

# 2007 KMPO Base Calibration **Travel Demand Model Update**

**Final Report** 

July 30 2009



## **Table of Contents**

intro	aucti	ion	1
1.0	1.1 1.2 1.3 1.4	PO Model Graphic User Interface (GUI)  KMPO GUI  KMPO GUI Input File Setting  KMPO GUI Output File  KMPO GUI Model Run Comments	2 3
2.0	AM/	PM Peak Hour Trip Generation Update	4
	2.1	Hotel Land Use	4
	2.2	Recreational Land Use	
	2.3 2.4	Outer Single Family Dwelling Unit Land Use	
	2.5	2007 AM Peak Hour Trip Generation Rate Update	
3.0	200	7 KMPO Land Use Update	6
	3.1	Land Use Assumptions	
	3.2	2007 Land Use Summary	6
4.0	200	7 KMPO Auto Network Enhancements	7
	4.1	Network Link/Node Delay Function Calibration	
	4.2	2007 External Trip Update	
	4.3	2007 Link Traffic Count Update	
5.0		PM Peak Hour Trip Generation	
	5.1	AM Peak Hour Trip Generation Validation	
	5.2	PM Peak Hour Trip Generation Validation	
6.0		PM Peak Hour Trip Distribution	
	6.1 6.2	Gravity Model ParametersGravity Model Calibration/Validation Results	
	_		
7.0	AM/	PM Peak Hour Traffic Assignments	19
8.0	AM/	PM Peak Hour Traffic Screenline Validation	19
9.0	Mod	del Limitations and Improvements	27

#### **List of Tables**

Table 1: Updated AM Peak Hour Trip Rates in 2007 KMPO AM Model	5
Table 2: Updated PM Peak Hour Trip Rates in 2007 KMPO PM Model	5
Table 3: 2007 KMPO Land Use Data Summary	
Table 4: 2007 AM/PM Peak Hour Counts at External TAZs	9
Table 5: 2007 AM Peak Hour External-External Through Traffic Volumes	10
Table 6: 2007 PM Peak Hour External-External Through Traffic Volumes	10
Table 7: 2007 AM Peak Hour Trip Generation Validation Results	11
Table 8: 2007 PM Peak Hour Trip Generation Validation Results	12
Table 9: 2007 KMPO Model Gravity Model Parameters	15
Table 10: 2007 AM and PM Peak Hour Average Trip Time (Minutes) - Model vs. Survey	16
Table 11: 2007 KMPO Model AM/PM Peak Hour Screenline Summary Results	20
List of Figures	
Figure 1: KMPO Model GUI	2
Figure 2: KMPO Model Link Volume-Delay Functions	7
Figure 3: 2007 KMPO Model Node Volume-Delay Functions (Assumed a Constant)	8
Figure 4: Home-Based Work Gravity Model Functions and Parameters	13
Figure 5: Home-Based Retail Gravity Model Functions and Parameters	14
Figure 6: Home-Based Other Gravity Model Functions and Parameters	14
Figure 7: Non-Home-Based Gravity Model Functions and Parameters	15
Figure 8: Home-Based Work Trip Distribution Calibration Results	
Figure 9: Home-Based Retail Trip Distribution Calibration Results	
Figure 10: Home-Based Other Trip Distribution Calibration Results	17
Figure 11: Non-Home Based Trip Distribution Calibration Results	18
Figure 12: 2007 KMPO VISUM Model AM Peak Hour Traffic Assignment Results	22
Figure 13: 2007 KMPO VISUM Model PM Peak Hour Traffic Assignment Results	23
Figure 14: 2007 KMPO VISUM Model PM Peak Hour Traffic Forecast Screenline Results	24
Figure 15: 2007 KMPO VISUM Model PM Peak Hour Traffic Forecast Screenline Results	25
Figure 16: 2007 KMPO Model AM Peak Hour Screenline Error Range	26
Figure 17: 2007 KMPO Model PM Peak Hour Screenline Error Range	26

## **Appendices - Attached**

Appendix 1A:	KMPOGUI.PY - KMPO Graphic User Interface Python script file	. A-2
Appendix 1B:	KMPO Project dir file.pdf - KMPO Project directory file that stores the model	. A-∠
Appendix 1C:	UpdateNodeLinkCapTWTL.par - A parameter file to update node/link capacity	. A-8
Appendix 1D:	KMPO-Model-AMPKHR.par - A parameter file for AM peak hour KMPO Model	. A-9
Appendix 1E:	KMPO-Model_PMPKHR.par - A parameter file for PM peak hour KMPO Model	A-10
Appendix 1F:	KMPO Model Run Script.py - A Python Script file to track AM/PM model runs	A-12
Appendix 1G:	2007 KMPO Model AM Peak Hour Screenline Validation Spreadsheets	A-16
Appendix 1H:	2007 KMPO Model PM Peak Hour Screenline Validation Spreadsheets	A-25

#### Introduction

In 2005, Kootenai County developed the 2005 KMPO (Kootenai Metropolitan Organization) Travel Demand Forecasting VISUM Model. The KMPO Model provides the existing 2005 AM and PM peak hour traffic forecasts and is used as a base model to project future AM and PM peak hour traffic in the Kootenai County-wide area.

No matter how well validated an existing travel demand forecasting model is, public agencies (or model owners) update the existing base year model every year or every other year or every five years depending on the land use growth and transportation improvements in the modeling area. This is because the traffic on streets changes due to the changes in land use and transportation system.

The 2007 KMPO model update is expected to revalidate the 2005 existing base year model to reflect the most current 2007 traffic conditions. In addition, during the previous 2005 KMPO model application some enhancements were found necessary to improve the 2007 KMPO model accuracies and forecasting capabilities.

Basic technical information about the 2005 KMPO VISUM model is provided in the "Kootenai County (KMPO) – 2005 Transportation Model Documentation." This report is focused on the 2007 KMPO travel demand model update, including enhancements.

Working with KMPO technical staff, HDR was consulted to provide the on-call modeling services on the 2007 KMPO model update, including enhancements, which are addressed in the following nine sections in this report:

- 1. KMPO Model Graphic User Interface (GUI)
- 2. AM/PM Peak Hour Trip Generation Update
- 3. 2007 KMPO Land Use Update
- 4. 2007 KMPO Auto Network Enhancements
- 5. AM/PM Peak Hour Trip Generation
- 6. AM/PM Peak Hour Trip Distribution
- 7. AM/PM Peak Hour Traffic Assignments
- 8. AM/PM Peak Hour Traffic Screenline Validation
- 9. Model Limitations and Improvements

More detailed technical specifications and model update descriptions are provided to assist the KMPO model users in their understanding of the model applications, data input and output, and validation results.

Attached appendices illustrate even more technical information related to the VISUM model script and parameter files, and the 2007 AM/PM peak hour detailed screenline validation spreadsheets.

## 1.0 KMPO Model Graphic User Interface (GUI)

#### 1.1 KMPO GUI

As shown in Figure 1, the KMPO Model GUI is designed to prepare input and output files for the AM and PM peak hour traffic forecasts in the Kootenai County area. As illustrated in Appendix 1A: KMPOGUI.Py is a Python script file to open the interface by clicking the file.

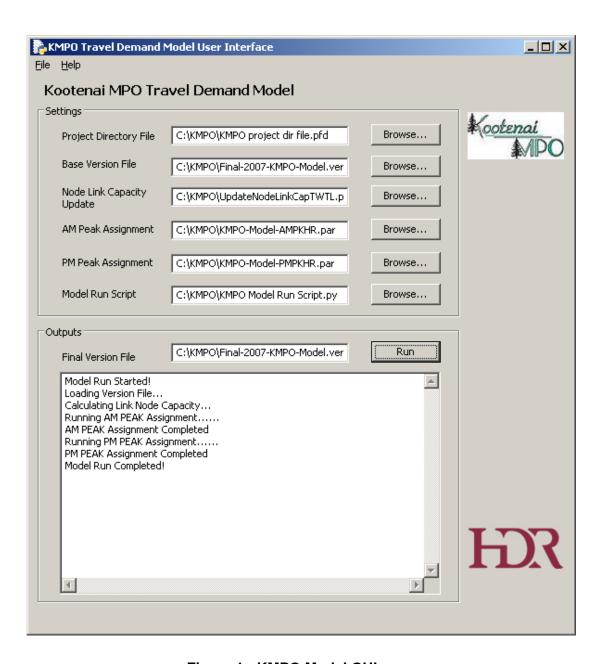


Figure 1: KMPO Model GUI

#### 1.2 KMPO GUI Input File Setting

Project directory – KMPO Project dir file.pfd (shown in Appendix 1B) is a VISUM project directory file, which specifies where the model runs.

Base Version – Base-2007-KMPO-Model.ver is a 2007 Base KMPO VISUM Model version file in the project directory.

Node Link Capacity Update – UpdateNodeLinkCapTWTL.par (shown in Appendix 1C) is a link and node capacity update parameter file.

AM Peak Assignment – KMPO-Model-AMPKHR.par (shown in Appendix 1D) is an AM peak hour model run parameter file that feeds the trip generation, trip distribution, and trip assignment model run.

PM Peak Assignment – KMPO-Model-PMPKHR.par (shown in Appendix 1E) is a PM peak hour model run parameter file that feeds the trip generation, trip distribution, and trip assignment model run.

Model Run Script – KMPO Model Run Script.py (shown in Appendix 1F) is a complete GUI Python file to report the model run comments and errors.

#### 1.3 KMPO GUI Output File

Final Version – Final-2007-KMPO-Model.ver is a final 2007 Base KMPO VISUM Model version file saved in the project directory after the complete AM/PM Peak Hour Model runs.

#### 1.4 KMPO GUI Model Run Comments

If the model is performing smoothly and correctly, the GUI comment area should display the comments as shown in Figure 1:

Model Run Started!

Loading Version File ....

Calculating Link Node Capacity ...

Running AM Peak Assignment .....

AM Peak Assignment Completed

Running PM Peak Assignment ......

PM Peak Assignment Completed

Model Run Completed!

Otherwise, there will be error or warning messages that will suggest where the running problems are for modelers to track.

Even if the model run is completed successfully without any error or warning message, it is only an indication that the trip generation, trip distribution and assignments for AM peak hour and PM peak hour are run. Modelers will still need to verify if the model results are reasonable by comparing the new model version with the old model version to evaluate changes in the results.

## 2.0 AM/PM Peak Hour Trip Generation Update

After reviewing the 2005 KMPO AM and PM peak hour trip generation rates in Table 9 and Table 10 of the "Kootenai County (KMPO) 2005 Transportation Model Documentation," respectively, HDR found three errors with respect to Hotel, Recreational, and Outer Single Family Dwelling Unit land use categories.

#### 2.1 Hotel Land Use

In the 2005 KMPO model, the Hotel land use is based on Rooms but the trip rates are based on Employees; therefore, both AM and PM peak hour trip generation rates are updated to reflect the trip rates per room in the 2007 KMPO model.

#### 2.2 Recreational Land Use

In the 2005 KMPO model, the Recreational trip generation rates should be based on occupied recreational spaces instead of recreational spaces; therefore, both AM and PM peak hour trip generation rates are updated to reflect the trip rates per occupied recreational space in the 2007 KMPO model.

#### 2.3 Outer Single Family Dwelling Unit Land Use

In the 2005 KMPO model, the Outer Single Family Dwelling Unit (SFDU) generation rates should be based on the occupied Outer SFDU instead of total SFDU; therefore, both AM and PM peak hour trip generation rates are updated to reflect the trip rates per occupied Outer SFDU in the 2007 KMPO model.

#### 2.4 2007 AM Peak Hour Trip Generation Rate Update

Table 1 shows the updated AM peak hour trip generation rates, which are applied in the 2007 KMPO AM Peak Hour Model Run.

## 2.5 2007 PM Peak Hour Trip Generation Rate Update

Table 2 shows the updated PM peak hour trip generation rates, which are applied in the 2007 KMPO PM Peak Hour Model Run.

Table 1: Updated AM Peak Hour Trip Rates in 2007 KMPO AM Model

			Нош	Home to Work	Work to Home	k to ne	Home to Retail	e to ail	Retail to Home	il to ne	Home to Other	e to ier	Othe Fo	Other to Home	Non Home Based	Home sed		Total	
La	Land Uses	Units		Orig Dest Orig	Orig	Des t	Orig	Des t	Orig	Des Orig Des Orig Des Orig Des Orig Des Orig Des Orig Des t	Orig	Des t	Orig	Des t	Orig	Des t	Orig		Total
7	7 Hotel	Room	0.000	0.000 0.071 0.018	0.018	0.000	0.000	0.000	0.000	0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.202         0.202	0.000	0.061	0.054	0.000	0.287	0.071	0.358	0.202	0.560
∞	Recreation	Spaces	0.000	0.000 0.071 0.001	0.001	0.000	0.000	0.000	0.000	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.081 0.047 0.000 0.019 0.051 0.068 0.203	0.000	0.081	0.047	0.000	0.019	0.051	0.068	0.203	0.270
6	9 Outer SFDU	DU	0.029	0.000 0.000	0.000	0.003	0.006	0.000	0.000	0.003 0.006 0.000 0.000 0.002 0.043	0.043	0.00	0.000	0.019	0.00 0.000 0.019 0.006 0.003 0.084 0.026	0.003	0.084	0.026	0.110

Table 2: Updated PM Peak Hour Trip Rates in 2007 KMPO PM Model

			Hom	Home to Work	Work to Home	k to ne	Hom	Home to Retail	Reta Ho	Retail to Home	Hon	Home to Other	Othe Ho	Other to Home	Non Home Based	on Home Based		Total	
Land Uses Units Orig Dest Orig	Units Orig	Orig		Dest	Orig	Des t	Orig	Des t	Orig	Des Orig Des Total t	Orig	Des t	Orig	Des t	Orig	Des t	Orig	Des t	Total
Room 0.000		0.000		0.000 0.003 0.056	0.056	0.000	0.000	0.000	0.000	0.000 0.000 0.000 0.000 0.000 0.000 0.049 0.042 0.000 0.182 0.277 0.281 0.329	0.000	0.049	0.042	0.000	0.182	0.277	0.281	0.329	0.610
8 Recreation Spaces 0.000 0.002 0.041		0.000		0.002	0.041	0.000	0.000	0.000	0.000	0.000 0.000 0.000 0.000 0.000 0.000 0.131 0.142 0.000 0.020 0.054 0.203 0.187	0.000	0.131	0.142	0.000	0.020	0.054	0.203	0.187	0.390
Outer SEDU DU 0.004	0.004	0.004		0000 0000	0.00	0.065	0.035	0.00	0.000	0.065 0.035 0.000 0.000 0.057 0.084 0.000 0.155 0.012 0.038 0.135 0.315	0.084	0.00	0.00	0.155	0.012	0.038	0.135	0.315	0.450

## 3.0 2007 KMPO Land Use Update

Land use data are important inputs to travel demand forecasting models because land uses generate travel activities and demands. To make accurate travel demand forecasts, modelers should strive to verify the accuracies of land use data in the traffic analysis zones (TAZ). KMPO staff took several rounds of land use reviews and verifications with local jurisdictions to ensure there are not errors in the land use data by TAZ.

#### 3.1 Land Use Assumptions

In the 2005 KMPO model, sixteen land use categories were made based on NAICS codes. In the 2007 KMPO land use update, all of these land use categories are kept except for Land Use Category 12: Waterfront Units, which are actually included in LU Category 1: Single Family Units, for a total of fifteen land use categories.

#### 3.2 2007 Land Use Summary

After KMPO staff updated the 2007 land use by TAZ, a control total check was made to ensure that the primary residential dwelling units match the local census data. Table 3 shows the total 2007 land use data.

As shown in Table 3, the 2007 household number should be less than the sum of SFDU + MFDU + OUTER SFDU, which is 41,259 + 9,651 + 13,159 = 64,069 because of the vacancy factor. Assuming a 5% -10% vacancy rate in the KMPO area, the residential total households should account for a range of 57,660 and 60,860. Since the 2005 Spokane/Kootenai County Regional Travel Survey reports 52,345 households in the KMPO area in 2003 (Table 4 of Page iii), a growth rate range of 10%-16% is assumed to occur between 2003 and 2007. This four-year residential growth rate range is a reasonable assumption.

Table 3: 2007 KMPO Land Use Data Summary

	Total Units in	Units of
Land Use Type	KMPO Area	Measurement
LU1: SFDU (Single Family Dwelling Units)	41,259	Dwelling Units
LU2: MFDU (Multi-Family Dwelling Units)	9,651	Dwelling Units
LU3: Retail	13,221	Employees
LU4: Commercial (FIRES)	11,197	Employees
LU5: Industrial	6,287	Employees
LU6: Schools	23,010	Students
LU7: Hotel	2,602	Rooms
LU8: Recreation	18,870	Spaces
LU9: Reserved for Outer Zone SFDU	13,159	Dwelling Units
LU10: Post Secondary Schools	10,508	Students
LU11: Agriculture	350,692	Acres
LU12: Waterfront Units	Not Used	Dwelling Units
LU13: Publicly owned lands	304,993	Acres
LU14: Utilities plus transportation	8,879	Employees
LU15: Medical	7,991	Employees
LU16: Government	3,062	Employees

Note: FIRES stands for Finance, Insurance, Real Estate and Services

#### 4.0 2007 KMPO Auto Network Enhancements

Between 2005 and 2007, several roadway improvement projects were made in the KMPO area. The 2007 roadway network should include these improvements to reflect what's on the ground in 2007. KMPO staff coded seven roundabouts in the 2007 KMPO model.

Another major network update is the centroid connector revisions. Centroid connectors are coded in travel demand models to emulate local driveways for vehicle trips to access and egress TAZ centroid. In the 2005 KMPO model, quite a few centroid connectors were directly connected to intersections, making 5-leg or 6-leg intersections in the model. Such an erroneous coding was corrected in the 2007 KMPO VISUM Model network.

#### 4.1 Network Link/Node Delay Function Calibration

After the 2007 auto network was enhanced, it was found that higher vehicle traffic was assigned to the state and interstate freeway facilities. There are two sources of overassigning traffic on freeway facilities: (1) the arterial and local street intersections experience higher than expected delays and thus result in freeways being more attractive to motorists; and (2) the freeway facilities are assumed higher speed or higher capacities.

Calibration was made to adjust freeway link delay functions by reducing the capacity by 25% (as shown in Figure 2, c=0.75) to simulate freeway delays more reasonably.

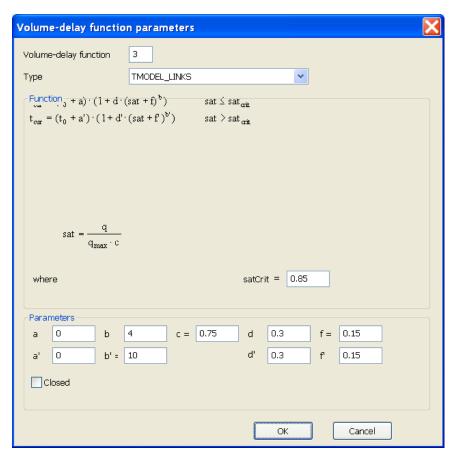


Figure 2: KMPO Model Link Volume-Delay Functions

Intersection node delay functions were also revised to be a constant as shown in Figure 3 below, to further calibrate the arterial and local street traffic turning volumes. At several freeway interchanges, 15-45 seconds of delay were assumed for some turns to reduce over-assignment of traffic entering or exiting freeway.

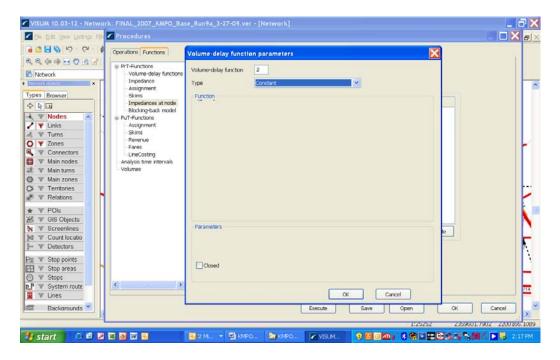


Figure 3: 2007 KMPO Model Node Volume-Delay Functions (Assumed a Constant)

## 4.2 2007 External Trip Update

In the 2007 KMPO model, the trips coming from and to external areas are not based on the land use data for trip generation but instead are based on the existing 2007 directional traffic counts at the external stations. Fifteen external stations (TAZ 576 – TAZ 591) were coded in the 2007 KMPO model to conceptually represent external TAZs.

Table 4 lists all of AM and PM peak hour directional traffic count data at each of the external TAZs. Note X-I stands for "from External to Internal" and vice versa.

Table 5 and Table 6 respectively list the 2007 AM and PM peak hour external-external through trips, which were also extracted from the external traffic counts and balanced as input to the 2007 KMPO model.

## 4.3 2007 Link Traffic Count Update

The 2007 AM and PM peak hour traffic counts were coded by KMPO staff in the KMPO model for the purpose of model validation. Regression analyses can be directly performed by using the model volumes to compare with the peak hour traffic counts.

Counts for other time periods were also coded by KMPO staff, such as: AM Peak Period (6 AM - 9 AM), Mid-day Period (9 AM - 3 PM), PM Peak Period (3 PM - 6 PM), Night Period (6 PM - 6 AM), and 24-Hour Daily Period (6 AM - 6 AM), which will be used to verify the daily volume forecasts.

Table 4: 2007 AM/PM Peak Hour Counts at External TAZs

TAZ No	2007 KMPO Model Count Locations	XI-Counts-AM	IX-Counts-AM	XI-Counts-PM	IX-Counts-PM
576	State Hwy. 41 - N. County Line	236	133	154	268
577	US 95 - N. County Line	298	275	342	409
578	Bayview Road - N. County Line	17	6	17	19
580	E. Canyon Rad - E. County Line	5	16	15	8
581	I-90 - E. County Line	279	400	486	521
582	Future	0	0	0	0
583	State Hwy. 3 - S. County Line	75	131	125	108
584	Heyburn Rd S. County Line	15	8	15	22
585	US 95 - S. County Line	175	202	248	251
586	W. Worley West Rd W. County Line	2	1	3	3
587	State Hwy. 58 (E. Hoxie Rd.) - W. County Line	79	57	89	135
588	W. Riverview Drive - W. County Line	77	94	110	90
589	I-90 - W. County Line	1413	2147	2440	1910
590	Seltice Way - W. County Line	136	191	300	257
591	State Hwy. 53 (Trent Ave.) - W. County Line	171	459	380	289
	Total Counts	2978	4120	4724	4290



Table 5: 2007 AM Peak Hour External-External Through Traffic Volumes

Zones			576	577	578	580	581	582	583	584	585	586	587	588	589	590	591
	Name	395.5	State H	US 95 -	Bayviev	E. Cany	I-90 - E.	Future	State H	Heyburr	US 95 -	W. Wor	State HvW	/.Rive	I-90 - W	Seltice	State H
	396.1	Desirable	12.8	26.4	0.6	1.5	38.4	0.0	12.6	0.8	19.4	0.1	5.5	9.0	206.1	18.3	44.1
576	State Hwy. 41 - N. County Line	31.4	0.0	0.1	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	31.0	0.1	0.2
577	US 95 - N. County Line	39.6	0.1	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.1	0.0	0.0	0.1	39.3	0.1	0.3
578	Bayview Road - N. County Line	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0
580	E. Canyon Rad - E. County Line	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
581	I-90 - E. County Line	37.1	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	36.8	0.1	0.3
582	Future	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	0.0	0.0
583	State Hwy. 3 - S. County Line	10.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0	0.1
584	Heyburn Rd S. County Line	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
585	US 95 - S. County Line	23.3	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.1	0.2
586	W. Worley West Rd W. County Line	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	0.3	0.0	0.0
	State Hwy. 58 (E. Hoxie Rd.) - W. County Line	10.5	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0		0.0	10.4	0.0	0.1
588	W. Riverview Drive - W. County Line	10.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	0.0	0.1
589	I-90 - W. County Line	187.9	12.4	25.7	0.6	1.5	37.3	0.0	12.2	0.7	18.8	0.1	5.3	8.7	0.0	17.8	42.7
	Seltice Way - W. County Line	18.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	17.9	0.0	-
591	State Hwy. 53 (Trent Ave.) - W. County Line	22.7	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	22.6	0.1	0.0

Table 6: 2007 PM Peak Hour External-External Through Traffic Volumes

Zones		576	577	578	580	581	582			585	586	587	588		590	
Name	750.8	State H	US 95 -	Bayview	E. Cany	I-90 - E.	Future	State H	Heyburr	US 95 -	W. Wor	State H	W. Rive	I-90 - W	Seltice '	State H
751.1	Desirable	46.9	71.6	3.3	1.4	91.2	0.0	18.9	3.9	43.9	0.5	23.6	15.8	334.3	45.0	50.6
576 State Hwy. 41 - N. County Line	24.5	0.0	0.4	0.0	0.0	0.5	0.0	0.1	0.0	0.2	0.0	0.1	0.1	22.5	0.3	0.3
577 US 95 - N. County Line	54.4	0.6	0.0	0.0	0.0	1.1	0.0	0.2	0.0	0.5	0.0	0.3	0.2	50.2	0.6	0.6
578 Bayview Road - N. County Line	2.7	0.0	0.0	0.0	0.0	0.1	0.0		0.0	0.0	0.0		0.0	2.5	0.0	
580 E. Canyon Rad - E. County Line	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0
581 I-90 - E. County Line	77.3	0.8	1.3	0.1	0.0	0.0	0.0	0.3	0.1	0.8	0.0	0.4	0.3	71.7	0.8	
582 Future	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	0.0	0.0
583 State Hwy. 3 - S. County Line	19.9	0.2	0.3	0.0	0.0	0.4	0.0	0.0	0.0	0.2	0.0	0.1	0.1	18.1	0.2	0.2
584 Heyburn Rd S. County Line	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0
585 US 95 - S. County Line	39.4	0.4	0.6	0.0	0.0	0.8	0.0	0.2	0.0	0.0	0.0	0.2	0.1	36.2	0.4	0.5
586 W. Worley West Rd W. County Line	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	0.4	0.0	0.0
587 State Hwy. 58 (E. Hoxie Rd.) - W. County Line	14.2	0.1	0.2	0.0	0.0	0.3	0.0	0.1	0.0	0.1	0.0	0.0	0.1	12.9	0.1	0.2
588 W. Riverview Drive - W. County Line	17.5	0.2	0.3	0.0	0.0	0.4	0.0	0.1	0.0	0.2	0.0	0.1	0.0	16.0	0.2	0.2
589 I-90 - W. County Line	388.0	43.3	66.5	3.1	1.3	85.2	0.0	17.4	3.5	40.7	0.5	21.8	14.5	0.0	41.7	47.1
590 Seltice Way - W. County Line	47.7	0.5	0.8	0.0	0.0	1.0	0.0	0.2	0.0	0.5	0.0	0.3	0.2	43.8	0.0	0.6
591 State Hwy. 53 (Trent Ave.) - W. County Line	60.4	0.6	1.0	0.0	0.0	1.3	0.0	0.3	0.1	0.6	0.0	0.3	0.2	55.6	0.6	0.0

## 5.0 AM/PM Peak Hour Trip Generation

The KMPO VISUM model trip generation is categorized by four primary trip purposes. After the AM and PM peak hour trip generation model is run, the total KMPO region-wide trip productions and attractions are summarized to compare with the expanded travel survey samples reported in the "Spokane and Kootenai County Regional Travel Survey Final Report."

#### 5.1 AM Peak Hour Trip Generation Validation

Table 7 lists the 2007 AM peak hour trip generation model results compared with the AM 3 hours (6 AM - 9 AM) expanded sample trips and AM peak hour (7 AM - 8 AM) expanded sample trips.

The AM peak hour model results show reasonable comparison with the survey results as the modeled vehicle trips include external inbound, outbound, and through trips. The 2007 AM peak hour modeled externally related trips are totaled 2,978 (Table 4) - 396 (Table 5) = 2,582 while the difference between model trips and surveyed trips is about 2,582. Since the surveyed trips only include the KMPO households, the modeled trips are about 11% higher than the expanded survey trips.

TRIP PURPOSE	AM-Period Expanded Survey Trips	AM Peak Hour Surveyed Vehicle Trips	AM Peak Hour Model Vehicle Trips	AM Peak Hour Model/Survey % Difference
Home Based Work	19,123	8,946	9,411	5.2%
Home Based Retail	4,696	1,307	1,488	13.9%
Home Based Other	38,041	8,698	10,247	17.8%
Non-Home Based	17,694	5,285	5,672	7.3%
Total	79,554	24,236	26,818	10.6%

Table 7: 2007 AM Peak Hour Trip Generation Validation Results

#### 5.2 PM Peak Hour Trip Generation Validation

Table 8 lists the 2007 PM peak hour trip generation model results compared with the PM 3 hours (3 PM - 6 PM) expanded sample trips and PM peak hour (5 PM - 6 PM) expanded sample trips.

The PM peak hour model results show reasonable comparison with the survey results as the modeled vehicle trips include external inbound, outbound and through trips. The 2007 PM peak hour externally related trips are totaled 4724 - 751 = 3,973 while the difference between model trips and surveyed trips is about 3,976. Since the surveyed trips only

include the KMPO households, the PM peak hour modeled trips are about 12% higher than the expanded survey trips.

Table 8: 2007 PM Peak Hour Trip Generation Validation Results

TRIP PURPOSE	PM-Period Expanded Survey Trips	PM Peak Hour Surveyed Vehicle Trips	PM Peak Hour Model Vehicle Trips	PM Peak Hour Model/Survey % Difference
Home Based Work	13,406	5,805	6,400	10.3%
Home Based Retail	19,463	5,328	6,123	14.9%
Home Based Other	49,406	11,722	13,312	13.6%
Non-Home Based	43,826	9,924	10,919	10.0%
Total	126,101	32,778	36,754	12.1%

## 6.0 AM/PM Peak Hour Trip Distribution

The KMPO VISUM model trip distributions by four primary trip purposes are based on Gravity Model functions. The a, b, and c parameters in the Gravity Model functions are re-calibrated in the 2007 KMPO model to fit the trip length distribution patterns in terms of frequencies and average travel times reported in the "Spokane and Kootenai County Regional Travel Survey Final Report."

#### 6.1 Gravity Model Parameters

Figure 4 displays the home-based work gravity model function parameters and other trip distribution characteristics, such as: direction of the trip distribution balance to production; doubly constrained balancing by Multi procedure; multi-parameters with maximum number of iterations being 10 and quality factor being 3.

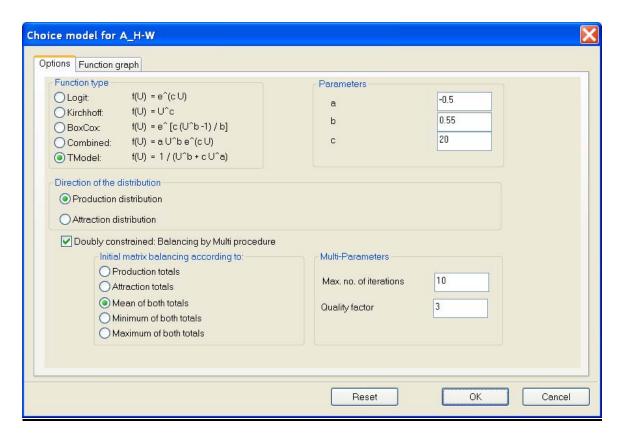


Figure 4: Home-Based Work Gravity Model Functions and Parameters

Figure 5 displays the Home-Based Retail gravity model function parameters and other trip distribution characteristics discussed above.

Figure 6 displays the Home-Based Other gravity model function parameters and other trip distribution characteristics.

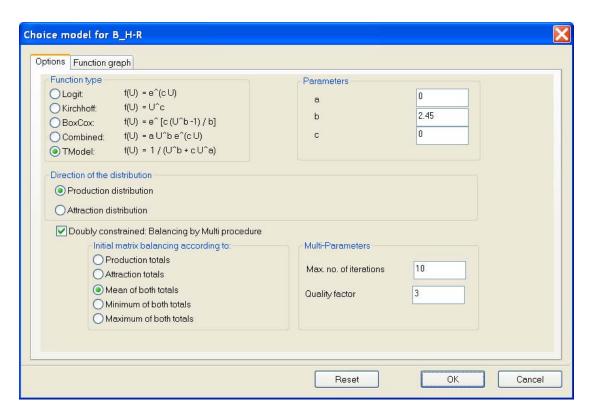


Figure 5: Home-Based Retail Gravity Model Functions and Parameters

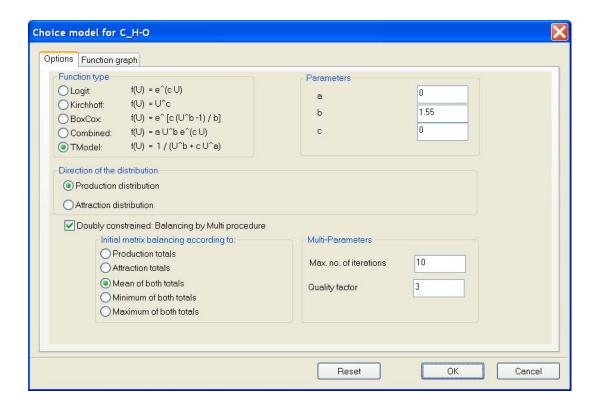


Figure 6: Home-Based Other Gravity Model Functions and Parameters

Figure 7 displays the Non-Home-Based gravity model function parameters and other trip distribution characteristics.

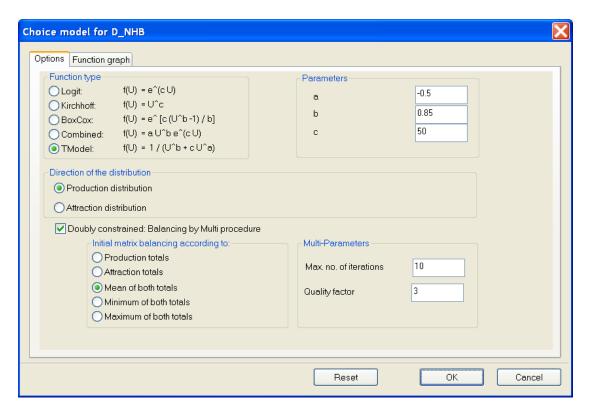


Figure 7: Non-Home-Based Gravity Model Functions and Parameters

The trip distribution utility parameters are summarized in Table 9 below:

Table 9: 2007 KMPO Model Gravity Model Parameters

	Trip Dist	ribution l	Parameter
Trip Purpose	а	b	С
HB-Work	-0.50	0.55	20.00
HB-Retail	0.00	2.45	0.00
HB-Other	0.00	1.55	0.00
Non-Home			
Based	-0.50	0.85	50.00

## 6.2 Gravity Model Calibration/Validation Results

Compared with the Gravity Model Parameters (as shown in Table 11 of the 2005 KMPO Model Documentation) in the 2005 KMPO model, the 2007 KMPO model has quite different parameters. This is because the 2007 KMPO model has the trip distributions calibrated to the 2005 regional travel survey by trip purpose.

As shown in Table 10, the average model trip time roughly matches the average survey travel time for overall KMPO region-wide, despite some average travel time variations by trip purposes.

Table 10: 2007 AM and PM Peak Hour Average Trip Time (Minutes) – Model vs. Survey

	Survey	Model AM		Model PM	
Trip Purpose	TT	TT	AM %diff	TT	PM %diff
HBW	20	16	-20.9%	17	-15.0%
HBR	15	16	7.5%	15	-2.1%
HBO	18	19	8.7%	16	-6.6%
NHB	16	16	-0.1%	16	-2.2%
Average TT	17	17	1.0%	16	-5.7%

As shown in Figure 8, the Home-Based Work trip length frequency distribution for AM and PM both demonstrate similar patterns to the survey-reported trip length frequency patterns. So do the Home-Based Retail, Home-Based Other, and Non-Home Based trip distribution patterns as shown in Figures 9-11.

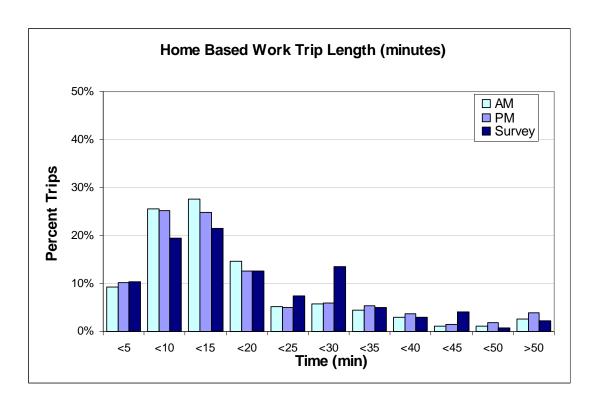


Figure 8: Home-Based Work Trip Distribution Calibration Results

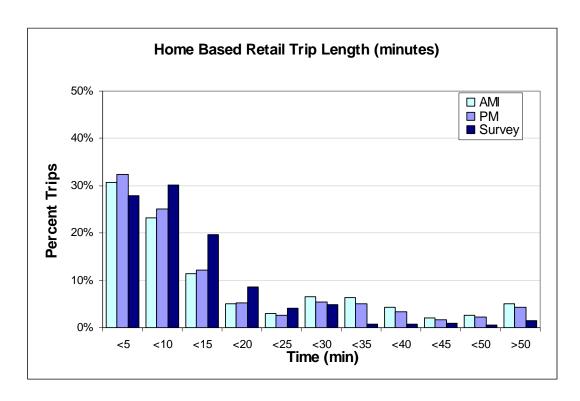


Figure 9: Home-Based Retail Trip Distribution Calibration Results

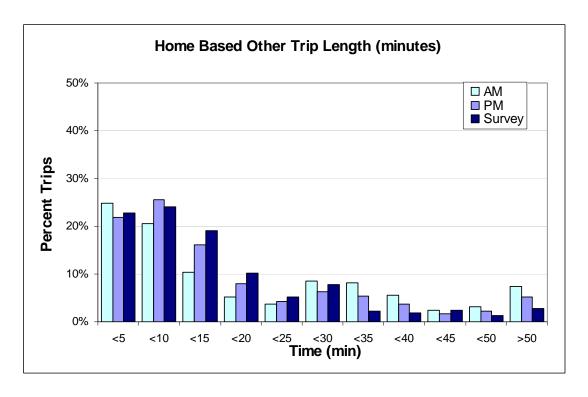


Figure 10: Home-Based Other Trip Distribution Calibration Results

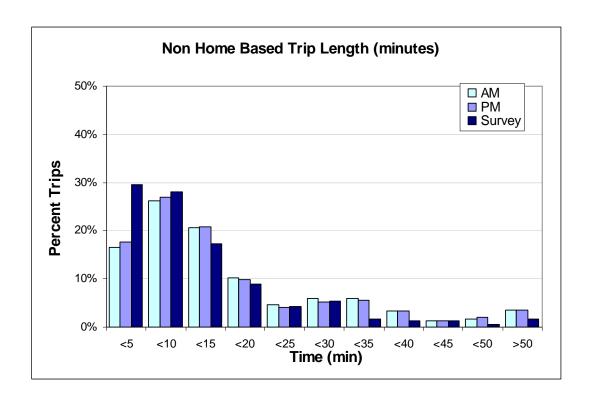


Figure 11: Non-Home Based Trip Distribution Calibration Results

## 7.0 AM/PM Peak Hour Traffic Assignments

The 2007 AM peak hour KMPO Model traffic assignments are displayed in Figure 12 and the 2007 PM peak hour KMPO Model traffic assignments are displayed in Figure 13.

The traffic assignment figures provide a snapshot of directional volume forecasts for the AM and PM peak hour in the urbanized KMPO area.

Since the directional traffic forecasts need to be evaluated for statistical accuracy and confidence, screenline validation analysis is performed for both AM and PM peak hour conditions. Appendix 1G and Appendix 1H show the 2007 KMPO Model AM/PM peak hour screenline spreadsheets, respectively.

#### 8.0 AM/PM Peak Hour Traffic Screenline Validation

As shown in Figure 14 and Figure 15, twenty-eight screenlines are drawn to display ratios of the 2007 KMPO model AM and PM peak hour traffic volume forecasts over their corresponding traffic counts. Table 11 shows the summary screenline results.

Table 11: 2007 KMPO Model AM/PM Peak Hour Screenline Summary Results

Screenline Location and No.	AM Peak Hour Model/Count Ratio	PM Peak Hour Model/Count Ratio
Spokane River Crossing Screenline #1	1.04	1.04
Seltice Screenline #2	1.14	1.29
Harrison Avenue Screenline #3	0.85	0.75
Appleway Ave/Best Screenline #4	0.99	1.03
Seltice/Mullan Rd/Kathleen Screenline #5	0.95	0.85
Poleline Rd Screenline #6	1.07	1.09
Prairie Rd. Screenline #7	1.08	1.05
Hayden Avenue Screenline #8	1.49	1.37
Lancaster Rd. Screenline #9	1.16	1.12
SH 53 – US 95 Screenline #10	0.93	0.89
Twin Lakes to National Forest Screenline #11	1.33	1.28
US 95 to SH 3 South Screenline #12	1.24	0.85
SH 93 to LaTour Creek Rd Screenline #13	1.43	1.60
Spirit Lake Pend'O Reille Screenline #14	1.04	0.96
Pleasant View Rd Screenline #15	0.89	0.95
McGuire Rd. Screenline #16	1.08	1.12
Chase Rd. Screenline #17	1.02	1.01
Spokane St. Screenline #18	0.88	0.83
Idaho St. Screenline #19	1.29	1.13
Greensferry Rd. Screenline #20	0.97	0.99
SH 41 Screenline #21	0.87	0.84
Huetter Rd. Screenline #22	1.18	1.37
Ramsey Rd. Screenline #23	0.96	0.92
US 95 Screenline #24	1.06	0.88
West Side KMPO Screenline #25	0.93	0.94
East Side KMPO Screenline #26	1.39	1.39
Government Way Screenline #27	1.05	0.89
I-90 Ramps Screenline #28	1.18	1.13
Overall Screenline	1.05	1.00



The closer the model/count ratios by screenlines approach 1.00, the better matches the screenline traffic volumes are compared with the traffic counts. The Federal Highway Administration (FHWA) developed a maximum allowable screenline validation error range and formula as shown below:

#### % Allowable Deviation per TMIP FHA

For volumes less than 100,000: Tol (%) =  $1/100 * [(-0.00005*(V)^3 + 0.013*(V)^2 - 1.1822*(V) + 65.465)]$  For over 100,000: Tol (%) =  $2.1783*(V)^-0.4784$  Where V is volume in thousands

By using the formula, the screenlines can be evaluated to see if they meet the percent allowable deviation ranges. Figure 16 and Figure 17 display the screenline validations against FHWA Maximum Allowable Error Range (Source: **Figure 7-2 Maximum Desirable Deviation in Total Screenline Volumes** in the *Model Validation and Reasonableness Checking Manual* published by FHWA Travel Model Improvement Program).

By the FHWA standards, the 2007 KMPO Model is validated for both AM peak hour and PM peak hour, and can be used to build future year travel demand models in KMPO areas.

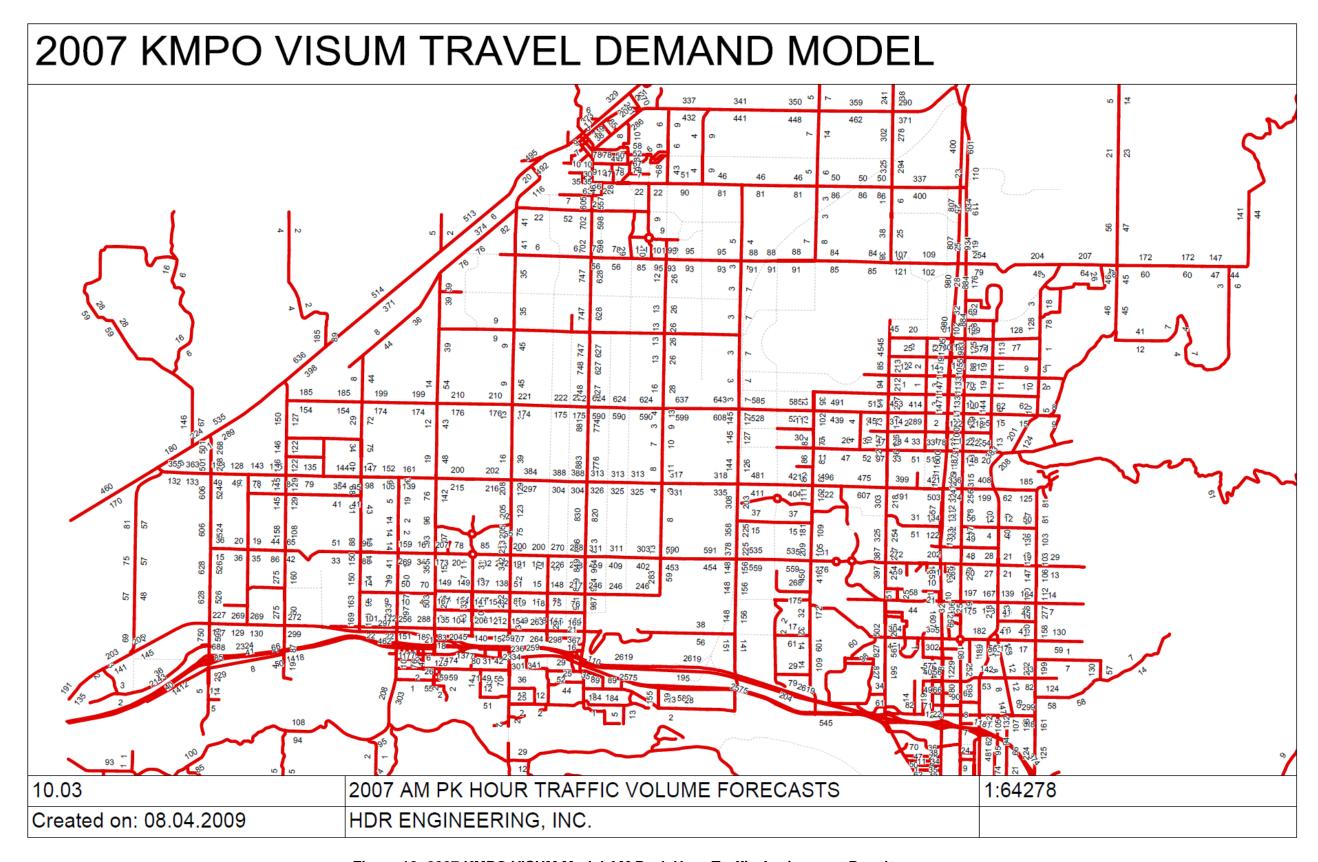


Figure 12: 2007 KMPO VISUM Model AM Peak Hour Traffic Assignment Results

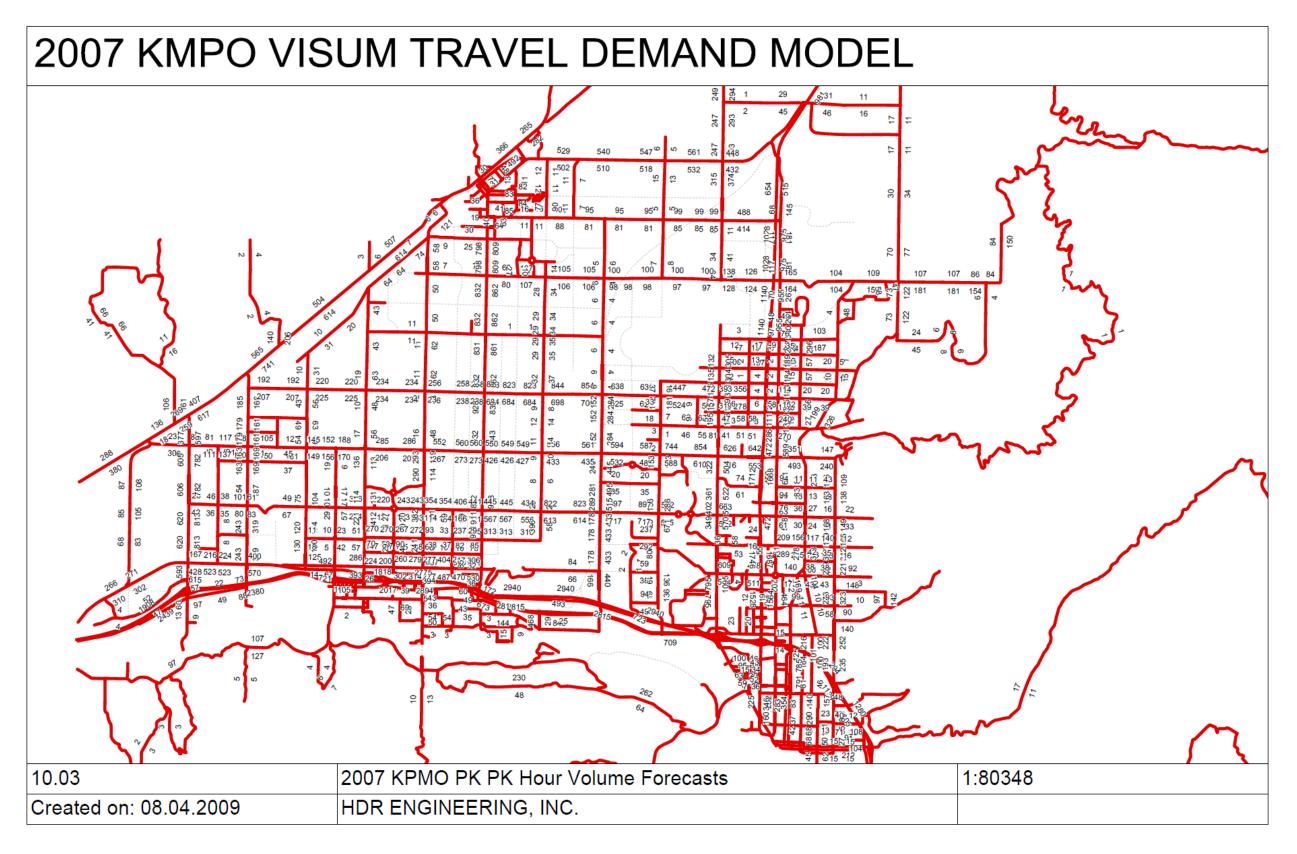


Figure 13: 2007 KMPO VISUM Model PM Peak Hour Traffic Assignment Results

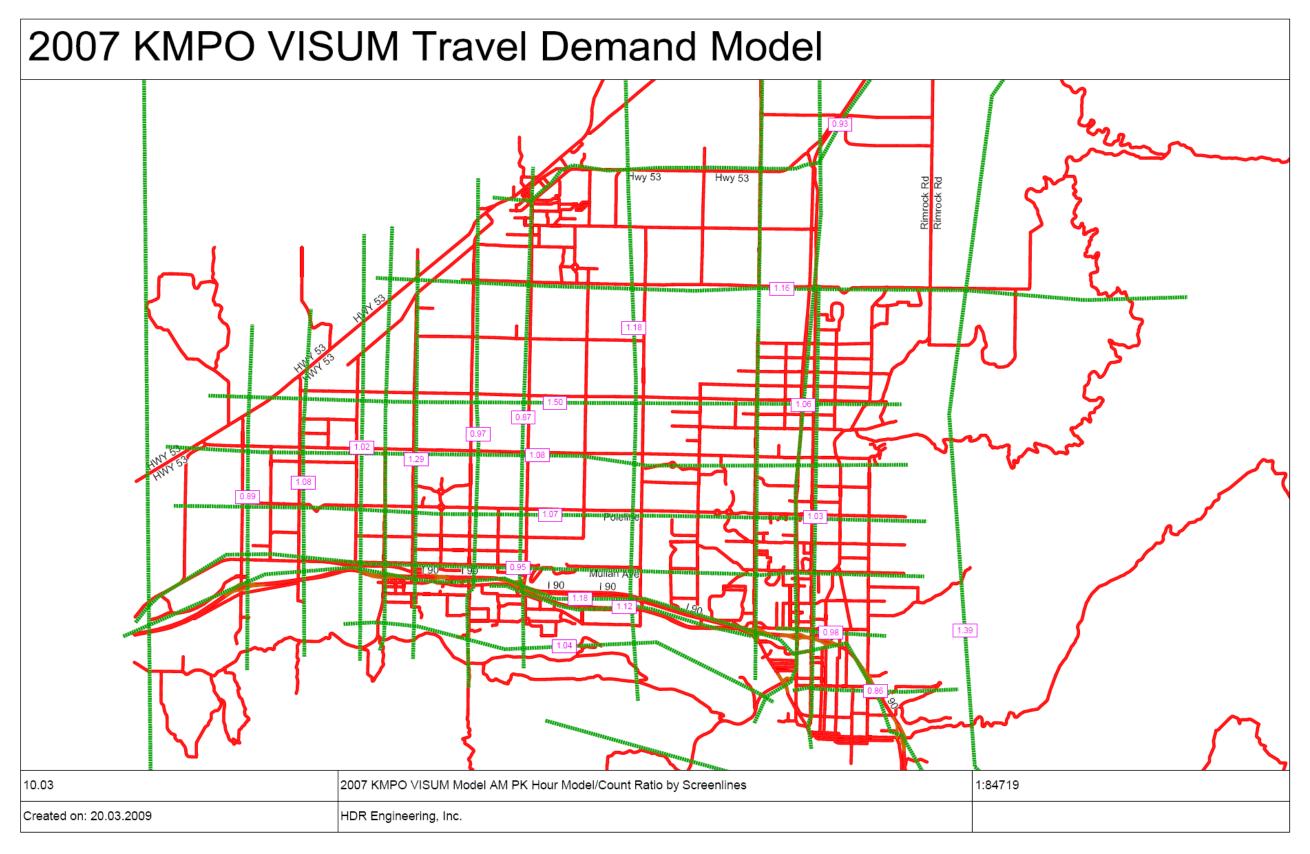


Figure 14: 2007 KMPO VISUM Model AM Peak Hour Traffic Forecast Screenline Results

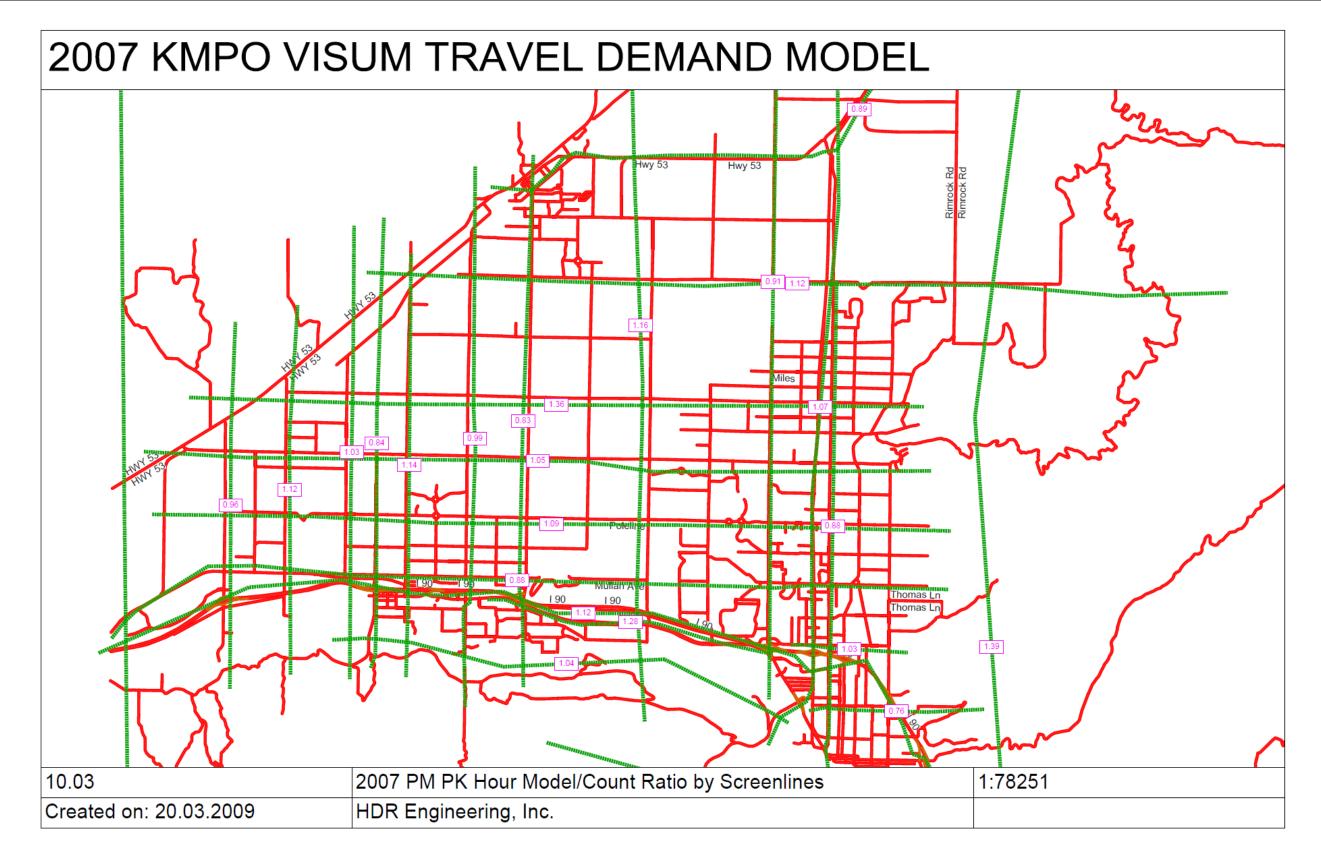


Figure 15: 2007 KMPO VISUM Model PM Peak Hour Traffic Forecast Screenline Results

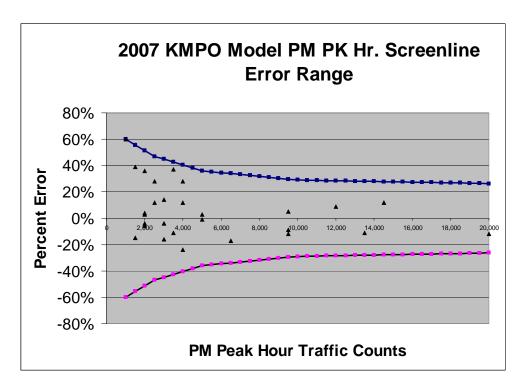


Figure 16: 2007 KMPO Model AM Peak Hour Screenline Error Range

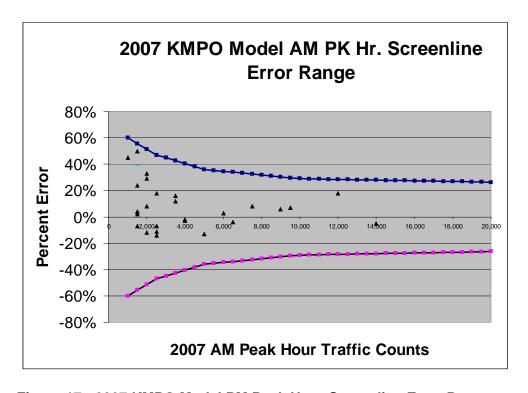


Figure 17: 2007 KMPO Model PM Peak Hour Screenline Error Range

## 9.0 Model Limitations and Improvements

The 2007 KMPO model has some limitations that lead to potential improvements in the future.

- The KMPO model is vehicle based travel demand forecasting model and does not have multimodal forecasting capability as the model only follows the three steps of the traditional four-step modeling procedures: trip generation, trip distribution, and trip assignment without the mode choice modeling step.
- The model trip generation rates are simply based on the ITE Trip Generation
  Manual but not based on the regional travel survey data, although the total trips
  generated by purpose are calibrated against the 2005 Kootenai/Spokane
  expanded travel survey results.
- The model produces better traffic forecasts in the urbanized area with higher traffic volume than in the rural area with lower traffic volumes possibly because of the larger zones and less street network in rural areas, or because the rural areas have lower trip generation rates than the ITE urban and suburban trip generation rates used in the KMPO model. Further statistical analysis of the rural and urban area travel behaviors will help evaluate this hypothesis.
- The trip distribution patterns roughly match with the 2005 regional travel survey; however, the statistics extracted from the travel survey do not separate the AM and PM conditions; therefore, further statistical analysis of the "2005 Spokane and Kootenai County Regional Travel Survey" may be needed to enhance the trip distribution pattern accuracy.
- The intersection delay calculations are removed from the demand model because of the overlapping with the link delay calculation; the link and node delay relationship should be further evaluated to determine their corresponding applicability in the model.
- Intersection level of service calculation can be implemented by VISUM module TRAFFIX based on the Highway Capacity Manual but was not done at this update and should be implemented for operational analysis in the future.
- Some local zonal details or network details may not be sufficient to reflect the traffic forecast conditions in the local sub-area transportation study and planning, and may be enhanced further to meet the local travel demand modeling needs in the future.

#### **Appendices**

## Appendix 1A: KMPOGUI.PY – KMPO Graphic User Interface Python script file

```
#!/usr/bin/env python
#Boa:App:BoaApp
import wx, os
global numarray
from numarray import *
import KMPOFrame
modules={'MainFrame':[1,'Main frame', u'KMPOFrame.py']}
class BoaApp(wx.App):
    def OnInit(self):
        wx.InitAllImageHandlers()
        self.main=KMPOFrame.create(None)
        self.main.Show()
        self.SetTopWindow(self.main)
        return True
def main():
    application = BoaApp(0)
    os.chdir("..")
    application.MainLoop()
if __name__ == '__main__':
    main()
```

Appendix 1B: KMPO Project dir file.pdf
- KMPO Project directory file that stores the model



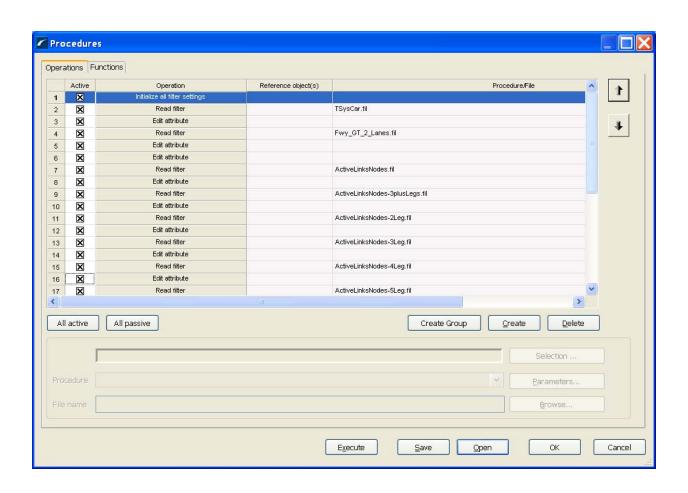
* Networks		
Netze		"W:\087219\KMPO Model\KMPO
Model Run\"	net	W (00721) (IIII o Model (IIII o
* Versions	1100	
Versionen		"W:\087219\KMPO Model\KMPO
Model Run\"	ver	W (007213 (IIII 0 Hodel (IIII 0
* OD matrices	VCI	
Quelle-Ziel-Matrizen		"W:\087219\KMPO Model\KMPO
Model Run\"	mtx	W' (00721) (IIII O MOGET (IIII O
* Skim matrices	IIICX	
Kenngroessenmatrizen		"W:\087219\KMPO Model\KMPO
Model Run\"	*	W. (00721) (KMFO MOGET (KMFO
* OD demand data		
Nachfragedaten		"W:\087219\KMPO Model\KMPO
Model Run\"	dmd	W: \007219\KMPO MOdel\KMPO
* MultiUser networks	ana	
MultiUserNetze		"W:\087219\KMPO Model\KMPO
Model Run\"	NotEdita	"W.\08/219\KMPO Model\KMPO
* Project directories	NOLEGICA	
Project directories Projektverzeichnisse		"C:\Documents and
Settings\bgow\Desktop\FULL Model RUNS\MODE	י דואנפ/ יי	•
	L RUNS ("	pfd
* Graphic parameters		HILL \ 0.07210\ KMDO Madal\ KMDO
Grafikparameter		"W:\087219\KMPO Model\KMPO
Model Run\"	gpa	
* Background Files		HM. \ 007210\ KMDO Madal\ KMDO
Hintergrunddateien	lo	"W:\087219\KMPO Model\KMPO
Model Run\"	hgr	
* Texts		""", \ 007210\ WWD0 W- 4-1\ WWD0
Texte	£ Ł	"W:\087219\KMPO Model\KMPO
Model Run\"	txt	
* Procedure parameters(bin)		""", 000010/ """D0 " 1 1/ """D0
Verfahrensparameter(bin)		"W:\087219\KMPO Model\KMPO
Model Run\"	par;xml	
* RASW-Scen		""" \ 0.00010\ mmo
RASW-Fall	-	"W:\087219\KMPO Model\KMPO
Model Run\"	rwf	
* Attributes		""" \ 0.00010\ mmo
Attribute		"W:\087219\KMPO Model\KMPO
Model Run\"	att	
* Environmental param.		""" \ 0.00010\ mmo
Umweltparameter		"W:\087219\KMPO Model\KMPO
Model Run\"	upa	
* List-Layout		""" \ 0.00010\ mmo
Listen-Layout		"W:\087219\KMPO Model\KMPO
Model Run\"	lla	
* Filter		\ 0.0004.0\
Filter	6.1.7	"W:\087219\KMPO Model\KMPO
Model Run\"	fil	
* Active Network Objects		
Aktive Netzelemente		"W:\087219\KMPO Model\KMPO
Model Run\"	ane	
* VISSIM network		
VISSIM-Netz		"W:\087219\KMPO Model\KMPO
Model Run\"	inp	
* Shapefile		
Shapefile		"W:\087219\KMPO Model\KMPO
Model Run\"	NotEdita	
* Survey parameters		
Erhebungsparameter		"W:\087219\KMPO Model\KMPO
Model Run\"	sup	

* Survey data			
Erhebungsdaten		"W:\087219\KMPO	Model/KMPO
Model Run\"	sur		
* Access database		""" \ 00E010\ TTMDO	M 1 1\ TTMDO
Access-Datenbank		"W:\087219\KMPO	Model/KMPO
Model Run\"	NotEdita		
* EMME/2			
Emme	*	"W:\087219\KMPO	Model/KMPO
Model Run\"	*		
* VISSIM Export parameters		\ 0.0504.0\	7 7\
VISSIM-Exportparameter		"W:\087219\KMPO	Model/KMPO
Model Run\"	vep		
* References		\ 0.0 0.1 0\	7 7\
Verknuepfungen		"W:\087219\KMPO	Model\KMPO
Model Run\"	*		
* Image files			>
Bilddateien		"W:\087219\KMPO	Model\KMPO
Model Run\"	NotEdita		
* SVG files		\ 0.0 0.1 0\	7 7\
SVG-Dateien		"W:\087219\KMPO	Model\KMPO
Model Run\"	NotEdita		
* NEMA files		\ 0.0 0.1 0\	7 7\
NEMA-Dateien		"W:\087219\KMPO	Model\KMPO
Model Run\"	NotEdita		
* TModel files			>
TModel-Dateien		"W:\087219\KMPO	Model\KMPO
Model Run\"	*		
* Script files			>
Skript-Dateien		"W:\087219\KMPO	Model\KMPO
Model Run\"	NotEdita		
* TLY files			\
TLY-Dateien		"W:\087219\KMPO	Model\KMPO
Model Run\"	tly		
* HAFAS project files			\
HAFAS-Projektdateien		"W:\087219\KMPO	Model\KMPO
Model Run\"	NotEdita		
* MUULI Log files			\
MUULI-Log-Dateien		"W:\087219\KMPO	Model\KMPO
Model Run\"	mlg		
* Screenshots			\
Screenshots		"W:\087219\KMPO	Model\KMPO
Model Run\"	NotEdita		
* Connection file			>
Verbindungsdatei		"W:\087219\KMPO	Model\KMPO
Model Run\"	con		
* Timetable Editor Graphic parameters			>
Grafikparameter Fahrplaneditor		"W:\087219\KMPO	Model\KMPO
Model Run\"	gpt		
* Timetable Editor Network Graph			>
Fahrplaneditor Netzgraph		"W:\087219\KMPO	Model\KMPO
Model Run\"	*		
* Route import			>
Routen-Import		"W:\087219\KMPO	Model/KMPO
Model Run\"	rim		
* Legend parameters		\ 0.0E.01.0\	
Legenden-Parameter		"W:\087219\KMPO	Model/KMPO
Model Run\"	lgd		
* Backgrounds		ura.\ 000010\	M - J - J \ 7****
Hintergruende	NT - 4 TO 3 ' '	"W:\087219\KMPO	Model/KWb0
Model Run\"	NotEdita		



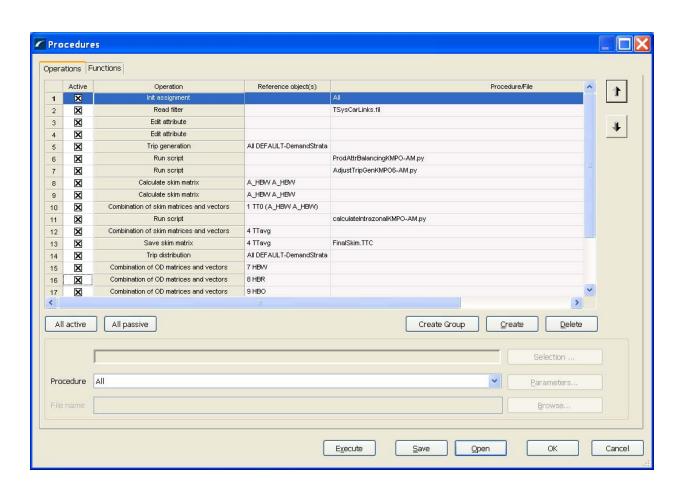
* Procedure parameters(XML)			
Verfahrensparameter(XML)		"W:\087219\KMPO	Model\KMPO
Model Run\"	xml		
* TRAFFIX files			
TRAFFIX-Dateien		"W:\087219\KMPO	Model\KMPO
Model Run\"	*		
* Additive network reading Parameters			
Additives-Netzlesen-Para		"W:\087219\KMPO	Model\KMPO
Model Run\"	anrp		
* Script menu files			
Skriptmenue-Dateien		"W:\087219\KMPO	Model\KMPO
Model Run\"	xml		
* DXF files			
DXF-Dateien		"W:\087219\KMPO	Model\KMPO
Model Run\"	NotEdita		
* Difference Network			
Differenznetz		"W:\087219\KMPO	Model\KMPO
Model Run\"	diffnet		

### Appendix 1C: UpdateNodeLinkCapTWTL.par - A parameter file to update node/link capacity

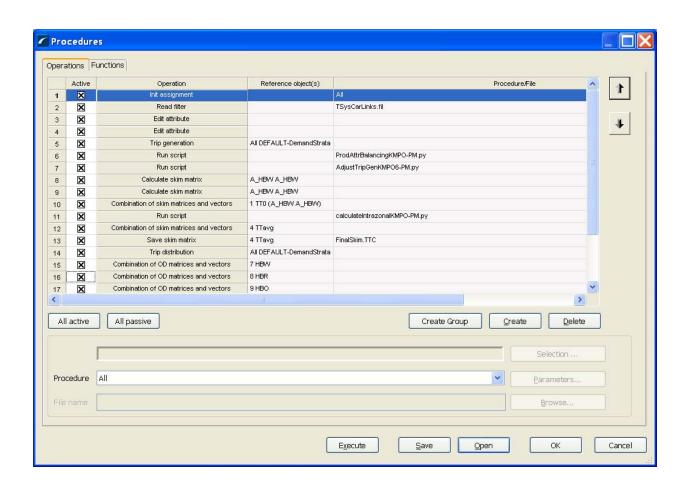




### Appendix 1D: KMPO-Model-AMPKHR.par - A parameter file for AM peak hour KMPO Model



Appendix 1E: KMPO-Model\_PMPKHR.par
- A parameter file for PM peak hour KMPO Model



## Appendix 1F: KMPO Model Run Script.py - A Python Script file to track AM/PM model runs

```
global numarray
global zeros, Float32
import win32com.client
import threading
from numarray import *
from time import *
class testit(threading.Thread):
    def __init__(self, visum, pfdName, finalVersion, Link_and_Node_Capacity,
AM Assignment Par, PM Assignment Par):
        threading.Thread.__init__(self)
        self.visum = visum
        self.pfdName = pfdName
        self.finalVersion = finalVersion
        self.Link_and_Node_Capacity = Link_and_Node_Capacity ##par1
        self.AM_Assignment_Par = AM_Assignment_Par ##par2
        self.PM_Assignment_Par = PM_Assignment_Par ##par3
    def run(self):
        global Flag1, Flag2
        global modeChoiceAMmat, modeChoiceMDmat
        global distribMDmat, distribAMmat
        global FlagTDMCMD, FlagTDMCAM, FlagDataAM1,
FlagDataAM2,FlagDataMD1,FlagDataMD2
        global AMConverge
        qlobal MDConverge
        qlobal AssignAM
        global AssignMD
        global FlagAM, FlagMD
        global prevLOVmd, prevHOVmd, prevTruckmd
        global mat3AM, mat4AM, mat5AM, mat3MD, mat4MD, mat5MD
        global diffMatAM, diffMatMD, perMatAM, perMatMD, AMavgFlag, MDavgFlag
        global numarray
        import win32api
        import win32com.client
        import pythoncom
        import sys
        import time
        import numarray
        sys.coinit_flags = 0
        pythoncom.CoInitialize()
        self.v = win32com.client.Dispatch("Visum.Visum.10")
        self.v.LoadPathFile(self.pfdName)
        print "Model Run Started!"
        try:
            print "Loading Version File..."
            self.v.LoadVersion(self.visum)
            print "Error Loading Version File for:"
            x = self.v.Messages
            for i in range(0,len(x)):
                print x[i].Text
##
          #######Calculate Link Node Capacity##########
```

```
try:
           print "Calculating Link Node Capacity..."
           self.v.Procedures.Open(self.Link_and_Node_Capacity)
           self.v.Procedures.Execute()
       except:
           print "Error Calculating Link Node Capacity..."
           x = self.v.Messages
           for i in range(0,len(x)):
               print x[i].Text
       try:
           print "Running AM PEAK Assignment....."
           self.v.Procedures.Open(self.AM_Assignment_Par)
           self.v.Procedures.Execute()
           print "AM PEAK Assignment Completed"
       except:
           print "Error AM PEAK Assignment..."
           x = self.v.Messages
           for i in range(0,len(x)):
               print x[i].Text
       try:
           print "Running PM PEAK Assignment....."
           self.v.Procedures.Open(self.PM_Assignment_Par)
           self.v.Procedures.Execute()
           print "PM PEAK Assignment Completed"
       except:
           print "Error PM PEAK Assignment..."
           x = self.v.Messages
           for i in range(0,len(x)):
               print x[i].Text
x = self.v.Messages
       if len(x)>0:
          print "Warnings Encountered"
          for i in range(0,len(x)):
              print x[i].Text
          print "Saving Final Version..."
       self.v.SaveVersion(self.finalVersion)
       print "Model Run Completed!"
def readCSV(fileName):
    import csv
    '''Reads csv file into a dictionary with the following keys
    folderLocation, versionName, numIterations, finalVersion, emails,
runScript'''
   f = open(fileName, "r")
   reader = csv.reader(f)
   y = []
   for x in reader:
       y.append(x)
   return dict(y)
runParams = readCSV("runall.csv")
finalversion = runParams['finalVersion']
netName1 = runParams['versionName']
pathfile = runParams['folderLocation']
```



```
Link_and_Node_Capacity = runParams['NodeLinkCapUpdate'] ##par1
AM_Assignment_Par = runParams['AMassignment'] ##par2
PM_Assignment_Par = runParams['PMassignment'] ##par3

t = testit(netName1, pathfile, finalversion, Link_and_Node_Capacity, AM_Assignment_Par, PM_Assignment_Par)
t.run()
```

# Appendix 1G: 2007 KMPO Model AM Peak Hour Screenline Validation Spreadsheets

RUN# 9b 2007 NEW LU, Roundabouts, UPDATED EXTERNAL COUNTS, FX, X-I AND X-X, Trip Rates, Trip Distribution and No Node Delay

Date: 3/20/2009

File Location W:\087219\KMPO Model\KMPO Model Run\Screenlines\

Originated by: Tony wang



SCREENLINE NUMB	RFR-	#1										
SCREENLINE LOCA			River Crossing Screenline #1									
SL Section			: SB/EB to NB/WB	Т	otal Model and	Counts		SOUTHBOUND			NORTHBOUND	
OE COOLOTT	From		ARTERIAL NAME			Model/Counts		07 Counts	Model/Counts			Model/Counts
	818		Spokane St.		71 413		135		0.62	136	196	
	889		US 95 @ Spokane River Bridge	12			602			649	595	1.09
	000	5500	TOTAL	15			737	673		785	791	0.99
SCREENLINE NUMB	BER:	#2										
SCREENLINE LOCA			creenline #2									
SL Section	Correspon	iing Links	: SB/EB to NB/WB	T	otal Model and	Counts		SOUTHBOUND			NORTHBOUND	
	From	To	ARTERIAL NAME	07_Mode	I 07 Counts	Model/Counts	07 Model	07 Counts	Model/Counts	07 Model	07 Counts	Model/Counts
	774	9814	Huetter Rd	2	93 258	1.14	152	180	0.84	141	78	1.81
	9388	9815	Altas Rd	2	29 556	0.41	92	342	0.27	137	214	0.64
	843	9789	Ramsey Rd	27	28 1982	1.38	1555	1290	1.21	1173	692	1.70
	734	9272	Ross Point Rd	2	83 463	0.61	105	130	0.81	178	333	0.53
	755	790	Cedar St	3	74 253	1.48	25	74	0.34	349	179	1.95
	9960	9884	Seeley Rd	1	94 79	2.46	155	35	4.43	39	44	0.89
			TOTAL	41	01 3591	1.14	2084	2051	1.02	2017	1540	1.31
SCREENLINE NUMB		#3										
SCREENLINE LOCA	TION:	Harrison	Ave. Screenline #3									
	TION: Correspon	Harrison ling Links	: SB/EB to NB/WB		otal Model and			SOUTHBOUND			NORTHBOUND	
SCREENLINE LOCA	TION: Correspond From	Harrison ding Links To	: SB/EB to NB/WB ARTERIAL NAME	07_Mode	I 07_Counts	Mode/ Counts	07_Model	07_Counts	Model/Counts	07_Model	07_Counts	Model/Counts
SCREENLINE LOCA	TION: Correspon	Harrison ding Links To 9144	SB/EB to NB/WB ARTERIAL NAME Government Way	07_Mode	1 07_Counts 80 363	Model/Counts 1.32	07_Model 333	07_Counts 194	Model/Counts	07_Model 147		Model/Counts 0.87
SCREENLINE LOCA	TION: Correspond From	Harrison ding Links To 9144 917	: SB/EB to NB/WB ARTERIAL NAME Government Way 3rd St	07_Mode 4	I 07_Counts	Model/Counts 1.32	07_Model	07_Counts 194	Model/Counts	07_Model	07_Counts	Model/Counts 0.87 1.26
SCREENLINE LOCA	Correspond From 899	Harrison ding Links To 9144 917	SB/EB to NB/WB ARTERIAL NAME Government Way	07_Mode 4 6	1 07_Counts 80 363 98 792 86 227	Model/Counts 1.32 0.88 0.38	07_Model 333 263 49	07_Counts 194 447 103	Model/Counts 1.72 0.59	07_Model 147	07_Counts 169	Model/Counts 0.87 1.26 0.30
SCREENLINE LOCA	Correspond From 899 901 904 907	Harrison ding Links To 9144 917 919 920	: SB/EB to NB/WB ARTERIAL NAME Government Way 3rd St 7th St 11th St	07_Mode 4 6	1 07 Counts 90 363 98 792 86 227 17 147	Model/Counts 1.32 0.88 0.38 1.48	07_Mode1 333 263 49 129	07_Counts 194 447 103 60	Model/Counts 1.72 0.59 0.48 2.15	07_Model 147 435 37 88	07_Counts 169 345 124 87	Model/Counts 0.87 1.26 0.30 1.01
SCREENLINE LOCA	Correspond From 899 901 904	Harrison ding Links To 9144 917 919 920	SB/EB to NB/WB ARTERIAL NAME Government Way 3rd St 7th St 11th St 15th St	07_Mode 4 6 2 5	I         07_Counts           80         363           98         792           86         227           17         147           52         871	1.32 0.88 0.38 1.48 0.63	07_Model 333 263 49 129 264	07_Counts 194 447 103 60 385	Model/Counts 1.72 0.59 0.48 2.15 0.69	07_Model 147 435 37 88 288	07_Counts 169 345 124 87 486	Model/Counts 0.87 1.26 0.30 1.01 0.59
SCREENLINE LOCA SL Section	TION:  Correspond From  899 901 904 907 910	Harrison ding Links To 9144 917 919 920	: SB/EB to NB/WB ARTERIAL NAME Government Way 3rd St 7th St 11th St	07_Mode 4 6	I 07_Counts 80 363 98 792 86 227 17 147 52 871	1.32 0.88 0.38 1.48 0.63	07_Mode1 333 263 49 129	07_Counts 194 447 103 60 385	Model/Counts 1.72 0.59 0.48 2.15	07_Model 147 435 37 88	07_Counts 169 345 124 87	Model/Counts 0.87 1.26 0.30 1.01
SCREENLINE LOCA SL Section	Correspon From 899 901 904 907 910	Harrison ding Links To 9144 917 919 920 921	SB/EB to NB/WB ARTERIAL NAME Government Way 3rd St 7th St 11th St 15th St	07_Mode 4 6 2 5	I         07_Counts           80         363           98         792           86         227           17         147           52         871	1.32 0.88 0.38 1.48 0.63	07_Model 333 263 49 129 264	07_Counts 194 447 103 60 385	Model/Counts 1.72 0.59 0.48 2.15 0.69	07_Model 147 435 37 88 288	07_Counts 169 345 124 87 486	Model/Counts 0.87 1.26 0.30 1.01 0.59
SCREENLINE LOCA SL Section SCREENLINE NUMB SCREENLINE LOCA	Corresponder From  899 901 904 907 910  BER: TION:	Harrison ding Links To 9144 917 919 920 921 #4 Appleway	SES/EB to NB/WB ARTERIAL NAME Government Way 3rd St 7th St 11th St 15th St TOTAL	07_Mode 4 6 2 5 20	1 07 Counts 80 363 98 792 86 227 17 147 52 871 33 2400	Mode/ Counts 1.32 0.88 0.38 1.48 0.63 0.85	07_Model 333 263 49 129 264	07_Counts 194 447 103 60 385 1189	Model/Counts 1.72 0.59 0.48 2.15 0.69 0.87	07_Model 147 435 37 88 288 995	07_Counts 169 345 124 87 486 1211	Model Counts 0.87 1.26 0.30 1.01 0.59 0.82
SCREENLINE LOCA SL Section	Corresponder  899 901 904 907 910  BER: TION: Corresponder	Harrison ding Links To 9144 917 919 920 921 #4 Appleway	SERIES TO NEW B ARTERIAL NAME Government Way 3rd St 7th St 11th St 15th St TOTAL  Ave/Best Screenline #4 SERIES TO NEW B	07_Mode 4 6 2 5 20	1 07 Counts 80 363 98 792 86 227 17 147 52 871 33 2400 otal Model and	Model Counts 1.32 0.88 0.38 1.48 0.63 0.85	07_Model 333 263 49 129 264 1038	07_Counts 194 447 103 60 385 1189	Model/Counts 1.72 0.59 0.48 2.15 0.69 0.87	07_Model 147 435 37 88 288 995	07_Counts 169 345 124 87 486 1211	Model/Counts 0.87 1.26 0.30 1.01 0.59 0.82
SCREENLINE LOCA SL Section SCREENLINE NUMB SCREENLINE LOCA	Corresponder  899 901 904 907 910  BER: TION: Corresponder From	Harrison Jing Links To 9144 917 919 920 921 #4 Appleway Jing Links	SB/EB to NB/WB ARTERIAL NAME Government Way 3rd St 7th St 11th St 15th St TOTAL  Ave/Best Screenline #4  SB/EB to NB/WB ARTERIAL NAME	07_Mode 4 6 2 5 20 7 07_Mode	1 07 Counts 30 363 98 792 17 147 52 871 33 2400 otal Model and 1 07 Counts	Mode/ Counts	07_Model 333 263 49 129 264 1038 07_Model	07_Counts  194 447 103 60 385 1189  SOUTHBOUND 07_Counts	Model/Counts 1.72 0.59 0.48 2.15 0.69 0.87 Model/Counts	07_Model 147 435 37 88 288 995 07_Model	07_Counts 169 345 124 87 486 1211 NORTHBOUND 07_Counts	Model/Counts 0.87 1.26 0.30 1.01 0.59 0.82
SCREENLINE LOCA SL Section SCREENLINE NUMB SCREENLINE LOCA	TION:      Corresponder     From     899     901     904     907     910  BER: TION: Corresponder From     831	Harrison ding Links To 9144 917 919 920 921 #4 Appleway ding Links To 9424	SESEE TO NEWB  ARTERIAL NAME Government Way 3rd St 7th St 11th St 15th St TOTAL  Ave/Best Screenline #4 SESEE TO NEWB ARTERIAL NAME SR 95	07_Mode 4 6 2 5 20 7 07_Mode 23	1 07 Counts 30 363 38 792 36 227 17 147 52 871 33 2400 otal Model and 1 07 Counts 58 2388	1.32 0.88 0.38 1.48 0.63 0.85 Counts Mode/Counts	07_Model 333 263 49 129 264 1038  07_Model 1332	07 Counts  194 447 103 60 385 1189  SOUTHBOUND 07 Counts  1623	Model/Counts 1.72 0.59 0.48 2.15 0.69 0.87 Model/Counts 0.82	07_Model 147 435 37 88 288 995 07_Model	07_Counts 169 345 124 87 486 1211  NORTHBOUND 07_Counts 766	Model/Counts 0.87 1.26 0.30 1.01 0.59 0.82 Model/Counts 1.35
SCREENLINE LOCA SL Section SCREENLINE NUMB SCREENLINE LOCA	TION:      Correspond     From     899     901     904     907     910  BER: TION:     Correspond From     831     833	Harrison  Jing Links  To  9144  917  919  920  921  #4  Applewa  Jing Links  To  9424  851	SEB/EB to NB/WB  ARTERIAL NAME Government Way 3rd St 7th St 11th St 15th St TOTAL  Ave/Best Screenline #4 SB/EB to NB/WB  ARTERIAL NAME SR 95 Government Way	07_Mode 4 6 2 5 20 7 07_Mode 23 11	1 07 Counts 80 363 80 792 86 227 17 147 52 871 33 2400 otal Model and 1 07 Counts 8 2386 18 874	1.32 0.88 0.38 1.48 0.63 0.85 Counts Mode/Counts	07_Model  333 263 49 129 264 1038  07_Model  1332 707	07 Counts  194 447 103 60 385 1189  SOUTHBOUND 07 Counts 1623 540	Model/Counts 1.72 0.59 0.48 2.15 0.69 0.87 Model/Counts 0.82 1.31	07_Model 147 435 37 88 288 995 07_Model 1036 411	07_Counts  169 345 124 87 486 1211  NORTHBOUND 07_Counts  766 334	Model/Counts  0.87 1.26 0.30 1.01 0.59 0.82  Model/Counts 1.35 1.23
SCREENLINE LOCA SL Section SCREENLINE NUMB SCREENLINE LOCA	TION:      Corresponder     From     899     901     904     907     910  BER: TION: Corresponder From     831	Harrison  Jing Links  To  9144  917  919  920  921  #4  Applewa  Jing Links  To  9424  851	SEB/EB to NB/WB  ARTERIAL NAME Government Way 3rd St 7th St 11th St 15th St TOTAL  Ave/Best Screenline #4  SB/EB to NB/WB  ARTERIAL NAME SR 95 Government Way 15th St	07_Mode 4 6 2 5 20 7_07_Mode 23 11 3	1 07 Counts 30 365 398 792 398 227 17 147 52 871 33 2400  otal Model and 1 07 Counts 38 2388 38 874 57 616	1.32 0.88 0.38 1.48 0.63 0.85 Counts Mode/Counts 0.99 1.28 0.58	07_Model  333 263 49 129 264 1038  07_Model  1332 707 196	07 Counts  194 447 103 60 385 1189  SOUTHBOUND 07 Counts  1623 540 379	Model/Counts 1.72 0.59 0.48 2.15 0.69 0.87 Model/Counts 0.82 1.31 0.52	07_Model  147 435 37 88 288 995  07_Model  1036 411 161	07_Counts 169 345 124 87 486 1211 NORTHBOUND 07_Counts 766 334 237	Model/Counts  0.87 1.26 0.30 1.01 0.59 0.82  Model/Counts 1.35 1.23 0.68
SCREENLINE LOCA SL Section SCREENLINE NUMB SCREENLINE LOCA	TION:      Correspond     From     899     901     904     907     910  BER: TION:     Correspond From     831     833	Harrison  Jing Links  To  9144  917  919  920  921  #4  Applewa  Jing Links  To  9424  851	SEB/EB to NB/WB  ARTERIAL NAME Government Way 3rd St 7th St 11th St 15th St TOTAL  Ave/Best Screenline #4 SB/EB to NB/WB  ARTERIAL NAME SR 95 Government Way	07_Mode 4 6 2 5 20 7 07_Mode 23 11	1 07 Counts 30 365 30 792 30 227 17 147 52 871 33 2400  otal Model and 1 07 Counts 58 2386 58 874 57 616	1.32 0.88 0.38 1.48 0.63 0.85 Counts Mode/Counts 0.99 1.28 0.58	07_Model  333 263 49 129 264 1038  07_Model  1332 707	07 Counts  194 447 103 60 385 1189  SOUTHBOUND 07 Counts  1623 540 379	Model/Counts 1.72 0.59 0.48 2.15 0.69 0.87 Model/Counts 0.82 1.31 0.52	07_Model 147 435 37 88 288 995 07_Model 1036 411	07_Counts  169 345 124 87 486 1211  NORTHBOUND 07_Counts  766 334	Model/ Counts  0.87 1.26 0.30 1.01 0.59 0.82  Model/ Counts 1.35 1.23

RUN# 9b 2007 NEW LU, Roundabouts, UPDATED EXTERNAL COUNTS, I-X, X-I AND X-X, Trip Rates, Trip Distribution and No Node Delay

Date: 3/20/2009

File Location W:\087219\KMPO Model KMPO Model Run\Screenlines\

Originated by: Tony wang



L Section	Correspondi	ng Links	S: SB/EB to NB/WB	To	al Model and	Counts	ACCORDED ACCOUNTS	SOUTHBOUND		Complete value in	NORTHBOUND	1
			ARTERIAL NAME			Model/Counts		07_Counts	Model/Counts			Model/Counts
	681		Idaho St.	1036			681	658		355	366	
	658		Spokane St.	647			349			298	330	
	660		Idaho St.	837			592			245	361	
	9422		SR 41	1300	100	0.87	715			593	715	
	9015		Baugh Rd			0.05	2			3	30	
	9017		Pleasant View Rd	1170		1.88	631	377		539	244	
	10160		Government Way	56			273			288	371	
	664		Greensferry Rd	(		0.07	4			2	37	
	669		SR 41	219			1256			939	674	
	685		Huetter Rd	292		1.02	151	217		141	70	
	687		Altas Rd	123		0.23	14		0.05	109	274	
	689		Ramsey Rd	1380			827	1320		561	768	
	691		US 95	2687			1468			1219	845	
	695	1000000	4th St	360			189	1 10 70 70		173	214	
	698	716	15th St	470			269	333	0.81	201	359	
		- 6	TOTAL	13087	13835	0.95	7421	8177	0.91	5666	5658	1.0
		#6	der se ses	13087	13835	0.95	7421	8177	0.91	5666	5658	1.0
CREENLINE N	OCATION: F	oleline l	Rd Screenline #6	,			7421					
	OCATION: F	oleline l	Rd Screenline #6 S: SB/EB to NB/WB	То	al Model and	Counts	2004 11 PORTO SAND	SOUTHBOUND			NORTHBOUND	)
CREENLINE L	OCATION: F Corresponding	oleline l ng Links o	Rd Screenline #6 S: SB/EB to NB/WB	To 07_Model	al Model and	Counts Model/Counts	07_Model	SOUTHBOUND 07_Counts	Model/Counts	07_Model	NORTHBOUND 07_Counts	) Model/Counts
CREENLINE L	OCATION: F Corresponding From 1	oleline l ng Links o 595	Rd Screenline #6 S: SB/EB to NB/WB ARTERIAL NAME Pleasant View Rd	To 07_Model 1154	al Model and 07_Counts 428	Counts Model/Counts 2.70	07_Mode1 628	SOUTHBOUND 07_Counts	Model/Counts 2.21	07_Model 526	NORTHBOUND 07_Counts	Model/Counts
CREENLINE L	OCATION: F Correspondi From 1 544 550	oleline l ng Links o 595 579	Rd Screenline #6 : SB/EB to NB/WB ARTERIAL NAME Pleasant View Rd Chase Rd.	70 07_Model 115- 24	al Model and 07_Counts 428 273	Counts Model/Counts 2.70 0.89	07_Model 628 150	SOUTHBOUND 07_Counts 284 111	Model/Counts 2.21 1.35	07_Model 526 94	NORTHBOUND 07_Counts 144 162	Model/Counts 3.6 2 0.5
REENLINE L	OCATION: F Correspondii From 1 544 550 552	oleline l ng Links o 595 579 580	Rd Screenline #6 :: SB/EB to NB/WB ARTERIAL NAME Pleasant View Rd Chase Rd. Spokane St	07_Model 1156 244 58	al Model and 07_Counts 428 273	Counts Model/Counts 2.70 0.89 0.13	07_Model 628 150 41	SOUTHBOUND 07_Counts 284 111 274	Model/Counts 2.21 1.35 0.15	07_Model 526 94 14	NORTHBOUND 07_Counts 144 162 154	Model/Counts 3.6 2 0.5
REENLINE L	OCATION: F Correspondi From 1 544 550 552 554	oleline l ng Links o 595 579 580 581	Rd Screenline #6 S: SB/EB to NB/WB ARTERIAL NAME Pleasant View Rd Chase Rd. Spokane St Idaho St	To 07_Model 115- 24- 50: 50:	al Model and 07_Counts 428 273 6 428	Counts Model/Counts 2.70 0.89 0.13 1.02	07_Model 628 150 41 358	SOUTHBOUND 07_Counts 284 111 274 320	Model/Counts 2.21 1.35 0.15 1.11	07_Model 526 94 14	NORTHBOUND 07_Counts 144 162 154 175	Model/ Counts 3.6 2 0.5 4 0.0 6 0.8
REENLINE L	OCATION: F Correspondii From 544 550 552 554 558	oleline l ng Links o 595 579 580 581 583	Ad Screenline #6 E: SB/EB to NB/WB ARTERIAL NAME Pleasant View Rd Chase Rd. Spokane St Idaho St Greensferry Rd.	70 07_Model 115: 24: 50: 50: 39:	al Model and 07_Counts 428 273 428 428 495	Counts Model/Counts 2.70 0.89 0.13 1.02 1.53	07_Model 628 150 41 355 342	SOUTHBOUND 07_Counts 284 111 274 320 109	Model/Counts 2.21 1.35 0.15 1.11 3.14	07_Model 526 94 14 150 53	NORTHBOUND 07_Counts 144 162 154 175 150	Model/Counts 3.6 0.5 0.0 0.0 0.8 0.3
CREENLINE L	OCATION: F Correspondi From 544 550 552 554 558 568	595 579 580 583 583	Rd Screenline #6 : SB/EB to NB/WB ARTERIAL NAME Pleasant View Rd Chase Rd. Spokane St Idaho St Greensferry Rd. SR41	70 07_Model 115- 24 55 500 399 1813	al Model and 07_Counts 428 273 6 428 6 495 6 259 8 1619	Counts Model/Counts 2.70 0.89 0.13 1.02 1.53 1.12	07_Model 628 150 41 355 342 849	SOUTHBOUND 07_Counts 284 111 274 320 109 982	Model/Counts 2.21 1.35 0.15 1.11 3.14 0.86	07_Model 526 94 14 150 53 964	NORTHBOUND 07_Counts 144 162 154 175 150 637	Mode/Counts 3.6 2 0.5 4 0.0 6 0.8 0 0.3
REENLINE L	OCATION: F Correspondl From 1  544  550  552  554  558  562  1100	595 595 579 580 581 583 585 587	Rd Screenline #6 S: SB/EB to NB/WB ARTERIAL NAME Pleasant View Rd Chase Rd. Spokane St Idaho St Greensferry Rd. SR41 Huetter Rd	To 07_Model 115- 24- 50: 50: 39: 181: 30-	al Model and 07_Counts 428 273 428 5 428 5 428 5 428 5 258 3 1619 4 229	Counts Mode/Counts 2,70 0,89 0,13 1,02 1,53 1,12 1,33	07_Model 628 150 41 355 342 849 148	SOUTHBOUND 07_Counts 284 111 274 320 109 982 148	Model/Counts 2.21 1.35 0.15 1.11 3.14 0.86 1.00	07_Model  526 94 14 150 53 964 156	NORTHBOUND 07_Counts 144 162 154 175 150 637 81	Model/Counts 3.6 2 0.5 4 0.0 6 0.8 0 0.3 7 1.5
REENLINE L	OCATION: F Correspondi From 544 550 552 554 558 562 1100 9458	595 579 580 581 583 585 587 9063	Ad Screenline #6 E: SB/EB to NB/WB ARTERIAL NAME Pleasant View Rd Chase Rd. Spokane St Idaho St Greensferry Rd. SR41 Huetter Rd Adias Rd	To 07_Model 115- 24- 50: 50: 39: 181: 30- 86:	al Model and 07_Counts	Counts Model/Counts 2.70 0.89 0.13 1.02 1.53 1.12 1.33 1.08	07_Model 628 150 41 355 342 849 148 450	SOUTHBOUND 07_Counts 284 111 274 320 109 982 148 502	Model/Counts 2.21 1.35 0.15 1.11 3.14 0.86 1.00 0.90	07_Model 526 94 14 150 53 964 156 416	NORTHBOUND 07_Counts 144 162 154 175 150 637 81 300	Model/Counts 3.6 2. 0.5 6. 0.8 9. 0.3 7. 1.5 1.1.5
REENLINE L	OCATION: F Correspondin From 1 544 550 552 554 558 562 1100 9458 569	o 595 579 580 581 583 585 587 9063 590	Ad Screenline #6 E: SB/EB to NB/WB ARTERIAL NAME Pleasant View Rd Chase Rd. Spokane St Idaho St Greensferry Rd. SR41 Huetter Rd Atlas Rd Ramsey Rd	To 07_Model 115- 244 55- 500 389 1813 30- 866 65	al Model and 07_Counts 428 428 428 428 428 428 428 428 428 428	Counts Model/Counts 2.70 0.89 0.13 1.02 1.53 1.12 1.33 1.08 0.58	07_Model 628 150 41 3555 342 849 148 4500 397	SOUTHBOUND 07_Counts 284 111 274 320 109 982 148 502 662	Model/Counts 2.21 1.35 0.15 1.11 3.14 0.86 1.00 0.90	07_Model 526 94 14 150 53 964 156 416	NORTHBOUND 07_Counts 144 162 154 175 150 637 81 300 459	Mode/ Counts 3.6 2. 0.5 6. 0.8 9. 0.3 7. 1.5 1.1.5
REENLINE L	OCATION: F Correspondle From 1 544 550 552 554 558 562 1100 9458 569 571	595 595 579 580 581 583 585 587 9063 590 615	Rid Screenline #6 St SB/EB to NB/WB ARTERIAL NAME Pleasant View Rd Chase Rd. Spokane St Idaho St Greensferry Rd. SR41 Huetter Rd Allas Rd Ramsey Rd US 95	To 07_Model 115- 24- 55- 50: 38- 181: 30- 86- 65- 307-	1 Model and 07_Counts 428 428 428 5 428 5 258 8 28 8 28 8 20 1121 8 2074	Counts Model Counts 2.70 0.89 0.13 1.02 1.53 1.12 1.33 1.08 0.58 1.48	07_Model 628 150 41 355 342 849 148 450 397 1655	SOUTHBOUND 07_Counts 284 1111 274 320 109 982 148 502 662 1347	Model/Counts 2.21 1.35 0.15 1.11 3.14 0.86 1.00 0.90 0.60	07_Model  526 94 14 150 53 964 156 416 254 1423	NORTHBOUND 07_Counts 144 162 154 175 150 637 81 300 459 727	Model/Counts 3.6 0.5 0.0.6 0.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9
REENLINE L	OCATION: F Correspondi From 1 544 550 552 554 558 562 1100 9458 569 571 573	Poleline Ing Links To 595 579 580 581 583 585 587 9063 590 615	Ad Screenline #6 S: SB/EB to NB/WB ARTERIAL NAME Pleasant View Rd Chase Rd. Spokane St Idaho St Greensferry Rd. SR41 Huetter Rd Atlas Rd Ramsey Rd US 95 Government Way	70 07_Model 115a 244 50 500 399 1813 300 866 65 30776 561	al Model and 07 Counts 428 4273 428 6 498 6 258 8 1618 4 229 8 802 1121 6 2074 8 848	Counts Model Counts 2.70 0.89 0.13 1.02 1.53 1.12 1.33 1.08 0.58 1.48 0.67	07_Model 628 150 411 355 342 849 148 450 397 1653 268	SOUTHBOUND 07_Counts 284 111 274 320 109 982 148 502 662 1347 513	Model/Counts 2.21 1.35 0.15 1.11 3.14 0.86 1.00 0.90 0.60 1.23 0.52	07_Model	NORTHBOUND 07_Counts 144 162 154 175 180 637 81 300 459 727	Model/Counts 3.6 2. 0.5 6. 0.8 7. 1.5 1.9 1.3 0.0.5 1.5 1.9 1.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5
CREENLINE L	OCATION: F Correspondle From 1 544 550 552 554 558 562 1100 9458 569 571	Poleline I of Links To September 1 of Links To September 2 of Links To Septemb	Rid Screenline #6 St SB/EB to NB/WB ARTERIAL NAME Pleasant View Rd Chase Rd. Spokane St Idaho St Greensferry Rd. SR41 Huetter Rd Allas Rd Ramsey Rd US 95	To 07_Model 115- 24- 55- 50: 38- 181: 30- 86- 65- 307-	al Model and 07 Counts 4 428 4 2273 428 5 428 5 428 6 489 6 802 1 1121 8 485 6 482 6	Counts Model Counts 2.70 0.89 0.13 1.02 1.53 1.12 1.33 1.08 0.58 1.48 0.67 0.63	07_Model 628 150 41 355 342 849 148 450 397 1655	SOUTHBOUND 07_Counts 284 111 274 320 109 982 148 502 662 1347 513	Model/Counts 2.21 1.35 0.15 1.11 3.14 0.86 1.00 0.90 0.60 1.23 0.52	07_Model  526 94 14 150 53 964 156 416 254 1423	NORTHBOUND 07_Counts 144 162 154 175 150 637 81 300 459 727	Mode/Counts 3.6 2. 0.5 4. 0.0 6. 0.8 9. 1.5 1.9 1. 1.3 9. 0.5 1.9 2. 0.9 9. 0.9

RUN # 9b 2007 NEW LU, Roundabouts, UPDATED EXTERNAL COUNTS, I-X, X-I AND X-X, Trip Rates, Trip Distribution and No Node Delay

Date: 3/20/2009

File Location W:\087219\KMPO Model\KMPO Model Run\Screenlines\

Originated by: Tony wang



SCREENLINE NUMB		#7										
SCREENLINE LOCA			d. Screenline #7									
SL Section			s: SB/EB to NB/WB		al Model and			SOUTHBOUND			NORTHBOUND	
	From	To	ARTERIAL NAME			Model/Counts	07_Model	07_Counts		07_Model	07_Counts	Model/Counts
	47		McGuire Rd	274			145			129	26	
	47		Chase Rd.	183			71		0.73	112		
	48 48		Spokane St. Idaho Rd.	43 218		0.36 1.26			0.17 0.85	34 142	68 84	
	48		Greensferry Rd.	337	1/3		208			129		
	48		SR 41	1671	1143					831	447	
	49		Huetter Rd	511	229		308		2.96	203		
	49		Atlas Rd	263						152		
	49		Ramsey Rd	521	1007	0.52				218		
	50		US 95	2880			1568			1312		
	50		Government Way	580		0.79				256		
	50		4th St	297	643					125		
	987		15th St	198			117		0.70	81	39	
		0 010	TOTAL	7976					0.92	3724	2738	
SCREENLINE NUM	BER:	#8										
SCREENLINE LOCA	TION:	Hayden /	Ave. Screenline # 8									
SL Section	Correspo	nding Link	s: SB/EB to NB/WB		al Model and			SOUTHBOUND			NORTHBOUND	)
	From	To	ARTERIAL NAME	07_Model	07_Counts	Model/Counts		07_Counts	Model/Counts		07_Counts	Model/Counts
	38		Hauser Lake Rd north of SH 53	213		1.41				67	27	
	41		Chase Rd	101						72		
	41		Idaho St	55					0.24	43		
	41		SR 41	1655			881			774		
	41		Greensferry Rd	49			13			36		
	41	18 435	Huetter Rd	272					2.69	127	46	
			TOTAL	2345	1574	1.49	1226	1007	1.22	1119	567	1.9
SCREENLINE NUMBER		#9	D4 0									
SCREENLINE LOCA			r Rd. Screenline # 9	T-1		0		SOUTHBOUND			HORTHROUNE	
SL Section	From	naing Link: To	S: SB/EB to NB/WB ARTERIAL NAME		al Model and	Model/Counts		07 Counts		07 Model	NORTHBOUND 07 Counts	Model/Counts
	33		Greensferry Rd	35					0.00	35		
	33		SH 41	1375		1.65			1.32	628		
	109		Meyer Rd.	38						26		
	33		Huetter Rd	10		0.19			0.10	7		
	33		US 95	1864						884	474	
	33		Government Way	204	220	0.93	28	147	0.19	176	73	
	34	14 351	Rimrock Rd/Meadowwood Ln	91	74	1.23	46	18	2.56	45	56	0.80
	34	11 348	Strahorn Rd	21	59	0.36	3	14	0.21	18	45	
	900		English Point Rd				3		0.43	6	6	
	978	31 9827	Hayden Lake Rd @ East end	1						1	28	
			TOTAL	3639	3138	1.16	1822	2074	0.88	1826	1077	1.70

RUN# 9b 2007 NEW LU, Roundabouts, UPDATED EXTERNAL COUNTS, FX, X-I AND X-X, Trip Rates, Trip Distribution and No Node Delay

Date: 3/20/2009

File Location W:\087219\KMPO Model\KMPO Model Run\Screenlines\

Originated by: Tony wang



From   To   ARTERIAL NAME   07_Mode  07_Courts   Mode Courts   07_Mode  07_Courts   07_Mode  07_Courts   Mode Courts   07_Mode  07_Courts	•												
	SCREENLINE NUMB	ER:	#10								I		
			SH 53 - U	IS 95 Screenline # 10				'			'		
From   To   ARTERIAL NAME   Of   Moosi   Of   Ocus   Model Courts   Ocus   Ocu					Tot	al Model and	Counts		SOUTHBOUND			NORTHBOUND	)
288   285   RNSF RR Birdye in Flathdrum	DE GOODST							07 Model			1		
9400 9931   Mais Rd		263								0.86			0.48
1137   289   Flammary Rd   479   283   1.69   241   178   1.35   2.28   105   2.27		9400			12	41	0.29	5		0.16	7		
252   27   US 96 no SH53   1139   1286   0.39   423   818   0.52   716   408   1.75		1137						241	178				
CREENLINE NUMBER   #11   #12   #13													
TOTAL   S71   2542   0.98   1000   1407   0.71   1371   1135   1.21													
Section   Corresponding   Institute   Corresponding   Institute   Institute		271	300										
Section   Corresponding   Institute   Corresponding   Institute   Institute	SCREENLINE NUMB	ER-	#11										
Section   Corresponding Links: SigRE to NBWB   Total Model and Courts   From   To   AFTERIAL NAME   07, Model   07, Courts   Model Courts   07, Model   07, Mod				es to Nat. Forest. Screenline # 11									
From   To   AFTERIAL NAME   07 Mode)   07 Courts   Model Counts   08	SL Section				Tot	al Model and	Counts		SOUTHBOUND			NORTHBOUND	0
177   129					07 Model	07 Counts	Mode/Counts	07 Model	07 Counts	Model/Counts	07 Model	07 Counts	Model/Counts
## 1750   220 SH 41 south of Seasons Rid   625 S42		9776											
American   American		9750	239	SH 41 south of Seasons Bd	625	542	1.15	327	369	0.89	298	179	
230   1099   Diagonal Rd south of Brunner Rd   22   54   0.59   8   17   0.47   24   37   0.65   231   2902   US 95 to south of Brunner Rd   1554   882   1.186   586   622   0.94   986   360   2.69   2.00   2.0													
231   9902   US 55 south of Brunner Rd   1554   882   1.58   588   622   0.94   968   360   2.69													
TOTAL   2420 1817 1.33   1021 1123   0.91   1399   694   2.02								_					
SCREENLINE NUMBER:		231	9902										
Scheduline LOCATION:   US 56 to SH3 South Screenline #12	SCREENLINE NUMB	ER-	#12										
Section   Corresponding Links: SB/EB to NB/WB   Total Model and Counts   1779   1085 US 95 SIO Workey   377   377   1.00   202   202   202   1.00   175   175   1.00   1				SH 3 South Screenline # 12									
From   To					Tot	al Model and	Counts		SOUTHBOUND	1	T	NORTHROUNI	)
1079   1085   US 96 SIO Worley   377   377   1.00   202   202   1.00   175   175   1.70   1.00   1058   10098   US 95 NIO Worley   653   360   1.81   347   188   1.85   306   172   1.78   1.07   1	OL OCCION							07 Model					
1058 10098 US 95 NO Workey 653 360 1.81 347 188 1.85 306 172 1.76 1073 10015 Cave Bay Rid @ Rock Creek 29 45 0.84 14 24 0.58 115 21 0.71 1061 1191 SH 97 north of Harrison 138 51 2.71 98 16 6.13 40 35 1.14 107 1078 SH 97 north of Harrison 138 51 2.71 98 16 6.13 40 35 1.14 107 1077 1078 SH 97 north of Harrison 138 51 2.71 98 16 6.13 40 35 1.14 10.02 1077 1078 SH 97 north of SH 3 33 44 0.75 12 27 0.44 21 17 1.24 10.02 1081 1083 SH 9.09 Benewah Co. Line 204 206 0.99 130 131 0.99 74 75 0.99 1074 1081 1083 SH 9.09 Benewah Co. Line 204 206 0.99 130 131 0.99 74 75 0.99 1076 SCREENLINE NUMBER: 513 SCREENLINE LOCATION: 513 10 LaTour Creek Rd Screenline #13 SL Section Corresponding Links: SB/EB to NBWB 7 Model Counts Model Counts 107 Model 7 Counts Model Counts 107 Model 7 Counts Model Counts 109 SH 93 110 0.12 17 31 0.55 1017 9437 Burma Rd SIO Cozzer Rd 243 36 6.75 150 100 15.00 93 26 3.58 10.55 1017 9437 Burma Rd SIO Cozzer Rd 243 36 6.75 150 100 15.00 93 26 3.58 10.55 1017 9437 Burma Rd SIO Cozzer Rd 243 36 6.75 150 100 15.00 93 26 3.58 10.55 1017 9437 Burma Rd SIO Cozzer Rd 243 36 6.75 150 100 15.00 93 26 3.58 10.55 1017 9437 Burma Rd SIO Cozzer Rd 243 36 6.75 150 100 15.00 93 26 3.58 10.55 1017 9437 Burma Rd SIO Cozzer Rd 243 36 6.75 150 100 15.00 93 26 3.58 10.55 1017 9437 Burma Rd SIO Cozzer Rd 243 36 6.75 150 100 15.00 93 26 3.58 10.55 1017 9437 Burma Rd SIO Cozzer Rd 243 36 6.75 150 100 15.00 93 26 3.58 10.00 103 SH 97 NO Burma 132 2.03 1045 1057 LaTour Creek Rd south of 190 258 141 1.83 157 50 3.14 101 91 1.11 1.43 107 1.14 1.43 107 1.14 1.43 107 1.14 1.14 101 91 1.11 1.14 101 1.14 1.14 1.14 1.14 1.14													
1073   10015   Cave Bay Rd @ Flock Creek   29   45   0.64   14   24   0.58   15   21   0.71													
1061   1191   SH 97 north of Harrison   138   51   2.71   98   16   6.13   40   35   1.14     9726   9364   Ogara Rid west of SH 97   8   8   83   0.10   7   42   0.17   1   41   0.02     1077   1078   SH 97 north of SH 3   3   44   0.75   12   27   0.44   21   17   1.24     1081   1083   SH 97 north of SH 3   3   3   44   0.75   12   27   0.44   21   17   1.24     1081   1083   SH 97 north of SH 3   3   3   44   0.75   12   27   0.44   21   17   1.24     1081   1083   SH 97 north of SH 3   3   3   44   0.75   12   27   0.44   21   17   1.24     1081   1083   SH 93 (p Benewah Co. Line   204   206   0.99   130   131   0.99   74   75   0.99     1076   TOTAL   142   1166   1.24   810   630   1.29   632   536   1.18     SCREENLINE NUMBER: #13													
9726   9364   Ogars Rdwest of SH 97   8   83   0.10   7   42   0.17   1   41   0.02													
1077   1078   SH 97 north of SH 3   33   44   0.75   12   27   0.44   21   17   1.24													
1081   1083   SH 3@ Benewah Co. Line   204   206   0.99   130   131   0.99   74   75   0.99   130   132   1.99													
CREENLINE NUMBER: #13   SCREENLINE COCATION: SH 93 to LaTour Creek Rd Screenline #13   Screen													
SCREENLINE NUMBER: #13   SCREENLINE LOCATION: SH 93 to LaTour Creek Rd Screenline #13		1001	1000										
Script   Corresponding Links: SS/EB to NB/WB   Total Model and Counts   C	SODEENI INE NI IMB	ED-	#10	TOTAL	1446	. 1100	1.24	010	030	1.20	002		1.10
Section   Corresponding Links: SB/EB to NB/WB   Total Model and Counts   O7_Model   O7_Counts   Model/Counts   O7_Model   O7_Model   O7_Counts   Model/Counts   O7_Model   O7_Mode				La Tour Creek Rd Screenline # 13									
Prom   To   ARTERIAL NAME   07   Model   07   Counts   Model   07   Counts   Model   07   Counts   Model   Counts   Counts   Model   Counts   Model   Counts   Model   Counts   Counts   Model   Counts   Counts   Counts   Counts   Counts   Coun					Tot	al Model and	Counts		SOUTHBOUND			NORTHBOLING	1
914   940   UpRiver Dr west of US 95   141   133   1.06   103   27   3.81   38   106   0.36     969   9457   Cougar Gulch Rd west of US 95   30   141   0.21   13   110   0.12   17   31   0.55     1017   9437   Burma Rd Si/O Gozzer Rd   243   36   6.75   150   10   15.00   93   26   3.58     9436   1017   Start Rd Si	DE Geoloti							07 Model					
969   9457   Cougar Gulch Rd west of US 95   30   141   0.21   13   110   0.12   17   31   0.55													
1017   9437   Burma Rd S/O Gozzer Rd   243   36   6.75   150   10   15.00   93   26   3.58     9436   1017   SLP 7 N/O Burma   342   239   1.43   194   166   1.17   148   73   2.03     1045   1057   LaTour Creek Rd south of I 90   0   21   0.00   0   5   0.00   0   0   16   0.00     1030   1034   SLP 3 S/O I 90   258   141   1.83   157   50   3.14   101   91   1.11     1014   711   1.43   617   368   1.68   397   343   1.16     SCREENLINE NUMBER: #14   Spirit Lake Pend'O Reille Screenline #14     SCREENLINE LOCATION: Spirit Lake Pend'O Reille Screenline #14   SCREENLINE COATION: Spirit Lake Pend'O Reille Screenline #14     SCREENLINE NUMBER: #14   Spirit Lake Pend'O Reille Screenline #14   SCREENLINE NUMBER: #15   SOUTHBOUND   SOUTHBO													
9436 1017 SH 97 N/O Burma 342 239 1.43 194 166 1.17 148 73 2.03 1045 1057 LaTour Creek Rd south of 190 0 21 0.00 0 5 0.00 0 16 0.00 16 0.00 16 0.00 170 1030 1034 SH 3 S/O 190 258 141 1.83 157 5 0 3.14 101 191 1.11 1.11 1.12 107 TOTAL 1014 711 1.43 617 368 1.68 397 343 1.16 105 105 105 105 105 105 105 105 105 105		1017			243	36	6.75	150	10	15.00	93	26	
1045   1057   LaTour Creek Rd south of I 90   21   0.00   0   5   0.00   0   16   0.00     1030   1034   SH 3 KO I 90   258   141   1.83   157   50   3.14   101   91   1.11     1014   711   1.43   617   368   1.68   397   343   1.16     3015   3015   3015   3015   3015   3015   3015   3015   3015     3016   3017   3015   3015   3015   3015   3015   3015     3017   3018   3017   3015   3015   3015   3015   3015   3015     3017   3018   3017   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015     3018   3019   3015   3015   3015   3015   3015     3018   3018   3015   3015   3015   3015   3015     3018   3018   3018   3015   3015   3015   3015   3015     3018   3018   3015   3015   3015   3015   3015     3018   3018   3015   3015   3015   3015   3015     3018   3018   3015   3015   3015   3015   3015   3015     3018   3018   3015   3015   3015   3015   3015   3015     3018   3018   3015   3015   3015   3015   3015   3015     3018   3018   3015   3015   3015   3015   3015     3018   3018   3015   3015   3015   3015   3015   3015     3018   3018   3015   3015   3015   3015   3015   3015     3018   3018   3015   3015   3015   3015   3015     3018   3018   3015											148		
1030   1034   SH 3 SiO I 90   258   141   1.83   157   50   3.14   101   91   1.11													
TOTAL   1014   711   1.43   617   368   1.68   397   343   1.16													
SCREENLINE NUMBER: #14   SCREENLINE LOCATION:   Spirit Lake   Pend'O Reille Screenline #14   SCREENLINE LOCATION:   Spirit Lake   SCREENLINE NUMBER:   SOUTHBOUND		1000	1004										
Script Lake   Pend'O Reille   Screenline #14	SCREENLINE NUMB	FR-	#14	101712			1.40	0.,		1.00	007		1.10
Corresponding Links: SB/EB to NB/WB   Total Model and Counts   Counts Model Counts   Count				e Pend'O Reille Screenline #14									
From         To         ARTERIAL NAME         07_Model         07_Counts         Model/Counts         07_Model         07_Counts         Model/Counts         07_Model         08_D         08_D         08_D         0.00         08_D         0.00         0.	SL Section				Tot	al Model and	Counts		SOUTHBOUND			NORTHBOUND	0
201   9857 US 95 north of Athol   572   573   1.00   297   298   1.00   275   275   1.00   10003   198 SH 41 north of Spirit Lake   368   369   1.00   236   236   1.00   132   133   0.99   204   213 SH 41 south of Spirit Lake   568   514   1.11   300   337   0.89   268   177   1.15   202   212   Perimeter Rd north of SH 54   28   23   1.22   20   17   1.18   8   6   1.33   1.								07 Model					
10003 198 SH 41 north of Spirit Lake 368 369 1.00 236 236 1.00 132 133 0.99 204 213 SH 41 south of Spirit Lake 568 514 1.11 300 337 0.89 268 177 1.51 202 212 Perimeter Rd north of SH 54 28 23 1.22 20 17 1.18 8 6 1.33													
204     213     SH 41 south of Spirit Lake     568     514     1.11     300     337     0.89     268     177     1.51       202     212     Perimeter Rd north of SH 54     28     23     1.22     20     17     1.18     8     6     1.33													
202 212 Perimeter Rd north of SH 54 28 23 1.22 20 17 1.18 8 6 1.33													
1111 1111 1111 1111 1111 1111		202											

RUN# 9b 2007 NEW LU, Roundabouts, UPDATED EXTERNAL COUNTS, I-X, X-I AND X-X, Trip Rates, Trip Distribution and No Node Delay

Date: 3/20/2009

File Location W:\087219\KMPO Model\KMPO Model Run\Screenlines\

Originated by: Tony wang



SCREENLINE NUMB		#15										
SCREENLINE LOCA			View Rd. Screenline # 15									
SL Section	Correspond	ding Links	S: SB/EB to NB/WB	Tot	al Model and	Counts		EASTBOUND			WESTBOUND	
	From		ARTERIAL NAME	07_Model	07_Counts	Model/Counts	07_Model	07_Counts	Model/Counts	07_Model	07_Counts	Model/Counts
	9945	471	SH 53 (W/O Prairie Ave)	630	785	0.80	170	262	0.65	460	523	0.88
	647	648	Seltice Way	334	446	0.75	107	218	0.49	227	228	1.00
	544	10146	Poleline Ave.	51	42	1.21	15	10	1.50	36	32	1.13
	473	9019	Prairie Rd.	177	217	0.82	49	92	0.53	128	125	1.02
	440	401	SH 53	824	804		289	345	0.84	535	459	1.17
	9222		Riverbend Ave	114			29	39	0.74	85	71	1.20
	OLLL	- OLLO	TOTAL	2130			659	966	0.68	1471	1438	
SCREENLINE NUMB	ED-	#16		2.00			-		0.00	1-11.1	1400	
SCREENLINE NOWE			Rd. Screenline # 16									
SL Section			S: SB/EB to NB/WB	Tot	al Model and	Counte		EASTBOUND			WESTBOUND	
or oeciini	From		ARTERIAL NAME				07 Model		Model/Counts	07 Model		Model/Counts
						Model/Counts						
	651		Seltice Way Poleline Ave.	571			299	382	0.78	272	302	
	547			107			42	41	1.02	65	37	1.76
	476		Prairie Rd.	225			84	113	0.74	141	111	1.27
	401	366	SH 53	1034			398	290	1.37	636	521	1.22
			TOTAL	1937	1797	1.08	823	826	1.00	1114	971	1.15
SCREENLINE NUMB		#17										
SCREENLINE LOCA			d. Screenline # 17									
SL Section			S: SB/EB to NB/WB		al Model and			EASTBOUND			WESTBOUND	
	From		ARTERIAL NAME	07_Model	07_Counts	Model/Counts	07_Model	07_Counts	Model/Counts	07_Model	07_Counts	Model/Counts
	9439		Seltice Way	759	896	0.85	462	516	0.90	297	380	0.78
	550	551	Poleline Ave.	184	174	1.06	88	92	0.96	96	82	1.17
	478	479	Prairie Rd.	245	266	0.92	98	154	0.64	147	112	1.31
	411	1148	Hayden Rd.	373	189	1.97	174	95	1.83	199	94	2.12
			TOTAL	1561	1525	1.02	822	857	0.96	739	668	1.11
SCREENLINE NUMB	FR-	#18										
SCREENLINE LOCA			St. Screenline # 18									
SL Section			S: SB/EB to NB/WB	Tot	al Model and	Counts		EASTBOUND			WESTBOUND	
OL GOUIGH	From		ARTERIAL NAME			Model/Counts	07 Model		Model/Counts	07 Model		Model/Counts
	753		4th St.	227	182		128	113	1.13	99	69	
	765		3rd St	46			16	117	0.14	30	172	
	9004		Seltice Way	878			466	454	1.03	412	425	0.17
			Settice Way Poleline Ave.							159		0.97
	552			428			269	235	1.14		204	
	480	481	Prairie Rd.	300			139	201	0.69	161	144	1.12
			TOTAL	1879	2134	0.88	1018	1120	0.91	861	1014	0.85

RUN# 9b 2007 NEW LU, Roundabouts, UPDATED EXTERNAL COUNTS, I-X, X-I AND X-X, Trip Rates, Trip Distribution and No Node Delay

Date: 3/20/2009

File Location W:\087219\KMPO Model\KMPO Model Run\Screenlines\

Originated by: Tony wang





SCREENLINE NUMB	ER:	#19										
SCREENLINE LOCAT	TION:	Idaho St.	Screenline # 19									
SL Section	Correspond	ding Links	: SB/EB to NB/WB To	al Model an	d Counts		EASTBOUND			WESTBOUND		
	From		ARTERIAL NAME			Model/Counts	07_Model		Model/Counts	07_Model		Model/Counts
	724		4th St.		46 69			55	2.33	18	14	
	682		Seltice Way		51 1046		940	623	1.51	711	423	
	554		Poleline		80 50		173	286	0.60	207	215	
	482	483	Prairie Rd.		15 392		215	226	0.95	200	166	
			TOTAL	25	92 2008	3 1.29	1456	1190	1.22	1136	818	1.39
SCREENLINE NUMB		#20										
SCREENLINE LOCA			rrry Rd. Screenline # 20									
SL Section				al Model an			EASTBOUND			WESTBOUND		
	From		ARTERIAL NAME			Model/Counts	07_Model		Model/Counts	07_Model		Model/Counts
	9929 728		3rd St.		36 172 37 807		75 301	89 405	0.84	61 236	83	
			Seltice Way Mullan Ave	_			301 I 197	405 260	0.74	236 154	402 266	
	664 635		Mullan Ave 12th		51 526 88 105		197	260 55	0.76 3.07	154	266 50	
	606		16th		31 144		169	70	1.14	51	74	
	558		Poleline Ave		91 644		191	454	0.42	200	190	
	486		Prairie Rd.	_	81 404		297	237	1.25	384	190	2.30
	400		Hayden Rd.	_	95 235		174	124	1.40	221	111	
	1101		Wyoming Ave	-	0 4		0	17	0.00	0	27	
	309		SH 53	0	87 819		492	277	1.78	495	542	
	000	0020	TOTAL		97 3900		1976	1988	0.99	1821	1912	
SCREENLINE NUMB	FR:	#21										
SCREENLINE LOCAT			reenline # 21									
SL Section	Correspond	ding Links	: SB/EB to NB/WB To	al Model an	d Counts		EASTBOUND			WESTBOUND		
	From		ARTERIAL NAME	07_Mode	1 07_Counts	Model/Counts	07_Model	07_Counts	Model/Counts	07_Model	07_Counts	Model/Counts
	9382	734	Seltice Way	8	20 119	0.69	763	774	0.99	57	417	0.14
	9791		Seltice Way (Duplicate - new count)		04 1164		748	836	0.89	256	328	
	668		Mullan Ave		36 654		367	331	1.11	169	323	
	561		Poleline Rd.		46 48		258	239	1.08	288	246	
	10057		Prairie Rd.	_	92 384		304	219	1.39	388	165	
	10138		Hayden Rd.	3	97 236		175	123	1.42	222	113	
	9037		Wyoming		0 118		0	62	0.00	0	53	
	1151		Lancaster		6 14		0	6	0.00	6	8	
	324		Nagel Ln		59 202		7 5	98	0.07	52	104	
	287		McCarney St N/O SR41		11 88			50	0.10	6	38	
	9305		Stevens St		87 130 0 157		22	83	0.27	65	47 122	1.38
	9306 9295		Washington St Boekel Rd		0 157 93 45		63	35 31	0.00 2.03	30	122	
	9295	310	TOTAL		93 4: 51 486:		63 2712	31 2887	2.03 0.94	1539	14 1978	
			TOTAL	42	J1 4000	0.07	2/12	200/	0.94	1039	19/6	0.70

RUN# 9b 2007 NEW LU, Roundabouts, UPDATED EXTERNAL COUNTS, I-X, X-I AND X-X, Trip Rates, Trip Distribution and No Node Delay

Date: 3/20/2009

File Location W:\087219\KMPO Model.KMPO Model Run\Screenlines\

Originated by: Tony wang



SCREENLINE NUMB SCREENLINE LOCA		#22	d Screenline # 22									
SL Section				tal Model and	Counte		EASTBOUND			WESTBOUND		
SE Section	From T		ARTERIAL NAME			Model/Counts	07 Model	07 Counts	Model/Counts	07 Model	07 Counts	Model/Counts
	9766	_	Maplewood	2	_		0	45	0.00	28	34	0.82
	793		Seltice Way	61	7 885	0.70	579	503	1.15	38	382	0.10
	9043		Mullan Ave	9			56	53	1.06	38	22	1.73
	494		Prairie Bd.	65			335	438	0.76	318	308	1.03
	1160	367	Wyoming Ave		3		0	2	0.00	0	1	0.00
	1158		Lancaster Ave	18	3 30	6.27	93	15	6.20	95	15	6.33
	417	418	Hayden Rd.	125	1 536	2.33	608	306	1.99	643	230	2.80
	10036	1096	Boekel Ave	12	7 158	0.80	81	88	0.92	46	70	0.66
			TOTAL	295	3 2512	1.18	1752	1450	1.21	1206	1062	1.14
SCREENLINE NUMB	ER:	#23										
SCREENLINE LOCAT			Rd Screenline # 23									
SL Section				tal Model and			EASTBOUND			WESTBOUND		
	From T		ARTERIAL NAME			Model/Counts	07_Model		Model/Counts	07_Model		Model/Counts
	857		Ironwood Dr	82			500	577	0.87	329	226	1.46
	813 689		Appleway	19			114	336	0.34	82	333	0.25
			Kathleen Ave	75			451	665	0.68	304	476	
	613	9083	Dalton Ave	18	344	0.52	70	182	0.38	110	162	0.68
	613 569	9083 9100	Dalton Ave Hanley Ave	18 71	344 1 517	0.52 1.38	70 439	182 263	0.38 1.67	110 272	162 254	0.68 1.07
	613 569 524	9083 9100 10117	Dalton Ave Hanley Ave Wilbur Ave Pinegrove	18 71 8	344 1 517 2 144	0.52 1.38 0.57	70 439 51	182 263 73	0.38 1.67 0.70	110 272 31	162 254 71	0.68 1.07 0.44
	613 569 524 498	9083 9100 10117 9050	Dalton Ave Hanley Ave Wilbur Ave Pinegrove Prairie Ave	18 71 8 89	344 1 517 2 144 0 934	0.52 1.38 0.57 0.95	70 439 51 491	182 263 73 552	0.38 1.67 0.70 0.89	110 272 31 399	162 254 71 382	0.68 1.07 0.44 1.04
	613 569 524 498 450	9083 9100 10117 9050 451	Dalton Ave Hanley Ave Wilbur Ave Pinegrove Prairie Ave Honeysuckle Ave	18 71 8 89 6	344 1 517 2 144 0 934 1 176	0.52 1.38 0.57 0.95 0.35	70 439 51 491 33	182 263 73 552 99	0.38 1.67 0.70 0.89 0.33	110 272 31 399 28	162 254 71 382 77	0.68 1.07 0.44 1.04 0.36
	613 569 524 498 450 422	9083 9100 10117 9050 451 423	Dalton Ave Hanley Ave Wilbur Ave Pinegrove Prairie Ave Honeysuckle Ave Hayden Ave	18 71 8 89 6 76	0 344 1 517 2 144 0 934 1 176 7 569	0.52 1.38 0.57 0.95 0.35	70 439 51 491	182 263 73 552 99 278	0.38 1.67 0.70 0.89 0.33 1.13	110 272 31 399 28 453	162 254 71 382 77 291	0.68 1.07 0.44 1.04 0.36 1.56
	613 569 524 498 450 422 387	9083 9100 10117 9050 451 423 388	Dalton Ave Hanley Ave Wilbur Ave Pinegrove Praine Ave Honeysuckle Ave Hayden Ave Miles Ave	18 71 8 89 6 76	344 1 517 2 144 0 934 1 176 7 569 3 67	0.52 1.38 0.57 0.95 0.35 1.35 0.19	70 439 51 491 33 314	182 263 73 552 99 278 21	0.38 1.67 0.70 0.89 0.33 1.13 0.05	110 272 31 399 28 453	162 254 71 382 77 291 46	0.68 1.07 0.44 1.04 0.36 1.56 0.26
	613 569 524 498 450 422	9083 9100 10117 9050 451 423 388 369	Dalton Ave Hanley Ave Wilbur Ave Pinegrove Prairie Ave Honeysuckle Ave Hayden Ave	18 71 8 89 6 76	0 344 1 517 2 144 0 934 1 176 7 569 3 67 3 178	0.52 1.38 0.57 0.95 0.35 1.35 0.19	70 439 51 491 33 314	182 263 73 552 99 278	0.38 1.67 0.70 0.89 0.33 1.13	110 272 31 399 28 453	162 254 71 382 77 291	0.68 1.07 0.44 1.04 0.36 1.56 0.26 0.47
	613 569 524 498 450 422 387 368	9083 9100 10117 9050 451 423 388 369 337	Dalton Ave Hanley Ave Wilbur Ave Pinegrove Prairie Ave Honeysuckle Ave Hayden Ave Miles Ave Wyoming Ave	18 71 8 89 6 76 1:	0 344 1 517 2 144 0 934 1 176 7 569 3 67 3 178 8 84	0.52 1.38 0.57 0.95 0.35 1.35 0.19 0.94 2.71	70 439 51 491 33 314 1	182 263 73 552 99 278 21 82	0.38 1.67 0.70 0.89 0.33 1.13 0.05 1.50	110 272 31 399 28 453 12	162 254 71 382 77 291 46 96	0.68 1.07 0.44 1.04 0.36 1.56 0.26 0.47 3.06
	613 569 524 498 450 422 387 368 336	9083 9100 10117 9050 451 423 388 369 337 10072	Dalton Ave Hanley Ave Wilbur Ave Pinegrove Prairie Ave Honeysuckle Ave Hayden Ave Miles Ave Wyoming Ave Lancaster Ave	18 71 8 89 6 76 1: 16	0 344 1 517 2 144 0 934 1 176 7 569 3 67 3 178 3 84 7 158	0.52 1.38 0.57 0.95 0.35 1.35 0.19 0.94 2.71	70 439 51 491 33 314 1 123 121	182 263 73 552 99 278 21 82 49	0.38 1.67 0.70 0.89 0.33 1.13 0.05 1.50 2.47	110 272 31 399 28 453 12 45	162 254 71 382 77 291 46 96 35	0.68 1.07 0.44 1.04 0.36 1.56 0.26 0.47 3.06 6.36
	613 569 524 498 450 422 387 368 336 9032	9083 9100 10117 9050 451 423 388 369 337 10072 270	Dalton Ave Hanley Ave Wilbur Ave Pinegrove Praine Ave Honeysuckle Ave Hayden Ave Miles Ave Wyoming Ave Lancaster Ave Boekel Rd	18 71 8 89 6 76 1: 16 22 73 66	0 344 1 517 2 144 0 934 1 176 7 569 3 67 3 178 3 84 7 158	0.52 1.38 0.57 0.95 0.35 1.35 0.19 0.94 2.71 4.66	70 439 51 491 33 314 1 123 121 400	182 263 73 552 99 278 21 82 49	0.38 1.67 0.70 0.89 0.33 1.13 0.05 1.50 2.47 3.81	110 272 31 399 28 453 12 45 107 337	162 254 71 382 77 291 46 96 35	0.68 1.07 0.44 1.04 0.36 0.26 0.47 3.06 6.36 1.26
	613 569 524 498 450 422 387 368 336 9032	9083 9100 10117 9050 451 423 388 369 337 10072 270 1140	Dalton Ave Hanley Ave Wilbur Ave Pinegrove Prairie Ave Honeysuckle Ave Hayden Ave Miles Ave Wyoming Ave Lancaster Ave Boekel Rd Hwy 53	18 71 8 89 6 76 1: 16 22 73 66	0 344 1 517 2 144 1 176 7 569 3 67 3 178 8 4 7 158 1 565 3 155	0.52 1.38 0.57 0.95 0.35 1.35 0.19 0.94 2.71 4.66 1.17	70 439 51 491 33 314 1 123 121 400	182 263 73 552 99 278 21 82 49 105 334	0.38 1.67 0.70 0.89 0.33 1.13 0.05 1.50 2.47 3.81 1.11	110 272 31 399 28 453 12 45 107 337 290	162 254 71 382 77 291 46 96 35 53 231	0.64 0.68 1.07 0.44 1.04 0.36 0.26 0.47 3.06 6.36 1.26 0.03
	613 569 524 498 450 422 387 368 336 9032 269 251	9083 9100 10117 9050 451 423 388 369 337 10072 270 1140 1139	Dalton Ave Hanley Ave Wilbur Ave Pinegrove Prairie Ave Honeysuckle Ave Hayden Ave Miles Ave Wyoming Ave Lancaster Ave Boekel Rd Hwy 53 Garwood Rd	18 71 8 89 6 76 1: 16 22 73 66	344 1 517 2 144 0 934 1 176 7 569 3 67 3 178 8 84 7 158 3 155 3 33	0.52 1.38 0.57 0.95 0.35 1.35 0.19 0.94 2.71 4.66 1.17 0.02	70 439 51 491 33 314 1 123 121 400 371 1	182 263 73 552 99 278 211 82 49 105 334	0.38 1.67 0.70 0.89 0.33 1.13 0.05 1.50 2.47 3.81 1.11	110 272 31 399 28 453 12 45 107 337 290 2	162 254 71 382 77 291 46 96 35 53 231 58	0.68 1.07 0.44 1.04 0.36 1.55 0.26 0.47 3.06 6.36 1.22

RUN# 9b 2007 NEW LU, Roundabouts, UPDATED EXTERNAL COUNTS, I-X, X-I AND X-X, Trip Rates, Trip Distribution and No Node Delay

Date: 3/20/2009

File Location W:\087219\KMPO Model\KMPO Model Run\Screenlines\

Onginated by: Tony wang



SCREENLINE NUMB SCREENLINE LOCAT	ED.											
SCREENLINE LOCAT		#24										
			reenline # 24									
SL Section				al Model and			EASTBOUND			WESTBOUND		
	From 892	To	ARTERIAL NAME Walnut St	07_Mode1		Model/Counts 1.43	07_Model 77	07_Counts	Model/Counts 0.69	07_Model 188	07_Counts 74	Model/Counts 2.54
	9895		Walnut St US 95	89			492	372	1.32	403	339	2.54 1.19
	9903		Old US 95 n/o SH53	61		2.38	264	175	1.51	354	85	4.16
	896		Northwest Blvd	148			1026	1271	0.81	463	349	1.33
	868		Ironwood Blvd	67			266	271	0.98	406	259	1.57
	831	832	Appleway Ave	42		0.52	235	440	0.53	193	377	0.51
	761		Neider Ave	75			350	259	1.35	400	187	2.14
	691			25			150	340	0.44	104	355	0.29
	615	616	Dalton Ave	58		1.20	231	295	0.78	354	194	1.82
	571	9054	Hanley Ave	63	531	1.20	368	281	1.31	268	250	1.07
	500		Prairie Ave	69	622		349	345	1.01	349	277	1.26
	454	455	Honeysuckle Ave	62	2 461	1.35	360	221	1.63	262	240	1.09
	426	427	Hayden Ave	21	7 595	0.36	108	250	0.43	109	345	0.32
	9982	392	Miles Ave	24	9 236	1.06	89	139	0.64	160	97	1.65
	9983	373	Wyoming Ave	35	1 156	2.25	62	68	0.91	289	88	3.28
	338	339	Lancaster Ave	34	1 108	3.16	56	66	0.85	285	42	6.79
	252	253	Garwood Rd	114	1 199	0.57	34	52	0.65	80	147	0.54
	246	247	Ohio Match Rd	2	7 58	0.47	14	15	0.93	13	43	0.30
			TOTAL	921	1 8719	1.06	4531	4971	0.91	4680	3748	1.25
SCREENLINE NUMB	ER:	#25										
SCREENLINE LOCAT			e KMPO Screenline # 25									
SL Section				al Model and			EASTBOUND			WESTBOUND		
	From	ТО	ARTERIAL NAME	07 Model	07 Counts							
	9015					Model/Counts	07_Model		Model/Counts	07_Model		Model/Counts
			Seltice Way W/O Beck Rd	34	1 327	1.05	141	136	1.04	07_Model 203	191	1.06
	1049	9355	Elder Rd @ Washington Line	34	327	1.05 0.00	141	136 24	1.04 0.00	07_Model 203 0	191 27	1.06 0.00
	1068	9355 9362	Elder Rd @ Washington Line SH 58 @ Washington Line	34 13	1 327 0 51 5 136	1.05 0.00 0.99	141 0 78	136 24 79	1.04 0.00 0.99	07_Model 203 0 57	191 27 57	1.06 0.00 1.00
	1068 1062	9355 9362 9354	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95	13	4 327 0 51 5 136 0 7	1.05 0.00 0.99 0.00	141 0 78 0	136 24 79 3	1.04 0.00 0.99 0.00	07_Model 203 0 57	191 27 57 4	1.06 0.00 1.00 0.00
	1068 1062 514	9355 9362 9354 9945	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line	34 133 63	4 327 51 51 5 136 0 7 0 630	1.05 0.00 0.99 0.00 1.00	141 0 78 0 170	136 24 79 3 171	1.04 0.00 0.99 0.00 0.99	07_Model 203 0 57 0 460	191 27 57 4 459	1.06 0.00 1.00 0.00 1.00
	1068 1062 514 1046	9355 9362 9354 9945 9177	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95	34 133 ( 63) 79	4 327 5 51 6 136 0 7 0 630 9 127	1.05 0.00 0.99 0.00 1.00 0.62	141 0 78 0 170 40	136 24 79 3 171 88	1.04 0.00 0.99 0.00 0.99 0.45	07_Model 203 0 57 0 460 39	191 27 57 4 459 39	1.06 0.00 1.00 0.00 1.00 1.00
	1068 1062 514	9355 9362 9354 9945 9177	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95	344 133 633 75	4 327 5 51 5 136 0 7 0 630 9 127 3 23	1.05 0.00 0.99 0.00 1.00 0.62 0.78	141 0 78 0 170 40 6	136 24 79 3 171 88 8	1.04 0.00 0.99 0.00 0.99 0.45 0.75	07 Model 203 0 57 0 460 39	191 27 57 4 459 39	1.06 0.00 1.00 0.00 1.00 1.00 0.80
	1068 1062 514 1046 1079	9355 9362 9354 9945 9177 9783	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95	34 133 ( 63) 79	4 327 5 51 5 136 0 7 0 630 9 127 3 23	1.05 0.00 0.99 0.00 1.00 0.62	141 0 78 0 170 40	136 24 79 3 171 88	1.04 0.00 0.99 0.00 0.99 0.45	07_Model 203 0 57 0 460 39	191 27 57 4 459 39	1.06 0.00 1.00 0.00 1.00 1.00 0.80
SCREENLINE NUMB	1068 1062 514 1046 1079	9355 9362 9354 9945 9177 9783	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL	344 133 633 75	4 327 5 51 5 136 0 7 0 630 9 127 3 23	1.05 0.00 0.99 0.00 1.00 0.62 0.78	141 0 78 0 170 40 6	136 24 79 3 171 88 8	1.04 0.00 0.99 0.00 0.99 0.45 0.75	07 Model 203 0 57 0 460 39	191 27 57 4 459 39	1.06 0.00 1.00 0.00 1.00 1.00 0.80
SCREENLINE LOCAT	1068 1062 514 1046 1079 ER: TION:	9355 9362 9354 9945 9177 9783 #26 East Side	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  KMPO Screenline # 26	34 133 63 79 11 120	4 327 51 51 5 136 7 630 9 127 3 23 5 1301	1.05 0.00 0.99 0.00 1.00 0.62 0.78	141 0 78 0 170 40 6 435	136 24 79 3 171 88 8	1.04 0.00 0.99 0.00 0.99 0.45 0.75 0.85	07 Model 203 0 57 0 460 39 12 771	191 27 57 4 459 39	1.06 0.00 1.00 0.00 1.00 1.00 0.80
SCREENLINE LOCAT	1068 1062 514 1046 1079 ER: TION: Correspond	9355 9362 9354 9945 9177 9783 #26 East Side	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  KMPO Screenline # 26	344 133 633 79 11 1200	4 327 5 51 5 136 7 7 0 630 9 127 3 23 3 1301	1.05 0.00 0.99 0.00 1.00 0.62 0.78 0.93	141 0 78 0 170 40 6 435	136 24 79 3 171 88 8 509	1.04 0.00 0.99 0.00 0.99 0.45 0.75 0.85	07 Model 203 0 57 0 460 39 12 771	191 27 57 4 4 459 39 15 792	1.06 0.00 1.00 0.00 1.00 1.00 0.80 0.97
SCREENLINE LOCAT	1068 1062 514 1046 1079 ER: TION: Correspond From	9355 9362 9354 9945 9177 9783 #26 East Side	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  KMPO Screenline # 26 SSB/EB to NBWB  ARTERIAL NAME	344 133 633 79 11 1200 al Model and 07_Model	4 327 5 51 6 136 7 0 630 9 127 3 23 3 1301  Counts 07_Counts	1.05 0.00 0.99 0.00 1.00 0.62 0.78 0.93	141 0 78 0 170 40 6 435	136 24 79 3 171 88 8 509	1.04 0.00 0.99 0.00 0.99 0.45 0.75 0.85	07 Model 203 0 57 0 460 39 12 771  WESTBOUND 07_Model	191 27 57 4 459 39 15 792	1.06 0.00 1.00 0.00 1.00 0.80 0.97
SCREENLINE LOCAT	1068 1062 514 1046 1079 ER: TION: Correspond From	9355 9362 9354 9945 9177 9783 #26 East Side ling Links To	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  KMPO Screenline # 26 SB/EB to NB/WB ARTERIAL NAME  19 0 @ Shoshone Co. Line	34 13 63 7, 11 120 al Model and 07_Model	4 327 5 136 5 136 0 7 0 630 9 127 3 23 3 1301 Counts 07 Counts	1.05 0.00 0.99 0.00 1.00 0.62 0.78 0.93	141 0 78 0 170 40 6 435 EASTBOUND 07_Model	136 24 79 3 171 88 8 509	1.04 0.00 0.99 0.00 0.99 0.45 0.75 0.85	07 Model 203 0 57 0 460 39 12 771  WESTBOUND 07_Model 279	191 27 57 4 459 39 15 792 07_Counts	1.06 0.00 1.00 0.00 1.00 1.00 0.80 0.97 Model/Counts
SCREENLINE LOCAT	1068 1062 514 1046 1079 ER: TION: Correspond From 1040 949	9355 9362 9354 9945 9177 9783 #26 East Side Ing Links To 1042 9965	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  KMPO Screenline # 26 SSB/EB to NBWB TO ARTERIAL NAME 190 @ Shoshone Co. Line Fernan Lake Rd @ CdA City Limit	34 63 7 11 120 al Model and 07_Model 68 7.	4 327 5 136 6 7 0 630 9 127 3 23 3 1301 Counts 07_Counts 4 21	1.05 0.00 0.99 0.00 1.00 0.62 0.78 0.93 Model/Counts	141 0 78 0 170 40 6 435 EASTBOUND 07_Model 401	136 24 79 3 171 88 8 509 <b>07_Counts</b>	1.04 0.00 0.99 0.00 0.99 0.45 0.75 0.85 Model/Counts 1.00 2.91	07 Model 203 0 57 0 460 39 12 771  WESTBOUND 07_Model 279 42	191 27 57 4 459 39 15 792 <b>07_Counts</b> 279 10	1.06 0.00 1.00 0.00 1.00 1.00 0.80 0.97 Model/Counts
SCREENLINE LOCAT	1068 1062 514 1046 1079 ER: TION: Correspond From 1040 949 980	9355 9362 9354 9945 9177 9783 #26 East Side fing Links To 1042 9965 976	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  **KMPO Screenline # 26 **SB/EB to NBWB ARTERIAL NAME  190 @ Shoshone Co. Line Fernan Lake Rd @ CdA City Limit Mullan Trail Rd north of 190	34 13 63 7 1 1 120 al Model and 07_Model 68 7. 22	4 327 5 136 0 7 0 630 9 127 3 23 3 1301 Counts 07_Counts 0 679 4 21 9 115	1.05 0.00 0.99 0.00 1.00 0.62 0.78 0.93 Mode/Counts 1.00 3.52 1.99	141 0 788 0 170 40 6 435 EASTBOUND 07_Model 401 32 88	136 24 79 3 171 88 8 509 07_Counts 400 111 23	1.04 0.00 0.99 0.00 0.99 0.45 0.75 0.85 Model/Counts 1.00 2.911 3.83	07 Model 203 0 57 0 460 39 12 771  WESTBOUND 07_Model 279 42 141	191 27 57 4 459 39 15 792 07_Counts 279 10	1.06 0.00 1.00 0.00 1.00 0.80 0.97 Model/Counts 1.00 4.20 1.53
SCREENLINE LOCAT	1068 1062 514 1046 1079 ER: TION: Correspond From 1040 949 980 990	9355 9362 9354 9945 9177 9783 #26 East Side ling Links TO 1042 9965 976 987	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  **KMPO Screenline # 26 SS/EB to NB/WB ARTERIAL NAME 19 @ Shoshone Co. Line Fernan Lake Rd @ CdA City Limit Mullan Trail Rd north of I 90 Sunnyside Rd south of Mullan Trail	34 13 13 63 77 11 120 al Model and 07_Model 68 7, 22	4 327 5 136 0 7 0 630 0 127 3 23 3 1301 Counts 07_Counts 0 679 4 21 9 115 0 35	1.05 0.00 0.99 0.00 1.00 0.62 0.78 0.93 Model Counts 1.00 3.52 1.99	141 0 78 0 170 40 6 435 EASTBOUND 07_Model 32 88 6	136 24 79 3 171 88 8 509 07_Counts 400 11 23 10	1.04 0.00 0.99 0.00 0.99 0.45 0.75 0.85 Model/Counts 1.00 2.91 3.83 0.60	07 Model 203 0 0 57 0 460 39 12 771  WESTBOUND 07 Model 279 42 141 14	191 27 57 4 459 39 15 792 07_Counts 279 10 92 25	1.06 0.00 1.00 0.00 1.00 0.80 0.97 Model/Counts 4.20 1.53 0.56
SCREENLINE LOCAT	1068 1062 514 1046 1079 ER: TION: Correspond From 1040 949 980 990 344	9355 9362 9354 9945 9177 9783 #26 East Side Ilng Links To 1042 9965 9766 987 345	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  KMPO Screenline # 26 SSB/EB to NBWB TO ARTERIAL NAME 190 @ Shoshone Co. Line Fernan Lake Rd @ CdA City Limit Mullan Trail Rd north of 190 Sunnyside Rd south of Mullan Trail Lancaster Rd east of Rimrock	34 133 63 77 11 120 al Model and 07_Model 68 7, 22; 21	4 327 5 136 0 7 0 630 0 127 3 23 6 1301 Counts 07_Counts 07_Counts 04 21 9 115 9 35 2 102	1.05 0.00 0.99 0.00 1.00 0.62 0.78 0.93 Model/Counts 1.00 3.52 1.99 0.57 2.27	141 0 78 0 170 40 6 435 EASTBOUND 07_Model 401 32 88 6 6	136 24 79 3 171 88 8 509 <b>07_Counts</b> 400 111 23 100	1.04 0.00 0.99 0.00 0.99 0.45 0.75 0.85 Model/Counts 1.00 2.91 3.83 0.60 1.22	07 Model 203 0 0 57 0 460 39 12 771  WESTBOUND 07_Model 279 42 141 144 172	191 27 57 4 459 39 15 792 07_Counts 279 10 92 25 53	1.06 0.00 1.00 1.00 1.00 0.80 0.97 Model/Counts 1.00 4.20 1.53 0.56 3.25
SCREENLINE LOCAT	1068 1062 514 1046 1079 ER: TION: Correspond From 1040 949 980 990 344 249	9355 9362 9354 9945 9177 9783 #26 East Side filing Links To 1042 9965 976 987 3455 250	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  **KMPO Screenline # 26 **SB/EB to NBWB ARTERIAL NAME 190 @ Shoshone Co. Line Fernan Lake Rd @ CdA City Limit Mullan Trail Rd north of 190 Sunnyside Rd south of Mullan Trail Lancaster Rd east of Rimrock Ohio Match Rd East of Rimrock	34 13 63 7, 1 1 120 al Model and 07_Model 7, 22 2 2	1 327 5 136 5 138 0 7 6 30 9 127 3 23 3 1301 Counts 07 Counts 0 679 4 21 9 115 0 35 2 102 2 20	1.05 0.00 0.99 0.00 1.00 0.62 0.78 0.93  Model Counts 1.00 3.52 1.99 0.57 2.27 0.00	141 0 788 0 170 40 6 435 EASTBOUND 07_Model 32 88 6 60 0	136 24 79 3 1711 88 8 509 07_Counts 400 111 23 10 49 14	1.04 0.00 0.99 0.00 0.99 0.45 0.75 0.85 Model/Counts 1.00 2.91 3.83 0.60 1.22	07 Model 203 0 57 0 460 39 12 771  WESTBOUND 07_Model 279 42 141 144 172 0	191 27 57 4 459 39 15 792 07_Counts 279 10 92 25 53	1.06 0.00 1.00 0.00 1.00 0.80 0.97 Model/Counts 1.00 4.20 1.53 0.56 3.25
SCREENLINE LOCAT	1068 1062 514 1046 1079 ER: TION: Correspond From 1040 949 980 990 344 249 232	9355 9362 9354 99177 9783 #26 East Side Ilng Links To 1042 9965 976 987 345 250 233	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  **KMPO Screenline # 26 SEREB to NBWB TO ARTERIAL NAME 19 @ Shoshone Co. Line Fernan Lake Rd @ CdA City Limit Mullan Trail Rd north of 190 Sunnyside Rd south of Mullan Trail Lancaster Rd east of Rimrock Ohio Match Rd East of Rimrock Rd Bunco Rd @ Nunn Rd	34 13 13 63 77 11 120 al Model and 07_Model 68 7, 22 23	4 327 5 136 0 630 0 127 3 23 3 1301 Counts 07_Counts 07_Counts 0 679 4 21 0 115 0 35 2 102 2 102 2 2 3	1.05 0.00 0.99 0.00 1.00 0.62 0.78 0.93 Model Counts 1.00 3.52 1.99 0.57 2.27 0.00	141 0 78 0 170 40 6 435 EASTBOUND 07_Model 401 32 88 6 60 0 164	136 24 79 3 171 88 509 07_Counts 400 11 23 10 49 14	1.04 0.00 0.99 0.00 0.99 0.45 0.75 0.85 Model/Counts 1.00 2.91 3.83 0.60 1.22 0.00 41.00	07 Model 203 0 0 57 0 460 39 12 771  WESTBOUND 07 Model 279 42 141 172 0 51	191 27 57 4 459 39 15 792 07_Counts 279 10 92 25 53 9	1.06 0.00 1.00 1.00 0.80 0.97 Model/Counts 1.00 4.20 1.53 0.56 3.25 0.00
SCREENLINE LOCAT	1068 1062 514 1046 1079 ER: TION: Correspond From 1040 949 980 990 344 249	9355 9362 9354 99177 9783 #26 East Side Ilng Links To 1042 9965 976 987 345 250 233	Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  **KMPO Screenline # 26 **SB/EB to NBWB ARTERIAL NAME 190 @ Shoshone Co. Line Fernan Lake Rd @ CdA City Limit Mullan Trail Rd north of 190 Sunnyside Rd south of Mullan Trail Lancaster Rd east of Rimrock Ohio Match Rd East of Rimrock	34 13 63 7, 1 1 120 al Model and 07_Model 7, 22 2 2	4 327 5 136 0 7 0 630 0 127 3 23 5 1301 Counts 07_Counts 04 21 9 115 0 35 2 102 0 23 5 24 1 176	1.05 0.00 0.99 0.00 1.00 0.62 0.78 0.93  Model Counts 1.00 3.52 1.99 0.57 2.27 0.00 8.966 1.03	141 0 788 0 170 40 6 435 EASTBOUND 07_Model 32 88 6 60 0	136 24 79 3 1711 88 8 509 07_Counts 400 111 23 10 49 14	1.04 0.00 0.99 0.00 0.99 0.45 0.75 0.85 Model/Counts 1.00 2.91 3.83 0.60 1.22	07 Model 203 0 57 0 460 39 12 771  WESTBOUND 07_Model 279 42 141 144 172 0	191 27 57 4 459 39 15 792 07_Counts 279 10 92 25 53	1.06 0.00 1.00 0.00 1.00 0.80 0.97  Model/Counts 1.00 4.20 1.53 0.56 3.25

RUN# 9b 2007 NEW LU, Roundabouts, UPDATED EXTERNAL COUNTS, I-X, X-I AND X-X, Trip Rates, Trip Distribution and No Node Delay

Date: 3/20/2009

File Location W:\087219\KMPO Model\KMPO Model Run\Screenlines\

Originated by: Tony wang



SCREENLINE NUMBER:   #28   19													
Station   Corresponding Links: SBEE 10 NBWB   Total Model and Course   From   To   ARTERIL NAME   07   Model   07   Course   Model Course   08   Course													
Prior   To													
9/33 944 Jovernment Way 934 196 1.70 199 110 1.81 135 88 1.5  944 951 NO Shemma Ave 842 762 1.10 478 426 1.12 964 396 11.0  9625 931 Foster Ave 389 118 3.30 226 46 4.91 163 72 2.2  838 383 ApplewayBeat Ave 829 808 1.03 250 385 0.65 579 423 1.3  777 77 Nikoter Ave 635 372 1.71 251 151 1.66 384 221 1.7  10159 964 Margarest Ave 439 965 0.74 153 222 0.69 286 373 0.7  10159 964 Margarest Ave 439 965 0.74 153 222 0.69 286 373 0.7  10159 965 101 101 101 101 101 101 101 101 101 10	SL Section						MadeliOsumia		07. 0	Madel/Occupie		07. Counts	Madelia
944   951 NU Sherman Ave					_				_		_		
Page													
9812   900  Harrison Ave   182   426   0.43   61   188   0.32   121   238   0.55     838   344   Applewsylbest Ave   629   808   1.03   250   385   0.55   579   422   1.75     777   779   Neider Ave   635   372   1.71   251   151   1.66   384   221   1.75     10159   648   Margaret Ave   4.39   595   0.74   153   222   0.99   286   373   0.75     617   618   Dalton Ave   372   553   0.67   175   305   0.57   418   188   0.22     573   528   Wilbur Ave   108   300   0.38   60   112   0.54   48   188   0.22     575   528   Wilbur Ave   129   71   1.82   73   30   2.43   56   41   1.33     502   503   Prains Ave   607   603   1.01   199   163   1.22   408   440   0.98     456   457   Honsysuckle Ave   165   360   0.48   65   127   0.51   100   233   0.4     428   429   Hayden Ave   165   360   0.48   65   127   0.51   100   233   0.4     438   429   Hayden Ave   225   168   1.34   70   58   1.21   1.55   110   1.4     393   344   Miles Ave   225   168   1.34   70   58   1.21   1.55   110   0.23     304   Myoning Ave   225   168   1.34   70   58   1.21   1.55   110   1.4     577   479   4													
833   834   Appleway Beat Ave   829   808   1.03   250   385   0.65   579   423   1.37													
1777   779   Neider Ave   635   372   1.71   251   151   1.66   384   221   1.77   1015   616   614   Margaret Ave   439   595   0.74   153   222   0.69   286   373   0.77   0.75   757   416   1016   Ave   108   300   0.36   60   1112   0.54   48   188   0.22   0.25   0.25   527   528   Wilbur Ave   108   300   0.36   60   1112   0.54   48   188   0.22   0.25													
10159													
617   618   Dalion Ave													
ST   ST   Hanley Ave   108   300   0.36   60   112   0.54   48   188   0.22   527   528   Wilbur Ave   129   71   1.82   73   30   2.43   56   41   1.3   502   503   Prairie Ave   607   603   1.01   199   163   1.22   408   404   0.34   456   457   Honeysuckle Ave   370   287   1.29   148   104   1.42   222   183   1.2   428   429   Hayden Ave   165   360   0.46   65   127   0.51   100   233   0.4   393   334   Miles Ave   2.25   168   1.34   70   58   1.21   155   110   1.4   339   340   Lancaster Ave   333   211   1.58   79   77   1.03   2.54   1.34   1.9   1.													
SCREENLINE NUMBER: #28   100													
SCREENLINE NUMBER:   #28   #30   #													
456   457   Honeysuckle Ave   370   287   1.29   148   104   1.42   222   183   1.2													
428   429 Hayden Ave													
938 394 Miles Ave 225 188 1.34 70 58 1.21 1.55 110 1.4 374 9044 Myoming Ave 200 58 3.45 1 14 0.07 199 44 4.5 339 340 Lancaster Ave 333 211 1.58 79 77 1.03 2.54 134 1.99 SCREENLINE NUMBER: #28 SCREENLINE LOCATION: 190 Ramps Screenline #28 SCREENLINE SCREENLINE SCREEN TO ALL 8 10 10 10 10 10 10 10 10 10 10 10 10 10													
374   9044   Wyoming Ave   200   58   3.45   1   14   0.07   199   44   4.55     339   340   Lancaster Ave   313   211   1.58   79   77   1.03   254   134   1.99     SCREENLINE NUMBER: #28   #28     SCREENLINE LOCATION:   190   Ramps Screenline #28													
SCREENLINE NUMBER:   #28													
SCREENLINE NUMBER: #28   #28													
SCREENLINE NUMBER:   #28   90 Ramps   Screenline # 28   28   28   28   28   28   28   28		333	340										1.09
Scription   Scri	SCREENLINE NUMB	ER-	#28										
From To ARTERIAL NAME 07 Model 07 Counts Model/Counts 07 Model 07 Counts Model/Counts 07 Model 07 Counts Model/Counts 752 719 SR 90 @ Pleasant View Rd On 887 622 1.43 380 300 1.27 507 322 1.5 751 752 SR 90 @ Pleasant View Rd Off 1062 577 1.84 374 274 1.36 688 303 2.2 703 704 90 Ramp @ Spokane St On 590 1062 0.56 177 448 0.40 413 614 0.6 701 703 90 Ramp @ Spokane St Off 351 491 0.71 218 268 0.81 133 223 0.6 701 726 721 90 Ramp @ Spokane St Off 351 491 0.71 218 268 0.81 133 223 0.6 72 2.6 4 956 347 2.76 552 225 2.4 970 732 731 90 Ramp @ SH 41 Off 1007 704 1.43 418 391 1.07 567 599 0.9 732 731 90 Ramp @ SH 41 Off 1007 704 1.43 418 391 1.07 567 599 0.9 732 731 90 Ramp @ SH 90													
From To ARTERIAL NAME 07 Model 07 Counts Model/Counts 07 Model 07 Counts Model/Counts 07 Model 07 Counts Model/Counts 752 719 SR 90 @ Pleasant View Rd On 887 622 1.43 380 300 1.27 507 322 1.5 751 752 SR 90 @ Pleasant View Rd Off 1062 577 1.84 374 274 1.36 688 303 2.2 703 704 90 Ramp @ Spokane St On 590 1062 0.56 177 448 0.40 413 614 0.6 701 703 90 Ramp @ Spokane St Off 351 491 0.71 218 268 0.81 133 223 0.6 701 726 721 90 Ramp @ Spokane St Off 351 491 0.71 218 268 0.81 133 223 0.6 72 2.6 4 956 347 2.76 552 225 2.4 970 732 731 90 Ramp @ SH 41 Off 1007 704 1.43 418 391 1.07 567 599 0.9 732 731 90 Ramp @ SH 41 Off 1007 704 1.43 418 391 1.07 567 599 0.9 732 731 90 Ramp @ SH 90		HON:	90 Ramp	ps Screenline # 28									
751 752 SR 90 @ Pleasant View Rd Off 1062 577 1.84 374 274 1.36 688 303 2.22 703 704 190 Ramp @ Spokane St On 590 1062 0.56 177 448 0.40 413 614 0.6 701 703 190 Ramp @ Spokane St Off 351 491 0.71 218 268 0.81 133 223 0.60 726 712 190 Ramp @ Spokane St Off 1508 572 2.64 956 347 2.76 552 225 2.44 9709 736 190 Ramp @ SH 41 On 1226 1162 1.06 659 563 1.17 567 599 0.9 732 731 190 Ramp @ SH 41 Off 1007 704 1.43 418 391 1.07 589 313 1.8 843 844 190 Ramp @ SH 41 Off 1220 841 1.45 189 293 0.65 1031 548 1.8 826 843 190 Ramp @ NW Blvd/Ramsey Off 1222 841 1.45 189 293 0.65 1031 548 1.8 826 843 190 Ramp @ US 95 Off 1282 1377 0.93 1119 957 1.17 163 420 0.3 859 849 190 Ramp @ US 95 Off 912 92 70 0.98 464 623 0.74 448 304 1.44 861 862 190 Ramp @ Srd/4th St On 586 563 1.04 97 129 0.75 489 434 1.1 860 9788 190 Ramp @ 3rd/4th St Off 596 563 1.04 97 129 0.75 489 434 1.1 860 9788 190 Ramp @ 3rd/4th St Off 596 563 1.04 97 129 0.75 489 434 1.1 860 9788 190 Ramp @ 3rd/4th St Off 596 563 1.04 97 129 0.75 489 434 1.1 860 9788 190 Ramp @ 3rd/4th St Off 596 563 1.04 97 129 0.75 489 434 1.1 860 9788 190 Ramp @ 3rd/4th St Off 510 601 0.85 136 65 2.09 374 536 0.77 885 9796 190 Ramp @ 15th St Off 524 334 1.57 78 70 1.11 446 264 1.6 947 9948 190 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 10 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 10 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 10 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 10 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 10 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 10 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 10 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 10 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 10 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 10 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 10 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 10 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 10 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69	SL Section				al Model and C	ounts		EASTBOUND			WESTBOUND		
703 704   90 Ramp @ Spokane St On 590 1062 0.56 177 448 0.40 413 614 0.66 701 703   90 Ramp @ Spokane St Off 351 491 0.71 218 268 0.81 133 223 0.60 726 712   90 Ramp @ Seltice Way EB On/WB-Off 1508 572 2.64 956 347 2.76 552 225 2.44 970 736   90 Ramp @ SH 41 On 1226 1162 1.06 659 563 1.17 567 599 0.99 732 731   90 Ramp @ SH 41 Off 1007 704 1.43 418 391 1.07 589 313 1.80 844 90 Ramp @ NW Blvd/Ramsey On 1220 841 1.45 189 293 0.65 1031 548 1.80 826 843   90 Ramp @ NW Blvd/Ramsey Off 1282 1377 0.93 1119 957 1.17 163 420 0.33 859 849   90 Ramp @ NW Blvd/Ramsey Off 1282 1377 0.93 1119 957 1.17 163 420 0.33 859 849   90 Ramp @ US 95 Off 912 927 0.98 464 623 0.74 448 304 1.44 861 862   90 Ramp @ WS 95 Off 912 927 0.98 464 623 0.74 448 304 1.44 861 862   90 Ramp @ Grd/4th St On 586 563 1.04 97 129 0.75 489 434 1.15 860 9788   90 Ramp @ Grd/4th St Off 702 693 1.01 524 500 1.05 178 193 0.95 9795 912   90 Ramp @ Grd/4th St Off 510 601 0.85 136 65 2.09 374 536 0.77 885 9796   90 Ramp @ Grd/4th St Off 353 225 1.24 285 232 1.23 68 53 1.24 9011 968   90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.60 947 948   90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.60 947 948   90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.60 947 948   90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.60 947 948   90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.60 947 948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.60 947 948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.60 947 948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.60 947 948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.60 947 948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.60 947 948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.60 947 948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.60 947 948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.60 947 948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.60 948 948 948 948 948 948 948 948 948 948		Correspondi	ng Links	: SB/EB to NB/WB Tota			Model/Counts		07_Counts	Model/Counts		07_Counts	Model/Counts
701 703   90 Ramp @ Spokane St Off 351 491 0.71 218 268 0.81 133 223 0.60 726 712   90 Ramp @ Seltice Way EB On/WB-Off 1508 572 2.64 956 347 2.76 552 225 2.44 9709 736   90 Ramp @ SH 41 On 1226 1162 1.06 659 563 1.17 567 599 0.95 732 731   90 Ramp @ SH 41 Off 1007 704 1.43 418 391 1.07 589 313 1.88 843 844   90 Ramp @ NW Blvd/Ramsey On 1220 841 1.45 189 293 0.65 1031 548 1.8 826 843   90 Ramp @ NW Blvd/Ramsey Off 1282 1377 0.93 1119 957 1.17 163 420 0.33 859 849   90 Ramp @ US 95 On 886 600 1.48 357 186 1.92 529 414 1.22 847 859   90 Ramp @ US 95 Off 912 927 0.98 464 623 0.74 448 304 1.4 861 862   90 Ramp @ 3rd/4th St On 586 563 1.04 97 129 0.75 489 434 1.1 860 9788   90 Ramp @ 3rd/4th St Off 702 693 1.01 524 500 1.05 178 193 0.96 9795 912   90 Ramp @ 3rd/4th St Off 510 601 0.85 136 65 2.09 374 536 0.77 885 9796   90 Ramp @ 15th St Off 353 285 1.24 285 232 1.23 68 53 1.24 9011 968   90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.6 947 948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 524 334 1.57 78 70 1.11 4.2		Correspondi From	ng Links To	SB/EB to NB/WB Tota	07_Model (	07_Counts		07_Model			07_Model		Model/Counts
726 712   90 Ramp @ Seltice Way EB On/WB-Off   1508 572 2.64 956 347 2.76 552 225 2.44 9709 736   90 Ramp @ SH 41 On 1226 1162 1.06 659 563 1.17 567 599 0.9 732 731   90 Ramp @ SH 41 Off 1007 704 1.43 418 391 1.07 589 313 1.8 843 844   90 Ramp @ NW Blvd/Ramsey On 1220 841 1.45 189 293 0.65 1031 548 1.8 826 843   90 Ramp @ NW Blvd/Ramsey Off 1282 1377 0.93 1119 957 1.17 163 420 0.3 859 849   90 Ramp @ US 95 On 886 600 1.48 357 186 1.92 529 414 1.2 847 859   90 Ramp @ US 95 Off 912 927 0.98 464 623 0.74 448 304 1.4 861 862   90 Ramp @ 3rd/4th St On 586 563 1.04 97 129 0.75 489 434 1.1 860 9788   90 Ramp @ 3rd/4th St Off 702 693 1.01 524 500 1.05 178 193 0.9 9795 912   90 Ramp @ 3rd/4th St Off 510 601 0.85 136 65 2.09 374 536 0.77 885 9796   90 Ramp @ 15th St Off 353 285 1.24 285 232 1.23 68 53 1.24 9011 968   90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.8 10 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0		From 7	ng Links Fo 719	: SB/EB to NB/WB Tota ARTERIAL NAME SR 90 @ Pleasant View Rd On	07_Model ( 887	07_Counts 622	1.43	07_Model 380	300	1.27	07_Model 507	322	1.57 2.27
9709 736 9 Ramp @ SH 41 On 1226 1162 1.06 659 563 1.17 567 599 0.99 732 731 90 Ramp @ SH 41 Off 1007 704 1.43 418 391 1.07 589 313 1.8 843 844 90 Ramp @ NW Blvd/Ramsey On 1220 841 1.45 189 293 0.65 1031 548 1.8 826 843 90 Ramp @ NW Blvd/Ramsey Off 1282 1377 0.93 1119 957 1.17 163 420 0.3 859 849 90 Ramp @ US 95 Of 886 600 1.48 357 186 1.92 529 414 1.2 847 859 190 Ramp @ US 95 Off 912 927 0.98 464 623 0.74 448 304 1.4 861 862 90 Ramp @ 3rd/4th St Off 912 927 0.98 464 623 0.74 448 304 1.4 861 862 190 Ramp @ 3rd/4th St Off 586 563 1.04 97 129 0.75 489 434 1.1 860 9788 190 Ramp @ 3rd/4th St Off 702 693 1.01 524 500 1.05 178 193 0.99 9795 912 190 Ramp @ 15th St On 510 601 0.85 136 65 2.09 374 536 0.7 885 9796 190 Ramp @ 15th St Off 353 285 1.24 285 232 1.23 68 53 1.2 9011 968 190 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.8 1034 1045 13842 11721 1.18 6598 5876 1.12 7244 5845 1.2		Correspondi From 7 752 751	ng Links Fo 719 752	: SB/EB to NB/WB Tota ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off	07_Model ( 887 1062	07_Counts 622 577	1.43 1.84	07_Model 380 374	300 274	1.27 1.36	07_Model 507 688	322 303	1.57 2.27
732 731   90 Ramp @ SH 41 Off   1007 704 1.43 418 391 1.07 589 313 1.8 844 843 844   90 Ramp @ NW Blvd/Ramsey On 1220 841 1.45 189 293 0.65 1031 548 1.8 826 843   90 Ramp @ NW Blvd/Ramsey Off 1282 1377 0.93 1119 957 1.17 163 420 0.3 859 849   90 Ramp @ US 95 On 886 600 1.48 357 186 1.92 529 414 1.2 847 859   90 Ramp @ US 95 Off 912 927 0.98 464 623 0.74 448 304 1.4 861 882   90 Ramp @ 3rd/4th St On 586 563 1.04 97 129 0.75 489 434 1.1 860 9788   90 Ramp @ 3rd/4th St Off 693 1.01 524 500 1.05 178 193 0.9 89795 912   90 Ramp @ 3rd/4th St Off 693 1.01 524 500 1.05 178 193 0.9 89795 912   90 Ramp @ 15th St On 510 601 0.85 136 65 2.09 374 536 0.7 885 9796   90 Ramp @ 15th St Off 353 225 1.24 285 232 1.23 68 53 1.2 9011 988   90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.8 81 TOTAL		Correspondi From 1 752 751 703	ng Links Fo 719 752 704	: SB/EB to NB/WB Tota ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off I 90 Ramp @ Spokane St On	07_Model ( 887 1062 590	07_Counts 622 577 1062	1.43 1.84 0.56	07_Model 380 374 177	300 274 448	1.27 1.36 0.40	07_Model 507 688 413	322 303 614	1.57
843 844   90 Ramp @ NW Blvd/Ramsey On 1220 841 1.45 189 293 0.65 1031 548 1.86 826 843   90 Ramp @ NW Blvd/Ramsey Off 1282 1377 0.93 1119 957 1.17 163 420 0.31 859 849   90 Ramp @ US 95 On 886 600 1.48 357 186 1.92 529 414 1.22 847 859   90 Ramp @ US 95 Off 912 927 0.98 464 623 0.74 448 304 1.4 861 862   90 Ramp @ 3rd/4th St On 586 563 1.04 97 129 0.75 489 434 1.1 860 9788   90 Ramp @ 3rd/4th St Off 702 693 1.01 524 500 1.05 178 193 0.96 9795 912   90 Ramp @ 3rd/4th St Off 510 601 0.85 136 65 2.09 374 536 0.77 885 9796   90 Ramp @ 15th St Off 353 285 1.24 285 232 1.23 68 53 1.24 9011 968   90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 10 0.88		Correspondi From 752 751 703 701	719 752 704 703 712	: SB/EB to NB/WB Tota ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off 190 Ramp @ Spokane St Off	07_Model ( 887 1062 590 351	07_Counts 622 577 1062 491	1.43 1.84 0.56 0.71	07_Model 380 374 177 218	300 274 448 268	1.27 1.36 0.40 0.81	07_Model 507 688 413 133	322 303 614 223	1.57 2.27 0.67 0.60 2.45
826 843   90 Ramp @ NW Blvd/Ramseý Off 1282 1377 0.93 1119 957 1.17 163 420 0.30 859 849   90 Ramp @ US 95 On 886 600 1.48 357 186 1.92 529 414 1.20 847 859   90 Ramp @ US 95 Or 912 927 0.98 464 623 0.74 448 304 1.44 861 862   90 Ramp @ 3rd/4th St On 586 563 1.04 97 129 0.75 489 434 1.13 860 9788   90 Ramp @ 3rd/4th St Or 586 563 1.04 97 129 0.75 178 193 0.99 9795 972   90 Ramp @ 15th St Or 510 601 0.85 136 65 2.09 374 536 0.77 885 9796   90 Ramp @ 15th St Or 510 601 0.85 136 65 2.09 374 536 0.77 885 9796   90 Ramp @ 15th St Or 524 334 1.57 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 70 1.11 4.60 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 78 70 1.11 4.60 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 87 70 1.11 4.60 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 87 70 1.11 4.60 264 1.60 947 9948   90 Ramp @ 23rd St Or 524 334 1.57 78 87 70 1.11 4.60 264 1.60 947 974 974 974 974 974 974 974 974 974		752 751 703 701 726	719 752 704 703 712 736	SB/EB to NB/WB  ARTERIAL NAME  SR 90 @ Pleasant View Rd On  SR 90 @ Pleasant View Rd Off  190 Ramp @ Spokane St On  190 Ramp @ Spokane St Off  190 Ramp @ Seltice Way EB On/WB-Off  190 Ramp @ SH 41 On	887 1062 590 351 1508	07_Counts 622 577 1062 491 572	1.43 1.84 0.56 0.71 2.64	07_Model 380 374 177 218 956	300 274 448 268 347	1.27 1.36 0.40 0.81 2.76	07_Model 507 688 413 133 552	322 303 614 223 225	1.57 2.27 0.67 0.60 2.45 0.95
859     849     190 Ramp @ US 95 On     886     600     1.48     357     186     1.92     529     414     1.21       847     859     190 Ramp @ US 95 Off     912     927     0.98     464     623     0.74     448     304     1.4       861     862     190 Ramp @ 3rd/4th St Orf     586     563     1.04     97     129     0.75     489     434     1.13       860     9788     190 Ramp @ 3rd/4th St Orf     702     693     1.01     524     500     1.05     178     193     0.99       9795     912     190 Ramp @ 15th St Orf     510     601     0.85     136     65     2.09     374     536     0.7       885     9796     190 Ramp @ 15th St Orf     353     285     1.24     285     232     1.23     68     53     1.2       9011     968     190 Ramp @ 23rd St Orf     524     334     1.57     78     70     1.11     446     264     1.6       947     9948     190 Ramp @ 23rd St Orf     236     310     0.76     167     230     0.73     69     80     0.8       10TAL     13842     11721     1.18     6598     5876     <		Correspondi From 1 752 751 703 701 726 9709 732	719 752 704 703 712 736 731	SB/EB to NB/WB  ARTERIAL NAME  SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off  190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off  190 Ramp @ Seltice Way EB On/WB-Off  190 Ramp @ SH 41 On  190 Ramp @ SH 41 Off	97 Model (887 1062 590 351 1508 1226 1007	622 577 1062 491 572 1162 704	1.43 1.84 0.56 0.71 2.64 1.06	07_Model 380 374 177 218 956 659 418	300 274 448 268 347 563 391	1.27 1.36 0.40 0.81 2.76 1.17 1.07	07_Model 507 688 413 133 552 567 589	322 303 614 223 225 599 313	1.57 2.27 0.67 0.60 2.45 0.95 1.88
847 859   90 Ramp @ US 95 Off 912 927 0.98 464 623 0.74 448 304 1.4 861 862   90 Ramp @ 3rd/4th St On 586 563 1.04 97 129 0.75 489 434 1.1 860 9788   90 Ramp @ 3rd/4th St Off 702 693 1.01 524 500 1.05 178 193 0.90 9795 912   90 Ramp @ 15th St Off 510 601 0.85 136 65 2.09 374 536 0.7 885 9796   90 Ramp @ 15th St Off 353 285 1.24 285 232 1.23 68 53 1.24 9011 968   90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 10 C		Correspondi From 752 751 703 701 726 9709 732 843	719 752 704 703 712 736 731 844	SB/EB to NB/WB  ARTERIAL NAME  ARTERIAL NAME  SR 90 @ Pleasant View Rd On  SR 90 @ Pleasant View Rd Off  190 Ramp @ Spokane St On  190 Ramp @ Spokane St Off  190 Ramp @ Seltice Way EB On/WB-Off  190 Ramp @ SH 41 On  190 Ramp @ SH 41 Off  190 Ramp @ SH 41 Off  190 Ramp @ NW BNd/Ramsey On	887 1062 590 351 1508 1226 1007 1220	622 577 1062 491 572 1162 704 841	1.43 1.84 0.56 0.71 2.64 1.06 1.43 1.45	07 Model 380 374 177 218 956 659 418	300 274 448 268 347 563 391 293	1.27 1.36 0.40 0.81 2.76 1.17 1.07 0.65	07_Model 507 688 413 133 552 567 589 1031	322 303 614 223 225 599 313 548	1.57 2.27 0.67 0.60 2.45 0.95 1.88 1.88
861 862   90 Ramp @ 3rd/4th St On 586 563 1.04 97 129 0.75 489 434 1.13 860 9788   90 Ramp @ 3rd/4th St Off 702 693 1.01 524 500 1.05 178 193 0.93 9795 972   90 Ramp @ 15th St Off 510 601 0.85 136 65 2.09 374 536 0.77 885 9796   90 Ramp @ 15th St Off 353 285 1.24 285 232 1.23 68 53 1.24 9011 988   90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.69 947 9948   90 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.89 10 TOTAL 13842 11721 1.18 6598 5876 1.12 7244 5845 1.22		752 751 703 701 726 9709 732 843 826	719 752 704 703 712 736 731 844	SB/EB to NB/WB  ARTERIAL NAME  ARTERIAL NAME  SR 90 @ Pleasant View Rd On  SR 90 @ Pleasant View Rd Off  190 Ramp @ Spokane St On  190 Ramp @ Spokane St Off  190 Ramp @ Seltice Way EB On/WB-Off  190 Ramp @ SH 41 On  190 Ramp @ SH 41 Off  190 Ramp @ SH 41 Off  190 Ramp @ NW BNd/Ramsey On	887 1062 590 351 1508 1226 1007 1220 1282	622 577 1062 491 572 1162 704 841 1377	1.43 1.84 0.56 0.71 2.64 1.06 1.43 1.45	07 Model 380 374 177 218 956 659 418 189	300 274 448 268 347 563 391 293 957	1.27 1.36 0.40 0.81 2.76 1.17 1.07 0.65 1.17	07 Model 507 688 413 133 552 567 589 1031 163	322 303 614 223 225 599 313 548 420	1.57 2.27 0.67 0.60 2.45 0.95 1.88 1.88 0.39
860   9788   90 Ramp		752 751 703 701 726 9709 732 843 826	719 752 704 703 712 736 731 844 843 849	SB/EB to NB/WB  ARTERIAL NAME  SR 90 @ Pleasant View Rd On  SR 90 @ Pleasant View Rd Off  190 Ramp @ Spokane St On  190 Ramp @ Spokane St Off  190 Ramp @ Seltice Way EB On/WB-Off  190 Ramp @ SH 41 On  190 Ramp @ SH 41 Off  190 Ramp @ SH 41 Off  190 Ramp @ NW Bh/d/Ramsey On  190 Ramp @ NW Bh/d/Ramsey Off  190 Ramp @ NW Bh/d/Ramsey Off	887 1062 590 351 1508 1226 1007 1220 1282	622 577 1062 491 572 1162 704 841 1377	1.43 1.84 0.56 0.71 2.64 1.06 1.43 1.45 0.93	07 Model 380 374 177 218 956 659 418 189	300 274 448 268 347 563 391 293 957	1.27 1.36 0.40 0.81 2.76 1.17 1.07 0.65 1.17	07 Model 507 688 413 133 552 567 589 1031 163 529	322 303 614 223 225 599 313 548 420	1.57 2.27 0.67 0.60 2.45 0.95 1.88 1.88 0.39
9795 912   90 Ramp @ 15th St On 510 601 0.85 136 65 2.09 374 536 0.70 885 9796   90 Ramp @ 15th St Off 353 285 1.24 285 232 1.23 68 53 1.24 9011 968   90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.60 947 9948   90 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.88 TOTAL 13842 11721 1.18 6598 5876 1.12 7244 5845 1.26		Correspondi From 752 751 703 701 726 9709 732 843 826 859	ng Links To  719 752 704 703 712 736 731 844 843 849 859	SB/EB to NB/WB  ARTERIAL NAME  SR 90 @ Pleasant View Rd On  SR 90 @ Pleasant View Rd Off  190 Ramp @ Spokane St On  190 Ramp @ Spokane St Off  190 Ramp @ Seltice Way EB On/WB-Off  190 Ramp @ SH 41 On  190 Ramp @ SH 41 Off  190 Ramp @ SH 41 Off  190 Ramp @ NW Bh/d/Ramsey On  190 Ramp @ NW Bl/d/Ramsey Off  190 Ramp @ US 95 On  190 Ramp @ US 95 Off	07_Model   887 1062 590 351 1508 1226 1007 1220 1282 886 912	07 Counts 622 577 1062 491 572 1162 704 841 1377 600 927	1.43 1.84 0.56 0.71 2.64 1.06 1.43 1.45 0.93 1.48	07 Model 380 374 177 218 956 659 418 189 1119 357 464	300 274 448 268 347 563 391 293 957 186 623	1.27 1.36 0.40 0.81 2.76 1.17 1.07 0.65 1.17 1.92	07 Model 507 688 413 133 552 567 589 1031 163 529 448	322 303 614 223 225 599 313 548 420 414	1.57 2.27 0.67 0.60 2.45 0.95 1.88 0.39 1.28
885 9796   90 Ramp @ 15th St Off 353 285 1.24 285 232 1.23 68 53 1.24 9011 968   90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.6 947 9948   90 Ramp @ 23rd St Off 286 310 0.76 167 230 0.73 69 80 0.89 TOTAL 13842 11721 1.18 6598 5876 1.12 7244 5845 1.2		Correspondi From 7 752 751 703 701 726 9709 732 843 826 859 847	ng Links To  719 752 704 703 712 736 731 844 843 849 859	SB/EB to NB/WB  ARTERIAL NAME  SR 90 @ Pleasant View Rd On  SR 90 @ Pleasant View Rd Off  190 Ramp @ Spokane St On  190 Ramp @ Spokane St Off  190 Ramp @ Seltice Way EB On/WB-Off  190 Ramp @ SH 41 On  190 Ramp @ SH 41 Off  190 Ramp @ SH 41 Off  190 Ramp @ NW Bh/d/Ramsey On  190 Ramp @ NW Bl/d/Ramsey Off  190 Ramp @ US 95 On  190 Ramp @ US 95 Off	07_Model   887 1062 590 351 1508 1226 1007 1220 1282 886 912	07 Counts 622 577 1062 491 572 1162 704 841 1377 600 927	1.43 1.84 0.56 0.71 2.64 1.06 1.43 1.45 0.93	07 Model 380 374 177 218 956 659 418 189 1119 357 464	300 274 448 268 347 563 391 293 957 186 623	1.27 1.36 0.40 0.81 2.76 1.17 1.07 0.65 1.17 1.92 0.75	07 Model 507 688 413 133 552 567 589 1031 163 529 448	322 303 614 223 225 599 313 548 420 414	1.57 2.27 0.67 0.60 2.45 0.95 1.88 0.39 1.28 1.47
9011 968 I 90 Ramp @ 23rd St On 524 334 1.57 78 70 1.11 446 264 1.60 947 9948 I 90 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.8 TOTAL 13842 11721 1.18 6598 5876 1.12 7244 5845 1.2		752 752 751 703 701 726 9709 732 843 826 859 847 861	ng Links To  719 752 704 703 712 736 731 844 843 849 859 862 9788	SB/EB to NB/WB  ARTERIAL NAME  SR 90 @ Pleasant View Rd On  SR 90 @ Pleasant View Rd Off  190 Ramp @ Spokane St On  190 Ramp @ Spokane St Off  190 Ramp @ Seltice Way EB On/WB-Off  190 Ramp @ SH 41 On  190 Ramp @ SH 41 Off  190 Ramp @ NW Bhd/Ramsey On  190 Ramp @ NW Bhd/Ramsey Off  190 Ramp @ US 95 On  190 Ramp @ US 95 Off  190 Ramp @ US 95 Off  190 Ramp @ US 97 Off	07_Model 887 1062 590 351 1508 1226 1007 1220 1282 886 912 586	07 Counts 622 577 1062 491 572 1162 704 841 1377 600 927 563	1.43 1.84 0.56 0.71 2.64 1.06 1.43 1.45 0.93 1.48 0.98	97 Model 380 374 177 218 956 659 418 189 1119 357 464 97	300 274 448 268 347 563 391 293 957 186 623 129 500	1.27 1.36 0.40 0.81 2.76 1.07 0.65 1.17 1.92 0.74 0.75	07 Model 507 688 413 133 552 567 589 1031 163 529 448 489 178	322 303 614 223 225 599 313 548 420 414 304	1.57 2.27 0.67 0.60 2.45 0.95 1.88 0.39 1.28 1.47 1.13
947 9948 I 90 Ramp @ 23rd St Off 236 310 0.76 167 230 0.73 69 80 0.8 TOTAL 13842 11721 1.18 6598 5876 1.12 7244 5845 1.2		Correspondi From 7 752 751 703 701 726 9709 732 843 826 859 847 861 860 9795	ng Links 719 752 704 703 712 736 731 844 843 849 859 862 9788 912	SB/EB to NB/WB  ARTERIAL NAME  SR 90 @ Pleasant View Rd On  SR 90 @ Pleasant View Rd Off  190 Ramp @ Spokane St Off  190 Ramp @ Spokane St Off  190 Ramp @ Seltice Way EB On/WB-Off  190 Ramp @ SH 41 On  190 Ramp @ SH 41 Off  190 Ramp @ SH 41 Off  190 Ramp @ NW Blvd/Ramsey On  190 Ramp @ NW Blvd/Ramsey Off  190 Ramp @ US 95 On  190 Ramp @ US 95 Off  190 Ramp @ 3rd/4th St On  190 Ramp @ 3rd/4th St Off  190 Ramp @ 15th St On	887 1062 590 351 1508 1226 1007 1220 1282 886 912 586 702	622 577 1062 491 572 1162 704 841 1377 600 927 563 693	1.43 1.84 0.56 0.71 2.64 1.06 1.43 1.45 0.93 1.48 0.98 1.04	97 Model 380 374 177 218 956 659 418 189 1119 357 464 97 524	300 274 448 268 347 563 391 293 957 186 623 129 500 65	1.27 1.36 0.40 0.81 2.76 1.17 1.07 0.65 1.17 1.92 0.74 0.75 1.05	07 Model 507 688 413 133 552 567 589 1031 163 529 448 489 178 374	322 303 614 223 225 599 313 548 420 414 304 434 193 536	1.57 2.27 0.67 0.80 2.45 0.95 1.88 1.88 0.39 1.22 1.47 1.13
TOTAL 13842 11721 1.18 6598 5876 1.12 7244 5845 1.2		Correspondi From 752 752 751 703 701 726 9709 732 843 826 859 847 861 860 9795 885	ng Links To 719 752 704 703 712 736 731 844 843 849 859 862 9788 912 9796	SB/EB to NB/WB  ARTERIAL NAME  ARTERIAL NAME  SR 90 @ Pleasant View Rd On  SR 90 @ Pleasant View Rd Off  190 Ramp @ Spokane St Off  190 Ramp @ Spokane St Off  190 Ramp @ SH 41 Off  190 Ramp @ SH 41 Off  190 Ramp @ SH 41 Off  190 Ramp @ NW Bh/d/Ramsey On  190 Ramp @ NW Bh/d/Ramsey Off  190 Ramp @ NW Bl/d/Ramsey Off  190 Ramp @ US 95 Off  190 Ramp @ US 95 Off  190 Ramp @ US 95 Off  190 Ramp @ 3rd/4th St Off  190 Ramp @ 3rd/4th St Off  190 Ramp @ 15th St Off  190 Ramp @ 15th St Off	887 1062 590 351 1508 1226 1007 1220 1282 886 912 586 702 510	67 Counts 622 577 1062 491 572 1162 704 841 1377 600 927 563 693 601 285	1.43 1.84 0.56 0.71 2.64 1.06 1.43 1.45 0.93 1.48 0.98 1.04	07 Model 380 374 177 218 956 659 418 189 1119 357 464 97 524 136 285	300 274 448 268 347 563 391 293 957 186 623 129 500 65 232	1.27 1.36 0.40 0.81 2.76 1.17 1.07 0.65 1.17 1.92 0.74 0.75 1.05 2.09	07 Model 507 688 413 133 552 567 589 1031 163 529 448 489 178 374 68	322 303 614 223 225 599 313 548 420 414 434 193 536 53	1.57 2.27 0.67 0.60 2.45 0.95 1.88 1.88 0.39 1.28 1.47 1.13 0.92 0.70
		Correspondi From 752 752 751 703 701 726 9709 732 843 826 859 847 861 860 9795 885	719 752 704 703 712 736 731 844 843 849 859 862 9788 912 9796	SB/EB to NB/WB  ARTERIAL NAME  SR 90 @ Pleasant View Rd On  SR 90 @ Pleasant View Rd Off  190 Ramp @ Spokane St On  190 Ramp @ Spokane St Off  190 Ramp @ Seltice Way EB On/WB-Off  190 Ramp @ SH 41 On  190 Ramp @ SH 41 Off  190 Ramp @ NW Blvd/Ramsey On  190 Ramp @ NW Blvd/Ramsey Off  190 Ramp @ US 95 On  190 Ramp @ US 95 Off  190 Ramp @ 3rd/4th St On  190 Ramp @ 3rd/4th St Off  190 Ramp @ 15th St On  190 Ramp @ 15th St Off  190 Ramp @ 23rd St On	887 1062 590 351 1508 1226 1007 1220 1282 886 912 596 702 510 353 524	77 Counts 622 577 1062 491 572 1162 704 841 1377 600 927 563 693 601 285 334	1.43 1.84 0.56 0.71 2.64 1.06 1.43 1.45 0.93 1.48 0.98 1.04 1.01 0.85 1.24	97 Model 380 374 177 218 956 659 418 189 1119 357 464 97 524 136 285 78	300 274 448 268 347 563 3911 293 957 186 623 129 500 65 232 70	1.27 1.36 0.40 0.81 2.76 1.17 1.07 0.65 1.17 1.92 0.75 1.05 2.09 1.23	07 Model 507 688 413 133 552 567 589 1031 163 529 448 489 178 374 68	322 303 614 223 225 599 313 548 420 414 304 434 434 193 536 53	1.57 2.27 0.67 0.60 2.45 0.95 1.88 0.39 1.28 1.47 1.13 0.92 0.70
Overall 116979 110988 1.05 60325 62082 0.97 56663 48919 1.10		Correspondi From 752 752 751 703 701 726 9709 732 843 826 859 847 861 860 9795 885	719 752 704 703 712 736 731 844 843 849 859 862 9788 912 9796	SB/EB to NB/WB  ARTERIAL NAME  SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off 190 Ramp @ Seltice Way EB On/WB-Off 190 Ramp @ SH 41 On 190 Ramp @ SH 41 Off 190 Ramp @ SH 41 Off 190 Ramp @ NW Bh/d'Ramsey On 190 Ramp @ NW Bh/d'Ramsey Off 190 Ramp @ US 95 On 190 Ramp @ US 95 Off 190 Ramp @ US 95 Off 190 Ramp @ 3rd/4th St On 190 Ramp @ 3rd/4th St Off 190 Ramp @ 15th St On 190 Ramp @ 15th St Off 190 Ramp @ 23rd St Off 190 Ramp @ 23rd St Off	887 1062 590 351 1508 1226 1007 1220 1282 886 912 586 702 510 353 524	07 Counts 622 577 1062 491 572 1162 704 841 13777 600 927 563 693 601 225 334	1.43 1.84 0.56 0.71 2.64 1.06 1.43 1.45 0.93 1.48 0.98 1.04 1.01 0.85 1.24 1.57	97 Model 380 374 177 218 956 659 418 189 1119 357 464 97 524 136 285 78	300 274 448 268 347 563 391 293 957 186 623 129 500 65 232 70	1.27 1.36 0.40 0.81 2.76 1.17 1.07 0.65 1.17 1.92 0.74 0.75 1.05 2.09 1.23 1.11	07 Model 507 688 413 133 552 567 589 1031 163 529 448 489 178 374 68 446 69	322 303 614 223 225 599 313 548 420 414 304 434 193 536 53 264 80	1.57 2.27 0.67 0.80 2.45 0.95 1.88 1.88 0.39 1.28 1.47 1.13 0.92 0.70
		Correspondi From 752 752 751 703 701 726 9709 732 843 826 859 847 861 860 9795 885	719 752 704 703 712 736 731 844 843 849 859 862 9788 912 9796	SB/EB to NB/WB  ARTERIAL NAME  SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off 190 Ramp @ Seltice Way EB On/WB-Off 190 Ramp @ SH 41 On 190 Ramp @ SH 41 Off 190 Ramp @ SH 41 Off 190 Ramp @ NW Bh/d'Ramsey On 190 Ramp @ NW Bh/d'Ramsey Off 190 Ramp @ US 95 On 190 Ramp @ US 95 Off 190 Ramp @ US 95 Off 190 Ramp @ 3rd/4th St On 190 Ramp @ 3rd/4th St Off 190 Ramp @ 15th St On 190 Ramp @ 15th St Off 190 Ramp @ 23rd St Off 190 Ramp @ 23rd St Off	887 1062 590 351 1508 1226 1007 1220 1282 886 912 586 702 510 353 524	07 Counts 622 577 1062 491 572 1162 704 841 13777 600 927 563 693 601 225 334	1.43 1.84 0.56 0.71 2.64 1.06 1.43 1.45 0.93 1.48 0.98 1.04 1.01 0.85 1.24 1.57	97 Model 380 374 177 218 956 659 418 189 1119 357 464 97 524 136 285 78	300 274 448 268 347 563 391 293 957 186 623 129 500 65 232 70	1.27 1.36 0.40 0.81 2.76 1.17 1.07 0.65 1.17 1.92 0.74 0.75 1.05 2.09 1.23 1.11	07 Model 507 688 413 133 552 567 589 1031 163 529 448 489 178 374 68 446 69 7244	322 303 614 223 225 599 313 548 420 414 304 434 193 536 53 264 80	1.57 2.27 0.67 0.60 2.45 0.95 1.88 0.39 1.28 1.47 1.13 0.92 0.70 1.28 1.69 0.86 6.12

# Appendix 1H: 2007 KMPO Model PM Peak Hour Screenline Validation Spreadsheets

RUN#9b 2007 NEW LU, Roundabouts, UPDATED External X-I, I-X and X-X, Trip Rates, Trip Distribution, No Node Delay

Date: 3/20/2009

File Location C:\Documents and Settings\[ Jren\My Documents\

Originated by: Tony wang



SCREENLINE NUMB		#1										
SCREENLINE LOCAT			River Crossing Screenline #1									
			: NB and SB		Total Model and			SOUTHBOUND			NORTHBOU	
			ARTERIAL NAME	07_Mo	del 07_Counts			07_Counts Mod				Model/Counts
	818		Spokane St.		460 628				0.39			
	889	9963	US 95 @ Spokane River Bridge		1463 1218				1.40			
			TOTAL		1923 1846	3 1.04	100	5 989	1.02	918	857	1.07
SCREENLINE NUMB		#2										
SCREENLINE LOCAT			creenline #2									
			: NB and SB		Total Model and			SOUTHBOUND			NORTHBOU	
			ARTERIAL NAME	07_Mo	del 07_Counts			07_Counts Mod				Model/Counts
	774		Huetter Rd		607 31			_	1.44		196	
	9388		Altas Rd	Ι.	298 697				0.22			
	843		Ramsey Rd	'	2922 175				1.79			
	734		Ross Point Rd		314 728			_	0.44			
	755		Cedar St		420 330 497 90				0.32			
	9960	9884	Seeley Rd TOTAL	Ι.	497 90 5058 3908				10.17 1.24			
SCREENLINE NUMB	ED.	#3	TOTAL		3000 3900	1.28	220	4 1//6	1.24	2004	2132	1.34
SCREENLINE NUMBI			Ave. Screenline #3									
			: NB and SB		Total Model and	1 Counts		SOUTHBOUND			NORTHBOU	IND
			ARTERIAL NAME	07 Mo	del 07 Counts		07 Model	07 Counts Mod	lol/Counts	07 Model		Model/Counts
	899		Government Way		693 730				0.97	354	381	
	901		3rd St		998 1389	0.72	28	3 563	0.50	715	822	0.87
	904	919	7th St		131 333	0.39	8	3 155	0.54	48	178	0.27
	907	920	11th St		297 176	1.69	14	0 85	1.65	157	91	1.73
	910	921	15th St		763 121			3 744	0.61		467	
			TOTAL	2	2882 383	0.75	129	8 1896	0.68	1584	1939	0.82
SCREENLINE NUMB		#4										
SCREENLINE LOCAT		- 11 - 2	Ave/Best Screenline #4									
			: NB and SB		Total Model and			SOUTHBOUND			NORTHBOU	
			ARTERIAL NAME		del 07_Counts			07_Counts Mod		07_Model		Model/Counts
	831		Southbound		2917 2579				1.10		1200	
	833		SR 95	1	1794 156				1.16		897	
4	841	866	Government Way	I	474 887	0.53	22	2 439	0.51	252	448	
			TOTAL		5185 5027	1.03	251	1 2482	1.01	2674	2545	1.05

2007 NEW LU, Roundabouts, UPDATED External X-I, FX and X-X, Trip Rates, Trip Distribution, No Node Delay

3/20/2009 Date:

File Location C:\Documents and Settings\ren\My Documents\

originated by: Tony wang



1												
SCREENLINE NUMB		#5										
SCREENLINE LOCAT			ullan Rd/Kathleen Screenline #5									
SL Section			: NB and SB		al Model and			SOUTHBOUN	_		NORTHBOU	
			ARTERIAL NAME			Model/Counts				07_Model		Model/Counts
	681		Idaho St.	1408	1568				0.78			
	658		Spokane St.	883	1196			496	0.60			
	660		Idaho St.	1117	1465	0.76		559	0.80			
	9422		SR 41	1601	2185	0.73		1133	0.69			
	9015		Baugh Rd	8	250	0.03		109	0.04			
	9964		Pleasant View Rd	1606	784	2.05		318	1.86			
	10160		Government Way	1019	1603	0.64		744	0.62		859	
	664	683	Greensferry Rd	10	168	0.06	5	50	0.10	5	118	
	669		SR 41	2687	2503	1.07		1225	1.15			
	685		Huetter Rd	606	299			98	1.69			
	687		Altas Rd	155	695			367	0.05			
	689		Ramsey Rd	1890	2631	0.72		1424	0.56			
	691		US 95	3215	2830	1.14		1434	1.09			
	695	746	4th St	549	802	0.68	216	332	0.65			
	698	716	15th St	611	796	0.77		370	0.77			
			TOTAL	17365	19775	0.88	7651	9437	0.81	9714	10338	0.94
SCREENLINE NUMB		#6										
SCREENLINE LOCAT			Rd Screenline #6									
SL Section			: NB and SB		al Model and			SOUTHBOUN	_		NORTHBOU	
			ARTERIAL NAME			Model/Counts				07_Model		Model/Counts
	544		Pleasant View Rd	1433	494	2.90	620	178	3.48			
	550		Chase Rd.	294	309			173	0.69			
	552		Spokane St	86	598			238	0.12			
	554		Idaho St	633	744	0.85		334	0.66			
	558		Greensferry Rd.	483	242			113	3.38			
	562		SR41	2268	1656	1.37	911	704	1.29			
	1100	587	Huetter Rd	611	287	2.13		108	1.65			
	9458	9063	Atlas Rd	1099	829	1.33		341	1.26			
	569		Ramsey Rd	919	1497	0.61	349	627	0.56			
	571		US 95	3539	2823	1.25		1338	1.35			
	573		Government Way	1050	1484	0.71		738	0.64			
	575		4th St	444	690	0.64	171	305	0.56	273	385	
	577	594	15th St	317	450	0.70	168	191	0.88	149		
			TOTAL	13176	12103	1.09	5849	5388	1.09	7327	6715	1.09

RUN#9b 2007 NEW LU, Roundabouts, UPDATED External X-I, FX and X-X, Trip Rates, Trip Distribution, No Node Delay

Date: 3/20/2009

File Location C:\Documents and Settings\ren\My Documents\

Originated by: Tony wang



SCREENLINE NUMB		#7										
SCREENLINE LOCAT			d. Screenline #7									
SL Section	Correspond	ding Links	: NB and SB	Tota	al Model and	Counts		SOUTHBOUN	_		NORTHBOUN	
	From	To	ARTERIAL NAME			Model/Counts				07_Model	07_Counts	
	476		McGuire Rd	332	79		163		3.08	169	26	6.50
	478		Chase Rd.	203	230				0.97	92		0.8
	480		Spokane St.	49	203				0.31	14		0.1
	482		Idaho Rd.	249	320	0.78			0.85	113		0.7
	486		Greensferry Rd.	412	208		1		2.69	119		1.2
	488		SR 41	1869	1444	1.29			1.48	971	839	1.1
	491		Huetter Rd	694	324	2.14			1.34	445		3.2
	496		Atlas Rd	336	657	0.51	153		0.51	183		0.5
	498		Ramsey Rd	826	1231	0.67	322		0.61	504		0.7
	500		US 95	3362	2653		1694		1.40	1668		1.1
	502		Government Way	1050	1282				0.73			0.9
	504		4th St	429	788				0.46	289		0.6
	9878	513	15th St TOTAL	245 10056	196 9615	1.25			1.72	109 5304		0.9
			IOIAL	10056	9613	1.05	4/52	4338	1.10	5304	52//	1.0
SCREENLINE NUMB		#8										
SCREENLINE LOCAT			ve. Screenline # 8 :: NB and SB	T-1		0		SOUTHBOUN			NORTHBOUN	15
SL Section	From	To Links			al Model and	Model/Counts	07 Model		_	07 Model	07 Counts	
	386		Hauser Lake Rd north of SH 53	267	94	2.84			1.58	161	27	5.9
	411		Chase Rd	99	126				0.83	56		0.7
	411		Idaho St	58	140	0.79			0.16	48		0.6
	412		SR 41	1767	1320	1.34			1.54	839		1.1
	413		Greensferry Rd	55	138	0.40			0.20	43		0.5
	418		Huetter Rd	436	144	3.03			2.76			3.1
	410	430	TOTAL	2682	1962			899	1.39	1431	1063	1.3
SCREENLINE NUMB	ED-	#9	TOTAL	2002	1002	1.07	1201	000	1.00	1401	1000	1.0
SCREENLINE LOCAT			r Rd. Screenline # 9									
SL Section			: NB and SB	Tot	al Model and	Counts		SOUTHBOUN	ID.		NORTHBOUN	ID.
DE GOODGII	From	To				Model/Counts	07 Model		_	07 Model		Model/Counts
	330		Greensferry Rd	50	110				0.00	50		0.8
	332			1694	1056	1.60	_		1.96	862		1.3
	1093		Meyer Rd.	62	289	0.21			0.27	34		0.1
	334		Huetter Rd	10	98	0.10			0.17	4		0.0
	338		US 95	2095	1930		_		1.51	955		0.8
	339	354	Government Way	337	323	1.04	70	136	0.51	267	187	1.4
	344	351	Rimrock Rd/Meadowwood Ln	195	71	2.75	73	40	1.83	122	31	3.9
	341	348	Strahorn Rd	52	73	0.71	4	41	0.10	48	32	1.5
	9000	357	English Point Rd	10	18	0.56	6	8	1	4	10	0.4
	9781	9827	Hayden Lake Rd @ East end	2	56	0.04	1	18	0	1	38	0.0
			TOTAL	4507	4024	1.12	2160	1609	1.34	2347	2415	0.97

RUN# 9b 2007 NEW LU, Roundabouts, UPDATED External X-I, FX and X-X, Trip Rates, Trip Distribution, No Node Delay

Date: 3/20/2009

File Location C:\Documents and Settings\iren\My Documents\

Originated by: Tony wang



SCREENLINE NUMB	ER:	#10										
SCREENLINE LOCAT			JS 95 Screenline # 10									
SL Section	Correspond	ling Links	: EB and WB		al Model and			SOUTHBOUN	_		NORTHBOU	
		To	ARTERIAL NAME		_	Model/Counts	07_Model		Model/Counts	07_Model		Model/Counts
	263		BNSF RR Bridge in Rathdrum	719	1139		409	645	0.63			
	9400		Atlas Rd	11	57	0.19		22	0.27	5		
	1137		Ramsey Rd	540	344		247	142	1.74			
	252		US 95 n/o SH53	1388	1567	0.89	726	651	1.12			
	271	300	Govt Way e/o US95 TOTAL	272 2930	173 3280	1.57 0.89	99 1487	44 1504	2.25 0.99			
SCREENLINE NUMB	CD.	#11	TOTAL	2830	3200	0.08	1407	1304	0.88	1443	1776	0.01
SCREENLINE NUMB			es to Nat. Forest. Screenline # 1									
SL Section			S: EB and WB		i Model and	Counts		SOUTHBOUN	ID.		NORTHBOU	ND
SE SECION		To	ARTERIAL NAME			Model/Counts	07 Model		Model/Counts	07 Model		Mode/ Counts
	9776	239		206	151	1.36	104	101	1.03			
	9750		SH 41 south of Seasons Rd	725	687	1.06	320	201	1.59			
	226	237		38	127	0.30	20	32	0.63			
	230		Diagonal Rd south of Brunner	45	47	0.96	25	25	1.00			
	231		US 95 south of Brunner Rd	1996	1340		1037	761	1.36			
			TOTAL	3010	2352	1.28	1506	1120	1.34	1504	1232	1.22
SCREENLINE NUMB		#12										
SCREENLINE LOCAT			SH 3 South Screenline # 12									
SL Section			: EB and WB		il Model and			SOUTHBOUN	_		NORTHBOU	
		ТО	ARTERIAL NAME			Model/Counts	07_Model		Model/Counts	07_Model		Model/Counts
	1079		US 95 S/O Worley	498	499			251	1.00			
	1058		US 95 N/O Worley	297	468			201	0.38			0.82
	1073		Cave Bay Rd @ Rock Creek	32	51	0.63		24	0.67	16		0.59
	1061		SH 97 north of Harrison	158 9	57 85	2.77		40 27	1.40			
	9726 1077	1078	Ogara Rd west of SH 97 SH 97 north of SH 3	35	85 90		4 18	38	0.15 0.47	5 17		
	1081		SH 3 @ Benewah Co. Line	231	233			108	0.47			
	1001	1000	TOTAL	1260	1483			689	0.77	732		
SCREENLINE NUMB	FR:	#13	TOTAL	1200	1400	0.00	020		0	702		0.52
SCREENLINE LOCAT			LaTour Creek Rd Screenline # 13	1								
SL Section	Correspond	ling Links	s: EB and WB	Tota	al Model and	Counts		SOUTHBOUN	ID		NORTHBOU	IND
	From	To	ARTERIAL NAME	07 Model	07 Counts	Model/Counts	07_Model	07 Counts I	Model/Counts	07 Model	07 Counts	Mode/ Counts
	914	940	opinion or moorer or oc	326	153		64	98	0.65	262		
	969	9457	Cougar Gulch Rd west of US 95	37	149		18	52	0.35			
	1017		Burma Rd S/O Gozzer Rd	282	39		121	23	5.26			
	9436		SH 97 N/O Burma	404	278		187	67	2.79			1.03
	1045		LaTour Creek Rd south of 190	0	23		0	15	0.00		_	
	1030	1034	SH 3 S/O I 90 TOTAL	287 1336	192 834		138 528	110 365	1.25 1.45			
SCREENLINE NUMB	CD.	#14	TOTAL	1336	834	1.60	528	365	1.45	808	469	1./2
SCREENLINE NUMB			e Pend'O Reille Screenline #14									
SL Section			S: EB and WB	Tota	i Model and	Counts		SOUTHBOUN	ID		NORTHBOU	IND
or occupit		To	ARTERIAL NAME			Model/Counts	07 Model		Model/Counts	07 Model		Model/Counts
	201		US 95 north of Athol	750	751	1.00	342	342	1.00	408		
	10003	198	SH 41 north of Spirit Lake	421	422	1.00	154	154	1.00	267	268	
	204		SH 41 south of Spirit Lake	664	742	0.89	286	265	1.08	378	477	0.79
	202	212	Perimeter Rd north of SH 545	41	36		20	17	1.18	21	19	
			TOTAL	1876	1951	0.96	802	778	1.03	1074	1173	0.92

RUN#9b 2007 NEW LU, Roundabouts, UPDATED External X-I, FX and X-X, Trip Rates, Trip Distribution, No Node Delay

Date: 3/20/2009

File Location C:\Documents and Settings\ren\My Documents\

Originated by: Tony wang



DODEEN NE NUMB	- D	845										
SCREENLINE NUMB		#15										
SCREENLINE LOCAT			View Rd. Screenline # 15									
			: EB and WB		al Model and			EASTBOUN			WESTBOUN	
			ARTERIAL NAME			Model/Counts	07_Model		Model/Counts			Model/Counts
	9945		SH 53 (W/O Prairie Ave)	668		0.98	380	317	1.20	288	366	0.79
	647	648	Seltice Way	595	709	0.84	428	346	1.24	167	363	0.46
	544	10146	Poleline Ave.	68	57	1.19	42	36	1.17	26	21	1.24
	473	9019	Prairie Rd.	192	285	0.67	111	153	0.73	81	132	0.61
	440	401	SH 53	1024	891	1.15	617	613	1.01	407	278	1.46
	9222	9226	Riverbend Ave	154	222	0.69	97	138	0.70	57	84	0.68
			TOTAL	2701	2847	0.95	1675	1603	1.04	1026	1244	0.82
SCREENLINE NUMBER	ER:	#16		<u> </u>								
SCREENLINE LOCAT	ION:	McGuire	Rd. Screenline # 16									
SL Section	Correspond	ina Links	: EB and WB	Tota	al Model and	Counts		EASTBOUN	D		WESTBOUN	D
			ARTERIAL NAME	07 Model	07 Counts	Model/Counts	07 Model	07 Counts	Model/Counts	07 Model	07 Counts	Model/Counts
	651		Seltice Way	970		0.92	570	502	1.14	400	549	0.73
	547		Poleline Ave.	144	151	0.95	83	56	1.48	61	95	0.64
	476		Prairie Bd.	268		0.93	157	159	0.99	111	129	0.86
	401		SH 53	1306		1.42	741	551	1.34	565	366	1.54
	401	000	TOTAL	2688		1.12	1551	1268	1.22	1137	1139	1.00
SCREENLINE NUMB	FR-	#17										
SCREENLINE LOCAT			d. Screenline # 17									
SL Section	Correspond	Ina Links	: EB and WB	Tota	al Model and	Counts		EASTBOUN	D		WESTBOUN	D
			ARTERIAL NAME			Model/Counts	07 Model	07 Counts	Model/Counts	07 Model	07 Counts	Model/Counts
	9439		Seltice Way	1213		0.94	721	623	1.16	492	669	0.74
	550		Poleline Ave.	222		0.82	106	104	1.02	116	166	0.70
	478		Prairie Rd.	294		0.79	149	182	0.82	145	189	0.77
	411		Hayden Rd.	445		2.10	225	91	2.47	220	121	1.82
	411	1140	TOTAL	2174		1.01	1201	1000	1.20	973	1145	0.85
SCREENLINE NUMB	ER-	#18										
SCREENLINE LOCAT			St. Screenline # 18									
			B: EB and WB	Tota	al Model and	Counts		EASTBOUN	n		WESTBOUN	D
			ARTERIAL NAME			Model/Counts	07 Model		Model/Counts	07 Model		Model/Counts
	753		4th St.	409	228	1.79	274	121	2.26	135	107	1.26
	765		3rd St	56			32	193	0.17	24	219	0.11
	9004		Seltice Way	1233		0.84	644	704	0.91	589	760	0.78
	552		Poleline Ave.	539		1.04	225	244	0.92	314	273	1.15
	480		Prairie Rd.	358		0.73	170	222	0.77	188	267	0.70
		401			409		170					
			TOTAL	2595	3110	0.83	1345	1484	0.91	1250	1626	0.77

RUN# 9b 2007 NEW LU, Roundabouts, UPDATED External X-I, FX and X-X, Trip Rates, Trip Distribution, No Node Delay

Date: 3/20/2009

File Location C:\Documents and Settings\ren\My Documents\

Originated by: Tony wang



SCREENLINE NUMB		#19										
SCREENLINE LOCAT			Screenline # 19									
SL Section	Correspond	ing Links	: EB and WB Total	Model and C	counts	E	ASTBOUND	)	V	VESTBOUND	)	
	From	To	ARTERIAL NAME	07_Model	07_Counts	Model/Counts	07_Model	07_Counts	Model/Counts	07_Model		Model/Counts
	724		4th St.	245	127	1.93	219	92	2.38	26	35	0.74
	682		Seltice Way	2181	1810	1.20	1015	818	1.24	1166	992	1.18
	554		Poleline	452	514	0.88	237	265	0.89	215	249	0.86
	482	483	Prairie Rd.	491	518	0.95	206	231	0.89	285	287	0.99
			TOTAL	3369	2969	1.13	1677	1406	1.19	1692	1563	1.08
SCREENLINE NUMB		#20										
SCREENLINE LOCAT			rrry Rd. Screenline # 20									
SL Section				Model and C			EASTBOUND			VESTBOUND		
						Model/Counts	07_Model		Model/Counts	_	_	Model/Counts
	9929		3rd St.	210		0.77	125	153	0.82	85	120	0.71
	728		Seltice Way	937	1395	0.67	543	606	0.90	394	789	0.50
	664		Mullan Ave	554	1028	0.54	277	555	0.50	277	473	0.59
	635		12th	375	154	2.44	337	75	4.49	38	79	0.48
	606		16th	161	143	1.13	68	64	1.06	93	79	1.18
	558		Poleline Ave.	468	539	0.87	114	247	0.46	354	292	1.21
	486		Prairie Rd.	819	542	1.51	267	236	1.13	552	306	1.80
	413		Hayden Rd.	492	295	1.67	236	124	1.90	256	171	1.50
	1101		Wyoming Ave	0		0.00	0	32	0.00	0	37	0.00
	309	9029	SH 53	1208	865	1.40	701	536	1.31	507	329	1.54
			TOTAL	5224	5303	0.99	2668	2628	1.02	2556	2675	0.96
SCREENLINE NUMB		#21										
SCREENLINE LOCAT			reenline # 21									
SL Section				Model and C		7	ASTBOUND			VESTBOUND		
						Model/Counts	07_Model		Model/Counts			Model/Counts
	9382		Seltice Way Seltice Way (Duplicate - new cou	1298 1576	1314 1799	0.99 0.88	1185 1152	1114 1103	1.06 1.04	113 424	200 696	0.57 0.61
	9791 668		Mullan Ave	836	1/99	0.88	530	690	0.77	306	514	0.60
	561		Mulian Ave Poleline Rd.	632	1204 506	1.25	191	262	0.77	441	244	1.81
	10057		Prairie Rd.	110	521	0.21	89	202	0.73	21	300	0.07
	10138		Havden Rd.	496	292	1.70	238	120	1.98	258	172	1.50
	9037		Wyoming	0		0.00	0	68	0.00	0	56	0.00
	1151		Lancaster	7		0.39	0	8	0.00	7	10	0.70
	324		Nagel Ln	55	168	0.33	30	69	0.43	25	99	0.25
	287		McCarney St N/O SR41	17	116	0.15	10	57	0.43	7	59	0.12
	9305		Stevens St	127	85	1.49	79	64	1.23	48	21	2.29
	9306		Washington St	0		0.00	0	0	N/A	0	44	0.00
	9295		Boekel Rd	114	72	1.58	43	31	1.39	71	41	1.73
	0200	510	TOTAL	5268	6263	0.84	3547	3807	0.93	1721	2456	0.70
Ш												

RUN#9b 2007 NEW LU, Roundabouts, UPDATED External X-I, FX and X-X, Trip Rates, Trip Distribution, No Node Delay

Date: 3/20/2009

File Location C:\Documents and Settings\[ | ren\My Documents\[ |

Originated by: Tony wang



SCREENLINE NUMB	ER:	#22										
SCREENLINE LOCAT		Huetter R	d Screenline # 22									
SL Section	Correspond	ing Links	: EB and WB Tota	Model and C	Counts		EASTBOUND		٧	VESTBOUND	)	
	From	To	ARTERIAL NAME	07_Model	07_Counts	Model/Counts	07_Model	07_Counts	Model/Counts	07_Model	07_Counts	Model/Counts
	9766	9946	Maplewood	25	109	0.23	0	50	0.00	25	59	0.42
	793	794	Seltice Way	1368	1129	1.21	875	553	1.58	493	576	0.86
	9043	685	Mullan Ave	150	101	1.49	66	34	1.94	84	67	1.25
	494	491	Prairie Rd.	996	918	1.08	435	432	1.01	561	486	1.15
	1160	367	Wyoming Ave	0	8	0.00	0	4	0.00	0	4	0.00
	1158	334	Lancaster Ave	211	41	5.15	106	12	8.83	105	29	3.62
	417	418	Hayden Rd.	1562	729	2.14	708	283	2.50	854	446	1.91
	10036	1096	Boekel Ave	176	236	0.75	81	106	0.76	95	130	0.73
			TOTAL	4488	3271	1.37	2271	1474	1.54	2217	1797	1.23
SCREENLINE NUMB	ER:	#23										
SCREENLINE LOCAT			Rd Screenline # 23									
SL Section				Model and C			EASTBOUND			VESTBOUND		
			ARTERIAL NAME			Model/Counts	07_Model		Model/Counts	_		Model/Counts
	857		Ironwood Dr	1067	1171	0.91	382	459	0.83	685	712	0.96
	813		Appleway	364	1092	0.33	146	512	0.29	218	580	0.38
	689		Kathleen Ave	1123		0.73	514	750	0.69	609	793	0.77
	613		Dalton Ave	297	253	1.17	111	121	0.92	186	132	1.41
	569		Hanley Ave	1205	786	1.53	542	371	1.46	663	415	1.60
	524		Wilbur Ave Pinegrove	135			61	101	0.60	74	149	0.50
	498		Prairie Ave	1142			516	686	0.75	626	754	0.83
	450		Honeysuckle Ave	88		0.31	41	149	0.28	47	136	0.35
	422		Hayden Ave	712		0.99	319	400	0.80	393	320	1.23
	387		Miles Ave	7	-	0.07	2	57	0.04	5	38	0.13
	368		Wyoming Ave	192		0.87	82	110	0.75	110	111	0.99
	336		Lancaster Ave	266		1.41	128	123	1.04	138	66	2.09
	9032		Boekel Rd	902		3.67	414	85	4.87	488	161	3.03
	269		Hwy 53	880	666	1.32	432	289	1.49	448	377	1.19
	251		Garwood Rd	3		0.02	2	77	0.03	1	98	0.01
	245	1139	Ohio Match Rd	28	41	0.68	10	24	0.42	18	17	1.06
			TOTAL	8411	9173	0.92	3702	4314	0.86	4709	4859	0.97

RUN#9b 2007 NEW LU, Roundabouts, UPDATED External X-I, FX and X-X, Trip Rates, Trip Distribution, No Node Delay

Date: 3/20/200

File Location C:\Documents and Settings\ren\My Documents\

Originated by: Tony wang



SCREENLINE NU SCREENLINE LO		#24	creenline # 24									
SL Section				Model and C	ounte		ASTBOUND			VESTBOUND		
OL Section	From	To	ARTERIAL NAME			Model/Counts	07 Model		Model/Counts			Model/Counts
	80		Walnut St	323	269	1.20	107	157	0.68	216	112	1.93
	990	3 9821	Old US 95 n/o SH53	825	328	2.52	421	147	2.86	404	181	2.23
	989		US 95	1081	979	1.10	586	492	1.19	495	487	1.02
	88	6 1173	Northweest Blvd	1864	1922	0.97	890	945	0.94	974	977	1.00
	86	8 1172	Ironwood Blvd	1015	1270	0.80	475	735	0.65	540	535	1.01
	83	81 832	Appleway Ave	764	1415	0.54	393	688	0.57	371	727	0.51
	76	762	Neider Ave	960	1080	0.89	416	535	0.78	544	545	1.00
	69		Kathleen Ave	421	1083	0.39	305	587	0.52	116	496	0.23
	61		Dalton Ave	660	589	1.12	279	298	0.94	381	291	1.31
	57		Hanley Ave	1019	925	1.10	437	457	0.96	582	468	1.24
	50		Prairie Ave	932	1135	0.82	463	705	0.66	469	430	1.09
	45		Honeysuckle Ave	791	758	1.04	371	337	1.10	420	421	1.00
	42		Hayden Ave	276	903	0.31	96	440	0.22	180	463	0.39
	998		Miles Ave	314	250	1.26	178	119	1.50	136	131	1.04
	998		Wyoming Ave	288	246	1.17	78	160	0.49	210	86	2.44
	33		Lancaster Ave	275	141	1.95	71	97	0.73	204	44	4.64
	25		Garwood Rd Ohio Match Rd	151	193	0.78	91	112	0.81	60	81 20	0.74
	24	16 24/	TOTAL	31 11990	71 13557	0.44 0.88	12 5669	51 7062	0.24 0.80	19 6321	6495	0.95 0.97
SCREENLINE NU	MDED.	#25	TOTAL	11000	1000/	0.00	3003	7002	0.00	0021	0400	0.07
SCREENLINE NO												
		West Sid	e KMPO Screenline # 25									
			e KMPO Screenline # 25 s: EB and WB Total	Model and C	ounts		ASTROUND	,		WESTBOUND	,	
						Model/Counts	EASTBOUND 07 Model					Model/Counts
	Correspo	nd <mark>ing Link</mark> To	s: EB and WB Total						Model/Counts 1.03			
	Correspo From	nd <mark>ing Link: To</mark> 5 717	S: EB and WB Total ARTERIAL NAME	07_Model	07_Counts 557	Model/Counts	07_Model	07_Counts	Model/Counts	07_Model	07_Counts	
	Correspo From 901 104	nding Links To 5 717 19 9355 8 9362	SEB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line	07_Model 576 0 223	07_Counts 557 59 224	Model/Counts 1.03 0.00 1.00	07_Model 310 0 89	07_Counts 300 25 89	1.03 0.00 1.00	07_Model 266 0 134	07_Counts 257 34 135	1.04 0.00 0.99
	901 104 106 106	nding Links To 15 717 19 9355 88 9362 82 9354	EB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95	07_Model 576 0 223 0	07_Counts 557 59 224 6	Model/Counts 1.03 0.00 1.00 0.00	07_Model 310 0 89 0	97_Counts 300 25 89 4	Model/Counts 1.03 0.00 1.00 0.00	07_Model 266 0 134 0	07_Counts 257 34 135 2	1.04 0.00 0.99 0.00
	901 104 106 51	To 15 717 19 9355 18 9362 18 9364 19 9945	S: EB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line	07_Model 576 0 223 0 668	07_Counts 557 59 224 6 669	Model/Counts 1.03 0.00 1.00 0.00 1.00	07_Model 310 0 89 0 380	97_Counts 300 25 89 4 380	1.03 0.00 1.00 0.00 1.00 0.00	07_Model 266 0 134 0 288	07_Counts 257 34 135 2 289	1.04 0.00 0.99 0.00 1.00
	901 104 106 106 51	To 9355 5 717 9 9355 8 9362 92 9354 14 9945 16 9177	S: EB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95	07_Model 576 0 223 0 668 99	07_Counts 557 59 224 6 669 138	Model/Counts 1.03 0.00 1.00 0.00 1.00 0.72	07_Model 310 0 89 0 380 49	300 25 89 4 380 42	Model/Counts 1.03 0.00 1.00 0.00 1.00 1.00 1.17	07_Model 266 0 134 0 288 50	07_Counts 257 34 135 2 289 96	1.04 0.00 0.99 0.00 1.00 0.52
	901 104 106 51	To 9355 5 717 9 9355 8 9362 92 9354 14 9945 16 9177	S: EB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95	07 Model 576 0 223 0 668 99 30	557 59 224 6 669 138 37	Mode/Counts 1.03 0.00 1.00 0.00 1.00 0.72 0.81	07_Model 310 0 89 0 380 49	300 25 89 4 380 42 22	Model/Counts 1.03 0.00 1.00 0.00 1.00 1.00 1.17 0.86	07_Model 266 0 134 0 288 50 11	257 34 135 2 289 96 15	1.04 0.00 0.99 0.00 1.00 0.52 0.73
SL Section	Correspo From 901 102 106 106 51 107	nding Links To 5 717 9 9355 88 9362 92 92 93 94 99 97 97 98	S: EB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95	07_Model 576 0 223 0 668 99	07_Counts 557 59 224 6 669 138	Model/Counts 1.03 0.00 1.00 0.00 1.00 0.72	07_Model 310 0 89 0 380 49	300 25 89 4 380 42	Model/Counts 1.03 0.00 1.00 0.00 1.00 1.00 1.17	07_Model 266 0 134 0 288 50	07_Counts 257 34 135 2 289 96	1.04 0.00 0.99 0.00 1.00 0.52
SL Section SCREENLINE NU	Correspo From 901 104 106 106 51 107 MBER:	nding Links To  5 717 9 9355 88 9362 92 92 93 94 99 97 99 97 83	S: EB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL	07 Model 576 0 223 0 668 99 30	557 59 224 6 669 138 37	Mode/Counts 1.03 0.00 1.00 0.00 1.00 0.72 0.81	07_Model 310 0 89 0 380 49	300 25 89 4 380 42 22	Model/Counts 1.03 0.00 1.00 0.00 1.00 1.00 1.17 0.86	07_Model 266 0 134 0 288 50 11	257 34 135 2 289 96 15	1.04 0.00 0.99 0.00 1.00 0.52 0.73
SCREENLINE NU	Correspo From 901 104 106 51 107 MBER: CATION:	nding Links To 15 717 19 9355 18 9362 19 9354 14 9945 16 9177 17 9 9783 #26 East Side	S: EB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line Sitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 TOTAL  KMPO Screenline # 28	07 Model 576 0 223 0 668 99 30 1596	07_Counts 557 59 224 6 669 138 37 1690	Model/Counts 1.03 0.00 1.00 0.00 1.00 0.72 0.81 0.94	07_Model 310 0 89 0 380 49 19 847	97 Counts 300 25 89 4 380 42 22 862	Model/Counts 1.03 0.00 1.00 0.00 1.00 1.17 0.86 0.98	07 Model 266 0 134 0 288 50 11 749	07 Counts 257 34 135 2 289 96 15 828	1.04 0.00 0.99 0.00 1.00 0.52 0.73
SCREENLINE NU	Correspo From 901 100 100 100 51 100 107 MBER: CATION:	nding Links To  15 717 19 9355 88 9362 92 9354 44 9945 16 9177 9 9783 #26 East Side	S: EB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 TOTAL  KMPO Screenline # 26 S: EB and WB Total	07 Model 576 0 223 0 668 99 30 1596	07 Counts 557 59 224 6669 138 37 1690	Model/Counts 1.03 0.00 1.00 0.00 1.00 0.72 0.81 0.94	07 Model 310 0 89 0 380 49 19 847	97 Counts 300 25 89 4 380 42 22 862	Model/Counts 1.03 0.00 1.00 0.00 1.00 1.17 0.86 0.98	07 Model 266 0 134 0 288 50 11 749	07 Counts 257 34 135 2 289 96 15 828	1.04 0.00 0.99 0.00 1.00 0.52 0.73 0.90
SL Section  SCREENLINE NU	Correspo From 901 100 100 51 100 51 100 MBER: CATION: Correspo From	nding Links To  5 717 9 9356 8 9362 82 9354 4 9945 16 9177 9 9783 #26 East Side	S: EB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  KMPO Screenline # 28 S: EB and WB Total ARTERIAL NAME	07 Model 576 0 223 0 668 99 30 1596 Model and C	07 Counts 557 59 224 6 669 138 37 1690  Counts 07_Counts	Model/Counts 1.03 0.00 1.00 0.00 0.02 0.81 0.94 Model/Counts	07 Model 310 0 89 0 380 49 19 847	07_Counts 300 25 89 4 380 42 22 862 07_Counts	1.03 0.00 1.00 0.00 1.00 1.17 0.86 0.98	07 Model 266 0 134 0 288 50 11 749	07_Counts  257 34 135 2 289 96 15 828	1.04 0.00 0.99 0.000 1.00 0.52 0.73 0.90
SL Section  SCREENLINE NU	Correspo   From   901   104   106   106   106   107	nding Link: To 5 717 9 9355 88 9362 62 9354 4 9945 69 9177 99 9783 #26 East Side To 10 1042	EB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  MMPO Screenline # 26 SEB and WB Total ARTERIAL NAME 19 0 @ Shoshone Co. Line	07 Model 576 0 223 0 668 99 30 1596 Model and C 07 Model	07 Counts 557 59 224 6 669 138 37 1690 Counts 07 Counts	Model/Counts 1.03 0.00 1.00 0.00 1.00 0.72 0.81 0.94  Model/Counts 1.00	07 Model 310 0 89 0 380 49 19 847 EASTBOUND 07 Model	07_Counts 300 25 89 4 380 42 22 862  07_Counts 521	1.03 0.00 1.00 1.00 0.00 1.00 1.17 0.86 0.98	07 Model 266 0 134 0 288 50 11 749  VESTBOUND 07 Model 486	07_Counts 257 34 135 2 289 96 15 828  07_Counts 486	1.04 0.00 0.99 0.00 1.00 0.52 0.73 0.90 Model/Counts
SL Section  SCREENLINE NU SCREENLINE LO	Correspo From 901 104 106 106 51 107 107 MBER: CATION: Correspo From 104	To  5 717  9 9355  8 9362  2 9354  4 9945  6 9177  9 9783  #26  East Sidonding Links  To  10 1042  9 9965	S: EB and WB Total ARTERIAL NAME Seltice Way W/O Back Rd Elder Rd @ Washington Line SH 58 @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 TOTAL  KMPO Screenline # 26 S: EB and WB Total ARTERIAL NAME 190 @ Shoshone Co. Line Fernan Lake Rd @ CdA City Lim	07 Model 576 0 223 0 668 99 30 1596 Model and C 07_Model 1007 96	07_Counts 557 59 224 6 669 138 37 1690  counts 07_Counts 1007 51	Model/Counts 1.03 0.00 1.00 0.00 0.00 0.72 0.81 0.94  Model/Counts 1.00 1.00	07 Model 310 0 89 0 380 49 19 847  EASTBOUND 07_Model 521 50	07_Counts 300 25 89 4 380 42 22 862  07_Counts 521 24	1.03 0.00 1.00 1.00 1.00 1.00 1.17 0.86 0.98 Model/Counts	07 Model 266 00 134 00 288 50 11 749  WESTBOUND 07_Model 486 46	07_Counts 257 34 135 2 289 96 15 828  07_Counts 486 27	1.04 0.00 0.99 0.00 1.00 0.55 0.73 0.90 Model/Counts
SL Section  SCREENLINE NU SCREENLINE LO	Correspo   From   901   104   106   106   106   107	rolling Links To	S: EB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  KMPO Screenline # 26 S: EB and WB Total ARTERIAL NAME 190 @ Shoshone Co. Line Fernan Lake Rd @ CdA City Lim Mullan Trail Rd north of 190	07 Model 576 0 223 0 668 99 30 1596 Model and C 07 Model 1007 96 318	07 Counts 557 59 224 6 669 138 37 1690  Counts 07_Counts 1007 51 76	Model/Counts 1.03 0.00 1.00 0.00 0.72 0.81 0.94  Model/Counts 1.00 1.88 4.18	07 Model 310 0 89 0 380 49 19 847  EASTBOUND 07 Model 521 50 178	97 Counts 300 25 89 4 380 42 22 862  07_Counts 521 24 50	1.03 0.00 1.00 1.00 1.00 1.00 1.17 0.86 0.98 W Model/Counts 1.00 2.08 3.56	07 Model	07_Counts 257 34 135 2 289 96 15 828  07_Counts 486 27 26	1.04 0.00 0.99 0.00 1.00 0.52 0.73 0.90 Model/Counts
SL Section  SCREENLINE NU SCREENLINE LO	Correspo From 901 104 106 55 107 MBER: CATION: Correspo From 104 94 98	To   To   To   To   To   To   To   To	SEB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington State Line Rockford Bay Rd east of US 95 TOTAL  SEMPO Screenline # 28 SEB and WB Total ARTERIAL NAME 19 0 @ Shoshone Co. Line Fernan Lake Rd @ CdA City Lim Mullan Trail Rd north of I 90 Sunnyside Rd south of Mullan Tr	07 Model 576 0 223 0 668 99 30 1596  Model and C 07 Model 1007 96 318 26	07 Counts 557 59 224 6 669 138 37 1690  Counts 07 Counts 1007 51 76 56	Model/Counts 1.03 0.00 1.00 0.00 1.00 0.72 0.81 0.94  Model/Counts 1.00 1.88 4.18 0.46	07 Model 310 0 89 0 380 49 19 847  EASTBOUND 07 Model 521 50 178 16	07_Counts 300 25 89 4 380 42 22 862  07_Counts 521 24 50 32	1.03 0.00 1.00 1.00 1.00 1.00 1.17 0.86 0.98 WModel/Counts 1.00 2.08 3.56 0.50	07 Model	07_Counts 257 344 135 2 289 96 15 828  07_Counts 486 27 266 24	1.04 0.00 0.99 0.00 1.00 0.52 0.73 0.90 Model/Counts 1.00 1.70 5.38
SL Section  SCREENLINE NU SCREENLINE LO	Correspo From 901 104 106 106 107 107 107 107 Correspo From 104 99 99	nding Links To  75 75 75 75 79 9355 88 9362 82 9354 66 9177 99 9783  #26 East Side nding Links To  10 10 10 10 10 10 10 10 10 10 10 10 10	S: EB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  KMPO Screenline # 26 S: EB and WB Total ARTERIAL NAME 190 @ Shoshone Co. Line Fernan Lake Rd @ CdA City Lim Mullan Trail Rd north of 190 Sunnyside Rd south of Mullan Tri Lancaster Rd east of Rimrock	07 Model	77 Counts 557 59 224 66 669 138 37 1690  Counts 07_Counts 1007 51 76 56	Model/Counts 1.03 0.00 1.00 0.00 0.00 0.72 0.81 0.94  Model/Counts 1.00 1.88 4.18 0.46 2.69	07 Model 310 0 89 0 380 49 19 847 EASTBOUND 07 Model 521 50 178 16	07 Counts 300 25 89 4 380 42 22 862  07 Counts 521 24 50 32 54	1.03 0.00 1.00 1.00 1.00 1.17 0.86 0.98 Model/Counts 1.00 2.08 3.56 0.50	07 Model	07_Counts	1.04 0.00 0.99 0.00 1.00 0.52 0.73 0.90 Model/Counts 1.00 1.77 5.38 0.42 2.20
SL Section  SCREENLINE NU SCREENLINE LO	Correspo From 901 104 106 55 100 107 MBER: CATION: Correspo From 104 94 95 96 97 98	To	S: EB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  KMPO Screenline # 26 S: EB and WB Total ARTERIAL NAME 190 @ Shoshone Co. Line Fernan Lake Rd @ CdA City Lim Mullan Trail Rd north of 190 Sunnyside Rd south of Mullan T Lancaster Rd east of Rimrock Ohio Match Rd East of Rimrock	07 Model 576 06 223 0 6688 99 30 1596 Model and C 07 Model 1007 96 3188 26 288	07 Counts 557 599 224 6 6699 138 37 1690  Counts 07_Counts 1007 51 76 56 56 107 344	Model/Counts 1.03 0.00 1.00 0.00 0.00 0.72 0.81 0.94  Model/Counts 1.00 1.88 4.18 0.46 2.699 0.00	07 Model 310 0 89 0 380 49 19 847 EASTBOUND 07_Model 521 50 178 16 181	07_Counts 300 25 89 4 380 42 22 862  07_Counts 521 24 50 32 54 23	1.03 0.00 1.00 1.00 1.00 1.00 1.17 0.86 0.98 W Model/Counts 1.00 2.08 3.56 0.50 3.35 0.50	07 Model	07 Counts 257 344 135 2 289 96 15 828  07_Counts 486 27 266 244 53 111	1.04 0.00 0.99 0.00 1.00 0.52 0.73 0.90 Model/Counts 1.00 1.70 5.38 0.42 2.002
SL Section  SCREENLINE NU SCREENLINE LO	Correspo From 901 104 106 106 107 107 107 107 Correspo From 104 99 99	Links   Links   To	S: EB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  KMPO Screenline # 26 S: EB and WB Total ARTERIAL NAME 190 @ Shoshone Co. Line Fernan Lake Rd @ CdA City Lim Mullan Trail Rd north of 190 Sunnyside Rd south of Mullan Tri Lancaster Rd east of Rimrock	07 Model 576 0 223 0 0 668 99 300 1596 Model and C 07 Model 1007 96 318 26 288 0	77 Counts 557 59 224 66 669 138 37 1690  Counts 07_Counts 1007 51 76 56	Model/Counts 1.03 0.00 1.00 0.00 0.00 0.72 0.81 0.94  Model/Counts 1.00 1.88 4.18 0.46 2.69	07 Model 310 0 89 0 380 49 19 847 EASTBOUND 07 Model 521 50 178 16	07 Counts 300 25 89 4 380 42 22 862  07 Counts 521 24 50 32 54	1.03 0.00 1.00 1.00 1.00 1.17 0.86 0.98 Model/Counts 1.00 2.08 3.56 0.50	07 Model	07_Counts	1.04 0.00 0.99 0.000 1.00 0.52 0.73 0.90
SL Section SCREENLINE NU	Correspo From 901 104 106 55 100 107 MBER: CATION: Correspo From 104 94 95 96 97 98	To	S: EB and WB Total ARTERIAL NAME Seltice Way W/O Beck Rd Elder Rd @ Washington Line SH 58 @ Washington Line Bitter Rd east of US 95 SH 53 @ Washington State Line Rockford Bay Rd east of US 95 Conkling Rd east of US 95 TOTAL  KMPO Screenline # 26 S: EB and WB Total ARTERIAL NAME 190 @ Shoshone Co. Line Fernan Lake Rd @ CdA City Lim Mullan Trail Rd north of 190 Sunnyside Rd south of Mullan T Lancaster Rd east of Rimrock Ohio Match Rd East of Rimrock	07 Model 576 06 223 0 6688 99 30 1596 Model and C 07 Model 1007 96 3188 26 288	07 Counts 557 599 224 6 6699 138 37 1690  Counts 07_Counts 1007 51 76 56 56 107 344	Model/Counts 1.03 0.00 1.00 0.00 0.00 0.72 0.81 0.94  Model/Counts 1.00 1.88 4.18 0.46 2.699 0.00	07 Model 310 0 89 0 380 49 19 847 EASTBOUND 07_Model 521 50 178 16 181	07_Counts 300 25 89 4 380 42 22 862  07_Counts 521 24 50 32 54 23	1.03 0.00 1.00 1.00 1.00 1.00 1.17 0.86 0.98 W Model/Counts 1.00 2.08 3.56 0.50 3.35 0.50	07 Model	07 Counts 257 344 135 2 289 96 15 828  07_Counts 486 27 266 244 53 111	

RUN# 9b 2007 NEW LU, Roundabouts, UPDATED External X-I, I-X and X-X, Trip Rates, Trip Distribution, No Node Delay

Date: 3/20/2009

File Location C:\Documents and Settings\[ | ren\My Documents\[ |

Originated by: Tony wang



CODEENIUME ASSESSED	ED.	#07										
SCREENLINE NUMB SCREENLINE LOCAT		#27	ent Way Screenline # 27									
				Model and C			ASTBOUND			VESTBOUND		
SL Section						Model/Counts	07 Model					Model/Counts
	9733		Government Way	07_M00ei 465	0/_Counts 349	1.33	219	166	1.32	246	183	1.34
	9/33		N/O Sherman Ave	1147	1307	0.88	629	657	0.96	518	650	0.80
	9825		Foster Ave	514	155	3.32	301	89	3.38	213	66	3.23
	9812		Harrison Ave	256	743	0.34	145	413	0.35	111	330	0.34
	833		Appleway/Best Ave	1215	1446	0.84	543	795	0.68	672	651	1.03
	777		Neider Ave	1006	1004	1.00	561	504	1.11	445	500	0.89
	10159		Margaret Ave	607	826	0.73	320	461	0.69	287	365	0.79
	617		Dalton Ave	498	622	0.80	289	347	0.83	209	275	0.76
	573		Hanley Ave	137	450	0.30	61	202	0.30	76	248	0.31
	527		Wilbur Ave	162	107	1.51	68	65	1.05	94	42	2.24
	502		Prairie Ave	844	840	1.00	493	482	1.02	351	358	0.98
	456		Honeysuckle Ave	510	497	1.03	270	269	1.00	240	228	1.05
	428		Hayden Ave	307	540	0.57	193	305	0.63	114	235	0.49
	393		Miles Ave	285	230	1.24	168	117	1.44	117	113	1.04
	374	9044	Wyoming Ave	151	89	1.70	4	56	0.07	147	33	4.45
	339	340	Lancaster Ave	329	244	1.35	164	143	1.15	165	101	1.63
			TOTAL	8433	9449	0.89	4428	5071	0.87	4005	4378	0.91
SCREENLINE NUMB	ER:	#28										
SCREENLINE LOCAT	TION:	190 Ramp	ps Screenline # 28									
SCREENLINE LOCAT SL Section				Model and C			ASTBOUND		v	VESTBOUND	1	
	Correspond From	ling Links To	: EB and WB Total ARTERIAL NAME		07_Counts	E Model/Counts	ASTBOUND 07_Model		V Model/Counts			Model/Counts
	Correspond From 752	Ing Links To 719	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On	07_Model 1095	07_Counts 756	Model/Counts 1.45	07_Model 586	07_Counts 440	Model/Counts 1.33	07_Model 509	07_Counts 316	1.61
	Correspond From 752 751	719 752	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off	07_Model 1095 1260	07_Counts 756 768	Model/Counts 1.45 1.64	07_Model 586 645	07_Counts 440 409	Model/Counts 1.33 1.58	07_Model 509 615	07_Counts 316 359	1.61 1.71
	752 751 703	719 752 70	: EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off I 90 Ramp @ Spokane St On	07_Model 1095 1260 505	07_Counts 756 768 692	Model/Counts 1.45 1.64 0.73	07_Model 586 645 105	07_Counts 440 409 315	Model/Counts 1.33 1.58 0.33	07_Model 509 615 400	07_Counts 316 359 377	1.61 1.71 1.06
	752 751 703 701	719 752 704 704	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off	07_Model 1095 1260 505 671	756 768 692 1123	Model/Counts 1.45 1.64 0.73 0.60	07_Model 586 645 105 468	07_Counts 440 409 315 705	Model/Counts 1.33 1.58 0.33 0.66	07_Model 509 615 400 203	97_Counts 316 359 377 418	1.61 1.71 1.06 0.49
	752 751 703 701 726	719 752 70 752 704 703 712	: EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off 190 Ramp @ Spokane St Off	07_Model 1095 1260 505 671 1834	756 768 692 1123 719	1.45 1.64 0.73 0.60 2.55	07_Model 586 645 105 468 877	07_Counts 440 409 315 705 265	Model/Counts 1.33 1.58 0.33 0.66 3.31	07_Model 509 615 400 203 957	97_Counts 316 359 377 418 454	1.61 1.71 1.06 0.49 2.11
	752 751 703 701 726 9709	719 752 70 752 704 703 712 736	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off 190 Ramp @ Seltice Way EB Or 190 Ramp @ SH 41 On	07_Model 1095 1260 505 671 1834 1081	07_Counts 756 768 692 1123 719 1152	1.45 1.64 0.73 0.60 2.55 0.94	07_Model 586 645 105 468 877 506	07_Counts 440 409 315 705 265 547	1.33 1.58 0.33 0.66 3.31 0.93	07_Model 509 615 400 203 957 575	97 Counts 316 359 377 418 454 605	1.61 1.71 1.06 0.49 2.11 0.95
	752 751 703 701 726 9709 732	719 752 704 703 712 736 731	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off 190 Ramp @ Settice Way EB On 190 Ramp @ SH 41 On 190 Ramp @ SH 41 Off	07_Model 1095 1260 505 671 1834 1081 1325	07_Counts 756 768 692 1123 719 1152 1366	1.45 1.64 0.73 0.60 2.55 0.94 0.97	586 645 105 468 877 506 585	97 Counts 440 409 315 705 265 547 623	Model/Counts 1.33 1.58 0.33 0.66 3.31 0.93 0.94	07_Model 509 615 400 203 957 575 740	97 Counts 316 359 377 418 454 605 743	1.61 1.71 1.06 0.49 2.11 0.95 1.00
	Correspond From 752 751 703 701 726 9709 732 843	719 752 704 703 712 736 731 844	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off 190 Ramp @ Seltice Way EB Or 190 Ramp @ SH 41 On 190 Ramp @ SH 41 Off 190 Ramp @ SH 41 Off 190 Ramp @ SH 41 Off	07 Model 1095 1260 505 671 1834 1081 1325 1309	756 768 692 1123 719 1152 1366 1197	Model/Counts 1.45 1.64 0.73 0.60 2.55 0.94 0.97 1.09	07_Model 586 645 105 468 877 506 585 253	97 Counts 440 409 315 705 265 547 623 329	Model/Counts 1.33 1.58 0.33 0.66 3.31 0.93 0.94 0.77	07_Model 509 615 400 203 957 575 740 1056	97 Counts 316 359 377 418 454 605 743 868	1.61 1.71 1.06 0.49 2.11 0.95 1.00
	Correspond From 752 751 703 701 726 9709 732 843 826	719 752 704 752 704 703 712 736 731 844 843	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off 190 Ramp @ Seltice Way EB Or 190 Ramp @ SH 41 On 190 Ramp @ SH 41 Off 190 Ramp @ SH 41 Off 190 Ramp @ SW Blvd/Ramsey 190 Ramp @ NW Blvd/Ramsey	07 Model 1095 1260 505 671 1834 1081 1325 1309 1203	756 756 768 692 1123 719 1152 1366 1197 1129	Model/Counts 1.45 1.64 0.73 0.60 2.55 0.94 0.97 1.09 1.07	586 645 105 468 877 506 585 253 974	07_Counts 440 409 315 705 265 547 623 329 783	Model/Counts 1.33 1.58 0.33 0.66 3.31 0.93 0.94 0.77 1.24	07_Model 509 615 400 203 957 575 740 1056 229	97 Counts 316 359 377 418 454 605 743 868 346	1.61 1.71 1.06 0.49 2.11 0.95 1.00 1.22 0.66
	Correspond From 752 751 703 701 726 9709 732 843 826 859	719 752 704 752 704 703 712 736 731 844 843 849	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St Off 190 Ramp @ Spokane St Off 190 Ramp @ Seltice Way EB Or 190 Ramp @ SH 41 On 190 Ramp @ SH 41 Off 190 Ramp @ SH 41 Off 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ WW BJvd/Ramsey	07 Model 1095 1260 505 671 1834 1081 1325 1309 1203 1438	756 768 692 1123 719 1152 1366 1197 1129 1151	Model/Counts 1.45 1.64 0.73 0.60 2.55 0.94 0.97 1.09 1.07 1.25	07 Model 586 645 105 468 877 506 585 253 974 587	07_Counts 440 409 315 705 265 547 623 329 783 325	Model/Counts 1.33 1.58 0.33 0.66 3.31 0.93 0.94 0.77 1.24 1.81	07 Model 509 615 400 203 957 575 740 1056 229 851	07_Counts 316 359 377 418 454 605 743 868 346 826	1.61 1.71 1.06 0.49 2.11 0.95 1.00 1.22 0.66 1.03
	Correspond From 752 751 703 701 726 9709 732 843 826 859 847	719 752 704 703 712 736 731 844 843 849 859	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off 190 Ramp @ Settice Way EB Or 190 Ramp @ SH 41 On 190 Ramp @ SH 41 Off 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ US 95 On 190 Ramp @ US 95 Off	07 Model 1095 1260 505 671 1834 1081 1325 1309 1203 1438 914	756 768 768 692 1123 719 1152 1366 1197 1129 1151	Model/Counts 1.45 1.64 0.73 0.60 2.55 0.94 0.97 1.09 1.07 1.25 1.01	07 Model 586 645 105 468 877 506 585 253 974 587 504	97_Counts 440 409 315 705 265 547 623 329 783 325 642	Model/Counts 1.33 1.58 0.33 0.66 3.31 0.93 0.94 0.77 1.24 1.81 0.79	07 Model 509 615 400 203 957 575 740 1056 229 851 410	316 359 377 418 454 605 743 868 346 826 260	1.61 1.71 1.06 0.49 2.11 0.95 1.00 1.22 0.66 1.03
	Correspond From 752 751 703 701 726 9709 732 843 826 859 847 861	Ing Links To 719 752 704 703 712 736 731 844 843 849 859 862	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off 190 Ramp @ Seltice Way EB Or 190 Ramp @ SH 41 On 190 Ramp @ SH 41 Off 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ US 95 On 190 Ramp @ US 95 Off 190 Ramp @ US 95 Off	07 Model 1095 1260 505 671 1834 1081 1325 1309 1203 1438 914 647	756 756 768 692 1123 719 1152 1366 1197 1129 1151 902 880	Model/Counts 1.45 1.64 0.73 0.60 2.55 0.94 0.97 1.09 1.07 1.25 1.01 0.74	07 Model 586 645 105 468 877 506 585 253 974 587 504	97 Counts 440 409 315 705 265 547 623 329 783 325 642 317	Model/Counts 1.33 1.58 0.33 0.66 3.31 0.93 0.94 0.77 1.24 1.81 0.79 0.57	07 Model 509 615 400 203 957 575 740 1056 229 851 410	316 359 377 418 454 605 743 868 346 826 260 563	1.61 1.71 1.06 0.49 2.11 0.95 1.00 1.22 0.66 1.03 1.58
	Correspond From 752 751 703 701 726 9709 732 843 826 859 847 861 860	Ing Links To 719 752 704 703 712 736 731 844 843 849 859 862 9788	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Seltice Way EB Or 190 Ramp @ SH 41 On 190 Ramp @ SH 41 Off 190 Ramp @ SH 41 Off 190 Ramp @ SW Blvd/Ramsey 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ WS 95 On 190 Ramp @ US 95 Off 190 Ramp @ US 95 Off 190 Ramp @ US 95 Off 190 Ramp @ Grd/4th St Off	07 Model 1095 1260 505 671 1834 1081 1325 1309 1203 1438 914 647	756 758 692 1123 719 1152 1366 1197 1129 1151 902 880 820	Model/Counts 1.45 1.64 0.73 0.60 2.55 0.94 0.97 1.09 1.07 1.25 1.01 0.74 1.17	07 Model 586 645 105 468 877 506 585 253 974 587 504 182 710	97 Counts 440 409 315 705 265 547 623 329 783 325 642 317 582	Model/Counts 1.33 1.58 0.33 0.66 3.31 0.93 0.94 0.77 1.24 1.81 0.79 0.57	07 Model 509 615 400 203 957 575 740 1056 229 851 410 465 252	07_Counts 316 359 377 418 454 605 743 868 346 826 260 563 238	1.61 1.71 1.06 0.49 2.11 0.95 1.00 1.22 0.66 1.03 1.58 0.83
	Correspond From  752 751 703 701 726 9709 732 843 826 859 847 861 860 9795	Ing Links To 719 752 704 703 712 736 731 844 843 849 859 862 9788 912	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off 190 Ramp @ Seltice Way EB Or 190 Ramp @ SH 41 On 190 Ramp @ SH 41 Off 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ US 95 On 190 Ramp @ US 95 Off 190 Ramp @ US 95 Off 190 Ramp @ US 95 Off 190 Ramp @ 3rd/4th St On 190 Ramp @ 3rd/4th St Off 190 Ramp @ 3rd/4th St Off	07 Model 1095 1260 5055 671 1834 1081 1325 1309 1203 1438 914 647 962 460	756 758 692 1123 719 1152 1366 1197 1129 1151 902 880 820 389	Model/Counts 1.45 1.64 0.73 0.60 2.55 0.94 0.97 1.09 1.07 1.25 1.01 0.74 1.17	586 645 105 468 877 506 585 253 974 587 504 182 710	97_Counts 440 409 315 705 265 547 623 329 783 325 642 317 582 71	Model/Counts 1.33 1.58 0.33 0.66 3.31 0.93 0.94 0.77 1.24 1.81 0.79 0.57 1.22 2.34	07 Model 509 615 400 203 957 575 740 1056 229 851 410 465 252 294	07_Counts 316 359 377 418 454 605 743 868 346 826 260 563 238 318	1.61 1.71 1.06 0.49 2.11 0.95 1.00 1.22 0.66 1.03 1.58 0.83 1.06
	Correspond From  752 751 703 701 726 9709 732 843 826 859 847 861 860 9795 885	719 719 752 704 703 712 736 731 844 843 849 859 862 9788 912	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off 190 Ramp @ Seltice Way EB Or 190 Ramp @ SH 41 On 190 Ramp @ SH 41 Off 190 Ramp @ NW Blwd/Ramsey 190 Ramp @ NW Blwd/Ramsey 190 Ramp @ US 95 On 190 Ramp @ US 95 Off 190 Ramp @ US 95 Off 190 Ramp @ Tsth St Off 190 Ramp @ Tsth St Off 190 Ramp @ 15th St Off 190 Ramp @ 15th St Off	07 Model 1095 1260 505 671 1834 1081 1325 1309 1203 1438 914 647 962 460 627	756 758 692 1123 719 1152 1366 1197 1159 1151 902 880 820 389 534	Model/Counts 1.45 1.64 0.73 0.60 2.55 0.94 0.97 1.09 1.07 1.25 1.01 0.74 1.17	586 645 105 468 877 506 585 253 974 587 504 182 710 166 511	97 Counts 440 409 315 705 265 547 623 329 783 325 642 317 582 71 440	Model/Counts 1.33 1.58 0.33 0.66 3.31 0.93 0.94 0.77 1.24 1.81 0.79 0.57 1.22 2.34	07 Model 509 615 400 203 957 575 740 1056 229 851 410 465 252 294 116	07_Counts 316 359 377 418 454 605 743 868 346 826 260 563 238 318	1.61 1.71 1.06 0.49 2.11 0.95 1.00 1.22 0.66 1.03 1.58 0.83 1.06
	Correspond From  752 751 703 701 726 9709 732 843 826 859 847 861 860 9795 885 9011	Ing Links To 719 752 704 703 712 736 731 844 843 849 859 862 9788 912 9796 968	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off 190 Ramp @ Seltice Way EB Or 190 Ramp @ SH 41 Off 190 Ramp @ SH 41 Off 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ US 95 On 190 Ramp @ US 95 Off 190 Ramp @ JS 95 Off	07 Model 1095 1260 505 671 1834 1081 1325 1309 1203 1438 914 647 962 460 627	07 Counts 756 768 692 1123 719 1152 1366 1197 1129 1151 902 880 820 389 534 407	Model/Counts 1.45 1.64 0.73 0.60 2.55 0.94 0.97 1.09 1.07 1.25 1.01 0.74 1.17 1.18	97 Model 586 645 105 468 877 506 585 253 974 587 504 182 710 166 511	97 Counts 440 409 315 705 265 547 623 329 783 325 642 317 582 71 440 88	Model/Counts 1.33 1.58 0.33 0.66 3.31 0.93 0.94 0.77 1.24 1.81 0.79 0.57 1.22 2.34 1.16 1.18	07 Model 509 615 400 203 957 575 740 1056 229 851 410 465 252 294 116 355	07_Counts 316 359 377 418 454 605 743 868 346 826 260 563 238 318 94	1.61 1.71 1.06 0.49 2.11 0.95 1.00 1.22 0.66 1.03 1.58 0.83 1.06 0.92 1.23
	Correspond From  752 751 703 701 726 9709 732 843 826 859 847 861 860 9795 885	Ing Links To 719 752 704 703 712 736 731 844 843 849 859 862 9788 912 9796 968	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off 190 Ramp @ Seltice Way EB Or 190 Ramp @ SH 41 On 190 Ramp @ SH 41 Off 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ US 95 Off 190 Ramp @ US 95 Off 190 Ramp @ 3rd/4th St On 190 Ramp @ 3rd/4th St Off 190 Ramp @ 15th St On 190 Ramp @ 15th St Off	07 Model 1095 1260 505 671 1834 1081 1325 1309 1203 1438 914 647 962 460 627 459 465	756 758 692 1123 719 1152 1366 1197 1129 1151 902 880 820 389 534 407	Model/Counts 1.45 1.64 0.73 0.60 2.55 0.94 0.97 1.09 1.07 1.25 1.01 0.74 1.17 1.18 1.17 1.13	07 Model 586 645 105 468 877 506 585 253 974 587 504 182 710 166 511 104 374	97 Counts 440 409 315 705 265 547 623 329 783 325 642 317 582 71 440 88	Model/Counts 1.33 1.58 0.33 0.66 3.31 0.93 0.94 0.77 1.24 1.81 0.79 0.57 1.22 2.34 1.16 1.18 1.08	07 Model 509 615 400 203 957 575 740 1056 229 851 410 465 252 294 116 355	07_Counts 316 359 377 418 454 605 743 868 346 826 260 563 238 318 94 319 87	1.61 1.71 1.06 0.49 2.11 0.95 1.00 1.22 0.66 1.03 1.58 0.83 1.06 0.92 1.23
	Correspond From  752 751 703 701 726 9709 732 843 826 859 847 861 860 9795 885 9011	Ing Links To 719 752 704 703 712 736 731 844 843 849 859 862 9788 912 9796 968	EB and WB Total ARTERIAL NAME SR 90 @ Pleasant View Rd On SR 90 @ Pleasant View Rd Off 190 Ramp @ Spokane St On 190 Ramp @ Spokane St Off 190 Ramp @ Seltice Way EB Or 190 Ramp @ SH 41 Off 190 Ramp @ SH 41 Off 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ NW Blvd/Ramsey 190 Ramp @ US 95 On 190 Ramp @ US 95 Off 190 Ramp @ JS 95 Off	07 Model 1095 1260 505 671 1834 1081 1325 1309 1203 1438 914 647 962 460 627	07 Counts 756 768 692 1123 719 1152 1366 1197 1129 1151 902 880 820 389 534 407	Model/Counts 1.45 1.64 0.73 0.60 2.55 0.94 0.97 1.09 1.07 1.25 1.01 0.74 1.17 1.18	97 Model 586 645 105 468 877 506 585 253 974 587 504 182 710 166 511	97 Counts 440 409 315 705 265 547 623 329 783 325 642 317 582 71 440 88	Model/Counts 1.33 1.58 0.33 0.66 3.31 0.93 0.94 0.77 1.24 1.81 0.79 0.57 1.22 2.34 1.16 1.18	07 Model 509 615 400 203 957 575 740 1056 229 851 410 465 252 294 116 355	07_Counts 316 359 377 418 454 605 743 868 346 826 260 563 238 318 94	1.61 1.71 1.06 0.49 2.11 0.95 1.00 1.22 0.66 1.03 1.58 0.83 1.06 0.92 1.23