

Fifth Cross-Exhibit to Gary
Norris' Prefiled Direct
Testimony

MetroCount Traffic Executive
Speed Statistics

SpeedStat-274 -- English (ENU)

Datasets:

Site: [SR22-1] SR22 west of Barnhart rd
Attribute: yakima
Direction: 8 - East bound A>B, West bound B>A. Lane: 0
Survey Duration: 9:23 Wednesday, March 19, 2014 => 11:01 Thursday, March 20, 2014,
Zone:
File: SR22-120Mar2014.EC0 (Plus)
Identifier: Q111QMSZ MC56-L4 [MC55] (c)Microcom 19Sep03
Algorithm: Factory default axle (v4.05)
Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 9:24 Wednesday, March 19, 2014 => 11:01 Thursday, March 20, 2014 (1.06795)
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
Speed range: 6 - 99 mph.
Direction: North, East, South, West (bound), P = East
Separation: Headway > 0 sec, Span 0 - 328.084 ft
Name: Default Profile
Scheme: Vehicle classification (Scheme F2)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 1751 / 1827 (95.84%)

Speed Statistics

SpeedStat-274

Site: SR22-1.0.1EW
Description: SR22 west of Barnhart rd
Filter time: 9:24 Wednesday, March 19, 2014 => 11:01 Thursday, March 20, 2014
Scheme: Vehicle classification (Scheme F2)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12) Dir(NESW) Sp(6,99) Headway(>0) Span(0 - 328.084)

Vehicles = 1751
 Posted speed limit = 55 mph, Exceeding = 1524 (87.04%), Mean Exceeding = 63.75 mph
 Maximum = 91.0 mph, Minimum = 24.5 mph, Mean = 62.0 mph
 85% Speed = 68.7 mph, 95% Speed = 72.5 mph, Median = 62.0 mph
 10 mph Pace = 58 - 68, Number in Pace = 1011 (57.74%)
 Variance = 52.57, Standard Deviation = 7.25 mph

Speed Bins (Partial days)

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 5	0 0.0%	0 0.0%	1751 100.0%	0.00	0.00	0.00
5 - 10	0 0.0%	0 0.0%	1751 100.0%	0.00	0.00	0.00
10 - 15	0 0.0%	0 0.0%	1751 100.0%	0.00	0.00	0.00
15 - 20	0 0.0%	0 0.0%	1751 100.0%	0.00	0.00	0.00
20 - 25	1 0.1%	1 0.1%	1750 99.9%	0.00	0.00	0.00
25 - 30	3 0.2%	4 0.2%	1747 99.8%	0.00	0.00	0.00
30 - 35	2 0.1%	6 0.3%	1745 99.7%	0.00	0.00	0.00
35 - 40	10 0.6%	16 0.9%	1735 99.1%	0.00	0.00	0.00
40 - 45	26 1.5%	42 2.4%	1709 97.6%	0.00	0.00	0.00
45 - 50	33 1.9%	75 4.3%	1676 95.7%	0.00	0.00	0.00
50 - 55	152 8.7%	227 13.0%	1524 87.0%	0.00	0.00	0.00
55 - 60	401 22.9%	628 35.9%	1123 64.1%	0.00	0.00	0.00
60 - 65	577 33.0%	1205 68.8%	546 31.2%	0.00	0.00	0.00
65 - 70	363 20.7%	1568 89.5%	183 10.5%	0.00	0.00	0.00
70 - 75	130 7.4%	1698 97.0%	53 3.0%	0.00	0.00	0.00
75 - 80	35 2.0%	1733 99.0%	18 1.0%	0.00	0.00	0.00
80 - 85	12 0.7%	1745 99.7%	6 0.3%	0.00	0.00	0.00
85 - 90	4 0.2%	1749 99.9%	2 0.1%	0.00	0.00	0.00
90 - 95	2 0.1%	1751 100.0%	0 0.0%	0.00	0.00	0.00
95 - 100	0 0.0%	1751 100.0%	0 0.0%	0.00	0.00	0.00

Total Speed Rating = 0.00
 Total Moving Energy (Estimated) = 0.00

Speed limit fields (Partial days)

Limit	Below	Above
0 55 (PSL)	227 13.0%	1524 87.0%

MetroCount Traffic Executive
Speed Statistics

SpeedStat-275 -- English (ENU)

Datasets:

Site: [SR22-2] SR22 east of Barnhart rd
Attribute: yakima
Direction: 6 - West bound A>B, East bound B>A. Lane: 0
Survey Duration: 9:40 Wednesday, March 19, 2014 => 11:09 Thursday, March 20, 2014,
Zone:
File: SR22-220Mar2014.EC0 (Plus)
Identifier: P68659GK MC56-L4 [MC55] (c)Microcom 19Sep03
Algorithm: Factory default axle (v4.05)
Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 9:41 Wednesday, March 19, 2014 => 11:09 Thursday, March 20, 2014 (1.06132)
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
Speed range: 6 - 99 mph.
Direction: North, East, South, West (bound), P = East
Separation: Headway > 0 sec, Span 0 - 328.084 ft
Name: Default Profile
Scheme: Vehicle classification (Scheme F2)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 1738 / 1810 (96.02%)

Speed Statistics

SpeedStat-275

Site: SR22-2.0.1WE
Description: SR22 east of Barnhart rd
Filter time: 9:41 Wednesday, March 19, 2014 => 11:09 Thursday, March 20, 2014
Scheme: Vehicle classification (Scheme F2)
Filter: CIs(1 2 3 4 5 6 7 8 9 10 11 12) Dir(NESW) Sp(6,99) Headway(>0) Span(0 - 328.084)

Vehicles = 1738
 Posted speed limit = 55 mph, Exceeding = 1561 (89.82%), Mean Exceeding = 62.05 mph
 Maximum = 96.1 mph, Minimum = 15.3 mph, Mean = 61.0 mph
 85% Speed = 65.8 mph, 95% Speed = 70.7 mph, Median = 60.4 mph
 10 mph Pace = 55 - 65, Number in Pace = 1240 (71.35%)
 Variance = 34.40, Standard Deviation = 5.87 mph

Speed Bins (Partial days)

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 5	0 0.0%	0 0.0%	1738 100.0%	0.00	0.00	0.00
5 - 10	0 0.0%	0 0.0%	1738 100.0%	0.00	0.00	0.00
10 - 15	0 0.0%	0 0.0%	1738 100.0%	0.00	0.00	0.00
15 - 20	1 0.1%	1 0.1%	1737 99.9%	0.00	0.00	0.00
20 - 25	1 0.1%	2 0.1%	1736 99.9%	0.00	0.00	0.00
25 - 30	0 0.0%	2 0.1%	1736 99.9%	0.00	0.00	0.00
30 - 35	1 0.1%	3 0.2%	1735 99.8%	0.00	0.00	0.00
35 - 40	2 0.1%	5 0.3%	1733 99.7%	0.00	0.00	0.00
40 - 45	7 0.4%	12 0.7%	1726 99.3%	0.00	0.00	0.00
45 - 50	26 1.5%	38 2.2%	1700 97.8%	0.00	0.00	0.00
50 - 55	139 8.0%	177 10.2%	1561 89.8%	0.00	0.00	0.00
55 - 60	607 34.9%	784 45.1%	954 54.9%	0.00	0.00	0.00
60 - 65	626 36.0%	1410 81.1%	328 18.9%	0.00	0.00	0.00
65 - 70	217 12.5%	1627 93.6%	111 6.4%	0.00	0.00	0.00
70 - 75	75 4.3%	1702 97.9%	36 2.1%	0.00	0.00	0.00
75 - 80	27 1.6%	1729 99.5%	9 0.5%	0.00	0.00	0.00
80 - 85	6 0.3%	1735 99.8%	3 0.2%	0.00	0.00	0.00
85 - 90	0 0.0%	1735 99.8%	3 0.2%	0.00	0.00	0.00
90 - 95	2 0.1%	1737 99.9%	1 0.1%	0.00	0.00	0.00
95 - 100	1 0.1%	1738 100.0%	0 0.0%	0.00	0.00	0.00

Total Speed Rating = 0.00
 Total Moving Energy (Estimated) = 0.00

Speed limit fields (Partial days)

Limit	Below	Above
0 55 (PSL)	177 10.2%	1561 89.8%

MetroCount Traffic Executive
Speed Statistics

SpeedStat-277 -- English (ENU)

Datasets:

Site: [SR22-4] SR22 west of N Stevens rd
Attribute: yakima
Direction: 8 - East bound A>B, West bound B>A. Lane: 0
Survey Duration: 11:18 Wednesday, March 19, 2014 => 12:06 Thursday, March 20, 2014,
Zone:
File: SR22-420Mar2014.EC0 (Plus)
Identifier: Q070151F MC56-L4 [MC55] (c)Microcom 19Sep03
Algorithm: Factory default axle (v4.05)
Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 11:19 Wednesday, March 19, 2014 => 12:06 Thursday, March 20, 2014
(1.03306)
Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
Speed range: 6 - 99 mph.
Direction: North, East, South, West (bound), P = East
Separation: Headway > 0 sec, Span 0 - 328.084 ft
Name: Default Profile
Scheme: Vehicle classification (Scheme F2)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 6158 / 6374 (96.61%)

Speed Statistics

SpeedStat-277

Site: SR22-4.0.1EW
Description: SR22 west of N Stevens rd
Filter time: 11:19 Wednesday, March 19, 2014 => 12:06 Thursday, March 20, 2014
Scheme: Vehicle classification (Scheme F2)
Filter: Cls(1 2 3 4 5 6 7 8 9 10 11 12) Dir(NESW) Sp(6,99) Headway(>0) Span(0 - 328.084)

Vehicles = 6158
 Posted speed limit = 55 mph, Exceeding = 4568 (74.18%), Mean Exceeding = 65.00 mph
 Maximum = 98.8 mph, Minimum = 8.5 mph, Mean = 61.5 mph
 85% Speed = 71.1 mph, 95% Speed = 75.6 mph, Median = 59.9 mph
 10 mph Pace = 51 - 61, Number in Pace = 2787 (45.26%)
 Variance = 74.84, Standard Deviation = 8.65 mph

Speed Bins (Partial days)

Speed	Bin	Below	Above	Energy	vMult	n * vMult
0 - 5	0 0.0%	0 0.0%	6158 100.0%	0.00	0.00	0.00
5 - 10	1 0.0%	1 0.0%	6157 100.0%	0.00	0.00	0.00
10 - 15	1 0.0%	2 0.0%	6156 100.0%	0.00	0.00	0.00
15 - 20	1 0.0%	3 0.0%	6155 100.0%	0.00	0.00	0.00
20 - 25	1 0.0%	4 0.1%	6154 99.9%	0.00	0.00	0.00
25 - 30	1 0.0%	5 0.1%	6153 99.9%	0.00	0.00	0.00
30 - 35	1 0.0%	6 0.1%	6152 99.9%	0.00	0.00	0.00
35 - 40	12 0.2%	18 0.3%	6140 99.7%	0.00	0.00	0.00
40 - 45	51 0.8%	69 1.1%	6089 98.9%	0.00	0.00	0.00
45 - 50	279 4.5%	348 5.7%	5810 94.3%	0.00	0.00	0.00
50 - 55	1242 20.2%	1590 25.8%	4568 74.2%	0.00	0.00	0.00
55 - 60	1488 24.2%	3078 50.0%	3080 50.0%	0.00	0.00	0.00
60 - 65	831 13.5%	3909 63.5%	2249 36.5%	0.00	0.00	0.00
65 - 70	1075 17.5%	4984 80.9%	1174 19.1%	0.00	0.00	0.00
70 - 75	810 13.2%	5794 94.1%	364 5.9%	0.00	0.00	0.00
75 - 80	264 4.3%	6058 98.4%	100 1.6%	0.00	0.00	0.00
80 - 85	68 1.1%	6126 99.5%	32 0.5%	0.00	0.00	0.00
85 - 90	18 0.3%	6144 99.8%	14 0.2%	0.00	0.00	0.00
90 - 95	13 0.2%	6157 100.0%	1 0.0%	0.00	0.00	0.00
95 - 100	1 0.0%	6158 100.0%	0 0.0%	0.00	0.00	0.00

Total Speed Rating = 0.00
 Total Moving Energy (Estimated) = 0.00

Speed limit fields (Partial days)

Limit	Below	Above
0 55 (PSL)	1590 25.8%	4568 74.2%



Request for Public Records
 (RCW 42.56)

Name of Requester Quinn N. Plant		Phone Number 509.575.0313	Date 12/19/2014
Address 807 N. 39 th Ave.	City Yakima	State WA	Zip 98902
Requester Email qplant@mjbe.com			
<p>RCW 42.56.070 prohibits the Department of Transportation from releasing lists of individuals that are requested for commercial purposes.</p> <p>To assist us in answering your request accurately and promptly, please identify the records you wish to inspect by referring to a specific title, name, identification number and/or description. If copies are needed, please indicate which file(s) you would like copied. There may be a fee for copying.</p>			

Enter information you are requesting: I would like to request traffic counts and traffic count records for State Route 22 in Yakima County near Granger and Toppenish between Satus Longhouse Road (in the shoutheast) and SR 97 (in the northwest). I am looking for data that documents the volume of traffic along this section of SR 22. I am also requesting any records that document the speed of vehicles travelling along this sogmont of SR 22.

Thank you, don't hesitate to contact me with any questions or if you need clarification about this reuquest.

For Department Use Only		Tracking No.
Action Taken on Request		
Date Action Taken	Section/Office	Name of Person Taking the Action



Washington State
Department of Transportation
Lynn Peterson
Secretary of Transportation

WSDOT – South Central Region
2809 Rudkin Road
Union Gap, WA 98903

509-577-1606 / Fax 509-577-1603
TTY: 1-800-833-6388
www.wsdot.wa.gov

December 31, 2014

Quinn N. Plant
807 N. 39th Ave.
Yakima WA 98902

Dear Mr. Plant:

In response to your request for records (PDR-14-3440), dated December 19, 2014, enclosed are the records requested.

With this package, your request for records dated December 19, 2014 is complete and closed.

If you have any questions, you may contact me at 509-577-1718.

Sincerely,

A handwritten signature in cursive script that reads "Patti Thomas".

Patricia Thomas
SCR Public Disclosure Coordinator
South Central Region

Washington State Department of Transportation

AADT History Report

Traffic Data Mart

Compiled
 12/23/14

State Route 022 MAINLINE
 SR 82 TO SR 82/PROSSER

Roadway Feature(s)	Count Location	Traffic Compass Direction Description	Traffic Count Id	Count Source Date	AADT	Year
Milepost 4.00 A: RIGHT INTERSECTION SR 97	Leg 2 (After) 4.00 A	Bothways	HISTV6	08/06/12	5,221	2013
Milepost 4.29 A: RIGHT INTERSECTION CASEY RD	Leg 2 (After) 4.29 A	Bothways	HISTC6	08/20/12	4,882	2013
Milepost 4.60 A: BOTHWAYS INTERSECTION DIVISION RD						
Milepost 5.13 A: RIGHT INTERSECTION LARUE RD, LEFT INTERSECTION E LARUE RD						
Milepost 5.54 A: RIGHT INTERSECTION MEYERS RD, LEFT INTERSECTION N MEYERS RD						
Milepost 6.80 A: RIGHT INTERSECTION STEVENS RD, LEFT INTERSECTION N STEVENS RD						
Milepost 8.22 A: RIGHT INTERSECTION HARRIS RD, LEFT INTERSECTION N HARRIS RD						
Milepost 8.60 A: RIGHT INTERSECTION CHAMBERS RD, LEFT INTERSECTION SR 223	Leg 1 (Before) 8.60 A	Bothways	HISTV6	05/13/13	5,378	2013
Milepost 9.51 A: LEFT INTERSECTION S TRACK RD	Leg 2 (After) 8.60 A	Bothways	HISTC6	05/13/13	1,556	2013
Milepost 9.73 A: BEGIN BOTHWAYS BRIDGE MARION DRAIN						
Milepost 9.74 A: END BOTHWAYS BRIDGE MARION DRAIN						
Milepost 10.25 A: BEGIN BOTHWAYS BRIDGE TOPPENISH CREEK						
Milepost 10.26 A: END BOTHWAYS BRIDGE TOPPENISH CREEK						
Milepost 10.74 A: RIGHT INTERSECTION PLANK RD						
Milepost 11.33 A: LEFT INTERSECTION INDIAN CHURCH RD						
Milepost 12.77 A: LEFT INTERSECTION BARNHART RD						
Milepost 13.41 A: BEGIN BOTHWAYS BRIDGE DRAIN CANAL						
Milepost 13.42 A: END BOTHWAYS BRIDGE DRAIN CANAL						
Milepost 14.13 A: BEGIN BOTHWAYS BRIDGE DRAIN CANAL						

Roadway Feature(s)	Count Location	Traffic Compass Direction Description	Traffic Count Id	Count Source Date	AADT	Year
Milepost 14.14 A: END BOTHWAYS BRIDGE DRAIN CANAL						
Milepost 14.34 A: BEGIN BOTHWAYS BRIDGE SATUS CREEK						
Milepost 14.35 A: END BOTHWAYS BRIDGE SATUS CREEK						
Milepost 14.71 A: RIGHT INTERSECTION W SATUS RD						
Milepost 14.73 A: RIGHT INTERSECTION S SATUS RD, LEFT INTERSECTION SATUS LONGHOUSE RD						