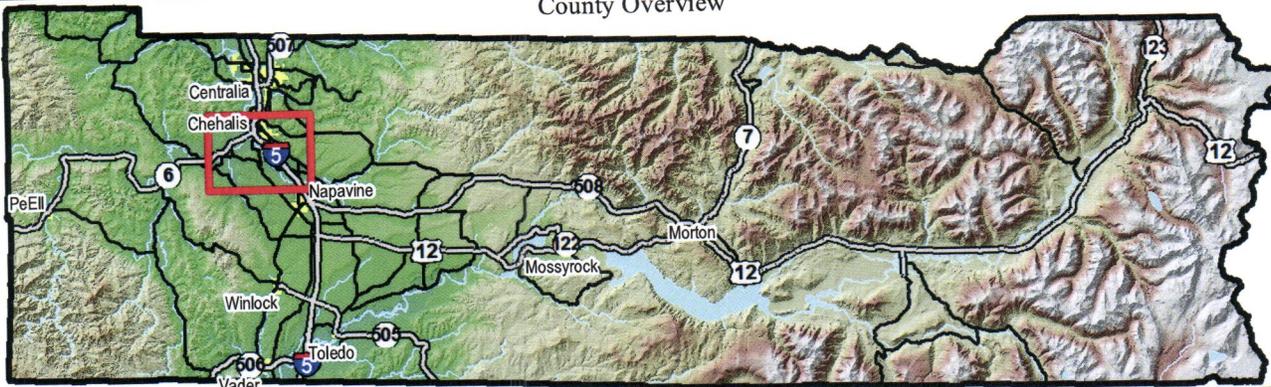
Rd #	MP	Rd Name	Report #	Date	ADT	Sev	Veh	#	Inj	Fatal	#	Collision Type	Unit 1 CC	Weather	Light
40098	1.074	SHOREY RD	1741202	01/09/04	506	1	1	0	0	0	0	Fixed object	Exceeding Reas. Safe Speed	Rainfall	Daylight
40098	1.574	SHOREY RD	1576305	02/17/05	506	1	1	0	0	0	0	Fixed object	Exceeding Reas. Safe Speed	Clear or Partly Cloudy	Daylight
40098	2.409	SHOREY RD	1740029	05/05/05	506	1	1	0	0	0	0	Fixed object	Under Influence of Drugs	Clear or Partly Cloudy	Dark-Street Lights Off
40098	1.474	SHOREY RD	1740168	07/22/05	506	2	1	1	0	0	0	Vehicle overturned	Exceeding Reas. Safe Speed	Clear or Partly Cloudy	Dark-No Street Lights
40098	0.974	SHOREY RD	2009520	10/11/05	506	2	3	1	0	0	0	One parked—one moving	Exceeding Reas. Safe Speed	Clear or Partly Cloudy	Daylight
40098	2.458	SHOREY RD	1741186	10/18/05	506	2	1	1	0	0	0	Non-domestic animal (deer/bear/elk/etc)	Exceeding Reas. Safe Speed	Clear or Partly Cloudy	Dark-No Street Lights
40098	1.074	SHOREY RD	1740061	10/20/05	506	2	1	1	0	0	0	Fixed object	Exceeding Stated Speed Limit	Overcast	Daylight
40098	1.174	SHOREY RD	1269375	12/12/05	506	2	1	3	0	0	0	Fixed object	Exceeding Reas. Safe Speed	Overcast	Dark-No Street Lights
40098	2.666	SHOREY RD	2340406	01/30/06	506	1	2	0	0	0	0	From same direction - both going straight - both moving - rear-end	Exceeding Reas. Safe Speed	Overcast	Daylight
40098	0.974	SHOREY RD	2293317	06/07/06	506	1	1	0	0	0	0	Fixed object	Apparently Asleep	Clear or Partly Cloudy	Daylight
40098	2.566	SHOREY RD	2385199	08/17/06	506	2	2	1	0	0	0	From same direction - one right turn - one straight	Follow Too Closely	Clear or Partly Cloudy	Daylight
40098	2.466	SHOREY RD	2574290	08/18/06	506	1	2	0	0	0	0	Entering at angle	None	Clear or Partly Cloudy	Daylight
40098	1.374	SHOREY RD	2563574	11/19/06	506	2	2	1	0	0	0	Fixed object	Under Influence of Alcohol	Clear or Partly Cloudy	Dark-Street Lights Off
40098	2.277	SHOREY RD	6878597	12/05/06	506	1	1	0	0	0	0	Non-domestic animal (deer/bear/elk/etc)	Overcast	Overcast	Dark-No Street Lights
40098	2.174	SHOREY RD	2563485	12/30/06	506	2	1	2	0	0	0	Fixed object	Exceeding Reas. Safe Speed	Clear or Partly Cloudy	Dark-No Street Lights
40098	0.974	SHOREY RD	2522006	01/11/07	506	2	1	1	0	0	0	Fixed object	Exceeding Reas. Safe Speed	Clear or Partly Cloudy	Dark-Street Lights On
40098	2.409	SHOREY RD	2522301	01/26/07	506	1	1	0	0	0	0	Non-domestic animal (deer/bear/elk/etc)	Exceeding Reas. Safe Speed	Overcast	Dark-No Street Lights
40098	1.374	SHOREY RD	2672796	04/01/07	506	1	1	0	0	0	0	Vehicle overturned	Driver Distractions Outside the Vehicle	Overcast	Daylight

01/27/2014

Collision Summary

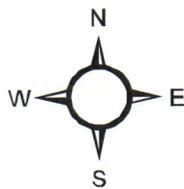
Rd #	MP	Rd Name	Report #	Date	ADT	Sev	# Veh	# Inj	# Fatal	Collision Type	Unit 1 CC	Weather	Light
40098	1.974	SHOREY RD	2815927	07/02/07	506	2	1	1	0	Non-domestic animal (deer/bear/etc)	Alcohol Inattention	Clear or Partly Cloudy	Daylight
40098	1.244	SHOREY RD	2522305	12/30/07	506	1	1	0	0	Fixed object	Exceeding Reas. Safe Speed	Unknown	Unknown
40098	2.366	SHOREY RD	E006885	08/15/08	506	1	1	0	0	Fixed object	Unknown Driver	Clear or Partly Cloudy	Daylight
40098	2.216	SHOREY RD	353085	01/04/09	506	2	1	3	0	Fixed object	Distraction	Snowing	Dusk
40098	1.274	SHOREY RD	2672352	02/10/09	506	1	1	0	0	Fixed object	Exceeding Reas. Safe Speed	Snowing	Daylight
40098	2.466	SHOREY RD	3124207	03/02/09	506	1	2	0	0	From same direction - all others	Improper Backing	Clear or Partly Cloudy	Daylight
40098	2.352	SHOREY RD	E016649	03/10/09	506	1	1	0	0	Vehicle strikes deer	None	Overcast	Dark-No Street Lights
40098	0.974	SHOREY RD	E061806	07/31/10	506	1	2	0	0	Entering at angle	Did Not Grant ROW to Vehicle	Clear or Partly Cloudy	Daylight
40098	2.200	SHOREY RD	E082557	12/09/10	506	1	1	0	0	Vehicle strikes deer	None	Raining	Dark-No Street Lights
40098	2.854	SHOREY RD	E097305	03/22/11	506	2	1	1	0	Vehicle overturned	Exceeding Reas. Safe Speed	Overcast	Daylight
40098	2.466	SHOREY RD	E105913	05/19/11	506	2	1	1	0	Fixed object	Inattention	Clear or Partly Cloudy	Daylight
40098	0.991	SHOREY RD	E136083	11/12/11	506	1	1	0	0	Fixed object	Exceeding Reas. Safe Speed	Clear or Partly Cloudy	Dawn
40098	1.905	SHOREY RD	E189240	08/29/12	506	1	1	0	0	Fixed object	None	Clear or Partly Cloudy	Daylight
40098	1.000	SHOREY RD	E233793	03/22/13	506	2	1	1	0	Fixed object	None	Overcast	Daylight

County Overview

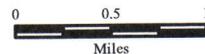


Shorey Road Vicinity - MP 1.582 to 2.854

Lewis County, Washington



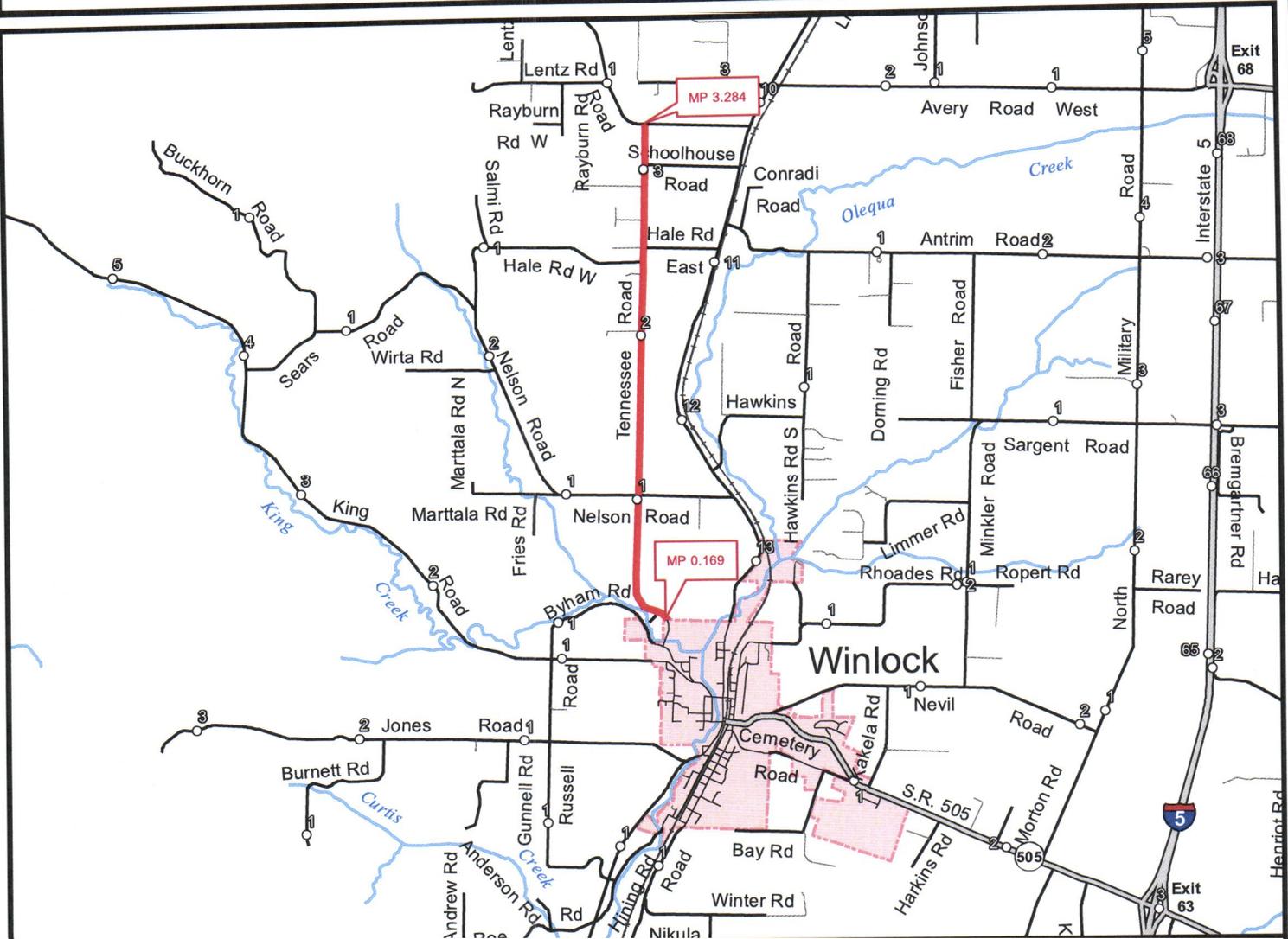
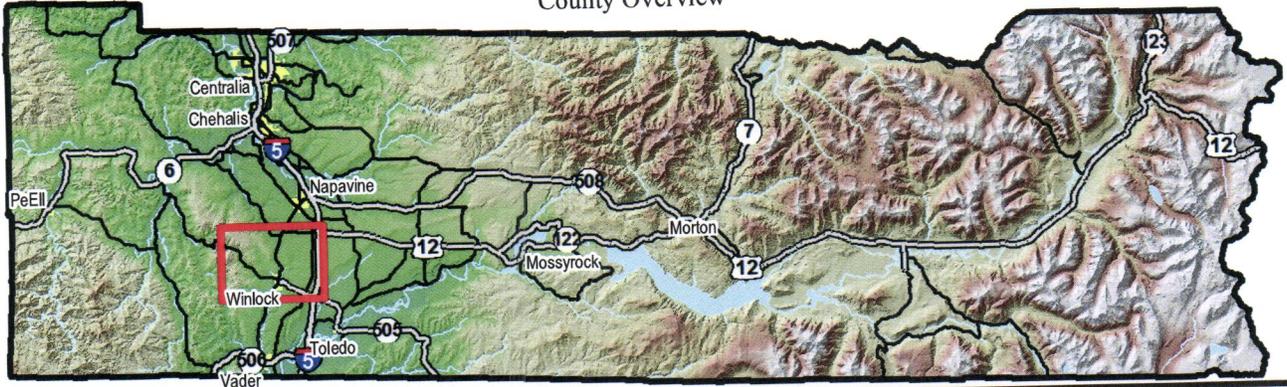
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- County Road
- City Street
- Private Road
- Area of Interest
- City Limits
- Milepost



Scale: 1 inch = 1 mile

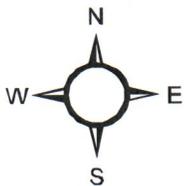
May 14, 2014

County Overview



Tennessee Road Vicinity

Lewis County, Washington



- ==== State Route
- County Road
- City Street
- Private Road
- Area of Interest
- City Limits
- Milepost



Scale: 1 inch = 1 mile

May 14, 2014