



Noise Analysis Report

Lockwood Interchange - Billings

STPX 90-8(191)450

UPN 9588000

Yellowstone County, Montana

December 11, 2020

DRAFT

Prepared for:

MONTANA
MDT★
DEPARTMENT OF TRANSPORTATION
Montana Department of Transportation
2701 Prospect Avenue
Helena, MT 59620

Prepared by:

HDR
HDR
970 S 29th St W
Billings, MT 59102

EXECUTIVE SUMMARY

HDR Engineering, Inc., (HDR) conducted a traffic noise analysis to evaluate the potential noise impacts associated with the proposed *Lockwood Interchange - Billings* project in Yellowstone County, Montana. The Montana Department of Transportation is conducting a feasibility study to evaluate interchange improvement options of the Lockwood Interchange located on Interstate 90 (I-90) near Billings from approximately the Lockwood Interchange at reference post (RP) 452.5 to the Johnson Lane interchange at RP 455.3. The study area includes the vicinity of the Lockwood Interchange, including on/off ramps and Old U.S. Highway 87 (Old Hardin Road) west to the railroad overpass west of North Frontage Road and east to Lockview Lane. The project includes the development of an auxiliary lane (3rd travel lane) on I-90 in each direction between interchanges.

The purpose of this analysis is to fulfill the requirements of Title 23 of the Code of Federal Regulations (CFR) Part 772, Procedures for Abatement of Highway Traffic Noise and Construction Noise, and the MDT Traffic Noise Analysis and Abatement Policy (January 1, 2017).

The 2044 design year alternative noise level is on average 3.4 dB(A) greater than the noise level predicted for the existing year (2020) alternative, with a maximum 6.1 dB(A) increase in noise level at some residences.

Based on the noise analysis performed, noise from the proposed project is predicted to exceed the Noise Abatement Criteria (NAC) at 99 receptors in the study area during the design year (2044). The present report does not include a noise abatement study for these impacts.

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1 Introduction

This report evaluates potential noise impacts from the Lockwood Interchange - Billings project near Billings, Montana. The Montana Department of Transportation (MDT) *Traffic Noise Analysis and Abatement Policy* (2017) constitutes the official Montana noise policy and procedures for the purpose of meeting the requirements of Title 23 of the Code of Federal Regulations (CFR) Part 772 and applicable state laws. This analysis conforms to Federal Highway Administration (FHWA) Regulation 23 CFR 772, *Procedures for Abatement of Highway Traffic Noise and Construction Noise*, and all applicable state laws. The project is considered a Type I project under 23 CFR 772 requiring a noise analysis due to the proposed physical alteration of the existing highway that substantially changes both the horizontal and vertical alignment as well as the addition of through travel lanes.

1.1 Project Purpose

MDT, in partnership with FHWA, is conducting a feasibility study (Other (OT) phase) to evaluate interchange improvement options of the Lockwood Interchange located on Interstate 90 (I-90) near Billings from approximately the Lockwood Interchange at reference post (RP) 452.5 to the Johnson Lane interchange at RP 455.3. The project includes the development of an auxiliary lane (3rd travel lane) on I-90 in each direction between interchanges. The purpose of the project is to address roadway deficiencies and improve traffic operations at the Lockwood Interchange as well as along I-90 between the Lockwood and Johnson Lane interchanges. To best meet the purpose and need of the project, MDT is proposing to reconstruct the Lockwood Interchange as a diverging diamond interchange.

Improvements to I-90 are currently being designed on the segment immediately to the west of the project as part of the I-90 Yellowstone R - Billings project (UPN 7972000), which ends on the west side of the Lockwood Interchange and includes interstate widening to provide three through-lanes in each direction. The Johnson Lane Interchange located immediately to the east will be reconstructed as part of the Billings Bypass project (UPN 4199006 and 4199007). This project will connect the two adjacent projects while taking into consideration the operations and access at the Lockwood Interchange.

This noise analysis was conducted to evaluate the potential noise impacts associated with the proposed Lockwood Interchange - Billings project (Project) in Yellowstone County, Montana.

The purpose of this noise report is to:

- Provide a discussion of the fundamentals of noise and traffic noise analysis;
- Evaluate existing traffic noise levels in the corridor;
- Predict the traffic noise levels associated with the Project for identified sensitive receptors. Sensitive receptors are uses adjacent to the studied corridor (such as houses, parks and schools) that might be affected by traffic noise;
- Identify the typical distance from the roadway at which noise levels would be predicted to approach the Federal Noise Abatement Criteria (NAC) noise levels of Leq(h) 57 dB(A), 67 dB(A) and 72 dB(A). "Approaching" this level is defined by MDT policy as a noise level within one decibel of the NAC;
- Quantify the number of properties that are predicted to experience roadway noise levels that exceed the applicable standards; and,
- Quantify the number of properties that are predicted to cause a substantial increase in noise over existing noise levels. MDT defines a substantial increase as 13 dB(A) over existing.

It should be noted that, because this OT phase study is limited to preliminary design, the noise analysis did not include evaluation of design modifications to reduce noise impacts or analysis of reasonableness and feasibility of noise abatement. As the project progresses and a preferred alternative is selected to move into final design, completion of these activities can occur at a later phase in project development through a contract amendment.

1.2 Project Location

The Project is located outside the city limit boundary of the City of Billings and is approximately 1.5 miles from Downtown Billings. The Lockwood Interchange is within the Census-Designated Place for Lockwood, MT. The project is located within Sections 25, 26, and 35 of Township 1 North, Range 26 East and Sections 19 and 30 of Township 1 North, Range 27 East, Montana Principal Meridian. The general project area is shown in Figure 1-1. The noise study area identified in Figure 1-1 encompasses a 500-foot buffer distance on either side of the modified roadways.

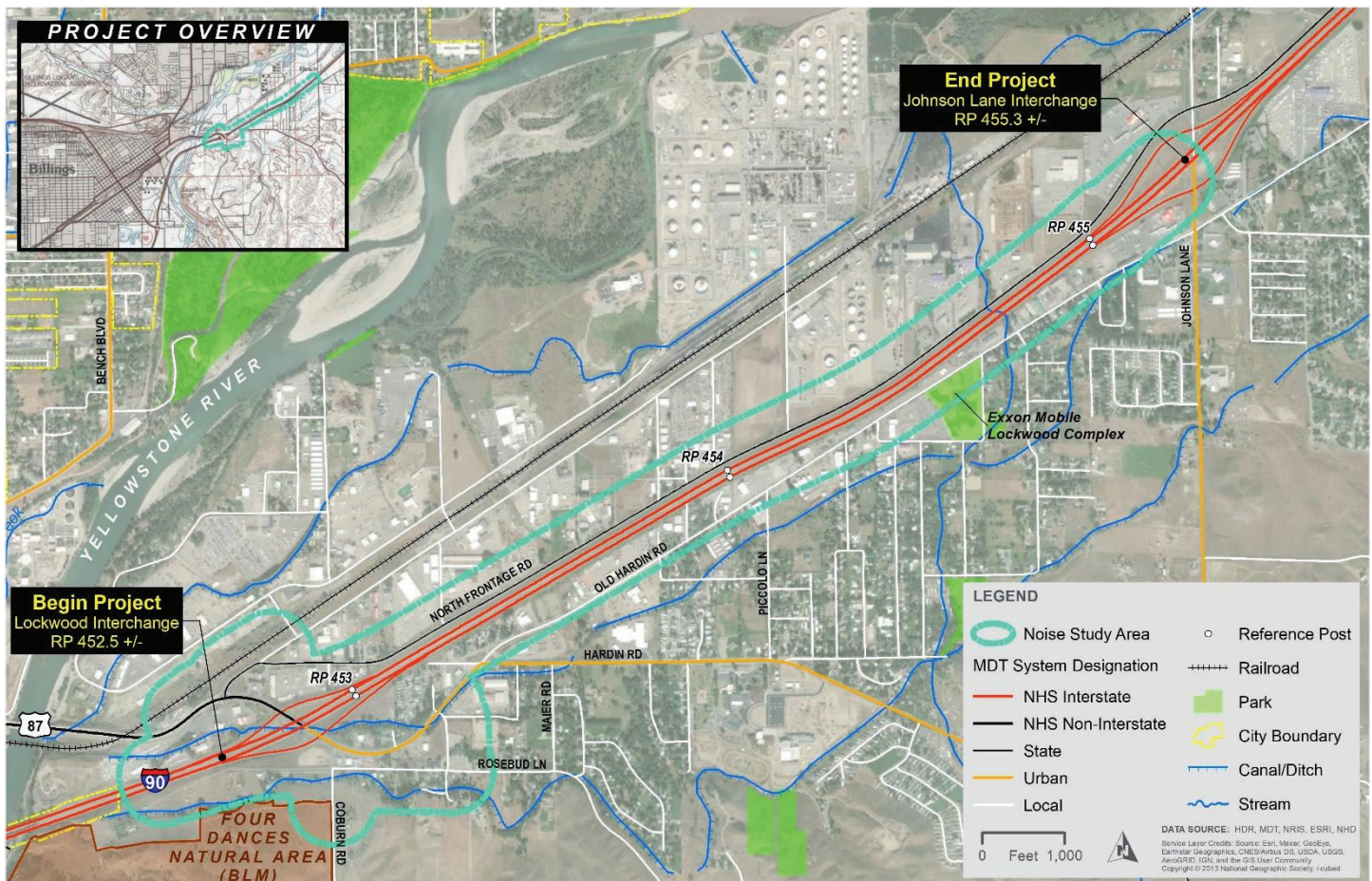


Figure 1-1. Project Location and Noise Study Area

2 Methodology

The noise study for this Project was prepared in accordance with the MDT *Traffic Noise Analysis and Abatement Policy*, dated January 1, 2017, to comply with the amended 23 CFR 772, which became effective July 2011.

The noise study includes two distinct scenarios consisting of the Existing year (2020) conditions and the design year (2044) Build Alternative conditions. A No-Build scenario is not required for this Project. The noise study boundary extends 500 feet from either side of the roadways proposed to be modified by the Project.

2.1 Noise Metrics

Noise can be described as unwanted sound that may interfere with communication or disturb the community. Noise levels are measured in decibels (dB), a unit used to measure the intensity or pressure level of a sound on a logarithmic scale. For traffic noise purposes the A-weighted scale is used, which provides a single number measure that weighs different frequencies in a manner similar to the sensitivity of the human ear. Thus, the A-weighted sound level in decibels, expressed in dB(A), provides a simple measure of intensity and frequency that correlates well with the human response to environmental noise.

The noise level descriptor used by MDT is the equivalent sound pressure level (Leq). The Leq is defined as the continuous steady sound level that would have the same total A-weighted sound energy as the real fluctuating sound measured over a given period of time. Traffic noise levels are measured with the hourly equivalent sound pressure level, expressed as Leq(h). Table 2-1 illustrates how traffic noise levels relate to other sound sources.

Table 2-1. Typical Noise Levels

Common Outdoor Activities	Noise Level dB(A)	Common Indoor Activities
	-110-	Rock Band at 16 ft
Jet Fly-over at 1000 ft	-100-	Inside Subway Train (New York)
Gas Lawn Mower at 3 ft	-90-	Food Blender at 3 ft Garbage Disposal at 3 ft
Diesel Truck at 50 ft	-80-	Shouting at 3 ft
Gas Lawn Mower at 100 ft	-70-	Vacuum Cleaner at 10 ft
Commercial Area	-60-	Normal Speech at 3 ft Large Business Office
Quiet Urban Daytime	-50-	Dishwasher Next Room
Quiet Urban Nighttime Quiet Suburban Nighttime	-40-	Small Theater, Large Conference Room Library
	-30-	Bedroom at Night Concert Hall (Background)
Quiet Rural Nighttime	-20-	Broadcast/Recording Studio
	-10-	Lowest Threshold of Human Hearing
	-0-	

Source: FHWA

2.2 Federal and State Regulations

Traffic noise impact from the Project was assessed in accordance with FHWA and MDT noise assessment regulations and guidelines. FHWA's *Procedures for Abatement of Highway Traffic Noise and Construction Noise*, 23 CFR 772, requires the following during the planning and design of a highway project.

1. Identification of highway traffic noise impacts;
2. Examination of potential abatement measures;
3. Gather public input approval for reasonable and feasible abatement measures (if necessary);
4. Incorporation of reasonable and feasible highway traffic noise abatement measures into the highway project (if necessary);
5. Coordination with local officials to provide helpful information on compatible land use planning and control; and
6. Identification and incorporation of necessary measures to abate construction noise.

The highway traffic noise impact identification process involves a review of the existing and permitted noise-sensitive properties that parallel the highway corridor and determining existing and future noise levels within those areas. Noise-sensitive land use is identified by inspecting current aerial photography and performing site reconnaissance. Highway traffic noise analyses are also performed for undeveloped lands when they are considered permitted developments.

The FHWA mandates the most recent version of the Traffic Noise Model® (TNM) software be used to predict noise levels from roadway operations. Additional information about this software is given in the next section. After the existing and proposed land uses are established, the horizontal and vertical geometry of the study area is validated in the TNM through a process that compares modeled noise levels to actual field measured noise levels. The noise model must predict noise levels that are within 3 dB(A) of the actual levels in order to be considered valid. Future design year traffic is applied to a model that has been validated for the existing condition to estimate design year (2044) noise levels.

The FHWA NAC presented in 23 CFR 772 establish criteria for traffic noise impact assessment with respect to various land uses (see Table 2-2). A traffic noise impact is defined as a future noise level that approaches or exceeds the FHWA NAC or a future noise level that creates a substantial noise increase over existing noise levels. An approaching noise level is defined as being 1 dB(A) less than the noise level listed as the FHWA NAC for Activity Categories A through E in Table 2-2. The FHWA allows states to define a substantial noise increase as an increase of anywhere between 5 and 15 dB(A). MDT uses a 13 dB(A) increase between the existing and modeled design year sound levels to identify a substantial increase impact.

If one or more receptors are affected by project-related traffic noise levels that approach or exceed the abatement criteria, or that substantially exceed existing noise levels, then abatement measures must be considered. If the abatement criteria is not approached or exceeded, or if projected traffic noise levels do not substantially exceed existing noise levels, abatement measures will not be considered. For this analysis, noise impacts were evaluated for residential, recreational, and commercial properties within 500 feet of the Project and compared to the FHWA criteria for Activity Category “B”, “C”, or “E”, as appropriate.

Table 2-2. Noise Abatement Criteria

Hourly A-Weighted Sound Level – decibels (dB(A))				
Activity Category	Activity Criteria Leq(h) ¹		Evaluation Location	Description of Activity Category
	FHWA	MDT		
A	57	56	Exterior	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
B ²	67	66	Exterior	Residential
C ²	67	66	Exterior	Active sports areas, amphitheatres, auditoriums, campgrounds, cemeteries, day care centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreational areas, Section 4(f) sites, schools, television studios, trails, and trail crossings.
D	52	51	Interior	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios.
E ²	72	71	Exterior	Hotels, motels, offices, restaurants/bars, and other developed lands, properties or activities not included in A-D or F.
F	--	--	--	Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities (water resources, water treatment, electrical), and warehousing.
G	--	--	--	Undeveloped lands that are not permitted.

(Based on Table 1 of 23 CFR Part 772)

¹ The Leq(h) Activity Criteria values are for impact determination only and are not design standards for noise abatement measures.

² Includes undeveloped lands permitted for this activity category.

2.3 FHWA Traffic Noise Model

The Existing year (2020) and design year (2044) Build Alternative traffic noise levels for the Project were predicted for 146 noise receptors using TNM, version 2.5. Noise contours for the Build Alternative were also predicted using the TNM. In accordance with 23 CFR 772.9(c), “Noise contour lines may be used for project alternative screening or for land use planning... but shall not be used for determining highway traffic noise impacts.” Consequently, the dimensions of the contours were determined, but are not shown on an aerial image because they were not used in the analysis. The model predicted noise levels at each receptor location, and these values are documented in this report.

TNM is FHWA’s computer program for highway traffic noise prediction and analysis. The following parameters are used in this model to calculate an hourly Leq at a specific receptor location:

- Distance between roadway and receptor;
- Relative elevations of roadway and receptor;
- Hourly traffic volumes by classification;
- Vehicle speeds;

- Ground absorption;
- Weather conditions; and
- Topographic features, including retaining walls and berms.

Available project design plans, topographic and aerial data were used to create a three-dimensional model of the existing and future design roadway configurations and the surrounding terrain. Conceptual design plans overlaid on project aerials were used in conjunction with United States Geological Survey (USGS) quadrangle maps to develop the horizontal and vertical coordinate input data required for the TNM. Roadway coordinates were placed down the center of each lane in both roadway directions. Receptor locations were identified from recent available aerial imagery and the Missoula County cadastral data.

2.4 Traffic Data

HDR used traffic data from 2020 and 2044 provided by MDT in a memorandum dated February 18, 2020, to develop the existing and build year traffic volumes to be entered into TNM. Of the peak hour counts for a.m. and p.m. provided, HDR used the higher of the counts for each segment to develop a worst-case scenario for modeling.

Vehicle classification percentages were provided by MDT for use in the noise study. The vehicle mix data was summarized for entry into the TNM into five vehicle classifications: automobiles (A); medium trucks (MT); heavy trucks (HT); buses (B); and motorcycles (M). The resulting vehicle percentages were used for the existing and build case.

Vehicle speeds were based on the roadway posted speed limits. Medium trucks include all vehicles with two axles and six tires, generally having a gross vehicle weight greater than 9,900 lbs. Heavy trucks include all vehicles having three or more axles, generally having a gross vehicle weight greater than 26,400 lbs. The traffic parameters used in the noise model for prediction of existing and future noise levels are presented in Appendix A.

3 Traffic Noise Analysis

3.1 Noise Receptor Locations

A receptor is a discrete or representative location, such as a residence, on any of the land use categories listed previously in Table 2-2 at which impacts are assessed.

In determining traffic noise impacts, primary consideration is given to exterior areas where frequent human use occurs, unless no exterior activities are likely based on field observation. Per MDT policy, residential noise receptors were placed midway between the residence and the property line closest to the roadway in cases where an obvious location of outdoor use could not be identified from aerial photography. All of the noise receptor locations within 500 feet from the centerline of the nearest roadway affected by the design changes were modeled, which is a sufficient distance to identify all potential impacts. The modeled receptor locations are shown on the Noise Receptor Location Maps in Appendix B.

3.2 Measured Noise Levels

Existing traffic noise levels were measured in the field and then compared against TNM predictions to verify the accuracy of the model. If the predicted and measured levels are within plus or minus 3 dB(A) of one another, this is an indication that the model is within the accepted level of accuracy.

3.2.1 Field Testing Procedure

On April 22, 2020, HDR staff measured representative sites throughout the project area. Traffic noise measurements were conducted in accordance with the FHWA-HEP-18-066 *Noise Measurement Field Guide* (June 2018). Traffic was counted manually, classified by vehicle type, and used as input in the validation of the TNM. Traffic counts are available on the Field Monitoring Logs in Appendix C.

3.2.2 Field Measurement Methods and Instrumentation

Noise monitoring was conducted using a Larson Davis 824 Sound Level Meter (SLM), serial number 0764, with calibrations traceable to the National Institute of Standards and Technology (NIST). The microphone was set at a height of approximately 5 feet for all measurements and covered with a windscreen. Table 3-1 summarizes the measurement locations, which are shown on Figure 3-1.

Weather conditions included clear days where the temperature ranged from approximately 62 to 68 degrees Fahrenheit during the measurements, with 0-10 mile per hour wind speeds for all measurements. The SLM was programmed to compute the A- weighted equivalent sound level (LAeq), expressed in dB(A), which closely approximates the range of frequencies a human ear can hear. The duration of the Leq measurements included two to three repetitions of 15 minutes. The SLM was calibrated before and after monitoring. No significant calibration drifts were detected during the study.

3.2.3 Field Measurements and Model Validation

The measured and modeled noise levels for the monitoring sites selected along the project corridor are presented in Table 3-2 and shown in Figure 3-1. Three measurement periods at each of the monitoring sites were entered into the model for validation. For each site, the set of modeled and measured data was found to be within the acceptable plus or minus 3 dB(A) tolerance, which satisfies the MDT requirement for validating noise measurements.



Table 3-1. Noise Monitoring Results Summary

Measurement No.	Location	Date	Start Time	Duration (Min.)	Measured Leq (dB(A))
A-1	≈ Rosebud Lane	22-April-2020	10:24	15	65.5
A-2			10:43	15	65.0
A-3			11:02	15	64.8
B-1	≈ near the end of Baxter Lane	22-April-2020	11:29	15	66.2
B-2			11:48	15	66.2
B-3			12:06	15	64.7
C-1	≈ along Frontage Road, west of Brickyard Lane	22-April-2020	16:26	15	64.6
C-2			16:45	15	66.6
C-3			17:02	15	66.5
D-1	≈ end of Reynolds Street	22-April-2020	12:30	15	68.7
D-2			12:47	15	68.5
D-3			13:13	15	69.3
E-1	≈ Lockwood Complex Ballpark	22-April-2020	13:55	15	63.8
E-2			14:16	15	64.3
E-3			14:39	15	64.9



Figure 3-1. Noise Monitoring Locations



Table 3-2. Model Validation Results

Measurement Location	Measurement No.	LAeq1h (dB(A))		
		Measured	Predicted	Difference
A	A-1	65.5	66.9	+1.4
	A-2	65.0	67.0	+2.0
	A-3	64.8	67.3	+2.5
	<i>Average</i>	65.1	67.1	+2.0
B	B-1	66.2	66.8	+0.6
	B-2	66.2	67.1	+0.9
	B-3	64.7	66.1	+1.4
	<i>Average</i>	65.7	66.7	+1.0
C	C-1	64.6	67.3	+2.7
	C-2	66.6	67.6	+1.0
	C-3	66.5	68.0	+1.5
	<i>Average</i>	65.9	67.6	+1.7
D	D-1	68.7	66.3	-2.4
	D-2	68.5	66.4	-2.1
	D-3	69.3	67.2	-2.1
	<i>Average</i>	68.8	66.6	-2.2
E	E-1	63.8	64.6	+0.8
	E-2	64.3	65.1	+0.8
	E-3	64.9	65.2	+0.3
	<i>Average</i>	64.3	65.0	+0.6

3.3 Predicted Noise Levels

Fifty-five (55) Category B receptors and two (2) Category C receptors approach or exceed the NAC in the Existing year (2020). Ninety-seven (97) Category B receptors and two (2) Category C receptors approach or exceed the NAC for the design year (2044) Build Alternative. There are ninety-nine (99) total impacts for the design year (2044) Build Alternative.

The modeled noise levels are presented in Table 3-3. The 2044 design year predicted receptors impacted under the proposed project are shown in Appendix B.

The predicted noise levels vary from existing to future by 0.7 to 6.1 dB(A). The Existing year (2020) noise levels range from 50.7 to 72.4 dB(A), and the predicted future year (2044) noise levels range from 54.0 to 76.4 dB(A).

Table 3-3. Noise Analysis Results

Receptor	FHWA Activity Category	Noise Abatement Criteria Leq(h) (dB(A))	Dwelling Units	Leq (dB(A))			Impact?
				2020 Existing Noise Level	2044 Build Alternative	Increase Over Existing	
1	B	66	1	63.5	68.6	5.1	Yes
2	B	66	1	61.1	66.1	5.0	Yes
3	B	66	1	63.6	68.7	5.1	Yes
4	B	66	1	58.2	61.3	3.1	No
5	B	66	1	57.5	60.7	3.2	No
6	B	66	1	60.1	63.8	3.7	No
7	B	66	1	61.2	64.4	3.2	No
8	B	66	1	58.0	60.5	2.5	No
9	B	66	1	58.7	61.0	2.3	No
10	B	66	1	57.7	60.1	2.4	No
11	B	66	1	53.1	56.1	3.0	No
12	B	66	1	53.0	56.2	3.2	No
13	B	66	1	52.5	55.9	3.4	No
14	B	66	1	54.0	57.2	3.2	No
15	B	66	1	54.1	57.3	3.2	No
16	B	66	1	53.0	56.3	3.3	No
17	B	66	1	53.2	56.6	3.4	No
18	B	66	1	53.0	56.3	3.3	No
19	B	66	1	52.5	55.9	3.4	No
20	B	66	1	52.2	55.7	3.5	No
21	B	66	1	51.9	55.3	3.4	No
22	B	66	1	55.3	58.3	3.0	No
23	C	66	1	55.6	59.0	3.4	No
24	C	66	1	54.0	57.4	3.4	No
25	B	66	1	52.4	55.8	3.4	No
26	B	66	1	51.9	55.3	3.4	No
27	B	66	1	51.6	55.0	3.4	No
28	B	66	1	51.1	54.5	3.4	No
29	B	66	1	50.6	54.0	3.4	No
30	B	66	1	52.0	55.4	3.4	No
31	B	66	1	69.9	74.8	4.9	Yes
32	B	66	1	68.6	73.6	5.0	Yes
33	B	66	1	67.2	72.1	4.9	Yes
34	B	66	1	65.8	70.8	5.0	Yes



Receptor	FHWA Activity Category	Noise Abatement Criteria Leq(h) (dB(A))	Dwelling Units	Leq (dB(A))			Impact?
				2020 Existing Noise Level	2044 Build Alternative	Increase Over Existing	
35	B	66	1	65.2	69.9	4.7	Yes
36	B	66	1	64.1	68.5	4.4	Yes
37	B	66	1	63.2	67.5	4.3	Yes
38	B	66	1	62.6	66.9	4.3	Yes
39	B	66	1	61.8	65.9	4.1	No
40	B	66	1	60.6	64.7	4.1	No
41	B	66	1	60.5	64.7	4.2	No
42	B	66	1	60.4	64.5	4.1	No
43	B	66	1	60.3	64.3	4.0	No
44	B	66	1	60.2	63.8	3.6	No
45	B	66	1	60.6	64.1	3.5	No
46	B	66	1	60.9	64.3	3.4	No
47	B	66	1	61.1	64.5	3.4	No
48	B	66	1	61.4	64.8	3.4	No
49	B	66	1	60.9	64.8	3.9	No
50	B	66	1	60.8	64.6	3.8	No
51	B	66	1	68.2	73.7	5.5	Yes
52	B	66	1	66.8	72.0	5.2	Yes
53	B	66	1	65.7	70.7	5.0	Yes
54	B	66	1	64.9	69.7	4.8	Yes
55	B	66	1	63.9	68.5	4.6	Yes
56	B	66	1	63.2	67.4	4.2	Yes
57	B	66	1	62.3	66.5	4.2	Yes
58	B	66	1	66.6	72.3	5.7	Yes
59	B	66	1	65.5	70.8	5.3	Yes
60	B	66	1	64.8	69.7	4.9	Yes
61	B	66	1	64.0	68.7	4.7	Yes
62	B	66	1	63.5	68.0	4.5	Yes
63	B	66	1	62.9	67.3	4.4	Yes
64	B	66	1	62.4	66.6	4.2	Yes
65	B	66	1	61.9	66.0	4.1	Yes
66	B	66	1	61.6	65.7	4.1	No
67	B	66	1	61.3	65.4	4.1	No
68	B	66	1	70.1	76.2	6.1	Yes
69	B	66	1	68.0	74.1	6.1	Yes
70	B	66	1	67.6	73.5	5.9	Yes
71	B	66	1	64.7	69.5	4.8	Yes
72	B	66	1	64.1	68.6	4.5	Yes
73	B	66	1	62.1	66.2	4.1	Yes

Receptor	FHWA Activity Category	Noise Abatement Criteria Leq(h) (dB(A))	Dwelling Units	Leq (dB(A))			Impact?
				2020 Existing Noise Level	2044 Build Alternative	Increase Over Existing	
74	B	66	1	61.7	65.4	3.7	No
75	B	66	1	66.6	71.6	5.0	Yes
76	B	66	1	64.8	69.4	4.6	Yes
77	B	66	1	62.5	65.9	3.4	No
78	B	66	1	64.3	68.0	3.7	Yes
79	B	66	1	68.4	72.8	4.4	Yes
80	B	66	1	65.2	68.4	3.2	Yes
81	B	66	1	65.9	69.5	3.6	Yes
82	B	66	1	64.6	67.7	3.1	Yes
83	B	66	1	65.3	68.5	3.2	Yes
84	B	66	1	65.7	68.9	3.2	Yes
85	B	66	1	66.1	69.4	3.3	Yes
86	B	66	1	66.4	69.6	3.2	Yes
87	B	66	1	66.9	70.3	3.4	Yes
88	B	66	1	67.4	70.7	3.3	Yes
89	B	66	1	71.7	76.0	4.3	Yes
90	B	66	1	72.3	76.4	4.1	Yes
91	B	66	1	68.6	71.8	3.2	Yes
92	B	66	1	71.2	74.8	3.6	Yes
93	B	66	1	72.4	75.6	3.2	Yes
94	B	66	1	72.2	73.6	1.4	Yes
95	B	66	1	65.7	68.0	2.3	Yes
96	B	66	1	67.4	69.4	2.0	Yes
97	B	66	1	68.0	69.9	1.9	Yes
98	B	66	1	70.2	71.9	1.7	Yes
99	B	66	1	65.7	67.7	2.0	Yes
100	B	66	1	64.6	66.6	2.0	Yes
101	B	66	1	68.8	71.9	3.1	Yes
102	B	66	1	68.7	72.3	3.6	Yes
103	B	66	1	68.1	71.5	3.4	Yes
104	B	66	1	66.7	70.1	3.4	Yes
105	B	66	1	68.0	71.5	3.5	Yes
106	B	66	1	66.8	70.3	3.5	Yes
107	B	66	1	70.6	72.4	1.8	Yes
108	B	66	1	66.4	69.2	2.8	Yes
109	B	66	1	71.6	72.3	0.7	Yes
110	B	66	1	68.7	69.7	1.0	Yes
111	B	66	1	64.1	65.5	1.4	No
112	B	66	1	65.7	67.4	1.7	Yes



Receptor	FHWA Activity Category	Noise Abatement Criteria Leq(h) (dB(A))	Dwelling Units	Leq (dB(A))			Impact?
				2020 Existing Noise Level	2044 Build Alternative	Increase Over Existing	
113	B	66	1	64.6	66.2	1.6	Yes
114	B	66	1	70.6	72.2	1.6	Yes
115	B	66	1	70.8	72.3	1.5	Yes
116	B	66	1	63.3	65.0	1.7	No
117	B	66	1	68.5	70.9	2.4	Yes
118	B	66	1	66.0	67.6	1.6	Yes
119	B	66	1	72.1	74.9	2.8	Yes
120	B	66	1	68.0	70.3	2.3	Yes
121	B	66	1	65.9	68.1	2.2	Yes
122	B	66	1	67.8	70.4	2.6	Yes
123	B	66	1	66.1	68.8	2.7	Yes
124	B	66	1	66.4	69.1	2.7	Yes
125	B	66	1	67.9	70.3	2.4	Yes
126	B	66	1	65.5	68.2	2.7	Yes
127	B	66	1	67.9	70.5	2.6	Yes
128	B	66	1	68.4	70.9	2.5	Yes
129	B	66	1	69.6	72.1	2.5	Yes
130	C	66	1	68.6	70.9	2.3	Yes
131	C	66	1	70.0	72.6	2.6	Yes
132	C	66	1	61.1	64.2	3.1	No
133	B	66	1	65.3	68.5	3.2	Yes
134	B	66	1	64.1	67.3	3.2	Yes
135	B	66	1	68.0	70.8	2.8	Yes
136	B	66	1	61.7	64.9	3.2	No
137	B	66	1	69.4	72.3	2.9	Yes
138	B	66	1	68.9	71.6	2.7	Yes
139	B	66	1	63.0	66.2	3.2	Yes
140	B	66	1	68.4	71.0	2.6	Yes
141	B	66	1	69.3	71.9	2.6	Yes
142	B	66	1	68.4	71.0	2.6	Yes
143	B	66	1	63.8	66.8	3.0	Yes
144	B	66	1	67.7	70.4	2.7	Yes
145	B	66	1	66.5	69.2	2.7	Yes
146	B	66	1	65.9	68.7	2.8	Yes

3.4 Noise Impact Analysis

Noise abatement measures are considered when predicted traffic noise levels approach or exceed the NAC, or when the predicted traffic noise levels substantially exceed (increase by 13 dB(A) or more) the existing noise levels. As shown in Table 3-4, a total of 99 noise impacts are predicted for the Build

Alternative. Investigation of noise abatement measures is not within the present scope of the Noise Analysis.

Table 3-4. Noise Impact Analysis Summary

Alternative	# of Impacts
2020 Existing Conditions	57
2044 Build Alternative	99

4 Conclusions

The Project is predicted to increase traffic noise levels relative to existing conditions. The 2044 design year alternative noise level is on average 3.4 dB(A) greater than the noise level predicted for the existing year (2020) alternative, with a maximum 6.1 dB(A) increase in noise level. Ninety-nine (99) noise receptor locations are predicted to experience noise impacts due to noise levels approaching or exceeding the FHWA NAC during the design year (2044) Build Alternative. A noise abatement analysis for the impacted receivers has not been conducted at this time.

5 Construction Noise and Vibration

Adjoining properties in the study area could be exposed to noise from construction activities from the Project. Construction noise differs from traffic noise in several ways:

- Construction noise lasts only for the duration of the construction event, with most construction activities in noise-sensitive areas being conducted during hours that are least disturbing to adjacent and nearby residents.
- Construction activities generally are short term and, depending on the nature of the construction operations, could last from seconds (e.g., a truck passing a receptor) to months (e.g., constructing a bridge).
- Construction noise is intermittent and depends on the type of operation, location, and function of the equipment, and the equipment usage cycle.

Construction noise is not assessed like operational traffic noise; there are no MDT/FHWA NACs for construction noise. Construction noise would be subject to relevant local noise regulations and ordinances. MDT Standard Specifications require compliance with applicable laws, regulations, and requirements contained in the contract regarding noise pollution.

To address the temporary elevated noise levels that may be experienced during construction, standard abatement measures could be incorporated into construction contracts, where it is feasible to do so.

Typical road construction actions could include:

- Place stationary noise sources away from receptors.
- Use portable noise barriers or natural terrain to provide shielding.
- Turn off idling equipment.
- Drive equipment forward instead of backward; lift instead of drag materials; and avoid scraping or banging activities.
- Avoid operating equipment in such a manner that may annoy, disturb, and endanger the comfort, repose, health, peace, or safety of any reasonable person of normal sensitivity.



- Use quieter equipment with properly sized and maintained mufflers, engine intake silencers, less obtrusive backup alarms, engine enclosures, noise blankets, or rubber linings.
- Confine work that does not have to be done at night to daylight hours. When work must be done at night, complete the noisiest work as early as possible and provide hotel vouchers.

6 Public Coordination

An increase in traffic noise can significantly affect the value and usefulness of property near roadways. In March 2008, MDT published *Growing Neighborhoods in Growing Corridors: Land Use Planning for Traffic Noise*, to provide technical assistance to local authorities that wish to consider noise as an integral part of land use planning decisions (MDT 2008). The document recommends that traffic noise levels of Leq(h) 60 dB(A) be used to determine the location of indoor and outdoor noise sensitive areas including the location of residential building façades closest to the roadway, and to avoid traffic noise problems in the future. For comparison, 60 dB(A) represents the typical exterior background noise levels of a large urban area and the background noise levels inside large busy offices. If the 60 dB(A) criteria can be met by the Project, then the need for traffic noise control measures, such as barrier walls, earthen berms, etc., can be avoided.

To avoid traffic noise impacts for future development, the minimum setback distances from the proposed outer lane centerline to where the 2044 Build Alternative 60 dB(A) and other noise levels of note are expected to occur were determined and are listed in Table 6-1.

Table 6-1. Noise Contours

Roadway Segment	Activity Category	Noise Level Leq(h) dB(A)	Approximate Distance (ft) from outer lane centerline to NAC under 2044 Build Alternative
I-90 (Lockwood Interchange to Johnson Lane interchange)	A	56	≈ 1,040
I-90 (Lockwood Interchange to Johnson Lane interchange)	--	60	≈ 690
I-90 (Lockwood Interchange to Johnson Lane interchange)	--	64	≈ 430
I-90 (Lockwood Interchange to Johnson Lane interchange)	B & C	66	≈ 325
I-90 (Lockwood Interchange to Johnson Lane interchange)	E	71	≈ 185

In addition to the setback distances to the NAC listed in Table 6-1, 23 CFR 772.17 requires that information about the non-eligibility for federal-aid funds for Type II projects for noise abatement also be forwarded to local planning officials.

7 References

- 1) MDT (Montana Department of Transportation). 2008. Growing Neighborhoods in Growing Corridors: Land Use Planning for Highway Noise. March 2008.
- 2) MDT. 2017. Traffic Noise Analysis and Abatement Policy. Date of Issuance April 27, 2011, Effective Date January 1, 2017.
- 3) FHWA (Federal Highway Administration). 2018. Noise Measurement Field Guide. FHWA Report Number FHWA-HEP-18-066. June 2018.
- 4) FHWA. 1998. FHWA Traffic Noise Model: User's Guide. FHWA Report Number FHWA-PD-96-009. January 1998.
- 5) FHWA. 2004. FHWA Traffic Noise Model: User's Guide (Version 2.5 Addendum). April 2004.
- 6) U.S. National Archives and Records Administration, Office of the Federal Register. Title 23, Code of Federal Regulations, Part 772. Procedures for Abatement of Highway Traffic Noise and Construction Noise.



Appendix A. Traffic Data

2020 EXISTING ALTERNATIVE								
ROADWAY	MPH	DHV	Vehicle Mix					
			Autos	MT	HT	Buses	MC	
			84.5%	3.5%	11.5%	0.5%	0%	
NE I90 (W of US87 OffR)out	65	735	621	26	84	4	0	
NE I90 (W of US87 OffR)in	65	735	621	26	84	4	0	
			Vehicle Mix					
			Autos	MT	HT	Buses	MC	
			83.0%	3.9%	12.7%	0.4%	0%	
NE I90 (btn US87 ramps)out	65	616	511	24	78	2	0	
NE I90 (btn US87 ramps)in	65	616	511	24	78	2	0	
NE I90 (US87OnR to JohnsonOffR)out	65	616	511	24	78	2	0	
NE I90 (US87OnR to JohnsonOffR)in	65	616	511	24	78	2	0	
NE I90 (btn JohnsonLn ramps)out	65	616	511	24	78	2	0	
NE I90 (btn JohnsonLn ramps)in	65	616	511	24	78	2	0	
SW I90 (E of Johnson OffR)out	65	616	511	24	78	2	0	
SW I90 (E of Johnson OffR)in	65	616	511	24	78	2	0	
SW I90 (btn Johnson ramps)out	65	616	511	24	78	2	0	
SW I90 (btn Johnson ramps)in	65	616	511	24	78	2	0	
SW I90 (JohnsonOnR to US87OffR)out	65	616	511	24	78	2	0	
SW I90 (JohnsonOnR to US87OffR)in	65	616	511	24	78	2	0	
SW I90 (btn US87 ramps)out	65	616	511	24	78	2	0	
SW I90 (btn US87 ramps)in	65	616	511	24	78	2	0	
			Vehicle Mix					
			Autos	MT	HT	Buses	MC	
			84.5%	3.5%	11.5%	0.5%	0%	
SW I90 (W of US87 OnR)out	65	735	621	26	84	4	0	
SW I90 (W of US87 OnR)in	65	735	621	26	84	4	0	
			Vehicle Mix					
			Autos	MT	HT	Buses	MC	
			92.5%	1.3%	5.7%	0.5%	0%	
OffRamp from NE I90 to US87	45	660	611	9	38	3	0	
OffRamp from NE I90 to US87 LT	45	330	305	4	19	2	0	
OffRamp from NE I90 to US87 RT	45	330	305	4	19	2	0	
			Vehicle Mix					
			Autos	MT	HT	Buses	MC	
			88.7%	1.4%	9.5%	0.4%	0%	
OnRamp from US87 to SW I90	45	616	546	9	58	2	0	
			Vehicle Mix					
			Autos	MT	HT	Buses	MC	
			92.0%	1.4%	6.3%	0.3%	0%	
OnRamp from US87 to NE I90	45	364	335	5	23	1	0	



2020 EXISTING ALTERNATIVE							
			Vehicle Mix				
			Autos	MT	HT	Buses	MC
			92.0%	1.4%	6.4%	0.2%	0%
OffRamp from SW I90 to US87	45	363	334	5	23	1	0
OffRamp from NE I90 to Johnson	--	--	--	--	--	--	--
OffRamp from NE I90 to Johnson LT	--	--	--	--	--	--	--
OffRamp from NE I90 to Johnson RT	--	--	--	--	--	--	--
OnRamp from Johnson to NE I90	--	--	--	--	--	--	--
OffRamp from SW I90 to Johnson	--	--	--	--	--	--	--
OffRamp from SW I90 to Johnson LT	--	--	--	--	--	--	--
OffRamp from SW I90 to Johnson RT	--	--	--	--	--	--	--
OnRamp from Johnson to SW I90	--	--	--	--	--	--	--
			Vehicle Mix				
			Autos	MT	HT	Buses	MC
			96.8%	2.7%	0.3%	0.2%	0%
EB US87 (W of Frontage)out	45	571	553	15	2	1	0
EB US87 (W of Frontage)in	45	571	553	15	2	1	0
WB US87 (W of Frontage)out	45	571	553	15	2	1	0
WB US87 (W of Frontage)in	45	571	553	15	2	1	0
			Vehicle Mix				
			Autos	MT	HT	Buses	MC
			93.7%	2.9%	3.2%	0.2%	0%
EB US87 (Frontage to Ramps)out	45	506	474	15	16	1	0
EB US87 (Frontage to Ramps)in	45	506	474	15	16	1	0
WB US87 (Frontage to Ramps)out	45	506	474	15	16	1	0
WB US87 (Frontage to Ramps)in	45	506	474	15	16	1	0
			Vehicle Mix				
			Autos	MT	HT	Buses	MC
			93.9%	2.7%	3.1%	0.3%	0%
EB US87 (btn Ramps)out	45	365	343	10	11	1	0
EB US87 (btn Ramps)in	45	365	343	10	11	1	0
WB US87 (btn Ramps)out	45	365	343	10	11	1	0
WB US87 (btn Ramps)in	45	365	343	10	11	1	0
			Vehicle Mix				
			Autos	MT	HT	Buses	MC
			95.2%	2.0%	2.2%	0.6%	0%
EB US87 (Ramps to Coburn)out	45	324	309	6	7	2	0
EB US87 (Ramps to Coburn)in	45	324	309	6	7	2	0
EB US87 (east of Coburn)out	45	324	309	6	7	2	0
EB US87 (east of Coburn)in	45	324	309	6	7	2	0
EB US87 (east of Coburn)	45	649	617	13	14	4	0

2020 EXISTING ALTERNATIVE								
WB US87 (east of Coburn)	45	649	617	13	14	4	0	
WB US87 (east of Coburn)out	45	324	309	6	7	2	0	
WB US87 (east of Coburn)in	45	324	309	6	7	2	0	
WB US87 (Coburn to Ramps)out	45	324	309	6	7	2	0	
WB US87 (Coburn to Ramps)in	45	324	309	6	7	2	0	
				<i>Vehicle Mix</i>				
				Autos	MT	HT	Buses	MC
				89.8%	4.7%	5.3%	0.2%	0%
NB Lockwood (N of US87)	55	384	344	18	20	1	0	
SB Lockwood (N of US87)	55	384	344	18	20	1	0	
WB FrontageRd (E of Lockwood)	55	384	344	18	20	1	0	
EB FrontageRd (E of Lockwood)	55	384	344	18	20	1	0	
				<i>Vehicle Mix</i>				
				Autos	MT	HT	Buses	MC
				94.0%	2.7%	3.1%	0.2%	0%
SB Coburn	55	140	132	4	4	0	0	
NB Coburn	55	140	132	4	4	0	0	
EB Rosebud Lane	--	--	--	--	--	--	--	
WB Rosebud Lane	--	--	--	--	--	--	--	
EB HardinRd (E of JohnsonLn)	--	--	--	--	--	--	--	
WB HardinRd (E of JohnsonLn)	--	--	--	--	--	--	--	
WB FrontageRd (E of JohnsonLn)	--	--	--	--	--	--	--	
EB FrontageRd (E of JohnsonLn)	--	--	--	--	--	--	--	
SB JohnsonLn (N of Frontage)	--	--	--	--	--	--	--	
NB JohnsonLn (N of Frontage)	--	--	--	--	--	--	--	
SB JohnsonLn (Frontage to Ramps)	--	--	--	--	--	--	--	
NB JohnsonLn (Frontage to Ramps)	--	--	--	--	--	--	--	
SB JohnsonLn (btn Ramps)	--	--	--	--	--	--	--	
NB JohnsonLn (btn Ramps)	--	--	--	--	--	--	--	
SB JohnsonLn (Ramps to Hardin)	--	--	--	--	--	--	--	
NB JohnsonLn (Ramps to Hardin)	--	--	--	--	--	--	--	
SB JohnsonLn (S of Hardin)	--	--	--	--	--	--	--	
NB JohnsonLn (S of Hardin)	--	--	--	--	--	--	--	
Shoulder1	--	--	--	--	--	--	--	
Shoulder2	--	--	--	--	--	--	--	
Shoulder3	--	--	--	--	--	--	--	
Shoulder4	--	--	--	--	--	--	--	
Shoulder5	--	--	--	--	--	--	--	
Shoulder6	--	--	--	--	--	--	--	
Shoulder7	--	--	--	--	--	--	--	
Shoulder8	--	--	--	--	--	--	--	



2020 EXISTING ALTERNATIVE							
Shoulder9	--	--	--	--	--	--	--
Shoulder10	--	--	--	--	--	--	--
Shoulder11	--	--	--	--	--	--	--
Shoulder12	--	--	--	--	--	--	--
Shoulder13	--	--	--	--	--	--	--

2044 BUILD ALTERNATIVE								
ROADWAY	MPH	DHV	Vehicle Mix					
			Autos 84.5%	MT 3.5%	HT 11.5%	Buses 0.5%	MC 0%	
NE I90 (W of US87 OffR)out	65	1210	1022	42	139	6	0	
NE I90 (W of US87 OffR)in	65	1210	1022	42	139	6	0	
			Vehicle Mix					
			Autos	MT	HT	Buses	MC	
			83.0%	3.9%	12.7%	0.4%	0%	
NE I90 (btn US87 ramps)out	65	2030	1685	79	258	8	0	
NE I90 (btn US87 ramps)in	65	2030	1685	79	258	8	0	
NE I90 (btn JohnsonLn ramps)out	65	2030	1685	79	258	8	0	
NE I90 (btn JohnsonLn ramps)in	65	2030	1685	79	258	8	0	
SW I90 (E of Johnson OffR)out	65	2030	1685	79	258	8	0	
SW I90 (E of Johnson OffR)in	65	2030	1685	79	258	8	0	
SW I90 (btn Johnson ramps)out	65	2030	1685	79	258	8	0	
SW I90 (btn Johnson ramps)in	65	2030	1685	79	258	8	0	
SW I90 (btn US87 ramps)out	65	2030	1685	79	258	8	0	
SW I90 (btn US87 ramps)in	65	2030	1685	79	258	8	0	
			Vehicle Mix					
			Autos	MT	HT	Buses	MC	
			84.5%	3.5%	11.5%	0.5%	0%	
SW I90 (W of US87 OnR)out	65	1210	1022	42	139	6	0	
SW I90 (W of US87 OnR)in	65	1210	1022	42	139	6	0	
OffRamp from NE I90 to Johnson	--	--	--	--	--	--	--	--
OffRamp from NE I90 to Johnson LT	--	--	--	--	--	--	--	--
OffRamp from NE I90 to Johnson RT	--	--	--	--	--	--	--	--
OnRamp from Johnson to NE I90	--	--	--	--	--	--	--	--
OffRamp from SW I90 to Johnson	--	--	--	--	--	--	--	--
OffRamp from SW I90 to Johnson LT	--	--	--	--	--	--	--	--
OffRamp from SW I90 to Johnson RT	--	--	--	--	--	--	--	--
OnRamp from Johnson to SW I90	--	--	--	--	--	--	--	--
			Vehicle Mix					
			Autos	MT	HT	Buses	MC	
			89.8%	4.7%	5.3%	0.2%	0%	
NB Lockwood (N of US87)	55	485	436	23	26	1	0	
SB Lockwood (N of US87)	55	485	436	23	26	1	0	
WB FrontageRd (E of Lockwood)	55	485	436	23	26	1	0	
EB FrontageRd (E of Lockwood)	55	485	436	23	26	1	0	
			Vehicle Mix					
			Autos	MT	HT	Buses	MC	



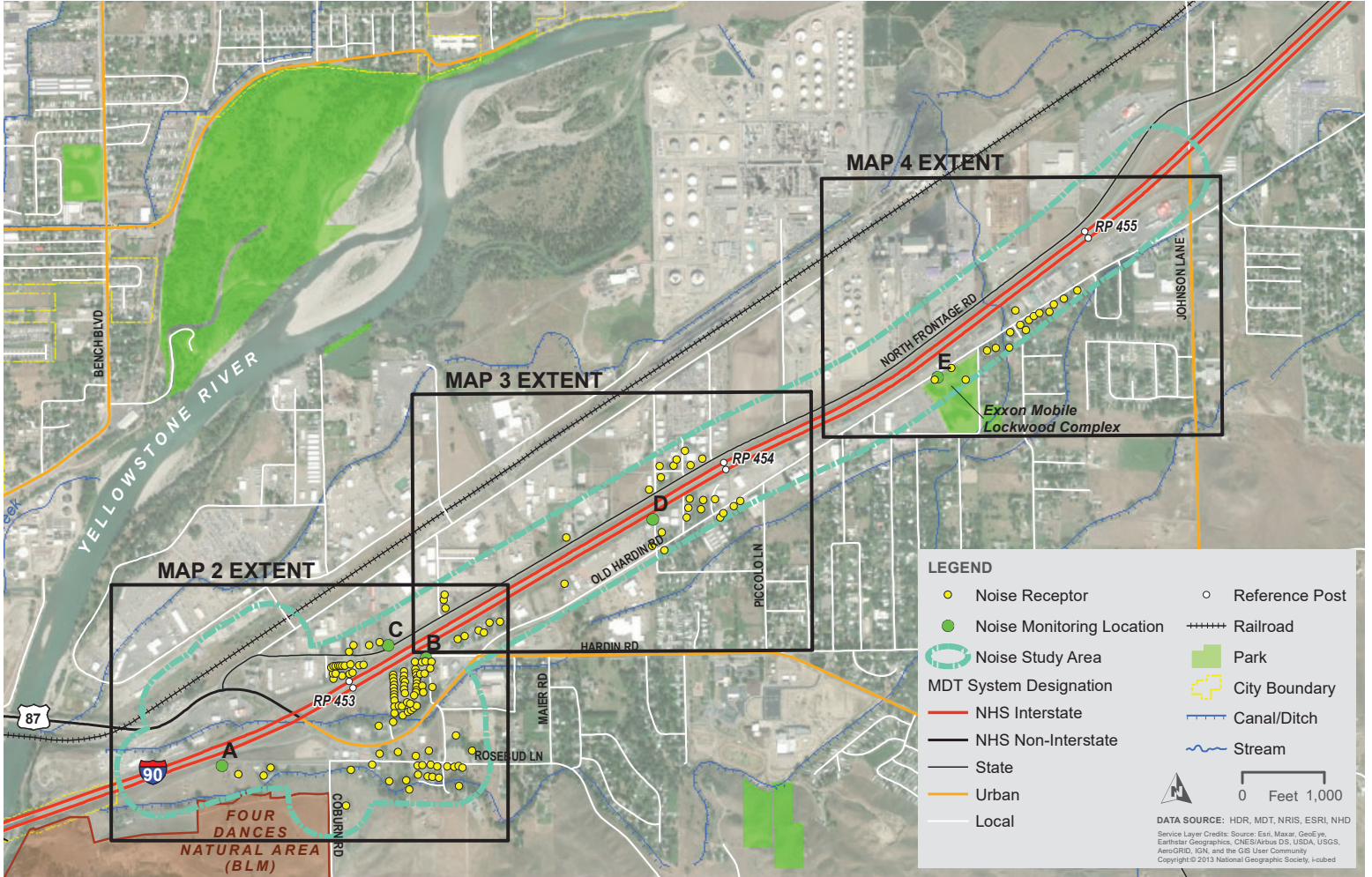
2044 BUILD ALTERNATIVE			94.0%	2.7%	3.1%	0.2%	0%
SB Coburn	55	200	188	5	6	0	0
NB Coburn	55	200	188	5	6	0	0
EB Rosebud Lane	--	--	--	--	--	--	--
WB Rosebud Lane	--	--	--	--	--	--	--
EB HardinRd (E of JohnsonLn)	--	--	--	--	--	--	--
WB HardinRd (E of JohnsonLn)	--	--	--	--	--	--	--
WB FrontageRd (E of JohnsonLn)	--	--	--	--	--	--	--
EB FrontageRd (E of JohnsonLn)	--	--	--	--	--	--	--
SB JohnsonLn (N of Frontage)	--	--	--	--	--	--	--
NB JohnsonLn (N of Frontage)	--	--	--	--	--	--	--
SB JohnsonLn (Frontage to Ramps)	--	--	--	--	--	--	--
NB JohnsonLn (Frontage to Ramps)	--	--	--	--	--	--	--
SB JohnsonLn (btn Ramps)	--	--	--	--	--	--	--
NB JohnsonLn (btn Ramps)	--	--	--	--	--	--	--
SB JohnsonLn (Ramps to Hardin)	--	--	--	--	--	--	--
NB JohnsonLn (Ramps to Hardin)	--	--	--	--	--	--	--
SB JohnsonLn (S of Hardin)	--	--	--	--	--	--	--
NB JohnsonLn (S of Hardin)	--	--	--	--	--	--	--
Shoulder1	--	--	--	--	--	--	--
Shoulder7	--	--	--	--	--	--	--
Shoulder8	--	--	--	--	--	--	--
Shoulder9	--	--	--	--	--	--	--
Shoulder10	--	--	--	--	--	--	--
Shoulder11	--	--	--	--	--	--	--
Shoulder13	--	--	--	--	--	--	--
			<i>Vehicle Mix</i>				
			Autos	MT	HT	Buses	MC
			83.0%	3.9%	12.7%	0.4%	0%
NE I90 (US87OnR to JohnsonOffR)out	65	677	562	26	86	3	0
NE I90 (US87OnR to JohnsonOffR)mid	65	677	562	26	86	3	0
NE I90 (US87OnR to JohnsonOffR)in	65	677	562	26	86	3	0
SW I90 (JohnsonOnR to US87OffR)out	65	677	562	26	86	3	0
SW I90 (JohnsonOnR to US87OffR)mid	65	677	562	26	86	3	0
SW I90 (JohnsonOnR to US87OffR)in	65	677	562	26	86	3	0
Shoulder3	--	--	--	--	--	--	--
Shoulder4	--	--	--	--	--	--	--
Shoulder5	--	--	--	--	--	--	--
Shoulder6	--	--	--	--	--	--	--
Shoulder12	--	--	--	--	--	--	--

2044 BUILD ALTERNATIVE							
			Vehicle Mix				
			Autos	MT	HT	Buses	MC
			92.5%	1.3%	5.7%	0.5%	0%
OffRamp from NE I90 to US87 out	45	545	504	7	31	3	0
OffRamp from NE I90 to US87 in	45	545	504	7	31	3	0
OffRamp from NE I90 to US87 out1	45	363	336	5	21	2	0
OffRamp from NE I90 to US87 mid1	45	363	336	5	21	2	0
OffRamp from NE I90 to US87 in1	45	363	336	5	21	2	0
			Vehicle Mix				
			Autos	MT	HT	Buses	MC
			88.7%	1.4%	9.5%	0.4%	0%
OnRamp from US87 to SW I90 out	45	505	448	7	48	2	0
OnRamp from US87 to SW I90 in	45	505	448	7	48	2	0
OnRamp from US87 to SW I90	45	1010	896	14	96	4	0
			Vehicle Mix				
			Autos	MT	HT	Buses	MC
			92.0%	1.4%	6.3%	0.3%	0%
OnRamp from US87 to NE I90 out	45	300	276	4	19	1	0
OnRamp from US87 to NE I90 in	45	300	276	4	19	1	0
OnRamp from US87 to NE I90	45	600	552	8	38	2	0
			Vehicle Mix				
			Autos	MT	HT	Buses	MC
			92.0%	1.4%	6.4%	0.2%	0%
OffRamp from SW I90 to US87	45	600	552	8	38	1	0
OffRamp from SW I90 to US87 out	45	200	184	3	13	0	0
OffRamp from SW I90 to US87 mid	45	200	184	3	13	0	0
OffRamp from SW I90 to US87 in	45	200	184	3	13	0	0
			Vehicle Mix				
			Autos	MT	HT	Buses	MC
			96.8%	2.7%	0.3%	0.2%	0%
EB US87 (W of Frontage)out	45	725	702	20	2	1	0
EB US87 (W of Frontage)in	45	725	702	20	2	1	0
WB US87 (W of Frontage)out	45	725	702	20	2	1	0
WB US87 (W of Frontage)in	45	725	702	20	2	1	0
			Vehicle Mix				
			Autos	MT	HT	Buses	MC
			93.7%	2.9%	3.2%	0.2%	0%
EB US87 (Frontage to Ramps)out	45	673	630	20	22	1	0
EB US87 (Frontage to Ramps)in	45	673	630	20	22	1	0
WB US87 (Frontage to Ramps)out	45	673	630	20	22	1	0



2044 BUILD ALTERNATIVE							
WB US87 (Frontage to Ramps)in	45	673	630	20	22	1	0
			<i>Vehicle Mix</i>				
			Autos	MT	HT	Buses	MC
			93.9%	2.7%	3.1%	0.3%	0%
EB US87 (btn Ramps)out	45	560	526	15	17	2	0
EB US87 (btn Ramps)in	45	560	526	15	17	2	0
WB US87 (btn Ramps)out	45	560	526	15	17	2	0
WB US87 (btn Ramps)in	45	560	526	15	17	2	0
			<i>Vehicle Mix</i>				
			Autos	MT	HT	Buses	MC
			95.2%	2.0%	2.2%	0.6%	0%
EB US87 (east of Coburn)out	45	553	526	11	12	3	0
EB US87 (east of Coburn)in	45	553	526	11	12	3	0
EB US87 (east of Coburn)	45	1105	1052	22	24	7	0
WB US87 (east of Coburn)	45	1105	1052	22	24	7	0
WB US87 (east of Coburn)out	45	553	526	11	12	3	0
WB US87 (east of Coburn)in	45	553	526	11	12	3	0

Appendix B. Receptor Location Figures



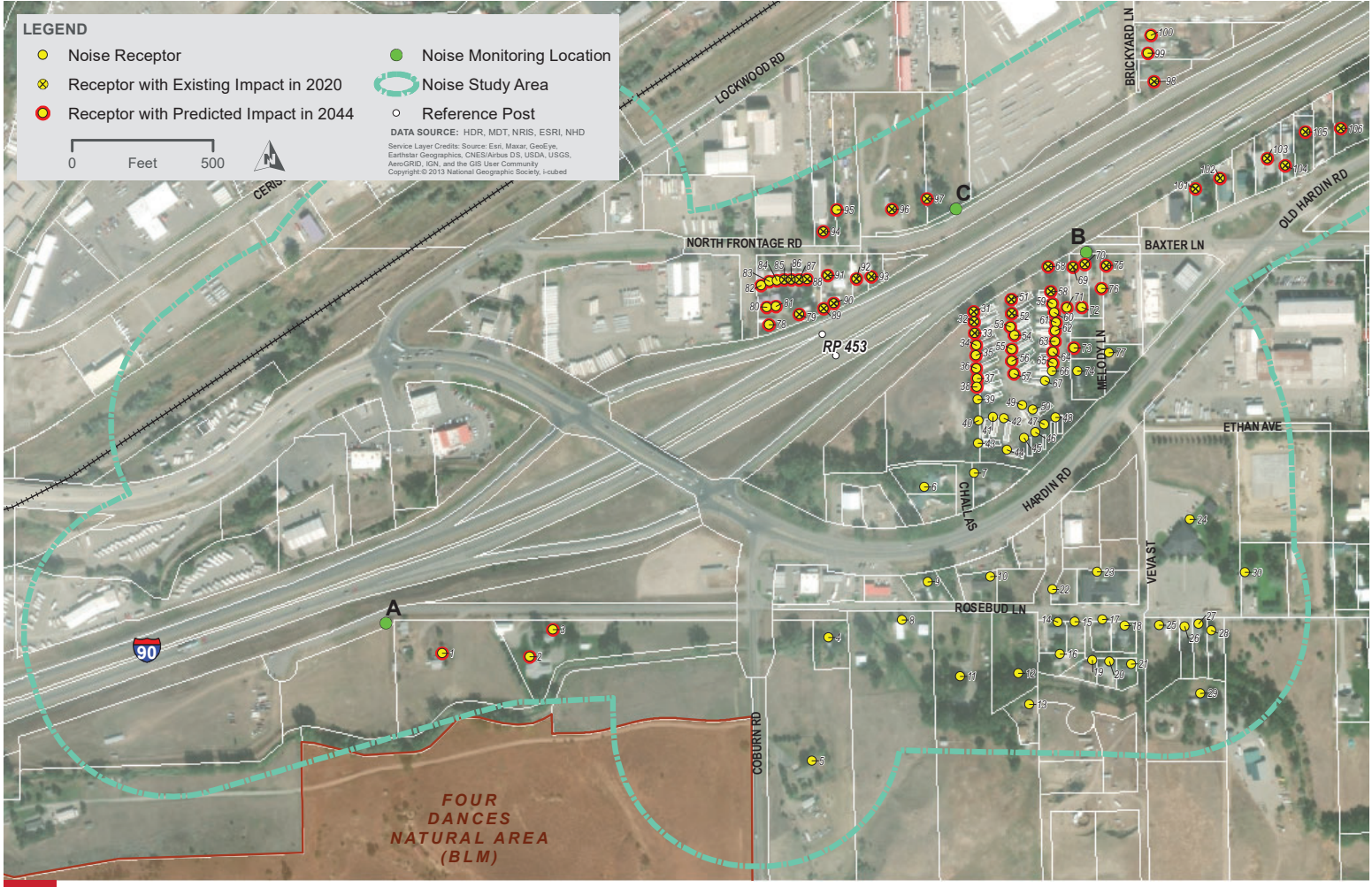
VISION ZERO
 zero deaths - zero serious injuries
 MONTANA DEPARTMENT
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NOISE STUDY AREA OVERVIEW MAP | MAP 1 OF 4

NOISE ANALYSIS REPORT



LEGEND

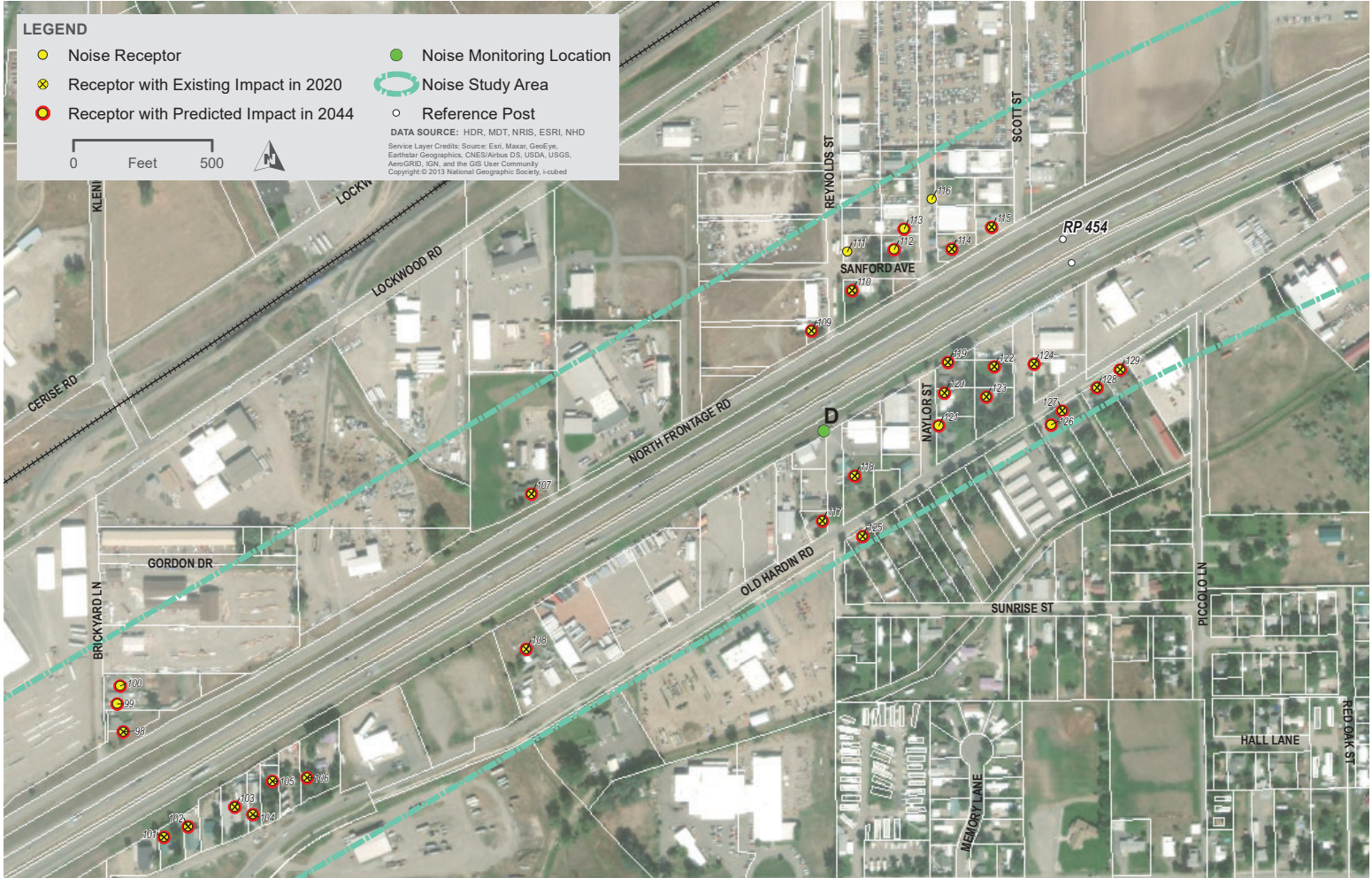
- Noise Receptor
- ⊗ Receptor with Existing Impact in 2020
- ⊗ Receptor with Predicted Impact in 2044
- Noise Monitoring Location
- Noise Study Area
- Reference Post

DATA SOURCE: HDR, MDT, NRIS, ESRI, NHD
 Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
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0 Feet 500



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 NOISE ANALYSIS RESULTS | MAP 2 OF 4



LEGEND

- Noise Receptor
- ⊗ Receptor with Existing Impact in 2020
- Receptor with Predicted Impact in 2044
- Noise Monitoring Location
- ⊗ Noise Study Area
- Reference Post

0 Feet 500

DATA SOURCE: HDR, MDT, NRIS, ESRI, NHD
 Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
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 NOISE ANALYSIS RESULTS | MAP 3 OF 4

LEGEND

- Noise Receptor
- Noise Monitoring Location
- ⊗ Receptor with Existing Impact in 2020
- Noise Study Area
- ⊗ Receptor with Predicted Impact in 2024
- Reference Post

DATA SOURCE: HDR, MDT, NRIS, ESRI, NHD
 Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
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NOISE ANALYSIS RESULTS | MAP 4 OF 4

Appendix C. Field Monitoring Logs

TRAFFIC NOISE MONITORING LOG SHEET

Project Description: Lockwood Data File: MLA-1

Job Number: _____ Noise Source: Autos on I-90

Date: 4.22.20 By: D. Schick

Equipment	Type	Serial #
Sound Level Meter	Larson Davis 824	824A0764
Microphone	Larson Davis 2541	4185
Calibrator	Larson Davis CAL200	3755

SLM SETTINGS (circle one) FAST **SLOW**

WEIGHTING (circle one) **A** Lin.

Location Description: Rosebud Lane (see map) ^{Lat/Long} 45.79481, -108.46101

Location Diagram:

Start Time: _____ Stop Time: _____ Duration: _____
10:24 AM PM 10:39 AM PM 15 min

Wind Speed: 8 mph Wind Direction: WNW

Temperature: 62°

Calibration results before: 112.6 dBA and after 112.8 dBA

Leq 65.5 dBA Lmin 49.5 dBA Lmax 81.0 dBA

25 70.4
 10 68.5
 33 64.3
 50 62.6

	Autos	Medium Trucks	Heavy Trucks	Buses	Motorcycles
WB ←	<u>147</u>	<u>4</u>	<u>16</u>	—	—
EB →	<u>120</u>	<u>8</u>	<u>29</u>	—	—

Traffic counts need to be directional

TRAFFIC NOISE MONITORING LOG SHEET

Project Description: Lockwood Data File: MLA-2

Job Number: _____ Noise Source: Autos on I-90

Date: 4-22-20 By: J Scheidt

Equipment	Type	Serial #
Sound Level Meter	Larson Davis 824	824A0764
Microphone	Larson Davis 2541	4185
Calibrator	Larson Davis CAL200	3755

SLM SETTINGS (circle one) FAST **SLOW**

WEIGHTING (circle one) **A** Lin.

Location Description: see MLA-1 and map

Location Diagram: _____

*airplane
periodic gusts of wind*

Start Time: 10:43 AM PM Stop Time: 10:58 AM PM Duration: 15 min

Wind Speed: 8 mph Wind Direction: WNW

Temperature: 62°

Calibration results before: 112.6 dBA and after 112.8 dBA

Leq 65.0 dBA Lmin 47.8 dBA Lmax 76.3 dBA

*45 69.8
10 68.5
33 65.1
50 63.6*



Autos	Medium Trucks	Heavy Trucks	Buses	Motorcycles
25	8	29	—	—
104	5	28	—	—

Traffic counts need to be directional

TRAFFIC NOISE MONITORING LOG SHEET

Project Description: Lockwood Data File: MLA-3
 Job Number: _____ Noise Source: Autos on I-90
 Date: 4.22.20 By: Schuck

Equipment	Type	Serial #
Sound Level Meter	Larson Davis 824	824A0764
Microphone	Larson Davis 2541	4185
Calibrator	Larson Davis CAL200	3755

SLM SETTINGS (circle one) FAST **SLOW**

WEIGHTING (circle one) **A** Lin.

Location Description: See MLA-1 and map.

Location Diagram: Train horn

Start Time: 11:02 AM PM Stop Time: 11:14 AM PM Duration: 12 min (battery dead)

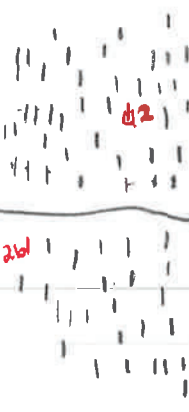
Wind Speed: 10 mph Wind Direction: WSW

Temperature: 62°

Calibration results before: 112.6 dBA and after 112.8 dBA

Leq 64.8 dBA Lmin 52.4 dBA Lmax 74.4 dBA

Ln 5 70.5
10 68.5
64.1
62.4



Autos	Medium Trucks	Heavy Trucks	Buses	Motorcycles
(147)	(5)	(24)	—	—
(101)	—	(22)	—	(1)

Traffic counts need to be directional

TRAFFIC NOISE MONITORING LOG SHEET

Project Description: Lockwood Data File: MLB-1
 Job Number: _____ Noise Source: Autos on I-90
 Date: 4-22-20 By: J Schuck

Equipment	Type	Serial #
Sound Level Meter	Larson Davis 824	824A0764
Microphone	Larson Davis 2541	4185
Calibrator	Larson Davis CAL200	3755

SLM SETTINGS (circle one) FAST **SLOW**
 WEIGHTING (circle one) **A** Lin.

Location Description: End of Barker La 45.79835, -108.45078
See map attached

Location Diagram: Gusts
Dog barking

Start Time: _____ Stop Time: _____ Duration: _____
11:29 AM PM 11:44 AM PM 15 min

Wind Speed: 10 mph Wind Direction: WNW
 Temperature: 63
 Calibration results before: 112.6 dBA and after 112.8 dBA
 Leq 66.2 dBA Lmin 47.3 dBA Lmax 74.2 dBA

L5 70.9
 10 69.6
 33 66.9
 50 64.8

WB ←

 EB →

Autos	Medium Trucks	Heavy Trucks	Buses	Motorcycles
			-	-
			-	-

Traffic counts need to be directional

TRAFFIC NOISE MONITORING LOG SHEET

Project Description: Lockwood Data File: MLB-2

Job Number: _____ Noise Source: Autos on B-90

Date: 4.22.20 By: J. Schuch

Equipment	Type	Serial #
Sound Level Meter	Larson Davis 824	824A0764
Microphone	Larson Davis 2541	4185
Calibrator	Larson Davis CAL200	3755

SLM SETTINGS (circle one) FAST **SLOW**

WEIGHTING (circle one) **A** Lin.

Location Description: See MLB-1 and map

Location Diagram:

Angular dog bank

Start Time: 11:48 AM PM Stop Time: 12:03 AM PM Duration: 15 min

Wind Speed: 10 mph Wind Direction: WNW

Temperature: 63

Calibration results before: 112.6 dBA and after 112.8 dBA

Leq 66.2 dBA Lmin 50.5 dBA Lmax 77.4 dBA

L5 71.5
10 69.9
33 65.9
50 64.1

WB ←

Autos	Medium Trucks	Heavy Trucks	Buses	Motorcycles

EB →

Traffic counts need to be directional

Baxter = **1** One auto NB on Baxter

TRAFFIC NOISE MONITORING LOG SHEET

Project Description: Lockwood Data File: MLB-3

Job Number: _____ Noise Source: Autos on I-90

Date: 4.22.20 By: J. Schmid

Equipment	Type	Serial #
Sound Level Meter	Larson Davis 824	824A0764
Microphone	Larson Davis 2541	4185
Calibrator	Larson Davis CAL200	3755

SLM SETTINGS (circle one) FAST **SLOW**

WEIGHTING (circle one) **A** Lin.

Location Description: See MLB-1 and map

Location Diagram:

Start Time: 12:06 AM ~~PM~~ Stop Time: 12:21 AM ~~PM~~ Duration: 15 min

Wind Speed: 10 mph Wind Direction: WNW

Temperature: 63

Calibration results before: 112.6 dBA and after 112.8 dBA

Ln	5	69.4
	10	68.0
	33	65.0
	50	63.1

Leq 64.7 dBA Lmin 50.5 dBA Lmax 72.9 dBA

WB ←

	Autos	Medium Trucks	Heavy Trucks	Buses	Motorcycles
WB ←	 127	—	 34	—	 1
EB →	 121	 1	 20	—	—

Traffic counts need to be directional

TRAFFIC NOISE MONITORING LOG SHEET

Project Description: Lockwood Data File: MLC-1

Job Number: _____ Noise Source: Autos on I-90 and N. Frontage

Date: 4.22.20 By: J. Schmid

Equipment	Type	Serial #
Sound Level Meter	Larson Davis 824	824A0764
Microphone	Larson Davis 2541	4185
Calibrator	Larson Davis CAL200	3755

SLM SETTINGS (circle one) FAST **SLOW**

WEIGHTING (circle one) **A** Lin.

Location Description: Along N. Frontage Rd / W of Bridgewater 45.79877, -108.45261

Location Diagram:

Start Time: 4:26 AM PM Stop Time: 4:41 AM PM Duration: 15 min

Wind Speed: 8 mph Wind Direction: WNW

Temperature: 68

Calibration results before: 112.6 dBA and after 112.8 dBA

Leq 64.6 dBA Lmin 50.8 dBA Lmax 76.3 dBA

25 | 69.9
10 | 68.4
33 | 64.3
50 | 62.1



	Autos	Medium Trucks	Heavy Trucks	Buses	Motorcycles
I-90 EB ←	159	2	18	—	6
I-90 WB →	141	2	24	—	1
N. Frontage Rd EB ←	23	—	1	—	1
N. Frontage Rd WB →	29	—	—	—	—

Traffic counts need to be directional

TRAFFIC NOISE MONITORING LOG SHEET

Project Description: Lockwood Data File: MLC-2
 Job Number: _____ Noise Source: Autos (I-90 + N Frontage)
 Date: 4-22-20 By: J. Schick

Equipment	Type	Serial #
Sound Level Meter	Larson Davis 824	824A0764
Microphone	Larson Davis 2541	4185
Calibrator	Larson Davis CAL200	3755

SLM SETTINGS (circle one) FAST **SLOW**

WEIGHTING (circle one) **A** Lin.

Location Description: See MLC-1 and map

Location Diagram: Train

Start Time: 4:45 AM PM Stop Time: 5:00 AM PM Duration: 15 min

Wind Speed: 6 mph Wind Direction: WNW

Temperature: 68

Calibration results before: 112.6 dBA and after 112.8 dBA

Leq 66.6 dBA Lmin 49.8 dBA Lmax 82.3 dBA

L 5 70.9
 10 69.3
 33 64.4
 50 62.3

	Autos	Medium Trucks	Heavy Trucks	Buses	Motorcycles
I-90 EB ←	<u>191</u>	<u>3</u>	<u>22</u>	—	—
WB →	<u>122</u>	<u>3</u>	<u>27</u>	—	<u>4</u>
Traffic counts need to be directional					
EB ←	<u>17</u>	<u>1</u>	<u>2</u>	—	—
WB →	<u>23</u>	—	—	—	—

TRAFFIC NOISE MONITORING LOG SHEET

Project Description: Lockwood Data File: MLC-3
 Job Number: _____ Noise Source: Autos (I-90 + N Frontage)
 Date: 4.22.20 By: J. Schief

Equipment	Type	Serial #
Sound Level Meter	Larson Davis 824	824A0764
Microphone	Larson Davis 2541	4185
Calibrator	Larson Davis CAL200	3755

SLM SETTINGS (circle one) FAST **SLOW**

WEIGHTING (circle one) **A** Lin.

Location Description: see MLC-1 and map

Location Diagram: Train

Start Time: 5:02 AM PM Stop Time: 5:17 AM PM Duration: 15m

Wind Speed: 6 mph Wind Direction: WNW

Temperature: 68

Calibration results before: 112.6 dBA and after 112.8 dBA
 Leq 66.5 dBA Lmin 48.9 dBA Lmax 85.8 dBA

L5	70.6
10	69.0
33	64.5
50	62.3

	Autos	Medium Trucks	Heavy Trucks	Buses	Motorcycles
127 EB ← I90 WB →					
WB →					
Traffic counts need to be directional					
EB ←					
N. Frontage Rd WB →					

TRAFFIC NOISE MONITORING LOG SHEET

Project Description: Lockwood Data File: MLD-1
 Job Number: _____ Noise Source: Autos on I-90
 Date: 4.22.20 By: J. Schuck

Equipment	Type	Serial #
Sound Level Meter	Larson Davis 824	824A0764
Microphone	Larson Davis 2541	4185
Calibrator	Larson Davis CAL200	3755

SLM SETTINGS (circle one) FAST **SLOW**

WEIGHTING (circle one) **A** Lin.

Location Description: End of Reynolds St. 45.80289, -108.43987
(see map)

Location Diagram: train

Start Time: 12:30 AM PM Stop Time: 12:45 AM PM Duration: 15 min

Wind Speed: 10 mph Wind Direction: WSW

Temperature: 65

Calibration results before: 112.6 dBA and after 112.8 dBA

Leq 68.7 dBA Lmin 52.5 dBA Lmax 77.1 dBA

L5 74.3
L10 72.5
L33 68.5
L50 66.6

WB ←

EB →

Autos	Medium Trucks	Heavy Trucks	Buses	Motorcycles
(124)	(3)	(29)	—	—
(120)	(4)	(21)	(1)	—

Traffic counts need to be directional

TRAFFIC NOISE MONITORING LOG SHEET

Project Description: Lockwood Data File: MLD-2
 Job Number: _____ Noise Source: Autos on I-90
 Date: 4-22-20 By: J. Schuck

Equipment	Type	Serial #
Sound Level Meter	Larson Davis 824	824A0764
Microphone	Larson Davis 2541	4185
Calibrator	Larson Davis CAL200	3755

SLM SETTINGS (circle one) FAST **SLOW**

WEIGHTING (circle one) **A** Lin.

Location Description: See MLD-1 and map

Location Diagram: train

Start Time: 12:47 AM PM Stop Time: 1:08 AM PM Duration: 15

Wind Speed: 5 mph Wind Direction: WSW

Temperature: 65

Calibration results before: 112.6 dBA and after 112.8 dBA

Leq 68.5 dBA Lmin 57.4 dBA Lmax 79.4 dBA

L 5 73.9
10 72.0
33 68.3
50 66.0

WB ←

EB →

Autos	Medium Trucks	Heavy Trucks	Buses	Motorcycles
			-	-
			-	

Traffic counts need to be directional

TRAFFIC NOISE MONITORING LOG SHEET

Project Description: Lockwood Data File: MLD-3
 Job Number: _____ Noise Source: Autos on I-90
 Date: 4-22-20 By: J. Schick

Equipment	Type	Serial #
Sound Level Meter	Larson Davis 824	824A0764
Microphone	Larson Davis 2541	4185
Calibrator	Larson Davis CAL200	3755

SLM SETTINGS (circle one) FAST SLOW

WEIGHTING (circle one) A Lin.

Location Description: See MLD-1 and map

Location Diagram:

Start Time: _____ Stop Time: _____ Duration: _____
1:13 AM PM 1:28 AM PM 15 min

Wind Speed: 9 mph Wind Direction: W

Temperature: 68

Calibration results before: 112.6 dBA and after 112.8 dBA

Leq 69.3 dBA Lmin 53.4 dBA Lmax 79.4 dBA

L5 74.3
10 73.1
33 69.3
50 66.9

WB ←
EB →

Autos	Medium Trucks	Heavy Trucks	Buses	Motorcycles
	<u>1</u>		—	—
	<u>4</u>		—	<u>1</u>

Traffic counts need to be directional

TRAFFIC NOISE MONITORING LOG SHEET

Project Description: Lockwood Data File: MCE-1
 Job Number: _____ Noise Source: Autos on I-90 and Old Hardin Rd
 Date: 4-22-80 By: J. Schuch

Equipment	Type	Serial #
Sound Level Meter	Larson Davis 824	824A0764
Microphone	Larson Davis 2541	4185
Calibrator	Larson Davis CAL200	3755

SLM SETTINGS (circle one) FAST **SLOW**

WEIGHTING (circle one) **A** Lin.

Location Description: Ball Park (Lockwood Complex) 45.80745, -108.42609
ML within park

Location Diagram:

Airplane gusts at times

Start Time: _____ Stop Time: _____ Duration: _____
1:55 AM PM 2:10 AM PM 15 min

Wind Speed: 10 mph Wind Direction: W

Temperature: 68

Calibration results before: 112.6 dBA and after 112.8 dBA

Leq 63.8 dBA Lmin 55.9 dBA Lmax 72.1 dBA

L₅ 67.5
 10 66.8
 33 64.1
 50 62.9

	Autos	Medium Trucks	Heavy Trucks	Buses	Motorcycles
WB ← 36	125	2	21	-	2
EB → 21	107	3	27	-	1
Traffic counts need to be directional					
OLD HARDIN RD ← 3	28	1	1	-	-
3	32	1	3	-	-

TRAFFIC NOISE MONITORING LOG SHEET

Project Description: Lockwood Data File: MLE-2
 Job Number: _____ Noise Source: Autos on 170 + Old Hardin
 Date: 4-22-20 By: J. Schmit

Equipment	Type	Serial #
Sound Level Meter	Larson Davis 824	824A0764
Microphone	Larson Davis 2541	4185
Calibrator	Larson Davis CAL200	3755

SLM SETTINGS (circle one) FAST **SLOW**

WEIGHTING (circle one) **A** Lin.

Location Description: See MLE-1 and map

Location Diagram: Gusts at times

Start Time: 2:16 AM ~~PM~~ Stop Time: 2:31 AM ~~PM~~ Duration: 15 min

Wind Speed: 10 mph Wind Direction: W

Temperature: 68

Calibration results before: 112.6 dBA and after 112.8 dBA L5 67.8
10 66.9
33 64.8
50 63.4

Leq 64.3 dBA Lmin 54.9 dBA Lmax 72.3 dBA

	Autos	Medium Trucks	Heavy Trucks	Buses	Motorcycles
WB ←	137	2	25	-	1
EB →	149	2	36	-	-
WB ←	Traffic counts need to be directional				
EB →	22	3	1	-	2
WB ←	30	1	2	-	-

See v.d

TRAFFIC NOISE MONITORING LOG SHEET

Project Description: Lockwood Data File: MLE-3

Job Number: _____ Noise Source: Autos

Date: 4.22.20 By: J. Schuch

Equipment	Type	Serial #
Sound Level Meter	Larson Davis 824	824A0764
Microphone	Larson Davis 2541	4185
Calibrator	Larson Davis CAL200	3755

SLM SETTINGS (circle one) FAST **SLOW**

WEIGHTING (circle one) **A** Lin.

Location Description: See MLE-1 and map

Location Diagram:

Train

Start Time: 2:39 AM Stop Time: 2:54 AM Duration: 15 min

Wind Speed: 10 mph Wind Direction: W

Temperature: 68

Calibration results before: 112.6 dBA and after 112.8 dBA L_n 5 68.1
 10 67.3
 33 65.0
 50 64.0

	Autos	Medium Trucks	Heavy Trucks	Buses	Motorcycles
WB ← 42	134	8	23	—	1
EB → 40	123	5	39	—	—
Traffic counts need to be directional					
WB ← 41	34	1	1	—	1
EB → 40	5	1	—	—	2

See vid

Appendix D. TNM Model Data Sheets

INPUT: ROADWAYS

Lockwood Interchange

MDT						11 December 2020						
HDR						TNM 2.5						
INPUT: ROADWAYS												
PROJECT/CONTRACT:	Lockwood Interchange						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA					
RUN:	Existing Alternative											
Roadway		Points		Coordinates (pavement)			Flow Control			Segment		
Name	Width	Name	No.	X	Y	Z	Control	Speed	Percent	Pvmt	On	
							Device	Constraint	Vehicles <th>Type</th> <th>Struct?</th>	Type	Struct?	
	ft			ft	ft	ft		mph	Affected			
									%			
NE I90 (W of US87 OffR)out	12.5	1	1	2,231,256.2	564,363.2	3,138.00				Average		
		2	2	2,231,375.5	564,405.4	3,140.00				Average		
		3	3	2,231,538.5	564,462.6	3,144.00				Average		
		4	4	2,231,731.2	564,532.1	3,148.00				Average		
		5	5	2,232,000.0	564,626.7	3,154.00				Average		
		6	6	2,232,249.2	564,715.5	3,160.00				Average		
		7	7	2,232,453.0	564,788.4	3,164.00				Average		
		8	8	2,232,666.8	564,864.2	3,166.00				Average		
		9	9	2,232,826.8	564,920.9	3,169.00				Average		
		10	10	2,232,956.2	564,966.3	3,169.00				Average		
		11	12	2,233,134.5	565,029.2	3,167.00				Average		
		12	11	2,233,385.5	565,118.8	3,162.00						
NE I90 (W of US87 OffR)in	12.5	83	13	2,231,252.2	564,374.5	3,138.00				Average		
		84	14	2,231,371.5	564,416.7	3,142.00				Average		
		85	15	2,231,534.5	564,473.9	3,144.00				Average		
		86	16	2,231,727.2	564,543.4	3,148.00				Average		
		87	17	2,231,996.0	564,638.0	3,154.00				Average		
		88	18	2,232,245.2	564,726.8	3,160.00				Average		
		89	19	2,232,449.0	564,799.7	3,164.00				Average		
		90	20	2,232,662.8	564,875.5	3,166.00				Average		
		91	21	2,232,822.8	564,932.2	3,168.00				Average		
		92	22	2,232,952.2	564,977.6	3,168.00				Average		
		93	23	2,233,130.5	565,040.5	3,166.00				Average		
		94	24	2,233,381.5	565,130.1	3,162.00						
NE I90 (btn US87 ramps)out	12.5	12	25	2,233,385.5	565,118.8	3,162.00				Average		

INPUT: ROADWAYS

Lockwood Interchange

		13	26	2,233,474.2	565,149.6	3,166.00				Average	
		14	27	2,233,720.0	565,238.0	3,160.00				Average	
		15	28	2,233,891.5	565,303.1	3,149.00				Average	
		16	29	2,234,025.5	565,359.8	3,145.00				Average	
		17	30	2,234,172.8	565,426.1	3,140.00				Average	
		18	31	2,234,286.0	565,481.6	3,137.00				Average	
		19	32	2,234,431.8	565,555.8	3,135.00				Average	
		20	33	2,234,599.8	565,648.4	3,134.00				Average	
		21	34	2,234,767.2	565,746.4	3,134.00				Average	
		22	35	2,234,905.8	565,827.6	3,135.00				Average	
		23	36	2,235,121.5	565,955.1	3,135.00				Average	
		24	37	2,235,288.0	566,052.6	3,136.00				Average	
		25	38	2,235,486.0	566,168.9	3,136.00				Average	
		26	39	2,235,633.5	566,256.0	3,136.00				Average	
		27	40	2,235,731.0	566,313.5	3,136.00					
NE I90 (btn US87 ramps)in	12.5	94	41	2,233,381.5	565,130.1	3,162.00				Average	
		95	42	2,233,470.2	565,161.0	3,162.00				Average	
		96	43	2,233,716.0	565,249.3	3,160.00				Average	
		97	44	2,233,887.0	565,314.2	3,148.00				Average	
		98	45	2,234,020.5	565,370.8	3,144.00				Average	
		99	46	2,234,167.5	565,437.0	3,140.00				Average	
		100	47	2,234,280.8	565,492.3	3,137.00				Average	
		101	48	2,234,426.0	565,566.4	3,135.00				Average	
		102	49	2,234,593.8	565,658.8	3,134.00				Average	
		103	50	2,234,761.2	565,756.7	3,134.00				Average	
		104	51	2,234,899.5	565,838.0	3,134.00				Average	
		105	52	2,235,115.5	565,965.5	3,135.00				Average	
		106	53	2,235,282.0	566,063.0	3,135.00				Average	
		107	54	2,235,480.0	566,179.2	3,136.00				Average	
		108	55	2,235,627.5	566,266.3	3,136.00				Average	
		109	56	2,235,725.0	566,323.8	3,136.00					
NE I90 (US87OnR to JohnsonOffR)out	12.5	27	57	2,235,731.0	566,313.5	3,136.00				Average	
		28	58	2,236,016.5	566,481.8	3,137.00				Average	
		29	59	2,236,245.5	566,616.8	3,137.00				Average	
		30	60	2,236,427.8	566,723.4	3,138.00				Average	
		31	61	2,236,687.8	566,875.5	3,139.00				Average	
		32	62	2,236,869.8	566,983.5	3,139.00				Average	
		33	63	2,237,040.2	567,084.3	3,140.00				Average	
		34	64	2,237,247.2	567,205.5	3,140.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		35	65	2,237,450.8	567,324.7	3,141.00				Average	
		36	66	2,237,634.8	567,433.5	3,141.00				Average	
		37	67	2,237,830.5	567,549.3	3,142.00				Average	
		38	68	2,237,976.5	567,634.3	3,142.00				Average	
		39	69	2,238,207.0	567,769.7	3,143.00				Average	
		40	70	2,238,382.0	567,873.0	3,143.00				Average	
		41	71	2,238,697.2	568,058.9	3,144.00				Average	
		42	72	2,238,945.5	568,204.7	3,143.00				Average	
		43	73	2,239,216.0	568,363.5	3,142.00				Average	
		44	74	2,239,418.5	568,482.6	3,142.00				Average	
		45	75	2,239,590.5	568,581.7	3,141.00				Average	
		46	76	2,239,725.5	568,655.4	3,140.00				Average	
		47	77	2,239,834.5	568,710.3	3,140.00				Average	
		48	78	2,239,942.2	568,762.4	3,139.00				Average	
		49	79	2,240,164.8	568,866.9	3,139.00				Average	
		50	80	2,240,376.0	568,965.7	3,138.00				Average	
		51	81	2,240,635.5	569,086.5	3,138.00				Average	
		52	82	2,240,923.0	569,221.5	3,137.00				Average	
		53	83	2,241,102.5	569,307.0	3,137.00				Average	
		54	84	2,241,273.8	569,395.4	3,137.00				Average	
		55	85	2,241,401.0	569,465.9	3,137.00				Average	
		56	86	2,241,540.8	569,549.8	3,138.00				Average	
		57	87	2,241,697.0	569,648.2	3,138.00				Average	
		58	88	2,241,849.0	569,751.6	3,138.00				Average	
		59	89	2,241,968.0	569,837.6	3,139.00				Average	
		60	90	2,242,120.0	569,953.4	3,138.00				Average	
		61	91	2,242,339.0	570,119.7	3,138.00				Average	
		62	92	2,242,631.5	570,341.3	3,137.00				Average	
		63	93	2,242,973.8	570,600.1	3,136.00				Average	
		64	94	2,243,263.2	570,821.8	3,136.00				Average	
		65	95	2,243,575.5	571,057.6	3,139.00				Average	
		66	96	2,243,734.5	571,178.9	3,140.00				Average	
		67	97	2,243,930.5	571,327.6	3,142.00				Average	
		68	98	2,244,088.0	571,448.0	3,143.00					
NE I90 (US87OnR to JohnsonOffR)in	12.5	109	99	2,235,725.0	566,323.8	3,136.00				Average	
		110	100	2,236,010.5	566,492.1	3,137.00				Average	
		111	101	2,236,239.5	566,627.1	3,137.00				Average	
		112	102	2,236,421.8	566,733.8	3,138.00				Average	
		113	103	2,236,681.5	566,885.9	3,138.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		114	104	2,236,863.8	566,993.8	3,139.00				Average	
		115	105	2,237,034.0	567,094.6	3,140.00				Average	
		116	106	2,237,241.2	567,215.9	3,140.00				Average	
		117	107	2,237,444.5	567,335.0	3,141.00				Average	
		118	108	2,237,628.8	567,443.8	3,141.00				Average	
		119	109	2,237,824.5	567,559.6	3,142.00				Average	
		120	110	2,237,970.5	567,644.6	3,142.00				Average	
		121	111	2,238,200.8	567,780.0	3,142.00				Average	
		122	112	2,238,375.8	567,883.4	3,143.00				Average	
		123	113	2,238,691.2	568,069.2	3,144.00				Average	
		124	114	2,238,939.5	568,215.1	3,143.00				Average	
		125	115	2,239,210.0	568,373.8	3,142.00				Average	
		126	116	2,239,412.5	568,493.0	3,142.00				Average	
		127	117	2,239,584.8	568,592.2	3,141.00				Average	
		128	118	2,239,719.8	568,666.0	3,140.00				Average	
		129	119	2,239,829.0	568,721.1	3,140.00				Average	
		130	120	2,239,937.0	568,773.2	3,140.00				Average	
		131	121	2,240,159.5	568,877.8	3,139.00				Average	
		132	122	2,240,371.0	568,976.6	3,138.00				Average	
		133	123	2,240,630.5	569,097.4	3,138.00				Average	
		134	124	2,240,918.0	569,232.4	3,137.00				Average	
		135	125	2,241,097.0	569,317.8	3,136.00				Average	
		136	126	2,241,268.0	569,406.0	3,137.00				Average	
		137	127	2,241,395.0	569,476.3	3,137.00				Average	
		138	128	2,241,534.5	569,560.0	3,137.00				Average	
		139	129	2,241,690.5	569,658.2	3,138.00				Average	
		140	130	2,241,842.0	569,761.5	3,138.00				Average	
		141	131	2,241,960.8	569,847.2	3,138.00				Average	
		142	132	2,242,112.8	569,963.0	3,138.00				Average	
		143	133	2,242,332.0	570,129.2	3,138.00				Average	
		144	134	2,242,624.5	570,350.9	3,136.00				Average	
		145	135	2,242,966.5	570,609.7	3,136.00				Average	
		146	136	2,243,256.0	570,831.3	3,136.00				Average	
		147	137	2,243,568.0	571,067.2	3,139.00				Average	
		148	138	2,243,727.2	571,188.4	3,140.00				Average	
		149	139	2,243,923.0	571,337.2	3,142.00				Average	
		150	140	2,244,080.5	571,457.6	3,143.00					
NE I90 (btn JohnsonLn ramps)out	12.5	68	141	2,244,088.0	571,448.0	3,143.00				Average	
		69	142	2,244,294.5	571,605.6	3,145.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		70	143	2,244,469.2	571,746.5	3,146.00				Average	
		71	144	2,244,645.2	571,895.7	3,147.00				Average	
		72	145	2,244,798.8	572,028.3	3,148.00				Average	
		73	146	2,245,001.8	572,214.6	3,149.00				Average	
		74	147	2,245,146.8	572,347.2	3,134.00				Average	
		75	148	2,245,250.5	572,445.5	3,138.00				Average	Y
		76	149	2,245,361.0	572,546.7	3,142.00				Average	
		77	150	2,245,540.0	572,715.9	3,142.00				Average	
		78	151	2,245,896.2	573,048.0	3,132.00				Average	
		79	152	2,246,097.2	573,236.9	3,124.00				Average	
		80	153	2,246,172.0	573,306.4	3,124.00				Average	
		81	154	2,246,355.0	573,478.3	3,128.00				Average	
		82	155	2,246,620.2	573,726.5	3,132.00				Average	
NE I90 (btn JohnsonLn ramps)in	12.5	150	156	2,244,080.5	571,457.6	3,143.00				Average	
		151	157	2,244,287.2	571,615.0	3,144.00				Average	
		152	158	2,244,461.8	571,755.8	3,146.00				Average	
		153	159	2,244,637.5	571,904.9	3,147.00				Average	
		154	160	2,244,790.8	572,037.3	3,148.00				Average	
		155	161	2,244,993.5	572,223.5	3,149.00				Average	
		156	162	2,245,138.5	572,355.9	3,134.00				Average	
		157	163	2,245,242.2	572,454.3	3,138.00				Average	Y
		158	164	2,245,352.8	572,555.5	3,142.00				Average	
		159	165	2,245,531.8	572,724.7	3,142.00				Average	
		160	166	2,245,888.0	573,056.8	3,132.00				Average	
		161	167	2,246,089.0	573,245.7	3,124.00				Average	
		162	168	2,246,163.8	573,315.1	3,124.00				Average	
		163	169	2,246,346.8	573,487.0	3,128.00				Average	
		164	170	2,246,612.0	573,735.3	3,132.00				Average	
SW I90 (E of Johnson OffR)out	12.5	462	171	2,246,638.5	573,861.6	3,130.00				Average	
		463	172	2,246,288.0	573,532.1	3,126.00				Average	
		468	173	2,246,250.8	573,497.7	3,126.00				Average	
SW I90 (E of Johnson OffR)in	12.5	464	174	2,246,646.8	573,852.8	3,130.00				Average	
		465	175	2,246,296.2	573,523.4	3,126.00				Average	
		470	176	2,246,259.0	573,488.9	3,126.00				Average	
SW I90 (btn Johnson ramps)out	12.5	468	177	2,246,250.8	573,497.7	3,126.00				Average	
		469	178	2,246,058.5	573,317.7	3,124.00				Average	
		165	179	2,246,023.0	573,285.6	3,124.00				Average	
		166	180	2,245,812.5	573,087.7	3,130.00				Average	
		167	181	2,245,601.2	572,890.5	3,136.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		168	182	2,245,348.5	572,654.4	3,142.00			Average	Y
		169	183	2,245,237.8	572,550.9	3,138.00			Average	
		170	184	2,244,980.8	572,310.6	3,130.00			Average	
		171	185	2,244,740.2	572,089.5	3,147.00			Average	
		172	186	2,244,506.8	571,889.0	3,146.00			Average	
		173	187	2,244,284.0	571,708.2	3,144.00			Average	
		174	188	2,244,068.5	571,539.8	3,138.00			Average	
		175	189	2,243,941.0	571,443.7	3,138.00			Average	
		176	190	2,243,718.0	571,274.2	3,140.00				
SW I90 (btn Johnson ramps)in	12.5	470	191	2,246,259.0	573,488.9	3,126.00			Average	
		471	192	2,246,066.8	573,308.9	3,124.00			Average	
		232	193	2,246,031.2	573,276.9	3,124.00			Average	
		233	194	2,245,820.5	573,078.9	3,132.00			Average	
		234	195	2,245,609.5	572,881.7	3,136.00			Average	
		235	196	2,245,356.8	572,645.6	3,142.00			Average	Y
		236	197	2,245,246.0	572,542.1	3,138.00			Average	
		237	198	2,244,989.0	572,301.8	3,130.00			Average	
		238	199	2,244,748.2	572,080.6	3,148.00			Average	
		239	200	2,244,514.5	571,879.8	3,146.00			Average	
		240	201	2,244,291.5	571,698.8	3,144.00			Average	
		241	202	2,244,075.8	571,530.3	3,143.00			Average	
		242	203	2,243,948.2	571,434.1	3,142.00			Average	
		243	204	2,243,725.2	571,264.7	3,141.00				
SW I90 (JohnsonOnR to US87OffR)out	12.5	176	205	2,243,718.0	571,274.2	3,140.00			Average	
		177	206	2,243,460.5	571,078.4	3,138.00			Average	
		178	207	2,243,236.8	570,908.2	3,136.00			Average	
		179	208	2,242,984.0	570,716.2	3,136.00			Average	
		180	209	2,242,698.5	570,500.6	3,136.00			Average	
		181	210	2,242,440.5	570,304.1	3,137.00			Average	
		182	211	2,242,154.2	570,086.0	3,138.00			Average	
		183	212	2,241,903.5	569,898.2	3,138.00			Average	
		184	213	2,241,774.0	569,804.9	3,137.00			Average	
		185	214	2,241,675.2	569,738.7	3,137.00			Average	
		186	215	2,241,537.2	569,649.2	3,136.00			Average	
		187	216	2,241,405.5	569,569.7	3,136.00			Average	
		188	217	2,241,261.8	569,487.9	3,136.00			Average	
		189	218	2,241,121.5	569,413.0	3,136.00			Average	
		190	219	2,240,947.2	569,328.3	3,136.00			Average	
		191	220	2,240,797.2	569,257.2	3,137.00			Average	

INPUT: ROADWAYS

Lockwood Interchange

		192	221	2,240,617.8	569,173.8	3,137.00				Average	
		193	222	2,240,433.8	569,087.4	3,138.00				Average	
		194	223	2,240,174.0	568,966.2	3,138.00				Average	
		195	224	2,239,963.2	568,866.9	3,140.00				Average	
		196	225	2,239,750.0	568,764.4	3,141.00				Average	
		197	226	2,239,635.0	568,704.2	3,142.00				Average	
		198	227	2,239,466.0	568,609.7	3,142.00				Average	
		199	228	2,239,221.5	568,466.3	3,142.00				Average	
		200	229	2,239,020.5	568,348.2	3,143.00				Average	
		201	230	2,238,816.0	568,228.4	3,144.00				Average	
		202	231	2,238,576.5	568,087.8	3,143.00				Average	
		203	232	2,238,230.8	567,884.3	3,143.00				Average	
		204	233	2,238,057.5	567,782.2	3,142.00				Average	
		205	234	2,237,878.2	567,676.0	3,142.00				Average	
		206	235	2,237,669.8	567,553.4	3,141.00				Average	
		207	236	2,237,400.2	567,395.8	3,141.00				Average	
		208	237	2,237,086.0	567,211.1	3,140.00				Average	
		209	238	2,236,782.2	567,032.2	3,139.00				Average	
		210	239	2,236,508.2	566,872.5	3,138.00				Average	
		211	240	2,236,195.0	566,687.1	3,137.00				Average	
		212	241	2,235,873.5	566,497.9	3,136.00				Average	
		213	242	2,235,610.0	566,342.7	3,135.00				Average	
		214	243	2,235,361.0	566,196.5	3,135.00					
SW I90 (JohnsonOnR to US87OffR)in	12.5	243	245	2,243,725.2	571,264.7	3,141.00				Average	
		244	246	2,243,467.8	571,068.8	3,138.00				Average	
		245	247	2,243,244.0	570,898.7	3,136.00				Average	
		246	248	2,242,991.2	570,706.7	3,136.00				Average	
		247	249	2,242,706.0	570,491.0	3,136.00				Average	
		248	250	2,242,448.0	570,294.5	3,137.00				Average	
		249	251	2,242,161.5	570,076.5	3,138.00				Average	
		250	252	2,241,910.5	569,888.6	3,138.00				Average	
		251	253	2,241,781.0	569,795.1	3,138.00				Average	
		252	254	2,241,682.0	569,728.7	3,137.00				Average	
		253	255	2,241,543.5	569,639.0	3,137.00				Average	
		254	256	2,241,411.5	569,559.4	3,136.00				Average	
		255	257	2,241,267.5	569,477.4	3,136.00				Average	
		256	258	2,241,126.8	569,402.3	3,136.00				Average	
		257	259	2,240,952.5	569,317.5	3,137.00				Average	
		258	260	2,240,802.2	569,246.3	3,137.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		259	261	2,240,622.8	569,163.0	3,138.00			Average	
		260	262	2,240,438.8	569,076.5	3,138.00			Average	
		261	263	2,240,179.0	568,955.3	3,139.00			Average	
		262	264	2,239,968.2	568,856.0	3,140.00			Average	
		263	265	2,239,755.2	568,753.7	3,141.00			Average	
		264	266	2,239,640.8	568,693.7	3,141.00			Average	
		265	267	2,239,472.0	568,599.3	3,142.00			Average	
		266	268	2,239,227.5	568,455.9	3,142.00			Average	
		267	269	2,239,026.5	568,337.9	3,143.00			Average	
		268	270	2,238,822.0	568,218.1	3,144.00			Average	
		269	271	2,238,582.8	568,077.5	3,144.00			Average	
		270	272	2,238,237.0	567,874.0	3,143.00			Average	
		271	273	2,238,063.5	567,771.9	3,142.00			Average	
		272	274	2,237,884.5	567,665.7	3,142.00			Average	
		273	275	2,237,675.8	567,543.1	3,142.00			Average	
		274	276	2,237,406.2	567,385.4	3,141.00			Average	
		275	277	2,237,092.0	567,200.7	3,140.00			Average	
		276	278	2,236,788.2	567,021.9	3,139.00			Average	
		277	279	2,236,514.2	566,862.2	3,138.00			Average	
		278	280	2,236,201.0	566,676.8	3,137.00			Average	
		279	281	2,235,879.5	566,487.5	3,136.00			Average	
		280	282	2,235,616.0	566,332.3	3,136.00			Average	
		281	283	2,235,367.0	566,186.1	3,136.00			Average	
SW I90 (btn US87 ramps)out	12.5	214	284	2,235,361.0	566,196.5	3,135.00			Average	
		215	285	2,235,032.2	566,003.1	3,135.00			Average	
		216	286	2,234,719.0	565,818.7	3,134.00			Average	
		217	287	2,234,545.8	565,717.7	3,133.00			Average	
		218	288	2,234,353.2	565,609.5	3,135.00			Average	
		219	289	2,234,179.5	565,524.5	3,137.00			Average	
		220	290	2,234,015.5	565,449.9	3,142.00			Average	
		221	291	2,233,870.8	565,388.2	3,147.00			Average	
		222	292	2,233,719.5	565,329.2	3,158.00			Average	
		223	293	2,233,536.8	565,261.9	3,158.00			Average	
		224	294	2,233,423.2	565,222.3	3,161.00			Average	
SW I90 (btn US87 ramps)in	12.5	281	295	2,235,367.0	566,186.1	3,136.00			Average	
		282	296	2,235,038.2	565,992.7	3,135.00			Average	
		283	297	2,234,725.0	565,808.4	3,134.00			Average	
		284	298	2,234,551.8	565,707.3	3,134.00			Average	
		285	299	2,234,358.8	565,598.8	3,135.00			Average	

INPUT: ROADWAYS

Lockwood Interchange

		286	300	2,234,184.5	565,513.7	3,138.00			Average	
		287	301	2,234,020.2	565,438.9	3,143.00			Average	
		288	302	2,233,875.2	565,377.1	3,147.00			Average	
		289	303	2,233,723.8	565,318.0	3,158.00			Average	
		290	304	2,233,540.8	565,250.6	3,158.00			Average	
		291	305	2,233,427.2	565,211.0	3,160.00				
SW I90 (W of US87 OnR)out	12.5	224	306	2,233,423.2	565,222.3	3,161.00			Average	
		225	307	2,233,118.5	565,114.8	3,166.00			Average	
		226	308	2,232,810.5	565,006.5	3,168.00			Average	
		227	309	2,232,486.0	564,890.9	3,164.00			Average	
		228	310	2,232,105.8	564,756.8	3,156.00			Average	
		229	311	2,231,727.5	564,622.4	3,148.00			Average	
		230	312	2,231,338.0	564,483.5	3,140.00			Average	
		231	313	2,231,260.2	564,454.7	3,138.00				
SW I90 (W of US87 OnR)in	12.5	291	314	2,233,427.2	565,211.0	3,160.00			Average	
		292	315	2,233,122.5	565,103.5	3,166.00			Average	
		293	316	2,232,814.5	564,995.2	3,168.00			Average	
		294	317	2,232,490.0	564,879.5	3,164.00			Average	
		295	318	2,232,109.8	564,745.5	3,158.00			Average	
		296	319	2,231,731.8	564,611.1	3,148.00			Average	
		297	320	2,231,342.0	564,472.3	3,140.00			Average	
		298	321	2,231,264.5	564,443.5	3,138.00				
OffRamp from NE I90 to US87	14.5	311	322	2,233,412.8	565,119.9	3,162.00			Average	
		312	323	2,233,516.2	565,149.1	3,166.00			Average	
		313	324	2,233,644.8	565,183.1	3,157.00			Average	
		314	325	2,233,761.8	565,214.0	3,152.00			Average	
		315	326	2,233,859.2	565,236.6	3,150.00			Average	
		316	327	2,233,952.8	565,252.9	3,151.00			Average	
		317	328	2,234,036.8	565,263.7	3,152.00				
OffRamp from NE I90 to US87 LT	12.5	317	329	2,234,036.8	565,263.7	3,152.00			Average	
		324	330	2,234,082.0	565,273.6	3,151.00			Average	
		325	331	2,234,206.5	565,290.9	3,152.00			Average	
		326	332	2,234,319.0	565,309.7	3,154.00			Average	
		327	333	2,234,408.2	565,334.5	3,159.00			Average	
		328	334	2,234,527.2	565,379.3	3,165.00			Average	
		329	335	2,234,625.8	565,430.8	3,165.00				
OffRamp from NE I90 to US87 RT	12.5	317	338	2,234,036.8	565,263.7	3,152.00			Average	
		318	339	2,234,083.8	565,261.8	3,152.00			Average	
		319	340	2,234,208.2	565,279.0	3,154.00			Average	

INPUT: ROADWAYS

Lockwood Interchange

		320	341	2,234,321.5	565,297.9	3,156.00				Average
		321	342	2,234,412.0	565,323.1	3,161.00				Average
		322	343	2,234,532.0	565,368.3	3,166.00				Average
		323	344	2,234,631.2	565,420.2	3,166.00				
OnRamp from US87 to SW I90	14.5	581	345	2,234,154.2	565,728.3	3,151.00				Average
		582	346	2,234,057.5	565,633.7	3,148.00				Average
		583	347	2,233,906.0	565,506.3	3,146.00				Average
		584	348	2,233,837.0	565,450.0	3,147.00				Average
		585	349	2,233,779.0	565,407.0	3,148.00				Average
		586	350	2,233,711.8	565,363.4	3,148.00				Average
		587	351	2,233,647.0	565,328.7	3,153.00				Average
		588	352	2,233,572.0	565,295.2	3,156.00				Average
		589	353	2,233,484.5	565,262.3	3,158.00				Average
		590	354	2,233,331.2	565,205.1	3,162.00				
OnRamp from US87 to NE I90	14.5	344	355	2,234,721.2	565,497.7	3,166.00				Average
		345	356	2,234,844.5	565,604.4	3,162.00				Average
		346	357	2,234,992.2	565,724.9	3,156.00				Average
		347	358	2,235,211.8	565,902.4	3,145.00				Average
		348	359	2,235,387.5	566,047.9	3,139.00				Average
		349	360	2,235,502.0	566,138.0	3,137.00				Average
		350	361	2,235,575.8	566,194.3	3,136.00				Average
		351	362	2,235,633.8	566,235.6	3,136.00				
OffRamp from SW I90 to US87	14.5	559	363	2,235,404.0	566,229.8	3,135.00				Average
		560	364	2,235,204.5	566,133.1	3,134.00				Average
		561	365	2,235,071.5	566,071.9	3,135.00				Average
		562	366	2,234,962.0	566,024.6	3,137.00				Average
		563	367	2,234,842.0	565,982.8	3,140.00				Average
		564	368	2,234,700.8	565,940.5	3,145.00				Average
		565	369	2,234,524.0	565,893.3	3,150.00				Average
		566	370	2,234,454.2	565,872.2	3,153.00				Average
		567	371	2,234,391.2	565,849.5	3,154.00				Average
		568	372	2,234,322.5	565,822.9	3,154.00				Average
		569	373	2,234,230.5	565,783.6	3,153.00				
OffRamp from NE I90 to Johnson	14.5	411	374	2,244,096.0	571,440.3	3,140.00				Average
		412	375	2,244,219.0	571,519.1	3,140.00				Average
		413	376	2,244,381.0	571,622.8	3,138.00				Average
		414	377	2,244,548.2	571,730.3	3,136.00				Average
		415	378	2,244,697.5	571,821.2	3,136.00				
OffRamp from NE I90 to Johnson LT	12.5	415	379	2,244,697.5	571,821.2	3,136.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		423	380	2,244,724.2	571,843.4	3,136.00				Average	
		424	381	2,244,878.2	571,936.4	3,136.00				Average	
		425	382	2,244,968.8	571,985.7	3,136.00				Average	
		426	383	2,245,050.0	572,025.8	3,136.00				Average	
		427	384	2,245,130.2	572,059.7	3,136.00				Average	
		428	385	2,245,194.2	572,083.9	3,138.00				Average	
		429	386	2,245,249.0	572,101.1	3,138.00					
OffRamp from NE I90 to Johnson RT	12.5	415	387	2,244,697.5	571,821.2	3,136.00				Average	
		416	388	2,244,730.5	571,833.1	3,136.00				Average	
		417	389	2,244,884.0	571,926.0	3,136.00				Average	
		418	390	2,244,974.2	571,975.0	3,136.00				Average	
		419	391	2,245,055.0	572,014.9	3,136.00				Average	
		420	392	2,245,134.5	572,048.5	3,136.00				Average	
		421	393	2,245,198.0	572,072.6	3,138.00				Average	
		422	394	2,245,252.5	572,089.6	3,138.00					
OnRamp from Johnson to NE I90	14.5	430	395	2,245,374.5	572,149.8	3,140.00				Average	
		431	396	2,245,435.5	572,192.5	3,142.00				Average	
		432	397	2,245,505.0	572,255.8	3,144.00				Average	
		433	398	2,245,556.0	572,307.1	3,144.00				Average	
		434	399	2,245,616.2	572,380.2	3,146.00				Average	
		435	400	2,245,667.0	572,462.9	3,146.00				Average	
		436	401	2,245,725.2	572,579.3	3,142.00				Average	
		437	402	2,245,833.2	572,794.5	3,138.00				Average	
		438	403	2,245,900.2	572,911.9	3,136.00				Average	
		439	404	2,245,969.0	573,018.9	3,132.00				Average	
		440	405	2,246,025.5	573,097.4	3,130.00				Average	
		441	406	2,246,085.8	573,174.8	3,124.00				Average	
		442	407	2,246,188.5	573,291.3	3,124.00				Average	
		443	408	2,246,255.0	573,359.8	3,126.00				Average	
		444	409	2,246,326.8	573,432.0	3,128.00				Average	
		445	410	2,246,428.0	573,528.7	3,130.00					
OffRamp from SW I90 to Johnson	14.5	472	411	2,246,241.5	573,497.3	3,126.00				Average	
		473	412	2,246,102.5	573,386.7	3,122.00				Average	
		474	413	2,245,985.5	573,293.4	3,124.00				Average	
		475	414	2,245,854.2	573,189.5	3,128.00				Average	
		476	415	2,245,759.2	573,112.2	3,130.00				Average	
		477	416	2,245,709.5	573,075.3	3,132.00				Average	
		478	417	2,245,633.2	573,025.8	3,132.00					
OffRamp from SW I90 to Johnson LT	12.5	478	418	2,245,633.2	573,025.8	3,132.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		493	419	2,245,581.0	572,980.2	3,134.00				Average
		494	420	2,245,457.5	572,915.7	3,134.00				Average
		495	421	2,245,362.2	572,876.7	3,136.00				
OffRamp from SW I90 to Johnson RT	12.5	478	422	2,245,633.2	573,025.8	3,132.00				Average
		490	423	2,245,575.5	572,990.9	3,134.00				Average
		491	424	2,245,452.5	572,926.5	3,134.00				Average
		492	425	2,245,357.5	572,887.8	3,134.00				
OnRamp from Johnson to SW I90	14.5	496	426	2,245,232.0	572,840.2	3,134.00				Average
		497	427	2,245,121.2	572,795.9	3,130.00				Average
		498	428	2,245,047.0	572,751.9	3,128.00				Average
		499	429	2,244,972.8	572,696.8	3,126.00				Average
		500	430	2,244,912.0	572,642.3	3,122.00				Average
		501	431	2,244,854.2	572,576.2	3,122.00				Average
		502	432	2,244,796.8	572,496.5	3,124.00				Average
		503	433	2,244,633.0	572,252.2	3,128.00				Average
		504	434	2,244,499.0	572,051.6	3,130.00				Average
		505	435	2,244,422.8	571,940.4	3,132.00				Average
		506	436	2,244,384.2	571,889.0	3,134.00				Average
		507	437	2,244,331.5	571,822.7	3,134.00				Average
		508	438	2,244,271.0	571,754.6	3,136.00				Average
		509	439	2,244,189.2	571,672.7	3,136.00				Average
		510	440	2,244,082.2	571,574.6	3,138.00				Average
		511	441	2,244,012.5	571,520.1	3,138.00				Average
		512	442	2,243,793.2	571,344.5	3,141.00				
EB US87 (W of Frontage)out	12.5	607	443	2,231,873.0	565,483.6	3,134.00				Average
		608	444	2,232,335.5	565,435.0	3,132.00				Average
		609	445	2,232,439.2	565,425.2	3,142.00				Average
		610	446	2,232,516.8	565,422.4	3,142.00				Average
		611	447	2,232,587.2	565,425.9	3,140.00				Average
		612	448	2,232,648.2	565,432.9	3,138.00				Average
		613	449	2,232,715.0	565,448.4	3,136.00				Average
		614	450	2,232,803.0	565,478.4	3,134.00				Average
		615	451	2,232,875.5	565,509.9	3,132.00				Average
		616	452	2,232,942.8	565,549.1	3,130.00				Average
		617	453	2,233,000.8	565,589.6	3,130.00				Average
		618	454	2,233,074.0	565,648.1	3,128.00				Average
		619	455	2,233,192.5	565,747.3	3,128.00				Average
		620	456	2,233,259.5	565,797.7	3,127.00				Average
		621	457	2,233,317.5	565,832.2	3,126.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		622	458	2,233,374.5	565,859.7	3,127.00				Average	
		623	459	2,233,422.2	565,877.6	3,127.00				Average	
		624	460	2,233,468.2	565,893.5	3,128.00					
EB US87 (W of Frontage)in	12.5	652	461	2,231,874.2	565,495.5	3,136.00				Average	
		653	462	2,232,336.8	565,446.9	3,128.00				Average	
		654	463	2,232,440.0	565,437.2	3,142.00				Average	
		655	464	2,232,516.5	565,434.4	3,140.00				Average	
		656	465	2,232,586.2	565,437.9	3,140.00				Average	
		657	466	2,232,646.2	565,444.8	3,138.00				Average	
		658	467	2,232,711.5	565,459.9	3,136.00				Average	
		659	468	2,232,798.5	565,489.6	3,132.00				Average	
		660	469	2,232,870.2	565,520.6	3,130.00				Average	
		661	470	2,232,936.5	565,559.2	3,130.00				Average	
		662	471	2,232,993.5	565,599.2	3,130.00				Average	
		663	472	2,233,066.5	565,657.4	3,128.00				Average	
		664	473	2,233,185.2	565,756.7	3,128.00				Average	
		665	474	2,233,253.0	565,807.7	3,127.00				Average	
		666	475	2,233,311.8	565,842.8	3,127.00				Average	
		667	476	2,233,370.0	565,870.8	3,127.00				Average	
		668	477	2,233,418.0	565,888.9	3,127.00				Average	
		669	478	2,233,465.0	565,905.1	3,128.00					
WB US87 (W of Frontage)out	12.5	795	479	2,233,573.5	565,974.0	3,132.00				Average	
		796	480	2,233,450.5	565,947.4	3,129.00				Average	
		797	481	2,233,350.2	565,908.2	3,128.00				Average	
		798	482	2,233,266.5	565,866.3	3,128.00				Average	
		799	483	2,233,207.8	565,827.8	3,129.00				Average	
		800	484	2,233,140.0	565,776.2	3,128.00				Average	
		801	485	2,233,066.2	565,713.6	3,128.00				Average	
		802	486	2,232,985.2	565,648.4	3,128.00				Average	
		803	487	2,232,930.0	565,605.6	3,128.00				Average	
		804	488	2,232,879.8	565,574.6	3,128.00				Average	
		805	489	2,232,838.2	565,552.6	3,130.00				Average	
		806	490	2,232,789.5	565,529.9	3,130.00				Average	
		807	491	2,232,731.5	565,510.6	3,132.00				Average	
		808	492	2,232,674.2	565,494.0	3,134.00				Average	
		809	493	2,232,620.0	565,483.7	3,136.00				Average	
		810	494	2,232,554.0	565,477.5	3,138.00				Average	
		811	495	2,232,484.2	565,476.8	3,140.00				Average	
		812	496	2,232,360.2	565,486.5	3,126.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		813	497	2,231,878.5	565,537.2	3,134.00				
WB US87 (W of Frontage)in	12.5	833	498	2,233,575.0	565,962.0	3,132.00				Average
		834	499	2,233,453.8	565,935.9	3,129.00				Average
		835	500	2,233,355.2	565,897.3	3,128.00				Average
		836	501	2,233,272.5	565,855.9	3,128.00				Average
		837	502	2,233,214.5	565,818.0	3,128.00				Average
		838	503	2,233,147.5	565,766.8	3,128.00				Average
		839	504	2,233,074.0	565,704.4	3,128.00				Average
		840	505	2,232,992.5	565,639.0	3,128.00				Average
		841	506	2,232,936.8	565,595.7	3,128.00				Average
		842	507	2,232,885.5	565,564.2	3,130.00				Average
		843	508	2,232,843.8	565,541.8	3,130.00				Average
		844	509	2,232,794.0	565,518.7	3,132.00				Average
		845	510	2,232,735.0	565,499.1	3,132.00				Average
		846	511	2,232,677.0	565,482.3	3,134.00				Average
		847	512	2,232,621.8	565,471.8	3,136.00				Average
		848	513	2,232,554.5	565,465.5	3,138.00				Average
		849	514	2,232,483.8	565,464.8	3,140.00				Average
		850	515	2,232,359.2	565,474.5	3,130.00				Average
		851	516	2,231,877.2	565,525.2	3,136.00				
EB US87 (Frontage to Ramps)out	12.5	624	517	2,233,468.2	565,893.5	3,128.00				Average
		625	518	2,233,586.0	565,916.2	3,130.00				Average
		626	519	2,233,656.5	565,919.0	3,132.00				Average
		627	520	2,233,724.0	565,919.7	3,135.00				Average
		628	521	2,233,785.8	565,910.7	3,137.00				Average
		629	522	2,233,859.5	565,895.5	3,139.00				Average
		630	523	2,233,927.0	565,872.9	3,142.00				Average
		631	524	2,234,005.5	565,835.6	3,145.00				Average
		632	525	2,234,158.8	565,746.9	3,151.00				
EB US87 (Frontage to Ramps)in	12.5	669	526	2,233,465.0	565,905.1	3,128.00				Average
		670	527	2,233,584.8	565,928.2	3,131.00				Average
		671	528	2,233,656.0	565,931.0	3,133.00				Average
		672	529	2,233,724.8	565,931.7	3,135.00				Average
		673	530	2,233,788.0	565,922.5	3,137.00				Average
		674	531	2,233,862.8	565,907.2	3,140.00				Average
		675	532	2,233,931.5	565,884.0	3,142.00				Average
		676	533	2,234,011.0	565,846.2	3,145.00				Average
		677	534	2,234,165.0	565,757.2	3,151.00				
WB US87 (Frontage to Ramps)out	12.5	786	535	2,234,283.0	565,736.3	3,155.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		787	536	2,234,120.5	565,834.3	3,149.00				Average	
		788	537	2,234,038.2	565,881.6	3,146.00				Average	
		789	538	2,233,979.5	565,911.7	3,144.00				Average	
		790	539	2,233,898.2	565,943.2	3,142.00				Average	
		791	540	2,233,822.5	565,960.7	3,139.00				Average	
		792	541	2,233,743.8	565,971.9	3,137.00				Average	
		793	542	2,233,689.8	565,976.1	3,135.00				Average	
		794	543	2,233,639.5	565,976.1	3,134.00				Average	
		795	544	2,233,573.5	565,974.0	3,132.00					
WB US87 (Frontage to Ramps)in	12.5	824	545	2,234,276.8	565,726.1	3,155.00				Average	
		825	546	2,234,114.2	565,824.0	3,149.00				Average	
		826	547	2,234,032.5	565,871.1	3,146.00				Average	
		827	548	2,233,974.5	565,900.7	3,144.00				Average	
		828	549	2,233,894.8	565,931.7	3,141.00				Average	
		829	550	2,233,820.5	565,948.9	3,139.00				Average	
		830	551	2,233,742.5	565,960.0	3,136.00				Average	
		831	552	2,233,689.5	565,964.1	3,135.00				Average	
		832	553	2,233,639.8	565,964.1	3,133.00				Average	
		833	554	2,233,575.0	565,962.0	3,132.00					
EB US87 (btn Ramps)out	12.5	632	555	2,234,158.8	565,746.9	3,151.00				Average	
		633	556	2,234,287.2	565,670.5	3,158.00				Average	Y
		634	557	2,234,600.2	565,481.7	3,163.00					
EB US87 (btn Ramps)in	12.5	677	558	2,234,165.0	565,757.2	3,151.00				Average	
		678	559	2,234,293.5	565,680.8	3,158.00				Average	Y
		679	560	2,234,606.8	565,491.9	3,163.00					
WB US87 (btn Ramps)out	12.5	783	561	2,234,712.8	565,478.0	3,166.00				Average	
		784	562	2,234,598.2	565,546.8	3,161.00				Average	Y
		785	563	2,234,372.0	565,682.2	3,157.00				Average	
		786	564	2,234,283.0	565,736.3	3,155.00					
WB US87 (btn Ramps)in	12.5	821	565	2,234,706.8	565,467.7	3,166.00				Average	
		822	566	2,234,592.0	565,536.5	3,161.00				Average	Y
		823	567	2,234,365.8	565,671.9	3,157.00				Average	
		824	568	2,234,276.8	565,726.1	3,155.00					
EB US87 (Ramps to Coburn)out	12.5	634	569	2,234,600.2	565,481.7	3,163.00				Average	
		635	570	2,234,669.0	565,437.2	3,167.00				Average	
		636	571	2,234,747.8	565,392.0	3,169.00				Average	
		637	572	2,234,811.0	565,355.0	3,172.00					
EB US87 (Ramps to Coburn)in	12.5	679	573	2,234,606.8	565,491.9	3,163.00				Average	
		680	574	2,234,675.5	565,447.4	3,166.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		681	575	2,234,753.8	565,402.4	3,169.00				Average
		682	576	2,234,816.8	565,365.7	3,171.00				
EB US87 (east of Coburn)out	12.5	637	577	2,234,811.0	565,355.0	3,172.00				Average
		638	578	2,234,883.0	565,322.2	3,174.00				Average
		639	579	2,234,964.8	565,290.8	3,175.00				Average
		640	580	2,235,047.2	565,267.7	3,177.00				Average
		641	581	2,235,141.5	565,250.2	3,178.00				Average
		642	582	2,235,206.0	565,246.0	3,178.00				Average
		643	583	2,235,304.5	565,244.0	3,178.00				Average
		644	584	2,235,388.5	565,253.8	3,178.00				Average
		645	585	2,235,481.5	565,272.6	3,178.00				Average
		646	586	2,235,575.0	565,301.3	3,176.00				Average
		647	587	2,235,659.0	565,338.3	3,173.00				Average
		648	588	2,235,740.0	565,380.9	3,170.00				Average
		649	589	2,235,822.5	565,436.9	3,167.00				Average
		650	590	2,235,906.2	565,512.3	3,163.00				Average
		651	591	2,235,961.5	565,571.6	3,160.00				
EB US87 (east of Coburn)in	12.5	682	592	2,234,816.8	565,365.7	3,171.00				Average
		683	593	2,234,887.8	565,333.3	3,173.00				Average
		684	594	2,234,968.5	565,302.2	3,175.00				Average
		685	595	2,235,050.0	565,279.4	3,176.00				Average
		686	596	2,235,143.0	565,262.2	3,178.00				Average
		687	597	2,235,206.5	565,258.0	3,178.00				Average
		688	598	2,235,304.0	565,256.0	3,178.00				Average
		689	599	2,235,386.5	565,265.6	3,178.00				Average
		690	600	2,235,478.5	565,284.3	3,177.00				Average
		691	601	2,235,570.8	565,312.5	3,175.00				Average
		692	602	2,235,653.5	565,349.1	3,172.00				Average
		693	603	2,235,733.8	565,391.2	3,169.00				Average
		694	604	2,235,815.0	565,446.4	3,166.00				Average
		695	605	2,235,898.0	565,520.9	3,162.00				Average
		696	606	2,235,952.5	565,579.7	3,160.00				
EB US87 (east of Coburn)	12.5	696	607	2,235,952.5	565,579.7	3,160.00				Average
		697	608	2,235,987.8	565,619.6	3,158.00				Average
		698	609	2,236,185.0	565,841.8	3,154.00				Average
		699	610	2,236,392.8	566,073.8	3,148.00				Average
		700	611	2,236,567.8	566,271.7	3,144.00				Average
		701	612	2,236,687.8	566,405.6	3,144.00				Average
		702	613	2,236,752.0	566,472.7	3,142.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		703	614	2,236,800.5	566,517.0	3,142.00				Average	
		704	615	2,236,837.8	566,550.1	3,142.00				Average	
		705	616	2,236,898.5	566,592.8	3,140.00				Average	
		706	617	2,236,944.5	566,619.7	3,140.00				Average	
		707	618	2,236,996.2	566,645.9	3,140.00				Average	
		708	619	2,237,106.5	566,693.7	3,140.00				Average	
		709	620	2,237,493.5	566,847.9	3,142.00				Average	
		710	621	2,237,609.8	566,904.3	3,142.00				Average	
		711	622	2,237,734.2	566,970.4	3,140.00				Average	
		712	623	2,237,869.0	567,052.5	3,142.00				Average	
		713	624	2,238,342.8	567,344.9	3,140.00				Average	
		714	625	2,238,679.5	567,552.5	3,138.00				Average	
		715	626	2,239,082.5	567,800.4	3,138.00				Average	
		716	627	2,239,484.5	568,055.3	3,140.00				Average	
		717	628	2,239,801.8	568,257.4	3,140.00				Average	
		718	629	2,240,052.5	568,415.0	3,138.00				Average	
		719	630	2,240,505.2	568,701.8	3,136.00				Average	
		720	631	2,240,967.0	568,994.2	3,136.00				Average	
		721	632	2,241,429.5	569,289.3	3,134.00				Average	
		722	633	2,241,873.2	569,570.6	3,134.00				Average	
		723	634	2,242,315.0	569,847.0	3,136.00				Average	
		724	635	2,242,729.5	570,111.6	3,132.00				Average	
		725	636	2,243,150.5	570,375.4	3,134.00				Average	
		726	637	2,243,644.2	570,687.9	3,140.00				Average	
		727	638	2,244,104.5	570,979.6	3,144.00				Average	
		728	639	2,244,250.2	571,064.9	3,146.00				Average	
		729	640	2,244,372.2	571,131.5	3,146.00				Average	
		730	641	2,244,543.0	571,219.6	3,146.00				Average	
		731	642	2,244,727.8	571,313.4	3,144.00				Average	
		732	643	2,245,287.0	571,610.6	3,142.00					
WB US87 (east of Coburn)	12.5	733	644	2,245,281.2	571,621.2	3,142.00				Average	
		734	645	2,244,722.2	571,324.0	3,144.00				Average	
		735	646	2,244,537.5	571,230.3	3,146.00				Average	
		736	647	2,244,366.5	571,142.1	3,146.00				Average	
		737	648	2,244,244.2	571,075.3	3,146.00				Average	
		738	649	2,244,098.2	570,989.8	3,142.00				Average	
		739	650	2,243,637.8	570,698.1	3,138.00				Average	
		740	651	2,243,144.0	570,385.6	3,132.00				Average	
		741	652	2,242,723.2	570,121.7	3,132.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		742	653	2,242,308.5	569,857.1	3,136.00				Average	
		743	654	2,241,867.0	569,580.7	3,134.00				Average	
		744	655	2,241,423.2	569,299.5	3,134.00				Average	
		745	656	2,240,960.8	569,004.3	3,136.00				Average	
		746	657	2,240,499.0	568,712.0	3,136.00				Average	
		747	658	2,240,046.0	568,425.2	3,138.00				Average	
		748	659	2,239,795.5	568,267.5	3,140.00				Average	
		749	660	2,239,478.0	568,065.4	3,140.00				Average	
		750	661	2,239,076.0	567,810.6	3,138.00				Average	
		751	662	2,238,673.2	567,562.7	3,138.00				Average	
		752	663	2,238,336.5	567,355.1	3,140.00				Average	
		753	664	2,237,862.8	567,062.7	3,142.00				Average	
		754	665	2,237,728.2	566,980.9	3,140.00				Average	
		755	666	2,237,604.2	566,915.0	3,142.00				Average	
		756	667	2,237,488.5	566,858.9	3,142.00				Average	
		757	668	2,237,102.0	566,704.8	3,140.00				Average	
		758	669	2,236,991.2	566,656.8	3,140.00				Average	
		759	670	2,236,938.8	566,630.2	3,140.00				Average	
		760	671	2,236,892.0	566,602.9	3,140.00				Average	
		761	672	2,236,830.2	566,559.5	3,140.00				Average	
		762	673	2,236,792.5	566,525.9	3,142.00				Average	
		763	674	2,236,743.8	566,481.3	3,142.00				Average	
		764	675	2,236,679.0	566,413.8	3,142.00				Average	
		765	676	2,236,558.8	566,279.6	3,144.00				Average	
		766	677	2,236,383.8	566,081.7	3,148.00				Average	
		767	678	2,236,176.0	565,849.8	3,154.00				Average	
		768	679	2,235,979.0	565,627.6	3,158.00				Average	
		769	680	2,235,941.8	565,586.8	3,159.00				Average	
		770	681	2,235,841.8	565,488.2	3,163.00				Average	
		771	682	2,235,765.2	565,429.8	3,167.00				Average	
		772	683	2,235,667.5	565,372.2	3,170.00				Average	
		773	684	2,235,566.8	565,327.7	3,174.00				Average	
		774	685	2,235,487.5	565,302.7	3,175.00				Average	
		775	686	2,235,407.5	565,285.4	3,177.00					
WB US87 (east of Coburn)out	12.5	775	687	2,235,407.5	565,285.4	3,177.00				Average	
		776	688	2,235,349.8	565,285.1	3,178.00				Average	
		777	689	2,235,281.2	565,282.4	3,178.00				Average	
		778	690	2,235,205.5	565,285.8	3,177.00				Average	
		779	691	2,235,115.8	565,297.5	3,177.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		780	692	2,235,013.5	565,322.4	3,175.00				Average
		781	693	2,234,948.2	565,347.1	3,174.00				Average
		782	694	2,234,866.8	565,386.5	3,171.00				
WB US87 (east of Coburn)in	12.5	814	695	2,235,350.2	565,273.1	3,178.00				Average
		815	696	2,235,281.2	565,270.3	3,178.00				Average
		816	697	2,235,204.2	565,273.8	3,178.00				Average
		817	698	2,235,113.5	565,285.7	3,177.00				Average
		818	699	2,235,010.0	565,310.9	3,175.00				Average
		819	700	2,234,943.5	565,336.1	3,174.00				Average
		820	701	2,234,861.0	565,375.9	3,172.00				
WB US87 (Coburn to Ramps)out	12.5	782	702	2,234,866.8	565,386.5	3,171.00				Average
		783	703	2,234,712.8	565,478.0	3,166.00				
WB US87 (Coburn to Ramps)in	12.5	820	704	2,234,861.0	565,375.9	3,172.00				Average
		821	705	2,234,706.8	565,467.7	3,166.00				
NB Lockwood (N of US87)	12.5	965	706	2,233,523.0	565,983.1	3,131.00				Average
		966	707	2,233,536.2	566,035.5	3,132.00				Average
		967	708	2,233,553.5	566,081.1	3,132.00				Average
		968	709	2,233,580.0	566,116.5	3,132.00				Average
		969	710	2,233,611.0	566,142.1	3,130.00				Average
		970	711	2,233,653.5	566,175.8	3,130.00				Average
		971	712	2,233,719.5	566,221.3	3,128.00				Average
		972	713	2,233,789.5	566,271.2	3,126.00				Average
		973	714	2,233,955.0	566,377.3	3,118.00				Average
		974	715	2,234,263.2	566,581.2	3,106.00				Average
		975	716	2,234,640.5	566,827.3	3,108.00				Average
		976	717	2,235,109.5	567,145.7	3,110.00				
SB Lockwood (N of US87)	12.5	953	718	2,235,102.8	567,155.6	3,110.00				Average
		954	719	2,234,634.0	566,837.3	3,108.00				Average
		955	720	2,234,256.8	566,591.2	3,106.00				Average
		956	721	2,233,948.5	566,387.3	3,118.00				Average
		957	722	2,233,782.8	566,281.2	3,126.00				Average
		958	723	2,233,712.8	566,231.1	3,128.00				Average
		959	724	2,233,646.5	566,185.5	3,130.00				Average
		960	725	2,233,603.5	566,151.4	3,130.00				Average
		961	726	2,233,571.2	566,124.8	3,132.00				Average
		962	727	2,233,543.0	566,086.9	3,132.00				Average
		963	728	2,233,524.8	566,039.1	3,132.00				Average
		964	729	2,233,511.5	565,986.0	3,131.00				
WB FrontageRd (E of Lockwood)	12.5	1031	730	2,245,225.0	573,089.7	3,128.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		1032	731	2,245,176.8	573,072.9	3,128.00				Average	
		1033	732	2,245,134.5	573,051.8	3,128.00				Average	
		1034	733	2,245,089.8	573,024.5	3,128.00				Average	
		1035	734	2,245,032.5	572,987.5	3,128.00				Average	
		1036	735	2,244,973.8	572,940.7	3,126.00				Average	
		1037	736	2,244,922.0	572,896.7	3,124.00				Average	
		1038	737	2,244,870.5	572,843.1	3,124.00				Average	
		1039	738	2,244,830.8	572,801.8	3,122.00				Average	
		1040	739	2,244,793.5	572,751.4	3,120.00				Average	
		1041	740	2,244,717.8	572,640.1	3,122.00				Average	
		1042	741	2,244,540.8	572,370.7	3,126.00				Average	
		1043	742	2,244,247.8	571,936.8	3,132.00				Average	
		1044	743	2,244,184.8	571,851.5	3,132.00				Average	
		1045	744	2,244,125.0	571,774.7	3,134.00				Average	
		1046	745	2,244,033.0	571,673.6	3,134.00				Average	
		1047	746	2,243,932.0	571,572.5	3,136.00				Average	
		1048	747	2,243,856.5	571,508.1	3,136.00				Average	
		1049	748	2,243,475.5	571,218.0	3,134.00				Average	
		1050	749	2,242,951.0	570,820.8	3,130.00				Average	
		1051	750	2,242,464.2	570,451.3	3,132.00				Average	
		1052	751	2,242,172.5	570,227.7	3,132.00				Average	
		1053	752	2,241,913.0	570,031.2	3,126.00				Average	
		1054	753	2,241,731.8	569,898.0	3,126.00				Average	
		1055	754	2,241,532.8	569,765.5	3,128.00				Average	
		1056	755	2,241,374.0	569,668.4	3,128.00				Average	
		1057	756	2,241,199.0	569,569.9	3,128.00				Average	
		1058	757	2,241,034.0	569,483.2	3,130.00				Average	
		1059	758	2,240,698.0	569,324.2	3,128.00				Average	
		1060	759	2,240,357.0	569,165.2	3,128.00				Average	
		1061	760	2,239,918.0	568,959.6	3,128.00				Average	
		1062	761	2,239,709.8	568,858.8	3,128.00				Average	
		1063	762	2,239,572.0	568,786.5	3,130.00				Average	
		1064	763	2,239,418.5	568,699.7	3,130.00				Average	
		1065	764	2,239,212.8	568,580.2	3,132.00				Average	
		1066	765	2,238,479.5	568,147.5	3,126.00				Average	
		1067	766	2,237,777.5	567,734.3	3,136.00				Average	
		1068	767	2,237,117.8	567,346.2	3,134.00				Average	
		1069	768	2,236,647.5	567,078.2	3,126.00				Average	
		1070	769	2,236,178.8	566,819.8	3,122.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		1071	770	2,235,912.0	566,662.8	3,122.00				Average	
		1072	771	2,235,579.5	566,464.2	3,128.00				Average	
		1073	772	2,235,508.2	566,425.5	3,128.00				Average	
		1074	773	2,235,457.2	566,402.1	3,130.00				Average	
		1075	774	2,235,412.0	566,384.9	3,128.00				Average	
		1076	775	2,235,367.2	566,373.9	3,128.00				Average	
		1077	776	2,235,311.5	566,363.6	3,128.00				Average	
		1078	777	2,235,249.5	566,358.1	3,128.00				Average	
		1079	778	2,235,179.8	566,357.4	3,126.00				Average	
		1080	779	2,234,573.5	566,362.9	3,116.00				Average	
		1081	780	2,234,445.5	566,362.3	3,114.00				Average	
		1082	781	2,234,135.2	566,346.3	3,116.00				Average	
		1083	782	2,234,068.5	566,349.0	3,116.00				Average	
		1084	783	2,233,949.8	566,362.2	3,118.00					
EB FrontageRd (E of Lockwood)	12.5	977	784	2,233,948.5	566,350.3	3,118.00				Average	
		978	785	2,234,067.5	566,337.1	3,116.00				Average	
		979	786	2,234,135.2	566,334.3	3,116.00				Average	
		980	787	2,234,446.0	566,350.3	3,116.00				Average	
		981	788	2,234,573.5	566,350.9	3,116.00				Average	
		982	789	2,235,179.8	566,345.4	3,126.00				Average	
		983	790	2,235,250.2	566,346.1	3,128.00				Average	
		984	791	2,235,313.2	566,351.7	3,128.00				Average	
		985	792	2,235,370.0	566,362.2	3,130.00				Average	
		986	793	2,235,415.5	566,373.4	3,130.00				Average	
		987	794	2,235,462.0	566,391.0	3,130.00				Average	
		988	795	2,235,513.8	566,414.8	3,130.00				Average	
		989	796	2,235,585.5	566,453.8	3,128.00				Average	
		990	797	2,235,918.2	566,652.5	3,122.00				Average	
		991	798	2,236,184.8	566,809.4	3,122.00				Average	
		992	799	2,236,653.5	567,067.7	3,126.00				Average	
		993	800	2,237,123.8	567,335.8	3,134.00				Average	
		994	801	2,237,783.5	567,724.0	3,136.00				Average	
		995	802	2,238,485.5	568,137.2	3,126.00				Average	
		996	803	2,239,219.0	568,569.8	3,132.00				Average	
		997	804	2,239,424.5	568,689.2	3,130.00				Average	
		998	805	2,239,577.8	568,776.0	3,130.00				Average	
		999	806	2,239,715.0	568,848.1	3,130.00				Average	
		1000	807	2,239,923.2	568,948.8	3,128.00				Average	
		1001	808	2,240,362.0	569,154.3	3,128.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		1002	809	2,240,703.0	569,313.3	3,128.00				Average	
		1003	810	2,241,039.2	569,472.4	3,130.00				Average	
		1004	811	2,241,204.8	569,559.3	3,130.00				Average	
		1005	812	2,241,380.0	569,658.0	3,128.00				Average	
		1006	813	2,241,539.2	569,755.4	3,128.00				Average	
		1007	814	2,241,738.8	569,888.1	3,126.00				Average	
		1008	815	2,241,920.0	570,021.6	3,126.00				Average	
		1009	816	2,242,180.0	570,218.1	3,134.00				Average	
		1010	817	2,242,471.5	570,441.8	3,132.00				Average	
		1011	818	2,242,958.5	570,811.2	3,130.00				Average	
		1012	819	2,243,482.8	571,208.4	3,134.00				Average	
		1013	820	2,243,864.0	571,498.8	3,136.00				Average	
		1014	821	2,243,940.0	571,563.6	3,136.00				Average	
		1015	822	2,244,041.8	571,665.3	3,136.00				Average	
		1016	823	2,244,134.2	571,767.0	3,134.00				Average	
		1017	824	2,244,194.2	571,844.3	3,132.00				Average	
		1018	825	2,244,257.5	571,929.9	3,132.00				Average	
		1019	826	2,244,550.8	572,364.0	3,126.00				Average	
		1020	827	2,244,727.8	572,633.5	3,122.00				Average	
		1021	828	2,244,803.5	572,744.5	3,120.00				Average	
		1022	829	2,244,840.0	572,794.0	3,122.00				Average	
		1023	830	2,244,879.2	572,834.7	3,124.00				Average	
		1024	831	2,244,930.5	572,888.0	3,126.00				Average	
		1025	832	2,244,981.5	572,931.5	3,126.00				Average	
		1026	833	2,245,039.5	572,977.8	3,128.00				Average	
		1027	834	2,245,096.0	573,014.4	3,128.00				Average	
		1028	835	2,245,140.2	573,041.3	3,128.00				Average	
		1029	836	2,245,181.5	573,061.8	3,128.00				Average	
		1030	837	2,245,229.0	573,078.4	3,128.00				Average	
SB Coburn	12.5	941	838	2,234,844.5	565,323.3	3,173.00				Average	
		942	839	2,234,830.5	565,278.5	3,166.00				Average	
		943	840	2,234,821.0	565,232.9	3,168.00				Average	
		944	841	2,234,817.0	565,201.2	3,170.00				Average	
		945	842	2,234,815.0	565,164.6	3,172.00				Average	
		946	843	2,234,816.2	565,099.7	3,176.00				Average	
		947	844	2,234,821.5	564,900.1	3,190.00				Average	
		948	845	2,234,828.0	564,633.1	3,216.00				Average	
		949	846	2,234,833.8	564,352.6	3,250.00				Average	
		950	847	2,234,840.8	564,072.2	3,282.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		951	848	2,234,846.5	563,801.0	3,302.00				Average
		952	849	2,234,854.5	563,522.2	3,308.00				
NB Coburn	12.5	929	850	2,234,866.5	563,522.5	3,308.00				Average
		930	851	2,234,858.5	563,801.3	3,300.00				Average
		931	852	2,234,852.8	564,072.5	3,280.00				Average
		932	853	2,234,845.8	564,352.9	3,250.00				Average
		933	854	2,234,840.0	564,633.3	3,216.00				Average
		934	855	2,234,833.5	564,900.4	3,190.00				Average
		935	856	2,234,828.2	565,100.0	3,176.00				Average
		936	857	2,234,827.0	565,164.3	3,172.00				Average
		937	858	2,234,829.0	565,200.2	3,170.00				Average
		938	859	2,234,832.8	565,231.0	3,168.00				Average
		939	860	2,234,842.2	565,275.4	3,166.00				Average
		940	861	2,234,855.8	565,319.8	3,173.00				
EB Rosebud Lane	10.5	918	862	2,234,842.0	565,064.8	3,178.00				Average
		919	863	2,235,150.2	565,063.5	3,180.00				Average
		920	864	2,235,365.0	565,060.7	3,180.00				Average
		921	865	2,235,912.0	565,050.3	3,180.00				Average
		922	866	2,236,126.0	565,044.0	3,186.00				Average
		923	867	2,236,213.2	565,041.9	3,186.00				Average
		924	868	2,236,317.5	565,034.3	3,186.00				Average
		925	869	2,236,395.2	565,028.0	3,186.00				Average
		926	870	2,236,514.2	565,027.3	3,182.00				Average
		927	871	2,237,093.5	565,024.6	3,172.00				Average
		928	872	2,237,533.0	565,027.3	3,178.00				
WB Rosebud Lane	10.5	907	875	2,237,533.0	565,037.3	3,178.00				Average
		908	876	2,237,093.5	565,034.6	3,172.00				Average
		909	877	2,236,514.2	565,037.3	3,182.00				Average
		910	878	2,236,395.8	565,038.0	3,186.00				Average
		911	879	2,236,318.0	565,044.3	3,186.00				Average
		912	880	2,236,213.8	565,051.9	3,186.00				Average
		913	881	2,236,126.2	565,054.0	3,186.00				Average
		914	882	2,235,912.2	565,060.3	3,180.00				Average
		915	883	2,235,365.0	565,070.7	3,180.00				Average
		916	884	2,235,150.5	565,073.5	3,180.00				Average
		917	885	2,234,842.0	565,074.8	3,178.00				
EB HardinRd (E of JohnsonLn)	12.5	852	886	2,245,370.0	571,650.3	3,142.00				Average
		853	887	2,246,068.5	572,085.2	3,148.00				Average
		854	888	2,246,427.2	572,319.5	3,144.00				

INPUT: ROADWAYS

Lockwood Interchange

WB HardinRd (E of JohnsonLn)	12.5	855	889	2,246,419.2	572,325.6	3,144.00				Average
		856	890	2,245,640.8	571,845.6	3,142.00				Average
		857	891	2,245,428.0	571,719.7	3,142.00				
WB FrontageRd (E of JohnsonLn)	12.5	1096	892	2,245,320.0	573,110.6	3,128.00				Average
		1097	893	2,245,424.5	573,141.4	3,128.00				Average
		1098	894	2,245,547.0	573,179.4	3,128.00				Average
		1099	895	2,245,675.5	573,229.6	3,128.00				Average
		1100	896	2,245,760.2	573,272.7	3,126.00				Average
		1101	897	2,245,887.8	573,342.2	3,124.00				Average
		1102	898	2,246,009.0	573,418.9	3,122.00				Average
		1103	899	2,246,109.5	573,494.3	3,124.00				Average
		1104	900	2,246,207.5	573,581.8	3,126.00				Average
		1105	901	2,246,470.0	573,827.1	3,130.00				Average
		1106	902	2,246,631.8	573,979.4	3,128.00				
EB FrontageRd (E of JohnsonLn)	12.5	1085	903	2,246,623.5	573,988.1	3,128.00				Average
		1086	904	2,246,462.0	573,835.8	3,130.00				Average
		1087	905	2,246,199.5	573,590.6	3,126.00				Average
		1088	906	2,246,101.8	573,503.6	3,124.00				Average
		1089	907	2,246,002.0	573,428.8	3,122.00				Average
		1090	908	2,245,881.5	573,352.5	3,124.00				Average
		1091	909	2,245,754.5	573,283.3	3,124.00				Average
		1092	910	2,245,670.5	573,240.6	3,128.00				Average
		1093	911	2,245,543.0	573,190.7	3,128.00				Average
		1094	912	2,245,421.0	573,152.9	3,128.00				Average
		1095	913	2,245,316.5	573,122.1	3,128.00				
SB JohnsonLn (N of Frontage)	12.5	861	914	2,245,260.8	574,343.6	3,094.00				Average
		862	915	2,245,277.5	574,216.5	3,098.00				Average
		863	916	2,245,278.2	574,088.7	3,096.00				Average
		864	917	2,245,272.5	573,956.2	3,098.00				Average
		865	918	2,245,270.8	573,731.0	3,102.00				Average
		866	919	2,245,275.2	573,470.9	3,108.00				Average
		867	920	2,245,281.5	573,228.8	3,124.00				Average
		868	921	2,245,283.8	573,122.7	3,128.00				
NB JohnsonLn (N of Frontage)	12.5	873	922	2,245,295.8	573,122.7	3,128.00				Average
		874	923	2,245,293.5	573,229.1	3,124.00				Average
		875	924	2,245,287.2	573,471.2	3,108.00				Average
		876	925	2,245,282.8	573,731.1	3,102.00				Average
		877	926	2,245,284.5	573,955.9	3,098.00				Average
		878	927	2,245,290.2	574,088.4	3,096.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		879	928	2,245,289.5	574,217.3	3,096.00				Average
		880	929	2,245,272.8	574,345.2	3,094.00				
SB JohnsonLn (Frontage to Ramps)	12.5	868	930	2,245,283.8	573,122.7	3,128.00				Average
		869	931	2,245,280.8	573,007.6	3,130.00				Average
		870	932	2,245,287.0	572,889.5	3,134.00				
NB JohnsonLn (Frontage to Ramps)	12.5	871	933	2,245,299.0	572,890.1	3,134.00				Average
		872	934	2,245,292.8	573,007.8	3,130.00				Average
		873	935	2,245,295.8	573,122.7	3,128.00				
SB JohnsonLn (btn Ramps)	12.5	870	936	2,245,287.0	572,889.5	3,134.00				Average
		881	937	2,245,281.8	572,843.1	3,136.00				Average
		882	938	2,245,288.0	572,641.9	3,140.00				Average
		883	939	2,245,293.8	572,415.6	3,140.00				Average
		884	940	2,245,294.2	572,182.7	3,140.00				Average
		889	941	2,245,309.8	572,106.3	3,138.00				
NB JohnsonLn (btn Ramps)	12.5	906	942	2,245,321.8	572,106.5	3,140.00				Average
		885	943	2,245,323.0	572,184.4	3,140.00				Average
		886	944	2,245,312.5	572,426.5	3,140.00				Average
		887	945	2,245,310.0	572,664.4	3,140.00				Average
		888	946	2,245,305.5	572,844.8	3,136.00				Average
		871	947	2,245,299.0	572,890.1	3,134.00				
SB JohnsonLn (Ramps to Hardin)	12.5	889	950	2,245,309.8	572,106.3	3,138.00				Average
		890	951	2,245,315.5	571,820.1	3,140.00				Average
		891	952	2,245,319.2	571,679.0	3,142.00				
NB JohnsonLn (Ramps to Hardin)	12.5	904	953	2,245,331.2	571,679.3	3,142.00				Average
		905	954	2,245,327.5	571,820.4	3,140.00				Average
		906	955	2,245,321.8	572,106.5	3,140.00				
SB JohnsonLn (S of Hardin)	12.5	891	956	2,245,319.2	571,679.0	3,142.00				Average
		892	957	2,245,321.5	571,514.1	3,144.00				Average
		893	958	2,245,322.5	571,295.2	3,148.00				Average
		894	959	2,245,331.5	570,965.1	3,152.00				Average
		895	960	2,245,341.0	570,605.7	3,160.00				Average
		896	961	2,245,348.8	570,239.0	3,166.00				Average
		897	962	2,245,358.8	569,894.0	3,170.00				
NB JohnsonLn (S of Hardin)	12.5	898	963	2,245,370.8	569,894.3	3,170.00				Average
		899	964	2,245,360.8	570,239.3	3,166.00				Average
		900	965	2,245,353.0	570,606.0	3,160.00				Average
		901	966	2,245,343.5	570,965.4	3,152.00				Average
		902	967	2,245,334.5	571,295.4	3,148.00				Average
		903	968	2,245,333.5	571,514.2	3,144.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		904	969	2,245,331.2	571,679.3	3,142.00				
Shoulder1	12.5	299	970	2,231,260.0	564,351.9	3,140.00				Average
		300	971	2,231,436.5	564,414.1	3,142.00				Average
		301	972	2,231,603.0	564,473.1	3,146.00				Average
		302	973	2,231,797.5	564,542.7	3,150.00				Average
		303	974	2,231,975.2	564,605.3	3,154.00				Average
		304	975	2,232,151.2	564,667.8	3,158.00				Average
		305	976	2,232,310.0	564,724.5	3,160.00				Average
		306	977	2,232,560.2	564,813.7	3,166.00				Average
		307	978	2,232,804.8	564,900.4	3,168.00				Average
		308	979	2,232,971.0	564,958.8	3,169.00				Average
		309	980	2,233,148.0	565,021.3	3,168.00				Average
		310	981	2,233,324.0	565,084.1	3,165.00				Average
		330	982	2,233,360.2	565,094.8	3,164.00				
Shoulder2	9.5	330	983	2,233,360.2	565,094.8	3,164.00				Average
		331	984	2,233,564.5	565,149.9	3,160.00				Average
		332	985	2,233,731.0	565,193.6	3,154.00				Average
		333	986	2,233,838.0	565,219.4	3,152.00				Average
		334	987	2,233,931.0	565,235.6	3,151.00				Average
		335	988	2,234,024.2	565,246.4	3,151.00				Average
		336	989	2,234,080.5	565,252.3	3,152.00				Average
		337	990	2,234,201.5	565,266.9	3,154.00				Average
		338	991	2,234,266.2	565,276.5	3,156.00				Average
		339	992	2,234,331.8	565,290.3	3,158.00				Average
		340	993	2,234,388.2	565,305.4	3,160.00				Average
		341	994	2,234,436.5	565,320.8	3,164.00				Average
		342	995	2,234,495.5	565,342.6	3,166.00				Average
		343	996	2,234,631.5	565,406.0	3,166.00				
Shoulder3	9.5	352	997	2,234,728.8	565,488.8	3,166.00				Average
		353	998	2,234,852.0	565,595.4	3,163.00				Average
		354	999	2,234,999.5	565,715.8	3,156.00				Average
		355	1000	2,235,219.2	565,893.3	3,145.00				Average
		356	1001	2,235,395.0	566,038.7	3,139.00				Average
		357	1002	2,235,509.0	566,128.7	3,136.00				Average
		358	1003	2,235,582.8	566,184.8	3,135.00				Average
		359	1004	2,235,640.5	566,226.1	3,135.00				
Shoulder4	8.5	558	1005	2,235,502.0	566,293.1	3,135.00				Average
		570	1006	2,235,399.2	566,239.7	3,135.00				Average
		571	1007	2,235,200.0	566,143.1	3,134.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		572	1008	2,235,067.2	566,082.0	3,134.00			Average	
		573	1009	2,234,958.0	566,034.8	3,136.00			Average	
		574	1010	2,234,838.8	565,993.2	3,140.00			Average	
		575	1011	2,234,697.8	565,951.1	3,145.00			Average	
		576	1012	2,234,521.0	565,903.8	3,150.00			Average	
		577	1013	2,234,451.0	565,882.7	3,153.00			Average	
		578	1014	2,234,387.5	565,859.8	3,154.00			Average	
		579	1015	2,234,318.5	565,833.1	3,154.00			Average	
		580	1016	2,234,226.0	565,793.7	3,153.00				
Shoulder5	8.5	591	1017	2,234,146.5	565,736.2	3,151.00			Average	
		592	1018	2,234,050.0	565,641.8	3,146.00			Average	
		593	1019	2,233,899.0	565,514.7	3,145.00			Average	
		594	1020	2,233,830.2	565,458.7	3,146.00			Average	
		595	1021	2,233,772.5	565,416.1	3,148.00			Average	
		596	1022	2,233,706.2	565,372.9	3,150.00			Average	
		597	1023	2,233,642.0	565,338.6	3,152.00			Average	
		598	1024	2,233,567.8	565,305.4	3,155.00			Average	
		599	1025	2,233,480.8	565,272.6	3,157.00			Average	
		600	1026	2,233,327.5	565,215.4	3,161.00				
Shoulder6	11.5	359	1027	2,235,640.5	566,226.1	3,135.00			Average	
		360	1028	2,235,665.8	566,240.7	3,135.00			Average	
		361	1029	2,235,963.2	566,424.4	3,135.00			Average	
		362	1030	2,236,215.8	566,579.0	3,137.00			Average	
		363	1031	2,236,432.2	566,711.9	3,138.00			Average	
		364	1032	2,236,754.8	566,902.7	3,139.00			Average	
		365	1033	2,237,079.0	567,093.9	3,140.00			Average	
		366	1034	2,237,361.5	567,258.5	3,140.00			Average	
		367	1035	2,237,656.0	567,432.7	3,141.00			Average	
		368	1036	2,237,928.5	567,592.3	3,142.00			Average	
		369	1037	2,238,236.0	567,773.1	3,142.00			Average	
		370	1038	2,238,564.0	567,966.4	3,143.00			Average	
		371	1039	2,238,895.5	568,161.4	3,143.00			Average	
		372	1040	2,239,193.5	568,336.8	3,142.00			Average	
		373	1041	2,239,518.0	568,526.0	3,141.00			Average	
		374	1042	2,239,633.0	568,591.4	3,140.00			Average	
		375	1043	2,239,738.2	568,648.4	3,139.00			Average	
		376	1044	2,239,839.0	568,700.0	3,139.00			Average	
		377	1045	2,239,974.0	568,763.7	3,139.00			Average	
		378	1046	2,240,119.0	568,832.0	3,139.00			Average	

INPUT: ROADWAYS

Lockwood Interchange

		379	1047	2,240,354.8	568,942.9	3,138.00				Average	
		380	1048	2,240,636.0	569,074.9	3,137.00				Average	
		381	1049	2,240,960.2	569,225.4	3,137.00				Average	
		382	1050	2,241,183.2	569,335.0	3,137.00				Average	
		383	1051	2,241,294.2	569,393.8	3,138.00				Average	
		384	1052	2,241,441.8	569,476.4	3,138.00				Average	
		385	1053	2,241,556.0	569,546.1	3,138.00				Average	
		386	1054	2,241,703.8	569,639.5	3,138.00				Average	
		387	1055	2,241,855.0	569,741.7	3,139.00				Average	
		388	1056	2,242,039.0	569,876.4	3,139.00				Average	
		389	1057	2,242,172.5	569,978.9	3,138.00				Average	
		390	1058	2,242,318.2	570,088.4	3,138.00				Average	
		391	1059	2,242,506.5	570,231.8	3,137.00				Average	
		392	1060	2,242,820.2	570,469.7	3,136.00				Average	
		393	1061	2,243,010.2	570,614.3	3,136.00				Average	
		394	1062	2,243,167.8	570,734.3	3,136.00				Average	
		395	1063	2,243,368.5	570,886.4	3,137.00				Average	
		396	1064	2,243,619.5	571,076.8	3,139.00				Average	
		397	1065	2,243,870.8	571,267.2	3,141.00				Average	
		398	1066	2,243,988.0	571,356.6	3,142.00				Average	
		399	1067	2,244,052.5	571,397.3	3,140.00					
Shoulder7	11.5	399	1070	2,244,052.5	571,397.3	3,140.00				Average	
		400	1071	2,244,134.0	571,448.6	3,140.00				Average	
		401	1072	2,244,243.0	571,519.0	3,140.00				Average	
		402	1073	2,244,348.0	571,585.3	3,138.00				Average	
		403	1074	2,244,448.2	571,651.1	3,138.00				Average	
		404	1075	2,244,576.0	571,733.1	3,138.00				Average	
		405	1076	2,244,656.8	571,780.1	3,136.00				Average	
		406	1077	2,244,727.2	571,817.6	3,136.00				Average	
		407	1078	2,244,868.5	571,901.0	3,136.00				Average	
		408	1079	2,244,958.2	571,952.1	3,136.00				Average	
		409	1080	2,245,059.8	572,002.4	3,136.00				Average	
		410	1081	2,245,179.5	572,052.3	3,136.00					
Shoulder8	11.5	446	1082	2,245,381.8	572,139.6	3,140.00				Average	
		447	1083	2,245,443.2	572,182.7	3,142.00				Average	
		448	1084	2,245,513.8	572,246.8	3,144.00				Average	
		449	1085	2,245,565.2	572,298.7	3,144.00				Average	
		450	1086	2,245,626.5	572,373.0	3,146.00				Average	
		451	1087	2,245,678.0	572,456.8	3,146.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		452	1088	2,245,736.5	572,573.7	3,142.00				Average
		453	1089	2,245,844.2	572,788.6	3,138.00				Average
		454	1090	2,245,911.0	572,905.4	3,136.00				Average
		455	1091	2,245,979.5	573,011.8	3,132.00				Average
		456	1092	2,246,035.5	573,090.0	3,130.00				Average
		457	1093	2,246,095.5	573,166.8	3,126.00				Average
		458	1094	2,246,197.8	573,282.9	3,126.00				Average
		459	1095	2,246,263.8	573,351.1	3,126.00				Average
		460	1096	2,246,335.5	573,423.1	3,128.00				Average
		461	1097	2,246,436.5	573,519.7	3,130.00				
Shoulder9	11.5	479	1098	2,246,233.8	573,507.1	3,126.00				Average
		480	1099	2,246,094.8	573,396.5	3,122.00				Average
		481	1100	2,245,977.5	573,303.2	3,124.00				Average
		482	1101	2,245,846.5	573,199.3	3,128.00				Average
		483	1102	2,245,751.5	573,122.1	3,130.00				Average
		484	1103	2,245,702.2	573,085.6	3,130.00				Average
		485	1104	2,245,626.2	573,036.3	3,132.00				Average
		486	1105	2,245,606.5	573,021.7	3,132.00				Average
		487	1106	2,245,519.0	572,972.3	3,134.00				Average
		488	1107	2,245,459.2	572,944.7	3,134.00				Average
		489	1108	2,245,356.5	572,900.2	3,134.00				
Shoulder10	11.5	513	1109	2,245,227.2	572,851.8	3,134.00				Average
		514	1110	2,245,115.8	572,807.2	3,130.00				Average
		515	1111	2,245,040.2	572,762.4	3,128.00				Average
		516	1112	2,244,964.8	572,706.5	3,124.00				Average
		517	1113	2,244,903.2	572,651.1	3,122.00				Average
		518	1114	2,244,844.5	572,584.0	3,122.00				Average
		519	1115	2,244,786.5	572,503.7	3,124.00				Average
		520	1116	2,244,622.5	572,259.2	3,128.00				Average
		521	1117	2,244,488.8	572,058.6	3,130.00				Average
		522	1118	2,244,412.8	571,947.6	3,132.00				Average
		523	1119	2,244,374.5	571,896.7	3,132.00				Average
		524	1120	2,244,321.8	571,830.8	3,134.00				Average
		525	1121	2,244,262.0	571,763.2	3,134.00				Average
		526	1122	2,244,180.5	571,681.7	3,136.00				Average
		527	1123	2,244,074.0	571,584.2	3,136.00				Average
		528	1124	2,244,004.8	571,529.9	3,138.00				Average
		529	1125	2,243,785.5	571,354.3	3,136.00				
Shoulder11	11.5	466	1126	2,246,630.8	573,870.0	3,130.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		467	1127	2,246,280.0	573,540.5	3,126.00				Average
		479	1128	2,246,233.8	573,507.1	3,126.00				
Shoulder12	11.5	529	1129	2,243,785.5	571,354.3	3,136.00				Average
		530	1130	2,243,707.5	571,293.7	3,136.00				Average
		531	1131	2,243,418.8	571,064.9	3,138.00				Average
		532	1132	2,243,131.0	570,842.1	3,136.00				Average
		533	1133	2,242,875.5	570,649.4	3,135.00				Average
		534	1134	2,242,652.0	570,479.4	3,136.00				Average
		535	1135	2,242,370.0	570,264.9	3,137.00				Average
		536	1136	2,241,967.2	569,960.0	3,138.00				Average
		537	1137	2,241,797.8	569,836.1	3,137.00				Average
		538	1138	2,241,690.2	569,762.3	3,136.00				Average
		539	1139	2,241,563.5	569,680.2	3,136.00				Average
		540	1140	2,241,437.0	569,601.9	3,136.00				Average
		541	1141	2,241,219.0	569,478.2	3,135.00				Average
		542	1142	2,241,046.2	569,388.8	3,136.00				Average
		543	1143	2,240,787.0	569,266.1	3,137.00				Average
		544	1144	2,240,542.5	569,151.1	3,137.00				Average
		545	1145	2,240,184.8	568,984.4	3,138.00				Average
		546	1146	2,239,862.5	568,833.3	3,141.00				Average
		547	1147	2,239,682.5	568,742.6	3,142.00				Average
		548	1148	2,239,515.0	568,653.1	3,142.00				Average
		549	1149	2,239,314.2	568,535.3	3,142.00				Average
		550	1150	2,238,890.0	568,285.8	3,143.00				Average
		551	1151	2,238,436.5	568,018.6	3,143.00				Average
		552	1152	2,237,888.2	567,695.8	3,142.00				Average
		553	1153	2,237,336.5	567,372.0	3,140.00				Average
		554	1154	2,236,787.8	567,049.2	3,139.00				Average
		555	1155	2,236,298.2	566,763.1	3,137.00				Average
		556	1156	2,236,031.5	566,604.2	3,137.00				Average
		557	1157	2,235,762.8	566,446.4	3,132.00				Average
		558	1158	2,235,502.0	566,293.1	3,135.00				
Shoulder13	11.5	600	1159	2,233,327.5	565,215.4	3,161.00				Average
		601	1160	2,233,189.0	565,162.4	3,164.00				Average
		602	1161	2,232,902.0	565,055.7	3,168.00				Average
		603	1162	2,232,723.5	564,988.5	3,168.00				Average
		604	1163	2,232,449.2	564,890.7	3,164.00				Average
		605	1164	2,231,952.0	564,714.6	3,154.00				Average
		606	1165	2,231,380.8	564,511.8	3,142.00				

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

MDT		11 December 2020										
HDR		TNM 2.5										
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:		Lockwood Interchange										
RUN:		Existing Alternative										
Roadway	Points											
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
			Autos		V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
NE I90 (W of US87 OffR)out	1	1	621	65	26	65	84	65	4	65	0	0
	2	2	621	65	26	65	84	65	4	65	0	0
	3	3	621	65	26	65	84	65	4	65	0	0
	4	4	621	65	26	65	84	65	4	65	0	0
	5	5	621	65	26	65	84	65	4	65	0	0
	6	6	621	65	26	65	84	65	4	65	0	0
	7	7	621	65	26	65	84	65	4	65	0	0
	8	8	621	65	26	65	84	65	4	65	0	0
	9	9	621	65	26	65	84	65	4	65	0	0
	10	10	621	65	26	65	84	65	4	65	0	0
	11	12	621	65	26	65	84	65	4	65	0	0
	12	11										
NE I90 (W of US87 OffR)in	83	13	621	65	26	65	84	65	4	65	0	0
	84	14	621	65	26	65	84	65	4	65	0	0
	85	15	621	65	26	65	84	65	4	65	0	0
	86	16	621	65	26	65	84	65	4	65	0	0
	87	17	621	65	26	65	84	65	4	65	0	0
	88	18	621	65	26	65	84	65	4	65	0	0
	89	19	621	65	26	65	84	65	4	65	0	0
	90	20	621	65	26	65	84	65	4	65	0	0
	91	21	621	65	26	65	84	65	4	65	0	0
	92	22	621	65	26	65	84	65	4	65	0	0
	93	23	621	65	26	65	84	65	4	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	94	24											
NE I90 (btn US87 ramps)out	12	25	511	65	24	65	78	65	2	65	0	0	
	13	26	511	65	24	65	78	65	2	65	0	0	
	14	27	511	65	24	65	78	65	2	65	0	0	
	15	28	511	65	24	65	78	65	2	65	0	0	
	16	29	511	65	24	65	78	65	2	65	0	0	
	17	30	511	65	24	65	78	65	2	65	0	0	
	18	31	511	65	24	65	78	65	2	65	0	0	
	19	32	511	65	24	65	78	65	2	65	0	0	
	20	33	511	65	24	65	78	65	2	65	0	0	
	21	34	511	65	24	65	78	65	2	65	0	0	
	22	35	511	65	24	65	78	65	2	65	0	0	
	23	36	511	65	24	65	78	65	2	65	0	0	
	24	37	511	65	24	65	78	65	2	65	0	0	
	25	38	511	65	24	65	78	65	2	65	0	0	
	26	39	511	65	24	65	78	65	2	65	0	0	
	27	40											
NE I90 (btn US87 ramps)in	94	41	511	65	24	65	78	65	2	65	0	0	
	95	42	511	65	24	65	78	65	2	65	0	0	
	96	43	511	65	24	65	78	65	2	65	0	0	
	97	44	511	65	24	65	78	65	2	65	0	0	
	98	45	511	65	24	65	78	65	2	65	0	0	
	99	46	511	65	24	65	78	65	2	65	0	0	
	100	47	511	65	24	65	78	65	2	65	0	0	
	101	48	511	65	24	65	78	65	2	65	0	0	
	102	49	511	65	24	65	78	65	2	65	0	0	
	103	50	511	65	24	65	78	65	2	65	0	0	
	104	51	511	65	24	65	78	65	2	65	0	0	
	105	52	511	65	24	65	78	65	2	65	0	0	
	106	53	511	65	24	65	78	65	2	65	0	0	
	107	54	511	65	24	65	78	65	2	65	0	0	
	108	55	511	65	24	65	78	65	2	65	0	0	
	109	56											
NE I90 (US87OnR to JohnsonOffR)out	27	57	511	65	24	65	78	65	2	65	0	0	
	28	58	511	65	24	65	78	65	2	65	0	0	
	29	59	511	65	24	65	78	65	2	65	0	0	

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	30	60	511	65	24	65	78	65	2	65	0	0
	31	61	511	65	24	65	78	65	2	65	0	0
	32	62	511	65	24	65	78	65	2	65	0	0
	33	63	511	65	24	65	78	65	2	65	0	0
	34	64	511	65	24	65	78	65	2	65	0	0
	35	65	511	65	24	65	78	65	2	65	0	0
	36	66	511	65	24	65	78	65	2	65	0	0
	37	67	511	65	24	65	78	65	2	65	0	0
	38	68	511	65	24	65	78	65	2	65	0	0
	39	69	511	65	24	65	78	65	2	65	0	0
	40	70	511	65	24	65	78	65	2	65	0	0
	41	71	511	65	24	65	78	65	2	65	0	0
	42	72	511	65	24	65	78	65	2	65	0	0
	43	73	511	65	24	65	78	65	2	65	0	0
	44	74	511	65	24	65	78	65	2	65	0	0
	45	75	511	65	24	65	78	65	2	65	0	0
	46	76	511	65	24	65	78	65	2	65	0	0
	47	77	511	65	24	65	78	65	2	65	0	0
	48	78	511	65	24	65	78	65	2	65	0	0
	49	79	511	65	24	65	78	65	2	65	0	0
	50	80	511	65	24	65	78	65	2	65	0	0
	51	81	511	65	24	65	78	65	2	65	0	0
	52	82	511	65	24	65	78	65	2	65	0	0
	53	83	511	65	24	65	78	65	2	65	0	0
	54	84	511	65	24	65	78	65	2	65	0	0
	55	85	511	65	24	65	78	65	2	65	0	0
	56	86	511	65	24	65	78	65	2	65	0	0
	57	87	511	65	24	65	78	65	2	65	0	0
	58	88	511	65	24	65	78	65	2	65	0	0
	59	89	511	65	24	65	78	65	2	65	0	0
	60	90	511	65	24	65	78	65	2	65	0	0
	61	91	511	65	24	65	78	65	2	65	0	0
	62	92	511	65	24	65	78	65	2	65	0	0
	63	93	511	65	24	65	78	65	2	65	0	0
	64	94	511	65	24	65	78	65	2	65	0	0
	65	95	511	65	24	65	78	65	2	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	66	96	511	65	24	65	78	65	2	65	0	0
	67	97	511	65	24	65	78	65	2	65	0	0
	68	98										
NE I90 (US87OnR to JohnsonOffR)in	109	99	511	65	24	65	78	65	2	65	0	0
	110	100	511	65	24	65	78	65	2	65	0	0
	111	101	511	65	24	65	78	65	2	65	0	0
	112	102	511	65	24	65	78	65	2	65	0	0
	113	103	511	65	24	65	78	65	2	65	0	0
	114	104	511	65	24	65	78	65	2	65	0	0
	115	105	511	65	24	65	78	65	2	65	0	0
	116	106	511	65	24	65	78	65	2	65	0	0
	117	107	511	65	24	65	78	65	2	65	0	0
	118	108	511	65	24	65	78	65	2	65	0	0
	119	109	511	65	24	65	78	65	2	65	0	0
	120	110	511	65	24	65	78	65	2	65	0	0
	121	111	511	65	24	65	78	65	2	65	0	0
	122	112	511	65	24	65	78	65	2	65	0	0
	123	113	511	65	24	65	78	65	2	65	0	0
	124	114	511	65	24	65	78	65	2	65	0	0
	125	115	511	65	24	65	78	65	2	65	0	0
	126	116	511	65	24	65	78	65	2	65	0	0
	127	117	511	65	24	65	78	65	2	65	0	0
	128	118	511	65	24	65	78	65	2	65	0	0
	129	119	511	65	24	65	78	65	2	65	0	0
	130	120	511	65	24	65	78	65	2	65	0	0
	131	121	511	65	24	65	78	65	2	65	0	0
	132	122	511	65	24	65	78	65	2	65	0	0
	133	123	511	65	24	65	78	65	2	65	0	0
	134	124	511	65	24	65	78	65	2	65	0	0
	135	125	511	65	24	65	78	65	2	65	0	0
	136	126	511	65	24	65	78	65	2	65	0	0
	137	127	511	65	24	65	78	65	2	65	0	0
	138	128	511	65	24	65	78	65	2	65	0	0
	139	129	511	65	24	65	78	65	2	65	0	0
	140	130	511	65	24	65	78	65	2	65	0	0
	141	131	511	65	24	65	78	65	2	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	142	132	511	65	24	65	78	65	2	65	0	0
	143	133	511	65	24	65	78	65	2	65	0	0
	144	134	511	65	24	65	78	65	2	65	0	0
	145	135	511	65	24	65	78	65	2	65	0	0
	146	136	511	65	24	65	78	65	2	65	0	0
	147	137	511	65	24	65	78	65	2	65	0	0
	148	138	511	65	24	65	78	65	2	65	0	0
	149	139	511	65	24	65	78	65	2	65	0	0
	150	140										
NE I90 (btn JohnsonLn ramps)out	68	141	511	65	24	65	78	65	2	65	0	0
	69	142	511	65	24	65	78	65	2	65	0	0
	70	143	511	65	24	65	78	65	2	65	0	0
	71	144	511	65	24	65	78	65	2	65	0	0
	72	145	511	65	24	65	78	65	2	65	0	0
	73	146	511	65	24	65	78	65	2	65	0	0
	74	147	511	65	24	65	78	65	2	65	0	0
	75	148	511	65	24	65	78	65	2	65	0	0
	76	149	511	65	24	65	78	65	2	65	0	0
	77	150	511	65	24	65	78	65	2	65	0	0
	78	151	511	65	24	65	78	65	2	65	0	0
	79	152	511	65	24	65	78	65	2	65	0	0
	80	153	511	65	24	65	78	65	2	65	0	0
	81	154	511	65	24	65	78	65	2	65	0	0
	82	155										
NE I90 (btn JohnsonLn ramps)in	150	156	511	65	24	65	78	65	2	65	0	0
	151	157	511	65	24	65	78	65	2	65	0	0
	152	158	511	65	24	65	78	65	2	65	0	0
	153	159	511	65	24	65	78	65	2	65	0	0
	154	160	511	65	24	65	78	65	2	65	0	0
	155	161	511	65	24	65	78	65	2	65	0	0
	156	162	511	65	24	65	78	65	2	65	0	0
	157	163	511	65	24	65	78	65	2	65	0	0
	158	164	511	65	24	65	78	65	2	65	0	0
	159	165	511	65	24	65	78	65	2	65	0	0
	160	166	511	65	24	2	78	65	2	65	0	0
	161	167	511	65	24	65	78	65	2	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	162	168	511	65	24	65	78	65	2	65	0	0
	163	169	511	65	24	65	78	65	2	65	0	0
	164	170										
SW I90 (E of Johnson OffR)out	462	171	511	65	24	65	78	65	2	65	0	0
	463	172	511	65	24	65	78	65	2	65	0	0
	468	173										
SW I90 (E of Johnson OffR)in	464	174	511	65	24	65	78	65	2	65	0	0
	465	175	511	65	24	65	78	65	2	65	0	0
	470	176										
SW I90 (btn Johnson ramps)out	468	177	511	65	24	65	78	65	2	65	0	0
	469	178	511	65	24	65	78	65	2	65	0	0
	165	179	511	65	24	65	78	65	2	65	0	0
	166	180	511	65	24	65	78	65	2	65	0	0
	167	181	511	65	24	65	78	65	2	65	0	0
	168	182	511	65	24	65	78	65	2	65	0	0
	169	183	511	65	24	65	78	65	2	65	0	0
	170	184	511	65	24	65	78	65	2	65	0	0
	171	185	511	65	24	65	78	65	2	65	0	0
	172	186	511	65	24	65	78	65	2	65	0	0
	173	187	511	65	24	65	78	65	2	65	0	0
	174	188	511	65	24	65	78	65	2	65	0	0
	175	189	511	65	24	65	78	65	2	65	0	0
	176	190										
SW I90 (btn Johnson ramps)in	470	191	511	65	24	65	78	65	2	65	0	0
	471	192	511	65	24	65	78	65	2	65	0	0
	232	193	511	65	24	65	78	65	2	65	0	0
	233	194	511	65	24	65	78	65	2	65	0	0
	234	195	511	65	24	65	78	65	2	65	0	0
	235	196	511	65	24	65	78	65	2	65	0	0
	236	197	511	65	24	65	78	65	2	65	0	0
	237	198	511	65	24	65	78	65	2	65	0	0
	238	199	511	65	24	65	78	65	2	65	0	0
	239	200	511	65	24	65	78	65	2	65	0	0
	240	201	511	65	24	65	78	65	2	65	0	0
	241	202	511	65	24	65	78	65	2	65	0	0
	242	203	511	65	24	65	78	65	2	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	243	204											
SW I90 (JohnsonOnR to US87OffR)out	176	205	511	65	24	65	78	65	2	65	0	0	
	177	206	511	65	24	65	78	65	2	65	0	0	
	178	207	511	65	24	65	78	65	2	65	0	0	
	179	208	511	65	24	65	78	65	2	65	0	0	
	180	209	511	65	24	65	78	65	2	65	0	0	
	181	210	511	65	24	65	78	65	2	65	0	0	
	182	211	511	65	24	65	78	65	2	65	0	0	
	183	212	511	65	24	65	78	65	2	65	0	0	
	184	213	511	65	24	65	78	65	2	65	0	0	
	185	214	511	65	24	65	78	65	2	65	0	0	
	186	215	511	65	24	65	78	65	2	65	0	0	
	187	216	511	65	24	65	78	65	2	65	0	0	
	188	217	511	65	24	65	78	65	2	65	0	0	
	189	218	511	65	24	65	78	65	2	65	0	0	
	190	219	511	65	24	65	78	65	2	65	0	0	
	191	220	511	65	24	65	78	65	2	65	0	0	
	192	221	511	65	24	65	78	65	2	65	0	0	
	193	222	511	65	24	65	78	65	2	65	0	0	
	194	223	511	65	24	65	78	65	2	65	0	0	
	195	224	511	65	24	65	78	65	2	65	0	0	
	196	225	511	65	24	65	78	65	2	65	0	0	
	197	226	511	65	24	65	78	65	2	65	0	0	
	198	227	511	65	24	65	78	65	2	65	0	0	
	199	228	511	65	24	65	78	65	2	65	0	0	
	200	229	511	65	24	65	78	65	2	65	0	0	
	201	230	511	65	24	65	78	65	2	65	0	0	
	202	231	511	65	24	65	78	65	2	65	0	0	
	203	232	511	65	24	65	78	65	2	65	0	0	
	204	233	511	65	24	65	78	65	2	65	0	0	
	205	234	511	65	24	65	78	65	2	65	0	0	
	206	235	511	65	24	65	78	65	2	65	0	0	
	207	236	511	65	24	65	78	65	2	65	0	0	
	208	237	511	65	24	65	78	65	2	65	0	0	
	209	238	511	65	24	65	78	65	2	65	0	0	
	210	239	511	65	24	65	78	65	2	65	0	0	

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	211	240	511	65	24	65	78	65	2	65	0	0
	212	241	511	65	24	65	78	65	2	65	0	0
	213	242	511	65	24	65	78	65	2	65	0	0
	214	243										
SW I90 (JohnsonOnR to US87OffR)in	243	245	511	65	24	65	78	65	2	65	0	0
	244	246	511	65	24	65	78	65	2	65	0	0
	245	247	511	65	24	65	78	65	2	65	0	0
	246	248	511	65	24	65	78	65	2	65	0	0
	247	249	511	65	24	65	78	65	2	65	0	0
	248	250	511	65	24	65	78	65	2	65	0	0
	249	251	511	65	24	65	78	65	2	65	0	0
	250	252	511	65	24	65	78	65	2	65	0	0
	251	253	511	65	24	65	78	65	2	65	0	0
	252	254	511	65	24	65	78	65	2	65	0	0
	253	255	511	65	24	65	78	65	2	65	0	0
	254	256	511	65	24	65	78	65	2	65	0	0
	255	257	511	65	24	65	78	65	2	65	0	0
	256	258	511	65	24	65	78	65	2	65	0	0
	257	259	511	65	24	65	78	65	2	65	0	0
	258	260	511	65	24	65	78	65	2	65	0	0
	259	261	511	65	24	65	78	65	2	65	0	0
	260	262	511	65	24	65	78	65	2	65	0	0
	261	263	511	65	24	65	78	65	2	65	0	0
	262	264	511	65	24	65	78	65	2	65	0	0
	263	265	511	65	24	65	78	65	2	65	0	0
	264	266	511	65	24	65	78	65	2	65	0	0
	265	267	511	65	24	65	78	65	2	65	0	0
	266	268	511	65	24	65	78	65	2	65	0	0
	267	269	511	65	24	65	78	65	2	65	0	0
	268	270	511	65	24	65	78	65	2	65	0	0
	269	271	511	65	24	65	78	65	2	65	0	0
	270	272	511	65	24	65	78	65	2	65	0	0
	271	273	511	65	24	65	78	65	2	65	0	0
	272	274	511	65	24	65	78	65	2	65	0	0
	273	275	511	65	24	65	78	65	2	65	0	0
	274	276	511	65	24	65	78	65	2	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	275	277	511	65	24	65	78	65	2	65	0	0
	276	278	511	65	24	65	78	65	2	65	0	0
	277	279	511	65	24	65	78	65	2	65	0	0
	278	280	511	65	24	65	78	65	2	65	0	0
	279	281	511	65	24	65	78	65	2	65	0	0
	280	282	511	65	24	65	78	65	2	65	0	0
	281	283										
SW I90 (btn US87 ramps)out	214	284	511	65	24	65	78	65	2	65	0	0
	215	285	511	65	24	65	78	65	2	65	0	0
	216	286	511	65	24	65	78	65	2	65	0	0
	217	287	511	65	24	65	78	65	2	65	0	0
	218	288	511	65	24	65	78	65	2	65	0	0
	219	289	511	65	24	65	78	65	2	65	0	0
	220	290	511	65	24	65	78	65	2	65	0	0
	221	291	511	65	24	65	78	65	2	65	0	0
	222	292	511	65	24	65	78	65	2	65	0	0
	223	293	511	65	24	65	78	65	2	65	0	0
	224	294										
SW I90 (btn US87 ramps)in	281	295	511	65	24	65	78	65	2	65	0	0
	282	296	511	65	24	65	78	65	2	65	0	0
	283	297	511	65	24	65	78	65	2	65	0	0
	284	298	511	65	24	65	78	65	2	65	0	0
	285	299	511	65	24	65	78	65	2	65	0	0
	286	300	511	65	24	65	78	65	2	65	0	0
	287	301	511	65	24	65	78	65	2	65	0	0
	288	302	511	65	24	65	78	65	2	65	0	0
	289	303	511	65	24	65	78	65	2	65	0	0
	290	304	511	65	24	65	78	65	2	65	0	0
	291	305										
SW I90 (W of US87 OnR)out	224	306	621	65	26	65	84	65	4	65	0	0
	225	307	621	65	26	65	84	65	4	65	0	0
	226	308	621	65	26	65	84	65	4	65	0	0
	227	309	621	65	26	65	84	65	4	65	0	0
	228	310	621	65	26	65	84	65	4	65	0	0
	229	311	621	65	26	65	84	65	4	65	0	0
	230	312	621	65	26	65	84	65	4	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	231	313										
SW I90 (W of US87 OnR)in	291	314	621	65	26	65	84	65	4	65	0	0
	292	315	621	65	26	65	84	65	4	65	0	0
	293	316	621	65	26	65	84	65	4	65	0	0
	294	317	621	65	26	65	84	65	4	65	0	0
	295	318	621	65	26	65	84	65	4	65	0	0
	296	319	621	65	26	65	84	65	4	65	0	0
	297	320	621	65	26	65	84	65	4	65	0	0
	298	321										
OffRamp from NE I90 to US87	311	322	611	45	9	45	38	45	3	45	0	0
	312	323	611	45	9	45	38	45	3	45	0	0
	313	324	611	45	9	45	38	45	3	45	0	0
	314	325	611	45	9	45	38	45	3	45	0	0
	315	326	611	45	9	45	38	45	3	45	0	0
	316	327	611	45	9	45	38	45	3	45	0	0
	317	328										
OffRamp from NE I90 to US87 LT	317	329	305	45	4	45	19	45	2	45	0	0
	324	330	305	45	4	45	19	45	2	45	0	0
	325	331	305	45	4	45	19	45	2	45	0	0
	326	332	305	45	4	45	19	45	2	45	0	0
	327	333	305	45	4	45	19	45	2	45	0	0
	328	334	305	45	4	45	19	45	2	45	0	0
	329	335										
OffRamp from NE I90 to US87 RT	317	338	305	45	4	45	19	45	2	45	0	0
	318	339	305	45	4	45	19	45	2	45	0	0
	319	340	305	45	4	45	19	45	2	45	0	0
	320	341	305	45	4	45	19	45	2	45	0	0
	321	342	305	45	4	45	19	45	2	45	0	0
	322	343	305	45	4	45	19	45	2	45	0	0
	323	344										
OnRamp from US87 to SW I90	581	345	546	45	9	45	58	45	2	45	0	0
	582	346	546	45	9	45	58	45	2	45	0	0
	583	347	546	45	9	45	58	45	2	45	0	0
	584	348	546	45	9	45	58	45	2	45	0	0
	585	349	546	45	9	45	58	45	2	45	0	0
	586	350	546	45	9	45	58	45	2	45	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	587	351	546	45	9	45	58	45	2	45	0	0
	588	352	546	45	9	45	58	45	2	45	0	0
	589	353	546	45	9	45	58	45	2	45	0	0
	590	354										
OnRamp from US87 to NE I90	344	355	335	45	5	45	23	45	1	45	0	0
	345	356	335	45	5	45	23	45	1	45	0	0
	346	357	335	45	5	45	23	45	1	45	0	0
	347	358	335	45	5	45	23	45	1	45	0	0
	348	359	335	45	5	45	23	45	1	45	0	0
	349	360	335	45	5	45	23	45	1	45	0	0
	350	361	335	45	5	45	23	45	1	45	0	0
	351	362										
OffRamp from SW I90 to US87	559	363	334	45	5	45	23	45	1	45	0	0
	560	364	334	45	5	45	23	45	1	45	0	0
	561	365	334	45	5	45	23	45	1	45	0	0
	562	366	334	45	5	45	23	45	1	45	0	0
	563	367	334	45	5	45	23	45	1	45	0	0
	564	368	334	45	5	45	23	45	1	45	0	0
	565	369	334	45	5	45	23	45	1	45	0	0
	566	370	334	45	5	45	23	45	1	45	0	0
	567	371	334	45	5	45	23	45	1	45	0	0
	568	372	334	45	5	45	23	45	1	45	0	0
	569	373										
OffRamp from NE I90 to Johnson	411	374	0	0	0	0	0	0	0	0	0	0
	412	375	0	0	0	0	0	0	0	0	0	0
	413	376	0	0	0	0	0	0	0	0	0	0
	414	377	0	0	0	0	0	0	0	0	0	0
	415	378										
OffRamp from NE I90 to Johnson LT	415	379	0	0	0	0	0	0	0	0	0	0
	423	380	0	0	0	0	0	0	0	0	0	0
	424	381	0	0	0	0	0	0	0	0	0	0
	425	382	0	0	0	0	0	0	0	0	0	0
	426	383	0	0	0	0	0	0	0	0	0	0
	427	384	0	0	0	0	0	0	0	0	0	0
	428	385	0	0	0	0	0	0	0	0	0	0
	429	386										

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

OffRamp from NE I90 to Johnson RT	415	387	0	0	0	0	0	0	0	0	0	0
	416	388	0	0	0	0	0	0	0	0	0	0
	417	389	0	0	0	0	0	0	0	0	0	0
	418	390	0	0	0	0	0	0	0	0	0	0
	419	391	0	0	0	0	0	0	0	0	0	0
	420	392	0	0	0	0	0	0	0	0	0	0
	421	393	0	0	0	0	0	0	0	0	0	0
	422	394										
OnRamp from Johnson to NE I90	430	395	0	0	0	0	0	0	0	0	0	0
	431	396	0	0	0	0	0	0	0	0	0	0
	432	397	0	0	0	0	0	0	0	0	0	0
	433	398	0	0	0	0	0	0	0	0	0	0
	434	399	0	0	0	0	0	0	0	0	0	0
	435	400	0	0	0	0	0	0	0	0	0	0
	436	401	0	0	0	0	0	0	0	0	0	0
	437	402	0	0	0	0	0	0	0	0	0	0
	438	403	0	0	0	0	0	0	0	0	0	0
	439	404	0	0	0	0	0	0	0	0	0	0
	440	405	0	0	0	0	0	0	0	0	0	0
	441	406	0	0	0	0	0	0	0	0	0	0
	442	407	0	0	0	0	0	0	0	0	0	0
	443	408	0	0	0	0	0	0	0	0	0	0
	444	409	0	0	0	0	0	0	0	0	0	0
	445	410										
OffRamp from SW I90 to Johnson	472	411	0	0	0	0	0	0	0	0	0	0
	473	412	0	0	0	0	0	0	0	0	0	0
	474	413	0	0	0	0	0	0	0	0	0	0
	475	414	0	0	0	0	0	0	0	0	0	0
	476	415	0	0	0	0	0	0	0	0	0	0
	477	416	0	0	0	0	0	0	0	0	0	0
	478	417										
OffRamp from SW I90 to Johnson LT	478	418	0	0	0	0	0	0	0	0	0	0
	493	419	0	0	0	0	0	0	0	0	0	0
	494	420	0	0	0	0	0	0	0	0	0	0
	495	421										
OffRamp from SW I90 to Johnson RT	478	422	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	490	423	0	0	0	0	0	0	0	0	0	0
	491	424	0	0	0	0	0	0	0	0	0	0
	492	425										
OnRamp from Johnson to SW I90	496	426	0	0	0	0	0	0	0	0	0	0
	497	427	0	0	0	0	0	0	0	0	0	0
	498	428	0	0	0	0	0	0	0	0	0	0
	499	429	0	0	0	0	0	0	0	0	0	0
	500	430	0	0	0	0	0	0	0	0	0	0
	501	431	0	0	0	0	0	0	0	0	0	0
	502	432	0	0	0	0	0	0	0	0	0	0
	503	433	0	0	0	0	0	0	0	0	0	0
	504	434	0	0	0	0	0	0	0	0	0	0
	505	435	0	0	0	0	0	0	0	0	0	0
	506	436	0	0	0	0	0	0	0	0	0	0
	507	437	0	0	0	0	0	0	0	0	0	0
	508	438	0	0	0	0	0	0	0	0	0	0
	509	439	0	0	0	0	0	0	0	0	0	0
	510	440	0	0	0	0	0	0	0	0	0	0
	511	441	0	0	0	0	0	0	0	0	0	0
	512	442										
EB US87 (W of Frontage)out	607	443	553	45	15	45	2	45	1	45	0	0
	608	444	553	45	15	45	2	45	1	45	0	0
	609	445	553	45	15	45	2	45	1	45	0	0
	610	446	553	45	15	45	2	45	1	45	0	0
	611	447	553	45	15	45	2	45	1	45	0	0
	612	448	553	45	15	45	2	45	1	45	0	0
	613	449	553	45	15	45	2	45	1	45	0	0
	614	450	553	45	15	45	2	45	1	45	0	0
	615	451	553	45	15	45	2	45	1	45	0	0
	616	452	553	45	15	45	2	45	1	45	0	0
	617	453	553	45	15	45	2	45	1	45	0	0
	618	454	553	45	15	45	2	45	1	45	0	0
	619	455	553	45	15	45	2	45	1	45	0	0
	620	456	553	45	15	45	2	45	1	45	0	0
	621	457	553	45	15	45	2	45	1	45	0	0
	622	458	553	45	15	45	2	45	1	45	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	623	459	553	45	15	45	2	45	1	45	0	0
	624	460										
EB US87 (W of Frontage)in	652	461	553	45	15	45	2	45	1	45	0	0
	653	462	553	45	15	45	2	45	1	45	0	0
	654	463	553	45	15	45	2	45	1	45	0	0
	655	464	553	45	15	45	2	45	1	45	0	0
	656	465	553	45	15	45	2	45	1	45	0	0
	657	466	553	45	15	45	2	45	1	45	0	0
	658	467	553	45	15	45	2	45	1	45	0	0
	659	468	553	45	15	45	2	45	1	45	0	0
	660	469	553	45	15	45	2	45	1	45	0	0
	661	470	553	45	15	45	2	45	1	45	0	0
	662	471	553	45	15	45	2	45	1	45	0	0
	663	472	553	45	15	45	2	45	1	45	0	0
	664	473	553	45	15	45	2	45	1	45	0	0
	665	474	553	45	15	45	2	45	1	45	0	0
	666	475	553	45	15	45	2	45	1	45	0	0
	667	476	553	45	15	45	2	45	1	45	0	0
	668	477	553	45	15	45	2	45	1	45	0	0
	669	478										
WB US87 (W of Frontage)out	795	479	553	45	15	45	2	45	1	45	0	0
	796	480	553	45	15	45	2	45	1	45	0	0
	797	481	553	45	15	45	2	45	1	45	0	0
	798	482	553	45	15	45	2	45	1	45	0	0
	799	483	553	45	15	45	2	45	1	45	0	0
	800	484	553	45	15	45	2	45	1	45	0	0
	801	485	553	45	15	45	2	45	1	45	0	0
	802	486	553	45	15	45	2	45	1	45	0	0
	803	487	553	45	15	45	2	45	1	45	0	0
	804	488	553	45	15	45	2	45	1	45	0	0
	805	489	553	45	15	45	2	45	1	45	0	0
	806	490	553	45	15	45	2	45	1	45	0	0
	807	491	553	45	15	45	2	45	1	45	0	0
	808	492	553	45	15	45	2	45	1	45	0	0
	809	493	553	45	15	45	2	45	1	45	0	0
	810	494	553	45	15	45	2	45	1	45	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	811	495	553	45	15	45	2	45	1	45	0	0
	812	496	553	45	15	45	2	45	1	45	0	0
	813	497										
WB US87 (W of Frontage)in	833	498	553	45	15	45	2	45	1	45	0	0
	834	499	553	45	15	45	2	45	1	45	0	0
	835	500	553	45	15	45	2	45	1	45	0	0
	836	501	553	45	15	45	2	45	1	45	0	0
	837	502	553	45	15	45	2	45	1	45	0	0
	838	503	553	45	15	45	2	45	1	45	0	0
	839	504	553	45	15	45	2	45	1	45	0	0
	840	505	553	45	15	45	2	45	1	45	0	0
	841	506	553	45	15	45	2	45	1	45	0	0
	842	507	553	45	15	45	2	45	1	45	0	0
	843	508	553	45	15	45	2	45	1	45	0	0
	844	509	553	45	15	45	2	45	1	45	0	0
	845	510	553	45	15	45	2	45	1	45	0	0
	846	511	553	45	15	45	2	45	1	45	0	0
	847	512	553	45	15	45	2	45	1	45	0	0
	848	513	553	45	15	45	2	45	1	45	0	0
	849	514	553	45	15	45	2	45	1	45	0	0
	850	515	553	45	15	45	2	45	1	45	0	0
	851	516										
EB US87 (Frontage to Ramps)out	624	517	474	45	15	45	16	45	1	45	0	0
	625	518	474	45	15	45	16	45	1	45	0	0
	626	519	474	45	15	45	16	45	1	45	0	0
	627	520	474	45	15	45	16	45	1	45	0	0
	628	521	474	45	15	45	16	45	1	45	0	0
	629	522	474	45	15	45	16	45	1	45	0	0
	630	523	474	45	15	45	16	45	1	45	0	0
	631	524	474	45	15	45	16	45	1	45	0	0
	632	525										
EB US87 (Frontage to Ramps)in	669	526	474	45	15	45	16	45	1	45	0	0
	670	527	474	45	15	45	16	45	1	45	0	0
	671	528	474	45	15	45	16	45	1	45	0	0
	672	529	474	45	15	45	16	45	1	45	0	0
	673	530	474	45	15	45	16	45	1	45	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	674	531	474	45	15	45	16	45	1	45	0	0
	675	532	474	45	15	45	16	45	1	45	0	0
	676	533	474	45	15	45	16	45	1	45	0	0
	677	534										
WB US87 (Frontage to Ramps)out	786	535	474	45	15	45	16	45	1	45	0	0
	787	536	474	45	15	45	16	45	1	45	0	0
	788	537	474	45	15	45	16	45	1	45	0	0
	789	538	474	45	15	45	16	45	1	45	0	0
	790	539	474	45	15	45	16	45	1	45	0	0
	791	540	474	45	15	45	16	45	1	45	0	0
	792	541	474	45	15	45	16	45	1	45	0	0
	793	542	474	45	15	45	16	45	1	45	0	0
	794	543	474	45	15	45	16	45	1	45	0	0
	795	544										
WB US87 (Frontage to Ramps)in	824	545	474	45	15	45	16	45	1	45	0	0
	825	546	474	45	15	45	16	45	1	45	0	0
	826	547	474	45	15	45	16	45	1	45	0	0
	827	548	474	45	15	45	16	45	1	45	0	0
	828	549	474	45	15	45	16	45	1	45	0	0
	829	550	474	45	15	45	16	45	1	45	0	0
	830	551	474	45	15	45	16	45	1	45	0	0
	831	552	474	45	15	45	16	45	1	45	0	0
	832	553	474	45	15	45	16	45	1	45	0	0
	833	554										
EB US87 (btn Ramps)out	632	555	343	45	10	45	11	45	1	45	0	0
	633	556	343	45	10	45	11	45	1	45	0	0
	634	557										
EB US87 (btn Ramps)in	677	558	343	45	10	45	11	45	1	45	0	0
	678	559	343	45	10	45	11	45	1	45	0	0
	679	560										
WB US87 (btn Ramps)out	783	561	343	45	10	45	11	45	1	45	0	0
	784	562	343	45	10	45	11	45	1	45	0	0
	785	563	343	45	10	45	11	45	1	45	0	0
	786	564										
WB US87 (btn Ramps)in	821	565	343	45	10	45	11	45	1	45	0	0
	822	566	343	45	10	45	11	45	1	45	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	823	567	343	45	10	45	11	45	1	45	0	0
	824	568										
EB US87 (Ramps to Coburn)out	634	569	309	45	6	45	7	45	2	45	0	0
	635	570	309	45	6	45	7	45	2	45	0	0
	636	571	309	45	6	45	7	45	2	45	0	0
	637	572										
EB US87 (Ramps to Coburn)in	679	573	309	45	6	45	7	45	2	45	0	0
	680	574	309	45	6	45	7	45	2	45	0	0
	681	575	309	45	6	45	7	45	2	45	0	0
	682	576										
EB US87 (east of Coburn)out	637	577	309	45	6	45	7	45	2	45	0	0
	638	578	309	45	6	45	7	45	2	45	0	0
	639	579	309	45	6	45	7	45	2	45	0	0
	640	580	309	45	6	45	7	45	2	45	0	0
	641	581	309	45	6	45	7	45	2	45	0	0
	642	582	309	45	6	45	7	45	2	45	0	0
	643	583	309	45	6	45	7	45	2	45	0	0
	644	584	309	45	6	45	7	45	2	45	0	0
	645	585	309	45	6	45	7	45	2	45	0	0
	646	586	309	45	6	45	7	45	2	45	0	0
	647	587	309	45	6	45	7	45	2	45	0	0
	648	588	309	45	6	45	7	45	2	45	0	0
	649	589	309	45	6	45	7	45	2	45	0	0
	650	590	309	45	6	45	7	45	2	45	0	0
	651	591										
EB US87 (east of Coburn)in	682	592	309	45	6	45	7	45	2	45	0	0
	683	593	309	45	6	45	7	45	2	45	0	0
	684	594	309	45	6	45	7	45	2	45	0	0
	685	595	309	45	6	45	7	45	2	45	0	0
	686	596	309	45	6	45	7	45	2	45	0	0
	687	597	309	45	6	45	7	45	2	45	0	0
	688	598	309	45	6	45	7	45	2	45	0	0
	689	599	309	45	6	45	7	45	2	45	0	0
	690	600	309	45	6	45	7	45	2	45	0	0
	691	601	309	45	6	45	7	45	2	45	0	0
	692	602	309	45	6	45	7	45	2	45	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	693	603	309	45	6	45	7	45	2	45	0	0
	694	604	309	45	6	45	7	45	2	45	0	0
	695	605	309	45	6	45	7	45	2	45	0	0
	696	606										
EB US87 (east of Coburn)	696	607	617	45	13	45	14	45	4	45	0	0
	697	608	617	45	13	45	14	45	4	45	0	0
	698	609	617	45	13	45	14	45	4	45	0	0
	699	610	617	45	13	45	14	45	4	45	0	0
	700	611	617	45	13	45	14	45	4	45	0	0
	701	612	617	45	13	45	14	45	4	45	0	0
	702	613	617	45	13	45	14	45	4	45	0	0
	703	614	617	45	13	45	14	45	4	45	0	0
	704	615	617	45	13	45	14	45	4	45	0	0
	705	616	617	45	13	45	14	45	4	45	0	0
	706	617	617	45	13	45	14	45	4	45	0	0
	707	618	617	45	13	45	14	45	4	45	0	0
	708	619	617	45	13	45	14	45	4	45	0	0
	709	620	617	45	13	45	14	45	4	45	0	0
	710	621	617	45	13	45	14	45	4	45	0	0
	711	622	617	45	13	45	14	45	4	45	0	0
	712	623	617	45	13	45	14	45	4	45	0	0
	713	624	617	45	13	45	14	45	4	45	0	0
	714	625	617	45	13	45	14	45	4	45	0	0
	715	626	617	45	13	45	14	45	4	45	0	0
	716	627	617	45	13	45	14	45	4	45	0	0
	717	628	617	45	13	45	14	45	4	45	0	0
	718	629	617	45	13	45	14	45	4	45	0	0
	719	630	617	45	13	45	14	45	4	45	0	0
	720	631	617	45	13	45	14	45	4	45	0	0
	721	632	617	45	13	45	14	45	4	45	0	0
	722	633	617	45	13	45	14	45	4	45	0	0
	723	634	617	45	13	45	14	45	4	45	0	0
	724	635	617	45	13	45	14	45	4	45	0	0
	725	636	617	45	13	45	14	45	4	45	0	0
	726	637	617	45	13	45	14	45	4	45	0	0
	727	638	617	45	13	45	14	45	4	45	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	728	639	617	45	13	45	14	45	4	45	0	0
	729	640	617	45	13	45	14	45	4	45	0	0
	730	641	617	45	13	45	14	45	4	45	0	0
	731	642	617	45	13	45	14	45	4	45	0	0
	732	643										
WB US87 (east of Coburn)	733	644	617	45	13	45	14	45	4	45	4	0
	734	645	617	45	13	45	14	45	4	45	0	0
	735	646	617	45	13	45	14	45	4	45	0	0
	736	647	617	45	13	45	14	45	4	45	0	0
	737	648	617	45	13	45	14	45	4	45	0	0
	738	649	617	45	13	45	14	45	4	45	0	0
	739	650	617	45	13	45	14	45	4	45	0	0
	740	651	617	45	13	45	14	45	4	45	0	0
	741	652	617	45	13	45	14	45	4	45	0	0
	742	653	617	45	13	45	14	45	4	45	0	0
	743	654	617	45	13	45	14	45	4	45	0	0
	744	655	617	45	13	45	14	45	4	45	0	0
	745	656	617	45	13	45	14	45	4	45	0	0
	746	657	617	45	13	45	14	45	4	45	0	0
	747	658	617	45	13	45	14	45	4	45	0	0
	748	659	617	45	13	45	14	45	4	45	0	0
	749	660	617	45	13	45	14	45	4	45	0	0
	750	661	617	45	13	45	14	45	4	45	0	0
	751	662	617	45	13	45	14	45	4	45	0	0
	752	663	617	45	13	45	14	45	4	45	0	0
	753	664	617	45	13	45	14	45	4	45	0	0
	754	665	617	45	13	45	14	45	4	45	0	0
	755	666	617	45	13	45	14	45	4	45	0	0
	756	667	617	45	13	45	14	45	4	45	0	0
	757	668	617	45	13	45	14	45	4	45	0	0
	758	669	617	45	13	45	14	45	4	45	0	0
	759	670	617	45	13	45	14	45	4	45	0	0
	760	671	617	45	13	45	14	45	4	45	0	0
	761	672	617	45	13	45	14	45	4	45	0	0
	762	673	617	45	13	45	14	45	4	45	0	0
	763	674	617	45	13	45	14	45	4	45	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	764	675	617	45	13	45	14	45	4	45	0	0
	765	676	617	45	13	45	14	45	4	45	0	0
	766	677	617	45	13	45	14	45	4	45	0	0
	767	678	617	45	13	45	14	45	4	45	0	0
	768	679	617	45	13	45	14	45	4	45	0	0
	769	680	617	45	13	45	14	45	4	45	0	0
	770	681	617	45	13	45	14	45	4	45	0	0
	771	682	617	45	13	45	14	45	4	45	0	0
	772	683	617	45	13	45	14	45	4	45	0	0
	773	684	617	45	13	45	14	45	4	45	0	0
	774	685	617	45	13	45	14	45	4	45	0	0
	775	686										
WB US87 (east of Coburn)out	775	687	309	45	6	45	7	45	2	45	0	0
	776	688	309	45	6	45	7	45	2	45	0	0
	777	689	309	45	6	45	7	45	2	45	0	0
	778	690	309	45	6	45	7	45	2	45	0	0
	779	691	309	45	6	45	7	45	2	45	0	0
	780	692	309	45	6	45	7	45	2	45	0	0
	781	693	309	45	6	45	7	45	2	45	0	0
	782	694										
WB US87 (east of Coburn)in	814	695	309	45	6	45	7	45	2	45	0	0
	815	696	309	45	6	45	7	45	2	45	0	0
	816	697	309	45	6	45	7	45	2	45	0	0
	817	698	309	45	6	45	7	45	2	45	0	0
	818	699	309	45	6	45	7	45	2	45	0	0
	819	700	309	45	6	45	7	45	2	45	0	0
	820	701										
WB US87 (Coburn to Ramps)out	782	702	309	45	6	45	7	45	2	45	0	0
	783	703										
WB US87 (Coburn to Ramps)in	820	704	309	45	6	45	7	45	2	45	0	0
	821	705										
NB Lockwood (N of US87)	965	706	344	55	18	55	20	55	1	55	0	0
	966	707	344	55	18	55	20	55	1	55	0	0
	967	708	344	55	18	55	20	55	1	55	0	0
	968	709	344	55	18	55	20	55	1	55	0	0
	969	710	344	55	18	55	20	55	1	55	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	970	711	344	55	18	55	20	55	1	55	0	0
	971	712	344	55	18	55	20	55	1	55	0	0
	972	713	344	55	18	55	20	55	1	55	0	0
	973	714	344	55	18	55	20	55	1	55	0	0
	974	715	344	55	18	55	20	55	1	55	0	0
	975	716	344	55	18	55	20	55	1	55	0	0
	976	717										
SB Lockwood (N of US87)	953	718	344	55	18	55	20	55	1	55	0	0
	954	719	344	55	18	55	20	55	1	55	0	0
	955	720	344	55	18	55	20	55	1	55	0	0
	956	721	344	55	18	55	20	55	1	55	0	0
	957	722	344	55	18	55	20	55	1	55	0	0
	958	723	344	55	18	55	20	55	1	55	0	0
	959	724	344	55	18	55	20	55	1	55	0	0
	960	725	344	55	18	55	20	55	1	55	0	0
	961	726	344	55	18	55	20	55	1	55	0	0
	962	727	344	55	18	55	20	55	1	55	0	0
	963	728	344	55	18	55	20	55	1	55	0	0
	964	729										
WB FrontageRd (E of Lockwood)	1031	730	344	55	18	55	20	55	1	55	0	0
	1032	731	344	55	18	55	20	55	1	55	0	0
	1033	732	344	55	18	55	20	55	1	55	0	0
	1034	733	344	55	18	55	20	55	1	55	0	0
	1035	734	344	55	18	55	20	55	1	55	0	0
	1036	735	344	55	18	55	20	55	1	55	0	0
	1037	736	344	55	18	55	20	55	1	55	0	0
	1038	737	344	55	18	55	20	55	1	55	0	0
	1039	738	344	55	18	55	20	55	1	55	0	0
	1040	739	344	55	18	55	20	55	1	55	0	0
	1041	740	344	55	18	55	20	55	1	55	0	0
	1042	741	344	55	18	55	20	55	1	55	0	0
	1043	742	344	55	18	55	20	55	1	55	0	0
	1044	743	344	55	18	55	20	55	1	55	0	0
	1045	744	344	55	18	55	20	55	1	55	0	0
	1046	745	344	55	18	55	20	55	1	55	0	0
	1047	746	344	55	18	55	20	55	1	55	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	1048	747	344	55	18	55	20	55	1	55	0	0
	1049	748	344	55	18	55	20	55	1	55	0	0
	1050	749	344	55	18	55	20	55	1	55	0	0
	1051	750	344	55	18	55	20	55	1	55	0	0
	1052	751	344	55	18	55	20	55	1	55	0	0
	1053	752	344	55	18	55	20	55	1	55	0	0
	1054	753	344	55	18	55	20	55	1	55	0	0
	1055	754	344	55	18	55	20	55	1	55	0	0
	1056	755	344	55	18	55	20	55	1	55	0	0
	1057	756	344	55	18	55	20	55	1	55	0	0
	1058	757	344	55	18	55	20	55	1	55	0	0
	1059	758	344	55	18	55	20	55	1	55	0	0
	1060	759	344	55	18	55	20	55	1	55	0	0
	1061	760	344	55	18	55	20	55	1	55	0	0
	1062	761	344	55	18	55	20	55	1	55	0	0
	1063	762	344	55	18	55	20	55	1	55	0	0
	1064	763	344	55	18	55	20	55	1	55	0	0
	1065	764	344	55	18	55	20	55	1	55	0	0
	1066	765	344	55	18	55	20	55	1	55	0	0
	1067	766	344	55	18	55	20	55	1	55	0	0
	1068	767	344	55	18	55	20	55	1	55	0	0
	1069	768	344	55	18	55	20	55	1	55	0	0
	1070	769	344	55	18	55	20	55	1	55	0	0
	1071	770	344	55	18	55	20	55	1	55	0	0
	1072	771	344	55	18	55	20	55	1	55	0	0
	1073	772	344	55	18	55	20	55	1	55	0	0
	1074	773	344	55	18	55	20	55	1	55	0	0
	1075	774	344	55	18	55	20	55	1	55	0	0
	1076	775	344	55	18	55	20	55	1	55	0	0
	1077	776	344	55	18	55	20	55	1	55	0	0
	1078	777	344	55	18	55	20	55	1	55	0	0
	1079	778	344	55	18	55	20	55	1	55	0	0
	1080	779	344	55	18	55	20	55	1	55	0	0
	1081	780	344	55	18	55	20	55	1	55	0	0
	1082	781	344	55	18	55	20	55	1	55	0	0
	1083	782	344	55	18	55	20	55	1	55	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	1084	783										
EB FrontageRd (E of Lockwood)	977	784	344	55	18	55	20	55	1	55	0	0
	978	785	344	55	18	55	20	55	1	55	0	0
	979	786	344	55	18	55	20	55	1	55	0	0
	980	787	344	55	18	55	20	55	1	55	0	0
	981	788	344	55	18	55	20	55	1	55	0	0
	982	789	344	55	18	55	20	55	1	55	0	0
	983	790	344	55	18	55	20	55	1	55	0	0
	984	791	344	55	18	55	20	55	1	55	0	0
	985	792	344	55	18	55	20	55	1	55	0	0
	986	793	344	55	18	55	20	55	1	55	0	0
	987	794	344	55	18	55	20	55	1	55	0	0
	988	795	344	55	18	55	20	55	1	55	0	0
	989	796	344	55	18	55	20	55	1	55	0	0
	990	797	344	55	18	55	20	55	1	55	0	0
	991	798	344	55	18	55	20	55	1	55	0	0
	992	799	344	55	18	55	20	55	1	55	0	0
	993	800	344	55	18	55	20	55	1	55	0	0
	994	801	344	55	18	55	20	55	1	55	0	0
	995	802	344	55	18	55	20	55	1	55	0	0
	996	803	344	55	18	55	20	55	1	55	0	0
	997	804	344	55	18	55	20	55	1	55	0	0
	998	805	344	55	18	55	20	55	1	55	0	0
	999	806	344	55	18	55	20	55	1	55	0	0
	1000	807	344	55	18	55	20	55	1	55	0	0
	1001	808	344	55	18	55	20	55	1	55	0	0
	1002	809	344	55	18	55	20	55	1	55	0	0
	1003	810	344	55	18	55	20	55	1	55	0	0
	1004	811	344	55	18	55	20	55	1	55	0	0
	1005	812	344	55	18	55	20	55	1	55	0	0
	1006	813	344	55	18	55	20	55	1	55	0	0
	1007	814	344	55	18	55	20	55	1	55	0	0
	1008	815	344	55	18	55	20	55	1	55	0	0
	1009	816	344	55	18	55	20	55	1	55	0	0
	1010	817	344	55	18	55	20	55	1	55	0	0
	1011	818	344	55	18	55	20	55	1	55	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	1012	819	344	55	18	55	20	55	1	55	0	0
	1013	820	344	55	18	55	20	55	1	55	0	0
	1014	821	344	55	18	55	20	55	1	55	0	0
	1015	822	344	55	18	55	20	55	1	55	0	0
	1016	823	344	55	18	55	20	55	1	55	0	0
	1017	824	344	55	18	55	20	55	1	55	0	0
	1018	825	344	55	18	55	20	55	1	55	0	0
	1019	826	344	55	18	55	20	55	1	55	0	0
	1020	827	344	55	18	55	20	55	1	55	0	0
	1021	828	344	55	18	55	20	55	1	55	0	0
	1022	829	344	55	18	55	20	55	1	55	0	0
	1023	830	344	55	18	55	20	55	1	55	0	0
	1024	831	344	55	18	55	20	55	1	55	0	0
	1025	832	344	55	18	55	20	55	1	55	0	0
	1026	833	344	55	18	55	20	55	1	55	0	0
	1027	834	344	55	18	55	20	55	1	55	0	0
	1028	835	344	55	18	55	20	55	1	55	0	0
	1029	836	344	55	18	55	20	55	1	55	0	0
	1030	837										
SB Coburn	941	838	132	55	4	55	4	55	0	1	0	0
	942	839	132	55	4	55	4	55	0	0	0	0
	943	840	132	55	4	55	4	55	0	0	0	0
	944	841	132	55	4	55	4	55	0	0	0	0
	945	842	132	55	4	55	4	55	0	0	0	0
	946	843	132	55	4	55	4	55	0	0	0	0
	947	844	132	55	4	55	4	55	0	0	0	0
	948	845	132	55	4	55	4	55	0	0	0	0
	949	846	132	55	4	55	4	55	0	0	0	0
	950	847	132	55	4	55	4	55	0	0	0	0
	951	848	132	55	4	55	4	55	0	0	0	0
	952	849										
NB Coburn	929	850	132	55	4	55	4	55	0	0	0	0
	930	851	132	55	4	55	4	55	0	0	0	0
	931	852	132	55	4	55	4	55	0	0	0	0
	932	853	132	55	4	55	4	55	0	0	0	0
	933	854	132	55	4	55	4	55	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	934	855	132	55	4	55	4	55	0	0	0	0
	935	856	132	55	4	55	4	55	0	0	0	0
	936	857	132	55	4	55	4	55	0	0	0	0
	937	858	132	55	4	55	4	55	0	0	0	0
	938	859	132	55	4	55	4	55	0	0	0	0
	939	860	132	55	4	55	4	55	0	0	0	0
	940	861										
EB Rosebud Lane	918	862	0	0	0	0	0	0	0	0	0	0
	919	863	0	0	0	0	0	0	0	0	0	0
	920	864	0	0	0	0	0	0	0	0	0	0
	921	865	0	0	0	0	0	0	0	0	0	0
	922	866	0	0	0	0	0	0	0	0	0	0
	923	867	0	0	0	0	0	0	0	0	0	0
	924	868	0	0	0	0	0	0	0	0	0	0
	925	869	0	0	0	0	0	0	0	0	0	0
	926	870	0	0	0	0	0	0	0	0	0	0
	927	871	0	0	0	0	0	0	0	0	0	0
	928	872										
WB Rosebud Lane	907	875	0	0	0	0	0	0	0	0	0	0
	908	876	0	0	0	0	0	0	0	0	0	0
	909	877	0	0	0	0	0	0	0	0	0	0
	910	878	0	0	0	0	0	0	0	0	0	0
	911	879	0	0	0	0	0	0	0	0	0	0
	912	880	0	0	0	0	0	0	0	0	0	0
	913	881	0	0	0	0	0	0	0	0	0	0
	914	882	0	0	0	0	0	0	0	0	0	0
	915	883	0	0	0	0	0	0	0	0	0	0
	916	884	0	0	0	0	0	0	0	0	0	0
	917	885										
EB HardinRd (E of JohnsonLn)	852	886	0	0	0	0	0	0	0	0	0	0
	853	887	0	0	0	0	0	0	0	0	0	0
	854	888										
WB HardinRd (E of JohnsonLn)	855	889	0	0	0	0	0	0	0	0	0	0
	856	890	0	0	0	0	0	0	0	0	0	0
	857	891										
WB FrontageRd (E of JohnsonLn)	1096	892	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	1097	893	0	0	0	0	0	0	0	0	0	0
	1098	894	0	0	0	0	0	0	0	0	0	0
	1099	895	0	0	0	0	0	0	0	0	0	0
	1100	896	0	0	0	0	0	0	0	0	0	0
	1101	897	0	0	0	0	0	0	0	0	0	0
	1102	898	0	0	0	0	0	0	0	0	0	0
	1103	899	0	0	0	0	0	0	0	0	0	0
	1104	900	0	0	0	0	0	0	0	0	0	0
	1105	901	0	0	0	0	0	0	0	0	0	0
	1106	902										
EB FrontageRd (E of JohnsonLn)	1085	903	0	0	0	0	0	0	0	0	0	0
	1086	904	0	0	0	0	0	0	0	0	0	0
	1087	905	0	0	0	0	0	0	0	0	0	0
	1088	906	0	0	0	0	0	0	0	0	0	0
	1089	907	0	0	0	0	0	0	0	0	0	0
	1090	908	0	0	0	0	0	0	0	0	0	0
	1091	909	0	0	0	0	0	0	0	0	0	0
	1092	910	0	0	0	0	0	0	0	0	0	0
	1093	911	0	0	0	0	0	0	0	0	0	0
	1094	912	0	0	0	0	0	0	0	0	0	0
	1095	913										
SB JohnsonLn (N of Frontage)	861	914	0	0	0	0	0	0	0	0	0	0
	862	915	0	0	0	0	0	0	0	0	0	0
	863	916	0	0	0	0	0	0	0	0	0	0
	864	917	0	0	0	0	0	0	0	0	0	0
	865	918	0	0	0	0	0	0	0	0	0	0
	866	919	0	0	0	0	0	0	0	0	0	0
	867	920	0	0	0	0	0	0	0	0	0	0
	868	921										
NB JohnsonLn (N of Frontage)	873	922	0	0	0	0	0	0	0	0	0	0
	874	923	0	0	0	0	0	0	0	0	0	0
	875	924	0	0	0	0	0	0	0	0	0	0
	876	925	0	0	0	0	0	0	0	0	0	0
	877	926	0	0	0	0	0	0	0	0	0	0
	878	927	0	0	0	0	0	0	0	0	0	0
	879	928	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	880	929										
SB JohnsonLn (Frontage to Ramps)	868	930	0	0	0	0	0	0	0	0	0	0
	869	931	0	0	0	0	0	0	0	0	0	0
	870	932										
NB JohnsonLn (Frontage to Ramps)	871	933	0	0	0	0	0	0	0	0	0	0
	872	934	0	0	0	0	0	0	0	0	0	0
	873	935										
SB JohnsonLn (btn Ramps)	870	936	0	0	0	0	0	0	0	0	0	0
	881	937	0	0	0	0	0	0	0	0	0	0
	882	938	0	0	0	0	0	0	0	0	0	0
	883	939	0	0	0	0	0	0	0	0	0	0
	884	940	0	0	0	0	0	0	0	0	0	0
	889	941										
NB JohnsonLn (btn Ramps)	906	942	0	0	0	0	0	0	0	0	0	0
	885	943	0	0	0	0	0	0	0	0	0	0
	886	944	0	0	0	0	0	0	0	0	0	0
	887	945	0	0	0	0	0	0	0	0	0	0
	888	946	0	0	0	0	0	0	0	0	0	0
	871	947										
SB JohnsonLn (Ramps to Hardin)	889	950	0	0	0	0	0	0	0	0	0	0
	890	951	0	0	0	0	0	0	0	0	0	0
	891	952										
NB JohnsonLn (Ramps to Hardin)	904	953	0	0	0	0	0	0	0	0	0	0
	905	954	0	0	0	0	0	0	0	0	0	0
	906	955										
SB JohnsonLn (S of Hardin)	891	956	0	0	0	0	0	0	0	0	0	0
	892	957	0	0	0	0	0	0	0	0	0	0
	893	958	0	0	0	0	0	0	0	0	0	0
	894	959	0	0	0	0	0	0	0	0	0	0
	895	960	0	0	0	0	0	0	0	0	0	0
	896	961	0	0	0	0	0	0	0	0	0	0
	897	962										
NB JohnsonLn (S of Hardin)	898	963	0	0	0	0	0	0	0	0	0	0
	899	964	0	0	0	0	0	0	0	0	0	0
	900	965	0	0	0	0	0	0	0	0	0	0
	901	966	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	902	967	0	0	0	0	0	0	0	0	0	0
	903	968	0	0	0	0	0	0	0	0	0	0
	904	969										
Shoulder1	299	970	0	0	0	0	0	0	0	0	0	0
	300	971	0	0	0	0	0	0	0	0	0	0
	301	972	0	0	0	0	0	0	0	0	0	0
	302	973	0	0	0	0	0	0	0	0	0	0
	303	974	0	0	0	0	0	0	0	0	0	0
	304	975	0	0	0	0	0	0	0	0	0	0
	305	976	0	0	0	0	0	0	0	0	0	0
	306	977	0	0	0	0	0	0	0	0	0	0
	307	978	0	0	0	0	0	0	0	0	0	0
	308	979	0	0	0	0	0	0	0	0	0	0
	309	980	0	0	0	0	0	0	0	0	0	0
	310	981	0	0	0	0	0	0	0	0	0	0
	330	982										
Shoulder2	330	983	0	0	0	0	0	0	0	0	0	0
	331	984	0	0	0	0	0	0	0	0	0	0
	332	985	0	0	0	0	0	0	0	0	0	0
	333	986	0	0	0	0	0	0	0	0	0	0
	334	987	0	0	0	0	0	0	0	0	0	0
	335	988	0	0	0	0	0	0	0	0	0	0
	336	989	0	0	0	0	0	0	0	0	0	0
	337	990	0	0	0	0	0	0	0	0	0	0
	338	991	0	0	0	0	0	0	0	0	0	0
	339	992	0	0	0	0	0	0	0	0	0	0
	340	993	0	0	0	0	0	0	0	0	0	0
	341	994	0	0	0	0	0	0	0	0	0	0
	342	995	0	0	0	0	0	0	0	0	0	0
	343	996										
Shoulder3	352	997	0	0	0	0	0	0	0	0	0	0
	353	998	0	0	0	0	0	0	0	0	0	0
	354	999	0	0	0	0	0	0	0	0	0	0
	355	1000	0	0	0	0	0	0	0	0	0	0
	356	1001	0	0	0	0	0	0	0	0	0	0
	357	1002	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	358	1003	0	0	0	0	0	0	0	0	0	0
	359	1004										
Shoulder4	558	1005	0	0	0	0	0	0	0	0	0	0
	570	1006	0	0	0	0	0	0	0	0	0	0
	571	1007	0	0	0	0	0	0	0	0	0	0
	572	1008	0	0	0	0	0	0	0	0	0	0
	573	1009	0	0	0	0	0	0	0	0	0	0
	574	1010	0	0	0	0	0	0	0	0	0	0
	575	1011	0	0	0	0	0	0	0	0	0	0
	576	1012	0	0	0	0	0	0	0	0	0	0
	577	1013	0	0	0	0	0	0	0	0	0	0
	578	1014	0	0	0	0	0	0	0	0	0	0
	579	1015	0	0	0	0	0	0	0	0	0	0
	580	1016										
Shoulder5	591	1017	0	0	0	0	0	0	0	0	0	0
	592	1018	0	0	0	0	0	0	0	0	0	0
	593	1019	0	0	0	0	0	0	0	0	0	0
	594	1020	0	0	0	0	0	0	0	0	0	0
	595	1021	0	0	0	0	0	0	0	0	0	0
	596	1022	0	0	0	0	0	0	0	0	0	0
	597	1023	0	0	0	0	0	0	0	0	0	0
	598	1024	0	0	0	0	0	0	0	0	0	0
	599	1025	0	0	0	0	0	0	0	0	0	0
	600	1026										
Shoulder6	359	1027	0	0	0	0	0	0	0	0	0	0
	360	1028	0	0	0	0	0	0	0	0	0	0
	361	1029	0	0	0	0	0	0	0	0	0	0
	362	1030	0	0	0	0	0	0	0	0	0	0
	363	1031	0	0	0	0	0	0	0	0	0	0
	364	1032	0	0	0	0	0	0	0	0	0	0
	365	1033	0	0	0	0	0	0	0	0	0	0
	366	1034	0	0	0	0	0	0	0	0	0	0
	367	1035	0	0	0	0	0	0	0	0	0	0
	368	1036	0	0	0	0	0	0	0	0	0	0
	369	1037	0	0	0	0	0	0	0	0	0	0
	370	1038	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	371	1039	0	0	0	0	0	0	0	0	0	0
	372	1040	0	0	0	0	0	0	0	0	0	0
	373	1041	0	0	0	0	0	0	0	0	0	0
	374	1042	0	0	0	0	0	0	0	0	0	0
	375	1043	0	0	0	0	0	0	0	0	0	0
	376	1044	0	0	0	0	0	0	0	0	0	0
	377	1045	0	0	0	0	0	0	0	0	0	0
	378	1046	0	0	0	0	0	0	0	0	0	0
	379	1047	0	0	0	0	0	0	0	0	0	0
	380	1048	0	0	0	0	0	0	0	0	0	0
	381	1049	0	0	0	0	0	0	0	0	0	0
	382	1050	0	0	0	0	0	0	0	0	0	0
	383	1051	0	0	0	0	0	0	0	0	0	0
	384	1052	0	0	0	0	0	0	0	0	0	0
	385	1053	0	0	0	0	0	0	0	0	0	0
	386	1054	0	0	0	0	0	0	0	0	0	0
	387	1055	0	0	0	0	0	0	0	0	0	0
	388	1056	0	0	0	0	0	0	0	0	0	0
	389	1057	0	0	0	0	0	0	0	0	0	0
	390	1058	0	0	0	0	0	0	0	0	0	0
	391	1059	0	0	0	0	0	0	0	0	0	0
	392	1060	0	0	0	0	0	0	0	0	0	0
	393	1061	0	0	0	0	0	0	0	0	0	0
	394	1062	0	0	0	0	0	0	0	0	0	0
	395	1063	0	0	0	0	0	0	0	0	0	0
	396	1064	0	0	0	0	0	0	0	0	0	0
	397	1065	0	0	0	0	0	0	0	0	0	0
	398	1066	0	0	0	0	0	0	0	0	0	0
	399	1067										
Shoulder7	399	1070	0	0	0	0	0	0	0	0	0	0
	400	1071	0	0	0	0	0	0	0	0	0	0
	401	1072	0	0	0	0	0	0	0	0	0	0
	402	1073	0	0	0	0	0	0	0	0	0	0
	403	1074	0	0	0	0	0	0	0	0	0	0
	404	1075	0	0	0	0	0	0	0	0	0	0
	405	1076	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	406	1077	0	0	0	0	0	0	0	0	0	0
	407	1078	0	0	0	0	0	0	0	0	0	0
	408	1079	0	0	0	0	0	0	0	0	0	0
	409	1080	0	0	0	0	0	0	0	0	0	0
	410	1081										
Shoulder8	446	1082	0	0	0	0	0	0	0	0	0	0
	447	1083	0	0	0	0	0	0	0	0	0	0
	448	1084	0	0	0	0	0	0	0	0	0	0
	449	1085	0	0	0	0	0	0	0	0	0	0
	450	1086	0	0	0	0	0	0	0	0	0	0
	451	1087	0	0	0	0	0	0	0	0	0	0
	452	1088	0	0	0	0	0	0	0	0	0	0
	453	1089	0	0	0	0	0	0	0	0	0	0
	454	1090	0	0	0	0	0	0	0	0	0	0
	455	1091	0	0	0	0	0	0	0	0	0	0
	456	1092	0	0	0	0	0	0	0	0	0	0
	457	1093	0	0	0	0	0	0	0	0	0	0
	458	1094	0	0	0	0	0	0	0	0	0	0
	459	1095	0	0	0	0	0	0	0	0	0	0
	460	1096	0	0	0	0	0	0	0	0	0	0
	461	1097										
Shoulder9	479	1098	0	0	0	0	0	0	0	0	0	0
	480	1099	0	0	0	0	0	0	0	0	0	0
	481	1100	0	0	0	0	0	0	0	0	0	0
	482	1101	0	0	0	0	0	0	0	0	0	0
	483	1102	0	0	0	0	0	0	0	0	0	0
	484	1103	0	0	0	0	0	0	0	0	0	0
	485	1104	0	0	0	0	0	0	0	0	0	0
	486	1105	0	0	0	0	0	0	0	0	0	0
	487	1106	0	0	0	0	0	0	0	0	0	0
	488	1107	0	0	0	0	0	0	0	0	0	0
	489	1108										
Shoulder10	513	1109	0	0	0	0	0	0	0	0	0	0
	514	1110	0	0	0	0	0	0	0	0	0	0
	515	1111	0	0	0	0	0	0	0	0	0	0
	516	1112	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	517	1113	0	0	0	0	0	0	0	0	0	0
	518	1114	0	0	0	0	0	0	0	0	0	0
	519	1115	0	0	0	0	0	0	0	0	0	0
	520	1116	0	0	0	0	0	0	0	0	0	0
	521	1117	0	0	0	0	0	0	0	0	0	0
	522	1118	0	0	0	0	0	0	0	0	0	0
	523	1119	0	0	0	0	0	0	0	0	0	0
	524	1120	0	0	0	0	0	0	0	0	0	0
	525	1121	0	0	0	0	0	0	0	0	0	0
	526	1122	0	0	0	0	0	0	0	0	0	0
	527	1123	0	0	0	0	0	0	0	0	0	0
	528	1124	0	0	0	0	0	0	0	0	0	0
	529	1125										
Shoulder11	466	1126	0	0	0	0	0	0	0	0	0	0
	467	1127	0	0	0	0	0	0	0	0	0	0
	479	1128										
Shoulder12	529	1129	0	0	0	0	0	0	0	0	0	0
	530	1130	0	0	0	0	0	0	0	0	0	0
	531	1131	0	0	0	0	0	0	0	0	0	0
	532	1132	0	0	0	0	0	0	0	0	0	0
	533	1133	0	0	0	0	0	0	0	0	0	0
	534	1134	0	0	0	0	0	0	0	0	0	0
	535	1135	0	0	0	0	0	0	0	0	0	0
	536	1136	0	0	0	0	0	0	0	0	0	0
	537	1137	0	0	0	0	0	0	0	0	0	0
	538	1138	0	0	0	0	0	0	0	0	0	0
	539	1139	0	0	0	0	0	0	0	0	0	0
	540	1140	0	0	0	0	0	0	0	0	0	0
	541	1141	0	0	0	0	0	0	0	0	0	0
	542	1142	0	0	0	0	0	0	0	0	0	0
	543	1143	0	0	0	0	0	0	0	0	0	0
	544	1144	0	0	0	0	0	0	0	0	0	0
	545	1145	0	0	0	0	0	0	0	0	0	0
	546	1146	0	0	0	0	0	0	0	0	0	0
	547	1147	0	0	0	0	0	0	0	0	0	0
	548	1148	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	549	1149	0	0	0	0	0	0	0	0	0	0
	550	1150	0	0	0	0	0	0	0	0	0	0
	551	1151	0	0	0	0	0	0	0	0	0	0
	552	1152	0	0	0	0	0	0	0	0	0	0
	553	1153	0	0	0	0	0	0	0	0	0	0
	554	1154	0	0	0	0	0	0	0	0	0	0
	555	1155	0	0	0	0	0	0	0	0	0	0
	556	1156	0	0	0	0	0	0	0	0	0	0
	557	1157	0	0	0	0	0	0	0	0	0	0
	558	1158										
Shoulder13	600	1159	0	0	0	0	0	0	0	0	0	0
	601	1160	0	0	0	0	0	0	0	0	0	0
	602	1161	0	0	0	0	0	0	0	0	0	0
	603	1162	0	0	0	0	0	0	0	0	0	0
	604	1163	0	0	0	0	0	0	0	0	0	0
	605	1164	0	0	0	0	0	0	0	0	0	0
	606	1165										

INPUT: RECEIVERS

Lockwood Interchange

MDT													
HDR													
INPUT: RECEIVERS													
PROJECT/CONTRACT:	Lockwood Interchange												
RUN:	Existing Alternative												
Receiver													
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active		
			X	Y	Z	above	Existing	Impact Criteria		NR	in		
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.		
			ft	ft	ft	ft	dBA	dBA	dB	dB			
Receiver1	1	1	2,233,722.2	564,897.6	3,179.00	5.00	0.00	66	13.0	7.0	Y		
Receiver2	2	1	2,234,033.0	564,885.5	3,185.00	5.00	0.00	66	13.0	7.0	Y		
Receiver3	3	1	2,234,114.8	564,981.0	3,188.00	5.00	0.00	66	13.0	7.0	Y		
Receiver4	4	1	2,235,094.0	564,953.2	3,189.00	5.00	0.00	66	13.0	7.0	Y		
Receiver5	5	1	2,235,034.8	564,515.7	3,233.00	5.00	0.00	66	13.0	7.0	Y		
Receiver6	6	1	2,235,434.0	565,487.9	3,154.00	5.00	0.00	66	13.0	7.0	Y		
Receiver7	7	1	2,235,611.2	565,536.5	3,159.00	5.00	0.00	66	13.0	7.0	Y		
Receiver8	8	1	2,235,354.2	565,015.7	3,183.00	5.00	0.00	66	13.0	7.0	Y		
Receiver9	9	1	2,235,446.5	565,151.1	3,166.00	5.00	0.00	66	13.0	7.0	Y		
Receiver10	10	1	2,235,667.5	565,169.9	3,168.00	5.00	0.00	66	13.0	7.0	Y		
Receiver11	11	1	2,235,561.2	564,815.7	3,182.00	5.00	0.00	66	13.0	7.0	Y		
Receiver12	12	1	2,235,767.5	564,826.1	3,189.00	5.00	0.00	66	13.0	7.0	Y		
Receiver13	13	1	2,235,807.0	564,715.7	3,197.00	5.00	0.00	66	13.0	7.0	Y		
Receiver14	14	1	2,235,907.0	565,007.4	3,182.00	5.00	0.00	66	13.0	7.0	Y		
Receiver15	15	1	2,235,967.5	565,009.4	3,184.00	5.00	0.00	66	13.0	7.0	Y		
Receiver16	16	1	2,235,915.5	564,894.9	3,187.00	5.00	0.00	66	13.0	7.0	Y		
Receiver17	17	1	2,236,065.5	565,017.8	3,184.00	5.00	0.00	66	13.0	7.0	Y		
Receiver18	18	1	2,236,144.5	564,994.9	3,187.00	5.00	0.00	66	13.0	7.0	Y		
Receiver19	19	1	2,236,030.0	564,871.9	3,190.00	5.00	0.00	66	13.0	7.0	Y		
Receiver20	20	1	2,236,090.5	564,867.8	3,191.00	5.00	0.00	66	13.0	7.0	Y		
Receiver21	21	1	2,236,167.5	564,859.4	3,192.00	5.00	0.00	66	13.0	7.0	Y		
Receiver22	22	1	2,235,888.2	565,124.0	3,173.00	5.00	0.00	66	13.0	7.0	Y		

INPUT: RECEIVERS

Lockwood Interchange

Receiver23	23	1	2,236,046.5	565,186.5	3,178.00	5.00	0.00	66	13.0	7.0	Y
Receiver24	24	1	2,236,375.8	565,371.9	3,165.00	5.00	0.00	66	13.0	7.0	Y
Receiver25	25	1	2,236,267.5	564,996.9	3,188.00	5.00	0.00	66	13.0	7.0	Y
Receiver26	26	1	2,236,357.0	564,992.8	3,188.00	5.00	0.00	66	13.0	7.0	Y
Receiver27	27	1	2,236,407.0	565,001.1	3,187.00	5.00	0.00	66	13.0	7.0	Y
Receiver28	28	1	2,236,453.0	564,978.2	3,186.00	5.00	0.00	66	13.0	7.0	Y
Receiver29	29	1	2,236,413.2	564,755.3	3,196.00	5.00	0.00	66	13.0	7.0	Y
Receiver30	30	1	2,236,571.5	565,184.4	3,173.00	5.00	0.00	66	13.0	7.0	Y
Receiver31	31	1	2,235,609.5	566,110.8	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver32	32	1	2,235,611.2	566,074.4	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver33	33	1	2,235,613.0	566,034.4	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver34	34	1	2,235,618.2	565,991.0	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver35	35	1	2,235,616.5	565,954.6	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver36	36	1	2,235,618.2	565,907.7	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver37	37	1	2,235,621.5	565,873.0	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver38	38	1	2,235,620.0	565,843.5	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver39	39	1	2,235,623.5	565,798.3	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver40	40	1	2,235,627.0	565,723.7	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver41	41	1	2,235,677.2	565,735.8	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver42	42	1	2,235,717.0	565,730.6	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver43	43	1	2,235,625.0	565,642.1	3,147.00	5.00	0.00	66	13.0	7.0	Y
Receiver44	44	1	2,235,727.5	565,619.5	3,143.00	5.00	0.00	66	13.0	7.0	Y
Receiver45	45	1	2,235,788.2	565,661.2	3,142.00	5.00	0.00	66	13.0	7.0	Y
Receiver46	46	1	2,235,828.2	565,682.0	3,142.00	5.00	0.00	66	13.0	7.0	Y
Receiver47	47	1	2,235,859.5	565,709.8	3,141.00	5.00	0.00	66	13.0	7.0	Y
Receiver48	48	1	2,235,899.5	565,734.1	3,141.00	5.00	0.00	66	13.0	7.0	Y
Receiver49	49	1	2,235,781.5	565,777.5	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver50	50	1	2,235,819.5	565,761.9	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver51	51	1	2,235,743.2	566,154.2	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver52	52	1	2,235,745.0	566,103.9	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver53	53	1	2,235,739.8	566,055.3	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver54	54	1	2,235,753.5	566,025.8	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver55	55	1	2,235,745.0	565,977.2	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver56	56	1	2,235,745.0	565,935.5	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver57	57	1	2,235,752.0	565,890.4	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver58	58	1	2,235,882.0	566,182.0	3,137.00	5.00	0.00	66	13.0	7.0	Y

INPUT: RECEIVERS

Lockwood Interchange

Receiver59	59	1	2,235,889.0	566,138.6	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver60	60	1	2,235,894.2	566,107.4	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver61	61	1	2,235,901.2	566,070.9	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver62	62	1	2,235,897.8	566,041.4	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver63	63	1	2,235,897.8	566,004.9	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver64	64	1	2,235,890.8	565,966.7	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver65	65	1	2,235,890.8	565,926.8	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver66	66	1	2,235,887.2	565,899.0	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver67	67	1	2,235,863.0	565,864.3	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver68	68	1	2,235,873.5	566,270.6	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver69	69	1	2,235,962.0	566,268.8	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver70	70	1	2,236,003.5	566,277.5	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver71	71	1	2,235,939.5	566,124.7	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver72	72	1	2,235,993.2	566,126.5	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver73	73	1	2,235,965.5	565,980.6	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver74	74	1	2,235,977.5	565,899.0	3,141.00	5.00	0.00	66	13.0	7.0	Y
Receiver75	75	1	2,236,080.0	566,274.0	3,142.00	5.00	0.00	66	13.0	7.0	Y
Receiver76	76	1	2,236,062.5	566,192.4	3,141.00	5.00	0.00	66	13.0	7.0	Y
Receiver77	77	1	2,236,088.8	565,965.0	3,142.00	5.00	0.00	66	13.0	7.0	Y
Receiver78	78	1	2,234,882.0	566,064.0	3,125.00	5.00	0.00	66	13.0	7.0	Y
Receiver79	79	1	2,234,989.8	566,100.4	3,127.00	5.00	0.00	66	13.0	7.0	Y
Receiver80	80	1	2,234,875.0	566,126.5	3,123.00	5.00	0.00	66	13.0	7.0	Y
Receiver81	81	1	2,234,908.0	566,128.2	3,124.00	5.00	0.00	66	13.0	7.0	Y
Receiver82	82	1	2,234,854.2	566,202.9	3,121.00	5.00	0.00	66	13.0	7.0	Y
Receiver83	83	1	2,234,883.8	566,216.7	3,122.00	5.00	0.00	66	13.0	7.0	Y
Receiver84	84	1	2,234,909.8	566,220.2	3,122.00	5.00	0.00	66	13.0	7.0	Y
Receiver85	85	1	2,234,937.5	566,223.7	3,123.00	5.00	0.00	66	13.0	7.0	Y
Receiver86	86	1	2,234,962.0	566,223.7	3,123.00	5.00	0.00	66	13.0	7.0	Y
Receiver87	87	1	2,234,989.8	566,223.7	3,124.00	5.00	0.00	66	13.0	7.0	Y
Receiver88	88	1	2,235,017.5	566,225.4	3,125.00	5.00	0.00	66	13.0	7.0	Y
Receiver89	89	1	2,235,076.5	566,121.3	3,129.00	5.00	0.00	66	13.0	7.0	Y
Receiver90	90	1	2,235,113.0	566,140.4	3,129.00	5.00	0.00	66	13.0	7.0	Y
Receiver91	91	1	2,235,090.5	566,239.3	3,126.00	5.00	0.00	66	13.0	7.0	Y
Receiver92	92	1	2,235,192.8	566,227.2	3,130.00	5.00	0.00	66	13.0	7.0	Y
Receiver93	93	1	2,235,246.5	566,234.1	3,131.00	5.00	0.00	66	13.0	7.0	Y
Receiver94	94	1	2,235,074.8	566,393.8	3,124.00	5.00	0.00	66	13.0	7.0	Y

INPUT: RECEIVERS

Lockwood Interchange

Receiver95	95	1	2,235,123.5	566,471.9	3,123.00	5.00	0.00	66	13.0	7.0	Y
Receiver96	96	1	2,235,319.5	566,473.7	3,125.00	5.00	0.00	66	13.0	7.0	Y
Receiver97	97	1	2,235,442.8	566,510.1	3,125.00	5.00	0.00	66	13.0	7.0	Y
Receiver98	98	1	2,236,248.5	566,926.8	3,121.00	5.00	0.00	66	13.0	7.0	Y
Receiver99	99	1	2,236,227.5	567,027.5	3,119.00	5.00	0.00	66	13.0	7.0	Y
Receiver100	100	1	2,236,238.0	567,091.7	3,119.00	5.00	0.00	66	13.0	7.0	Y
Receiver101	101	1	2,236,396.0	566,546.6	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver102	102	1	2,236,482.8	566,583.1	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver103	103	1	2,236,651.2	566,654.2	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver104	104	1	2,236,715.5	566,628.2	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver105	105	1	2,236,786.5	566,748.0	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver106	106	1	2,236,911.5	566,760.1	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver107	107	1	2,237,721.0	567,785.1	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver108	108	1	2,237,702.2	567,224.7	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver109	109	1	2,238,731.5	568,372.6	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver110	110	1	2,238,877.2	568,518.5	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver111	111	1	2,238,860.5	568,658.1	3,128.00	5.00	0.00	66	13.0	7.0	Y
Receiver112	112	1	2,239,029.2	568,666.4	3,129.00	5.00	0.00	66	13.0	7.0	Y
Receiver113	113	1	2,239,064.8	568,741.4	3,129.00	5.00	0.00	66	13.0	7.0	Y
Receiver114	114	1	2,239,237.5	568,668.5	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver115	115	1	2,239,381.5	568,747.6	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver116	116	1	2,239,164.8	568,847.6	3,127.00	5.00	0.00	66	13.0	7.0	Y
Receiver117	117	1	2,238,771.0	567,687.2	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver118	118	1	2,238,887.5	567,849.7	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver119	119	1	2,239,223.0	568,260.1	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver120	120	1	2,239,210.5	568,149.7	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver121	121	1	2,239,189.8	568,031.0	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver122	122	1	2,239,389.8	568,243.5	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver123	123	1	2,239,362.5	568,135.1	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver124	124	1	2,239,533.5	568,253.9	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver125	125	1	2,238,914.8	567,631.0	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver126	126	1	2,239,596.0	568,033.1	3,141.00	5.00	0.00	66	13.0	7.0	Y
Receiver127	127	1	2,239,635.5	568,085.1	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver128	128	1	2,239,760.5	568,168.5	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver129	129	1	2,239,844.0	568,233.1	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver130	130	1	2,242,212.5	569,712.2	3,134.00	5.00	0.00	66	13.0	7.0	Y

INPUT: RECEIVERS**Lockwood Interchange**

Receiver131	131	1	2,242,416.8	569,858.1	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver132	132	1	2,242,594.0	569,714.3	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver133	133	1	2,242,852.2	570,068.5	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver134	134	1	2,242,960.5	570,099.7	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver135	135	1	2,243,135.5	570,293.5	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver136	136	1	2,243,125.0	570,106.0	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver137	137	1	2,243,200.0	570,558.1	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver138	138	1	2,243,258.5	570,381.0	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver139	139	1	2,243,327.2	570,316.4	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver140	140	1	2,243,360.5	570,441.4	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver141	141	1	2,243,419.0	570,489.3	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver142	142	1	2,243,489.8	570,524.7	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver143	143	1	2,243,614.8	570,541.4	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver144	144	1	2,243,666.8	570,633.1	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver145	145	1	2,243,785.5	570,701.8	3,141.00	5.00	0.00	66	13.0	7.0	Y
Receiver146	146	1	2,243,952.2	570,803.9	3,142.00	5.00	0.00	66	13.0	7.0	Y

RESULTS: SOUND LEVELS

Lockwood Interchange

MDT													11 December 2020	
HDR													TNM 2.5	
RESULTS: SOUND LEVELS													Calculated with TNM 2.5	
PROJECT/CONTRACT:			Lockwood Interchange											
RUN:			Existing Alternative											
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH											
Receiver														
Name	No.	#DUs	Existing	No Barrier				With Barrier						
			LAeq1h	LAeq1h	Crit'n	Increase over	existing	Type	Calculated	Noise Reduction	Goal	Calculated		
				Calculated		Calculated	Crit'n	Impact	LAeq1h	Calculated		minus		
							Sub'l Inc					Goal		
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB		
Receiver1	1	1	0.0	63.5	66	63.5	13	----	63.5	0.0	7	-7.0		
Receiver2	2	1	0.0	61.1	66	61.1	13	----	61.1	0.0	7	-7.0		
Receiver3	3	1	0.0	63.6	66	63.6	13	----	63.6	0.0	7	-7.0		
Receiver4	4	1	0.0	58.2	66	58.2	13	----	58.2	0.0	7	-7.0		
Receiver5	5	1	0.0	57.5	66	57.5	13	----	57.5	0.0	7	-7.0		
Receiver6	6	1	0.0	60.1	66	60.1	13	----	60.1	0.0	7	-7.0		
Receiver7	7	1	0.0	61.2	66	61.2	13	----	61.2	0.0	7	-7.0		
Receiver8	8	1	0.0	58.0	66	58.0	13	----	58.0	0.0	7	-7.0		
Receiver9	9	1	0.0	58.7	66	58.7	13	----	58.7	0.0	7	-7.0		
Receiver10	10	1	0.0	57.7	66	57.7	13	----	57.7	0.0	7	-7.0		
Receiver11	11	1	0.0	53.1	66	53.1	13	----	53.1	0.0	7	-7.0		
Receiver12	12	1	0.0	53.0	66	53.0	13	----	53.0	0.0	7	-7.0		
Receiver13	13	1	0.0	52.5	66	52.5	13	----	52.5	0.0	7	-7.0		
Receiver14	14	1	0.0	54.0	66	54.0	13	----	54.0	0.0	7	-7.0		
Receiver15	15	1	0.0	54.1	66	54.1	13	----	54.1	0.0	7	-7.0		
Receiver16	16	1	0.0	53.0	66	53.0	13	----	53.0	0.0	7	-7.0		
Receiver17	17	1	0.0	53.2	66	53.2	13	----	53.2	0.0	7	-7.0		
Receiver18	18	1	0.0	53.0	66	53.0	13	----	53.0	0.0	7	-7.0		
Receiver19	19	1	0.0	52.5	66	52.5	13	----	52.5	0.0	7	-7.0		
Receiver20	20	1	0.0	52.2	66	52.2	13	----	52.2	0.0	7	-7.0		
Receiver21	21	1	0.0	51.9	66	51.9	13	----	51.9	0.0	7	-7.0		
Receiver22	22	1	0.0	55.3	66	55.3	13	----	55.3	0.0	7	-7.0		
Receiver23	23	1	0.0	55.6	66	55.6	13	----	55.6	0.0	7	-7.0		
Receiver24	24	1	0.0	54.0	66	54.0	13	----	54.0	0.0	7	-7.0		

RESULTS: SOUND LEVELS

Lockwood Interchange

Receiver25	25	1	0.0	52.4	66	52.4	13	----	52.4	0.0	7	-7.0
Receiver26	26	1	0.0	51.9	66	51.9	13	----	51.9	0.0	7	-7.0
Receiver27	27	1	0.0	51.6	66	51.6	13	----	51.6	0.0	7	-7.0
Receiver28	28	1	0.0	51.1	66	51.1	13	----	51.1	0.0	7	-7.0
Receiver29	29	1	0.0	50.6	66	50.6	13	----	50.6	0.0	7	-7.0
Receiver30	30	1	0.0	52.0	66	52.0	13	----	52.0	0.0	7	-7.0
Receiver31	31	1	0.0	69.9	66	69.9	13	Snd Lvl	69.9	0.0	7	-7.0
Receiver32	32	1	0.0	68.6	66	68.6	13	Snd Lvl	68.6	0.0	7	-7.0
Receiver33	33	1	0.0	67.2	66	67.2	13	Snd Lvl	67.2	0.0	7	-7.0
Receiver34	34	1	0.0	65.8	66	65.8	13	----	65.8	0.0	7	-7.0
Receiver35	35	1	0.0	65.2	66	65.2	13	----	65.2	0.0	7	-7.0
Receiver36	36	1	0.0	64.1	66	64.1	13	----	64.1	0.0	7	-7.0
Receiver37	37	1	0.0	63.2	66	63.2	13	----	63.2	0.0	7	-7.0
Receiver38	38	1	0.0	62.6	66	62.6	13	----	62.6	0.0	7	-7.0
Receiver39	39	1	0.0	61.8	66	61.8	13	----	61.8	0.0	7	-7.0
Receiver40	40	1	0.0	60.6	66	60.6	13	----	60.6	0.0	7	-7.0
Receiver41	41	1	0.0	60.5	66	60.5	13	----	60.5	0.0	7	-7.0
Receiver42	42	1	0.0	60.4	66	60.4	13	----	60.4	0.0	7	-7.0
Receiver43	43	1	0.0	60.3	66	60.3	13	----	60.3	0.0	7	-7.0
Receiver44	44	1	0.0	60.2	66	60.2	13	----	60.2	0.0	7	-7.0
Receiver45	45	1	0.0	60.6	66	60.6	13	----	60.6	0.0	7	-7.0
Receiver46	46	1	0.0	60.9	66	60.9	13	----	60.9	0.0	7	-7.0
Receiver47	47	1	0.0	61.1	66	61.1	13	----	61.1	0.0	7	-7.0
Receiver48	48	1	0.0	61.4	66	61.4	13	----	61.4	0.0	7	-7.0
Receiver49	49	1	0.0	60.9	66	60.9	13	----	60.9	0.0	7	-7.0
Receiver50	50	1	0.0	60.8	66	60.8	13	----	60.8	0.0	7	-7.0
Receiver51	51	1	0.0	68.2	66	68.2	13	Snd Lvl	68.2	0.0	7	-7.0
Receiver52	52	1	0.0	66.8	66	66.8	13	Snd Lvl	66.8	0.0	7	-7.0
Receiver53	53	1	0.0	65.7	66	65.7	13	----	65.7	0.0	7	-7.0
Receiver54	54	1	0.0	64.9	66	64.9	13	----	64.9	0.0	7	-7.0
Receiver55	55	1	0.0	63.9	66	63.9	13	----	63.9	0.0	7	-7.0
Receiver56	56	1	0.0	63.2	66	63.2	13	----	63.2	0.0	7	-7.0
Receiver57	57	1	0.0	62.3	66	62.3	13	----	62.3	0.0	7	-7.0
Receiver58	58	1	0.0	66.6	66	66.6	13	Snd Lvl	66.6	0.0	7	-7.0
Receiver59	59	1	0.0	65.5	66	65.5	13	----	65.5	0.0	7	-7.0
Receiver60	60	1	0.0	64.8	66	64.8	13	----	64.8	0.0	7	-7.0
Receiver61	61	1	0.0	64.0	66	64.0	13	----	64.0	0.0	7	-7.0
Receiver62	62	1	0.0	63.5	66	63.5	13	----	63.5	0.0	7	-7.0
Receiver63	63	1	0.0	62.9	66	62.9	13	----	62.9	0.0	7	-7.0
Receiver64	64	1	0.0	62.4	66	62.4	13	----	62.4	0.0	7	-7.0
Receiver65	65	1	0.0	61.9	66	61.9	13	----	61.9	0.0	7	-7.0

RESULTS: SOUND LEVELS

Lockwood Interchange

Receiver66	66	1	0.0	61.6	66	61.6	13	----	61.6	0.0	7	-7.0
Receiver67	67	1	0.0	61.3	66	61.3	13	----	61.3	0.0	7	-7.0
Receiver68	68	1	0.0	70.1	66	70.1	13	Snd Lvl	70.1	0.0	7	-7.0
Receiver69	69	1	0.0	68.0	66	68.0	13	Snd Lvl	68.0	0.0	7	-7.0
Receiver70	70	1	0.0	67.6	66	67.6	13	Snd Lvl	67.6	0.0	7	-7.0
Receiver71	71	1	0.0	64.7	66	64.7	13	----	64.7	0.0	7	-7.0
Receiver72	72	1	0.0	64.1	66	64.1	13	----	64.1	0.0	7	-7.0
Receiver73	73	1	0.0	62.1	66	62.1	13	----	62.1	0.0	7	-7.0
Receiver74	74	1	0.0	61.7	66	61.7	13	----	61.7	0.0	7	-7.0
Receiver75	75	1	0.0	66.6	66	66.6	13	Snd Lvl	66.6	0.0	7	-7.0
Receiver76	76	1	0.0	64.8	66	64.8	13	----	64.8	0.0	7	-7.0
Receiver77	77	1	0.0	62.5	66	62.5	13	----	62.5	0.0	7	-7.0
Receiver78	78	1	0.0	64.3	66	64.3	13	----	64.3	0.0	7	-7.0
Receiver79	79	1	0.0	68.4	66	68.4	13	Snd Lvl	68.4	0.0	7	-7.0
Receiver80	80	1	0.0	65.2	66	65.2	13	----	65.2	0.0	7	-7.0
Receiver81	81	1	0.0	65.9	66	65.9	13	----	65.9	0.0	7	-7.0
Receiver82	82	1	0.0	64.6	66	64.6	13	----	64.6	0.0	7	-7.0
Receiver83	83	1	0.0	65.3	66	65.3	13	----	65.3	0.0	7	-7.0
Receiver84	84	1	0.0	65.7	66	65.7	13	----	65.7	0.0	7	-7.0
Receiver85	85	1	0.0	66.1	66	66.1	13	Snd Lvl	66.1	0.0	7	-7.0
Receiver86	86	1	0.0	66.4	66	66.4	13	Snd Lvl	66.4	0.0	7	-7.0
Receiver87	87	1	0.0	66.9	66	66.9	13	Snd Lvl	66.9	0.0	7	-7.0
Receiver88	88	1	0.0	67.4	66	67.4	13	Snd Lvl	67.4	0.0	7	-7.0
Receiver89	89	1	0.0	71.7	66	71.7	13	Snd Lvl	71.7	0.0	7	-7.0
Receiver90	90	1	0.0	72.3	66	72.3	13	Snd Lvl	72.3	0.0	7	-7.0
Receiver91	91	1	0.0	68.6	66	68.6	13	Snd Lvl	68.6	0.0	7	-7.0
Receiver92	92	1	0.0	71.2	66	71.2	13	Snd Lvl	71.2	0.0	7	-7.0
Receiver93	93	1	0.0	72.4	66	72.4	13	Snd Lvl	72.4	0.0	7	-7.0
Receiver94	94	1	0.0	72.2	66	72.2	13	Snd Lvl	72.2	0.0	7	-7.0
Receiver95	95	1	0.0	65.7	66	65.7	13	----	65.7	0.0	7	-7.0
Receiver96	96	1	0.0	67.4	66	67.4	13	Snd Lvl	67.4	0.0	7	-7.0
Receiver97	97	1	0.0	68.0	66	68.0	13	Snd Lvl	68.0	0.0	7	-7.0
Receiver98	98	1	0.0	70.2	66	70.2	13	Snd Lvl	70.2	0.0	7	-7.0
Receiver99	99	1	0.0	65.7	66	65.7	13	----	65.7	0.0	7	-7.0
Receiver100	100	1	0.0	64.6	66	64.6	13	----	64.6	0.0	7	-7.0
Receiver101	101	1	0.0	68.8	66	68.8	13	Snd Lvl	68.8	0.0	7	-7.0
Receiver102	102	1	0.0	68.7	66	68.7	13	Snd Lvl	68.7	0.0	7	-7.0
Receiver103	103	1	0.0	68.1	66	68.1	13	Snd Lvl	68.1	0.0	7	-7.0
Receiver104	104	1	0.0	66.7	66	66.7	13	Snd Lvl	66.7	0.0	7	-7.0
Receiver105	105	1	0.0	68.0	66	68.0	13	Snd Lvl	68.0	0.0	7	-7.0
Receiver106	106	1	0.0	66.8	66	66.8	13	Snd Lvl	66.8	0.0	7	-7.0

RESULTS: SOUND LEVELS

Lockwood Interchange

Receiver107	107	1	0.0	70.6	66	70.6	13	Snd Lvl	70.6	0.0	7	-7.0
Receiver108	108	1	0.0	66.4	66	66.4	13	Snd Lvl	66.4	0.0	7	-7.0
Receiver109	109	1	0.0	71.6	66	71.6	13	Snd Lvl	71.6	0.0	7	-7.0
Receiver110	110	1	0.0	68.7	66	68.7	13	Snd Lvl	68.7	0.0	7	-7.0
Receiver111	111	1	0.0	64.1	66	64.1	13	----	64.1	0.0	7	-7.0
Receiver112	112	1	0.0	65.7	66	65.7	13	----	65.7	0.0	7	-7.0
Receiver113	113	1	0.0	64.6	66	64.6	13	----	64.6	0.0	7	-7.0
Receiver114	114	1	0.0	70.6	66	70.6	13	Snd Lvl	70.6	0.0	7	-7.0
Receiver115	115	1	0.0	70.8	66	70.8	13	Snd Lvl	70.8	0.0	7	-7.0
Receiver116	116	1	0.0	63.3	66	63.3	13	----	63.3	0.0	7	-7.0
Receiver117	117	1	0.0	68.5	66	68.5	13	Snd Lvl	68.5	0.0	7	-7.0
Receiver118	118	1	0.0	66.0	66	66.0	13	Snd Lvl	66.0	0.0	7	-7.0
Receiver119	119	1	0.0	72.1	66	72.1	13	Snd Lvl	72.1	0.0	7	-7.0
Receiver120	120	1	0.0	68.0	66	68.0	13	Snd Lvl	68.0	0.0	7	-7.0
Receiver121	121	1	0.0	65.9	66	65.9	13	----	65.9	0.0	7	-7.0
Receiver122	122	1	0.0	67.8	66	67.8	13	Snd Lvl	67.8	0.0	7	-7.0
Receiver123	123	1	0.0	66.1	66	66.1	13	Snd Lvl	66.1	0.0	7	-7.0
Receiver124	124	1	0.0	66.4	66	66.4	13	Snd Lvl	66.4	0.0	7	-7.0
Receiver125	125	1	0.0	67.9	66	67.9	13	Snd Lvl	67.9	0.0	7	-7.0
Receiver126	126	1	0.0	65.5	66	65.5	13	----	65.5	0.0	7	-7.0
Receiver127	127	1	0.0	67.9	66	67.9	13	Snd Lvl	67.9	0.0	7	-7.0
Receiver128	128	1	0.0	68.4	66	68.4	13	Snd Lvl	68.4	0.0	7	-7.0
Receiver129	129	1	0.0	69.6	66	69.6	13	Snd Lvl	69.6	0.0	7	-7.0
Receiver130	130	1	0.0	68.6	66	68.6	13	Snd Lvl	68.6	0.0	7	-7.0
Receiver131	131	1	0.0	70.0	66	70.0	13	Snd Lvl	70.0	0.0	7	-7.0
Receiver132	132	1	0.0	61.1	66	61.1	13	----	61.1	0.0	7	-7.0
Receiver133	133	1	0.0	65.3	66	65.3	13	----	65.3	0.0	7	-7.0
Receiver134	134	1	0.0	64.1	66	64.1	13	----	64.1	0.0	7	-7.0
Receiver135	135	1	0.0	68.0	66	68.0	13	Snd Lvl	68.0	0.0	7	-7.0
Receiver136	136	1	0.0	61.7	66	61.7	13	----	61.7	0.0	7	-7.0
Receiver137	137	1	0.0	69.4	66	69.4	13	Snd Lvl	69.4	0.0	7	-7.0
Receiver138	138	1	0.0	68.9	66	68.9	13	Snd Lvl	68.9	0.0	7	-7.0
Receiver139	139	1	0.0	63.0	66	63.0	13	----	63.0	0.0	7	-7.0
Receiver140	140	1	0.0	68.4	66	68.4	13	Snd Lvl	68.4	0.0	7	-7.0
Receiver141	141	1	0.0	69.3	66	69.3	13	Snd Lvl	69.3	0.0	7	-7.0
Receiver142	142	1	0.0	68.4	66	68.4	13	Snd Lvl	68.4	0.0	7	-7.0
Receiver143	143	1	0.0	63.8	66	63.8	13	----	63.8	0.0	7	-7.0
Receiver144	144	1	0.0	67.7	66	67.7	13	Snd Lvl	67.7	0.0	7	-7.0
Receiver145	145	1	0.0	66.5	66	66.5	13	Snd Lvl	66.5	0.0	7	-7.0
Receiver146	146	1	0.0	65.9	66	65.9	13	----	65.9	0.0	7	-7.0
Dwelling Units		# DUs	Noise Reduction									

RESULTS: SOUND LEVELS

Lockwood Interchange

		Min	Avg	Max						
		dB	dB	dB						
All Selected		146	0.0	0.0	0.0					
All Impacted		57	0.0	0.0	0.0					
All that meet NR Goal		0	0.0	0.0	0.0					

INPUT: ROADWAYS

Lockwood Interchange

MDT							11 December 2020					
HDR							TNM 2.5					
INPUT: ROADWAYS							Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA					
PROJECT/CONTRACT:	Lockwood Interchange											
RUN:	Build Alternative											
Roadway Name	Width	Points		Coordinates (pavement)			Flow Control			Segment		
		Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
NE I90 (W of US87 OffR)out	12.5	1	1	2,231,256.2	564,363.2	3,138.00				Average		
		2	2	2,231,375.5	564,405.4	3,140.00				Average		
		3	3	2,231,538.5	564,462.6	3,144.00				Average		
		4	4	2,231,731.2	564,532.1	3,148.00				Average		
		5	5	2,232,000.0	564,626.7	3,154.00				Average		
		6	6	2,232,249.2	564,715.5	3,160.00				Average		
		7	7	2,232,453.0	564,788.4	3,164.00				Average		
		8	8	2,232,666.8	564,864.2	3,166.00				Average		
		9	9	2,232,826.8	564,920.9	3,169.00				Average		
NE I90 (W of US87 OffR)in	12.5	83	13	2,231,252.2	564,374.5	3,138.00				Average		
		84	14	2,231,371.5	564,416.7	3,142.00				Average		
		85	15	2,231,534.5	564,473.9	3,144.00				Average		
		86	16	2,231,727.2	564,543.4	3,148.00				Average		
		87	17	2,231,996.0	564,638.0	3,154.00				Average		
		88	18	2,232,245.2	564,726.8	3,160.00				Average		
		89	19	2,232,449.0	564,799.7	3,164.00				Average		
		90	20	2,232,662.8	564,875.5	3,166.00				Average		
		91	21	2,232,822.8	564,932.2	3,168.00				Average		
NE I90 (btn US87 ramps)out	12.5	9	1168	2,232,826.8	564,920.9	3,169.00				Average		
		10	1167	2,232,956.2	564,966.3	3,169.00				Average		
		11	1166	2,233,134.5	565,029.2	3,167.00				Average		
		12	25	2,233,385.5	565,118.8	3,162.00				Average		
		13	26	2,233,474.2	565,149.6	3,166.00				Average		
		14	27	2,233,720.0	565,238.0	3,160.00				Average		
		15	28	2,233,891.5	565,303.1	3,149.00				Average		

INPUT: ROADWAYS

Lockwood Interchange

		16	29	2,234,025.5	565,359.8	3,145.00				Average	
		17	30	2,234,172.8	565,426.1	3,140.00				Average	
		18	31	2,234,286.0	565,481.6	3,137.00				Average	
		19	32	2,234,431.8	565,555.8	3,135.00				Average	
		20	33	2,234,599.8	565,648.4	3,134.00				Average	
		21	34	2,234,767.2	565,746.4	3,134.00				Average	
		22	35	2,234,905.8	565,827.6	3,135.00				Average	
		23	36	2,235,121.5	565,955.1	3,135.00				Average	
		24	37	2,235,288.0	566,052.6	3,136.00				Average	
		25	38	2,235,486.0	566,168.9	3,136.00				Average	
		26	39	2,235,633.5	566,256.0	3,136.00				Average	
		27	1169	2,235,731.0	566,313.5	3,136.00				Average	
		49	40	2,236,011.5	566,487.4	3,137.00					
NE I90 (btn US87 ramps)in	12.5	91	1172	2,232,822.8	564,932.2	3,168.00				Average	
		92	1171	2,232,952.2	564,977.6	3,168.00				Average	
		93	1170	2,233,130.5	565,040.5	3,166.00				Average	
		94	41	2,233,381.5	565,130.1	3,162.00				Average	
		95	42	2,233,470.2	565,161.0	3,162.00				Average	
		96	43	2,233,716.0	565,249.3	3,160.00				Average	
		97	44	2,233,887.0	565,314.2	3,148.00				Average	
		98	45	2,234,020.5	565,370.8	3,144.00				Average	
		99	46	2,234,167.5	565,437.0	3,140.00				Average	
		100	47	2,234,280.8	565,492.3	3,137.00				Average	
		101	48	2,234,426.0	565,566.4	3,135.00				Average	
		102	49	2,234,593.8	565,658.8	3,134.00				Average	
		103	50	2,234,761.2	565,756.7	3,134.00				Average	
		104	51	2,234,899.5	565,838.0	3,134.00				Average	
		105	52	2,235,115.5	565,965.5	3,135.00				Average	
		106	53	2,235,282.0	566,063.0	3,135.00				Average	
		107	54	2,235,480.0	566,179.2	3,136.00				Average	
		108	55	2,235,627.5	566,266.3	3,136.00				Average	
		109	1173	2,235,725.0	566,323.8	3,136.00				Average	
		97	56	2,236,005.5	566,497.7	3,136.00					
NE I90 (btn JohnsonLn ramps)out	12.5	68	141	2,244,088.0	571,448.0	3,143.00				Average	
		69	142	2,244,294.5	571,605.6	3,145.00				Average	
		70	143	2,244,469.2	571,746.5	3,146.00				Average	
		71	144	2,244,645.2	571,895.7	3,147.00				Average	
		72	145	2,244,798.8	572,028.3	3,148.00				Average	
		73	146	2,245,001.8	572,214.6	3,149.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		74	147	2,245,146.8	572,347.2	3,134.00				Average	
		75	148	2,245,250.5	572,445.5	3,138.00				Average	Y
		76	149	2,245,361.0	572,546.7	3,142.00				Average	
		77	150	2,245,540.0	572,715.9	3,142.00				Average	
		78	151	2,245,896.2	573,048.0	3,132.00				Average	
		79	152	2,246,097.2	573,236.9	3,124.00				Average	
		80	153	2,246,172.0	573,306.4	3,124.00				Average	
		81	154	2,246,355.0	573,478.3	3,128.00				Average	
		82	155	2,246,620.2	573,726.5	3,132.00					
NE I90 (btn JohnsonLn ramps)in	12.5	150	156	2,244,080.5	571,457.6	3,143.00				Average	
		151	157	2,244,287.2	571,615.0	3,144.00				Average	
		152	158	2,244,461.8	571,755.8	3,146.00				Average	
		153	159	2,244,637.5	571,904.9	3,147.00				Average	
		154	160	2,244,790.8	572,037.3	3,148.00				Average	
		155	161	2,244,993.5	572,223.5	3,149.00				Average	
		156	162	2,245,138.5	572,355.9	3,134.00				Average	
		157	163	2,245,242.2	572,454.3	3,138.00				Average	Y
		158	164	2,245,352.8	572,555.5	3,142.00				Average	
		159	165	2,245,531.8	572,724.7	3,142.00				Average	
		160	166	2,245,888.0	573,056.8	3,132.00				Average	
		161	167	2,246,089.0	573,245.7	3,124.00				Average	
		162	168	2,246,163.8	573,315.1	3,124.00				Average	
		163	169	2,246,346.8	573,487.0	3,128.00				Average	
		164	170	2,246,612.0	573,735.3	3,132.00					
SW I90 (E of Johnson OffR)out	12.5	462	171	2,246,638.5	573,861.6	3,130.00				Average	
		463	172	2,246,288.0	573,532.1	3,126.00				Average	
		468	173	2,246,250.8	573,497.7	3,126.00					
SW I90 (E of Johnson OffR)in	12.5	464	174	2,246,646.8	573,852.8	3,130.00				Average	
		465	175	2,246,296.2	573,523.4	3,126.00				Average	
		470	176	2,246,259.0	573,488.9	3,126.00					
SW I90 (btn Johnson ramps)out	12.5	468	177	2,246,250.8	573,497.7	3,126.00				Average	
		469	178	2,246,058.5	573,317.7	3,124.00				Average	
		165	179	2,246,023.0	573,285.6	3,124.00				Average	
		166	180	2,245,812.5	573,087.7	3,130.00				Average	
		167	181	2,245,601.2	572,890.5	3,136.00				Average	
		168	182	2,245,348.5	572,654.4	3,142.00				Average	Y
		169	183	2,245,237.8	572,550.9	3,138.00				Average	
		170	184	2,244,980.8	572,310.6	3,130.00				Average	
		171	185	2,244,740.2	572,089.5	3,147.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		172	186	2,244,506.8	571,889.0	3,146.00			Average	
		173	187	2,244,284.0	571,708.2	3,144.00			Average	
		174	188	2,244,068.5	571,539.8	3,138.00			Average	
		193	190	2,243,976.5	571,463.1	3,142.00				
SW I90 (btn Johnson ramps)in	12.5	470	191	2,246,259.0	573,488.9	3,126.00			Average	
		471	192	2,246,066.8	573,308.9	3,124.00			Average	
		232	193	2,246,031.2	573,276.9	3,124.00			Average	
		233	194	2,245,820.5	573,078.9	3,132.00			Average	
		234	195	2,245,609.5	572,881.7	3,136.00			Average	
		235	196	2,245,356.8	572,645.6	3,142.00			Average	Y
		236	197	2,245,246.0	572,542.1	3,138.00			Average	
		237	198	2,244,989.0	572,301.8	3,130.00			Average	
		238	199	2,244,748.2	572,080.6	3,148.00			Average	
		239	200	2,244,514.5	571,879.8	3,146.00			Average	
		240	201	2,244,291.5	571,698.8	3,144.00			Average	
		241	202	2,244,075.8	571,530.3	3,143.00			Average	
		245	204	2,243,983.8	571,453.5	3,142.00				
SW I90 (btn US87 ramps)out	12.5	244	284	2,235,327.5	566,171.0	3,136.00			Average	
		215	285	2,235,032.2	566,003.1	3,135.00			Average	
		216	286	2,234,719.0	565,818.7	3,134.00			Average	
		217	287	2,234,545.8	565,717.7	3,133.00			Average	
		218	288	2,234,353.2	565,609.5	3,135.00			Average	
		219	289	2,234,179.5	565,524.5	3,137.00			Average	
		220	290	2,234,015.5	565,449.9	3,142.00			Average	
		221	291	2,233,870.8	565,388.2	3,147.00			Average	
		222	292	2,233,719.5	565,329.2	3,158.00			Average	
		223	293	2,233,536.8	565,261.9	3,158.00			Average	
		224	294	2,233,423.2	565,222.3	3,161.00				
SW I90 (btn US87 ramps)in	12.5	296	295	2,235,333.5	566,160.6	3,136.00			Average	
		282	296	2,235,038.2	565,992.7	3,135.00			Average	
		283	297	2,234,725.0	565,808.4	3,134.00			Average	
		284	298	2,234,551.8	565,707.3	3,134.00			Average	
		285	299	2,234,358.8	565,598.8	3,135.00			Average	
		286	300	2,234,184.5	565,513.7	3,138.00			Average	
		287	301	2,234,020.2	565,438.9	3,143.00			Average	
		288	302	2,233,875.2	565,377.1	3,147.00			Average	
		289	303	2,233,723.8	565,318.0	3,158.00			Average	
		290	304	2,233,540.8	565,250.6	3,158.00			Average	
		291	305	2,233,427.2	565,211.0	3,160.00				

INPUT: ROADWAYS

Lockwood Interchange

SW I90 (W of US87 OnR)out	12.5	224	306	2,233,423.2	565,222.3	3,161.00				Average
		225	307	2,233,118.5	565,114.8	3,166.00				Average
		226	308	2,232,810.5	565,006.5	3,168.00				Average
		227	309	2,232,486.0	564,890.9	3,164.00				Average
		228	310	2,232,105.8	564,756.8	3,156.00				Average
		229	311	2,231,727.5	564,622.4	3,148.00				Average
		230	312	2,231,338.0	564,483.5	3,140.00				Average
		231	313	2,231,260.2	564,454.7	3,138.00				
SW I90 (W of US87 OnR)in	12.5	291	317	2,233,427.2	565,211.0	3,160.00				Average
		292	315	2,233,122.5	565,103.5	3,166.00				Average
		293	316	2,232,814.5	564,995.2	3,168.00				Average
		294	317	2,232,490.0	564,879.5	3,164.00				Average
		295	318	2,232,109.8	564,745.5	3,158.00				Average
		296	319	2,231,731.8	564,611.1	3,148.00				Average
		297	320	2,231,342.0	564,472.3	3,140.00				Average
		298	321	2,231,264.5	564,443.5	3,138.00				
OffRamp from NE I90 to Johnson	14.5	411	374	2,244,096.0	571,440.3	3,140.00				Average
		412	375	2,244,219.0	571,519.1	3,140.00				Average
		413	376	2,244,381.0	571,622.8	3,138.00				Average
		414	377	2,244,548.2	571,730.3	3,136.00				Average
		415	378	2,244,697.5	571,821.2	3,136.00				
OffRamp from NE I90 to Johnson LT	12.5	415	379	2,244,697.5	571,821.2	3,136.00				Average
		423	380	2,244,724.2	571,843.4	3,136.00				Average
		424	381	2,244,878.2	571,936.4	3,136.00				Average
		425	382	2,244,968.8	571,985.7	3,136.00				Average
		426	383	2,245,050.0	572,025.8	3,136.00				Average
		427	384	2,245,130.2	572,059.7	3,136.00				Average
		428	385	2,245,194.2	572,083.9	3,138.00				Average
		429	386	2,245,249.0	572,101.1	3,138.00				
OffRamp from NE I90 to Johnson RT	12.5	415	387	2,244,697.5	571,821.2	3,136.00				Average
		416	388	2,244,730.5	571,833.1	3,136.00				Average
		417	389	2,244,884.0	571,926.0	3,136.00				Average
		418	390	2,244,974.2	571,975.0	3,136.00				Average
		419	391	2,245,055.0	572,014.9	3,136.00				Average
		420	392	2,245,134.5	572,048.5	3,136.00				Average
		421	393	2,245,198.0	572,072.6	3,138.00				Average
		422	394	2,245,252.5	572,089.6	3,138.00				
OnRamp from Johnson to NE I90	14.5	430	395	2,245,374.5	572,149.8	3,140.00				Average
		431	396	2,245,435.5	572,192.5	3,142.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		432	397	2,245,505.0	572,255.8	3,144.00				Average	
		433	398	2,245,556.0	572,307.1	3,144.00				Average	
		434	399	2,245,616.2	572,380.2	3,146.00				Average	
		435	400	2,245,667.0	572,462.9	3,146.00				Average	
		436	401	2,245,725.2	572,579.3	3,142.00				Average	
		437	402	2,245,833.2	572,794.5	3,138.00				Average	
		438	403	2,245,900.2	572,911.9	3,136.00				Average	
		439	404	2,245,969.0	573,018.9	3,132.00				Average	
		440	405	2,246,025.5	573,097.4	3,130.00				Average	
		441	406	2,246,085.8	573,174.8	3,124.00				Average	
		442	407	2,246,188.5	573,291.3	3,124.00				Average	
		443	408	2,246,255.0	573,359.8	3,126.00				Average	
		444	409	2,246,326.8	573,432.0	3,128.00				Average	
		445	410	2,246,428.0	573,528.7	3,130.00					
OffRamp from SW I90 to Johnson	14.5	472	411	2,246,241.5	573,497.3	3,126.00				Average	
		473	412	2,246,102.5	573,386.7	3,122.00				Average	
		474	413	2,245,985.5	573,293.4	3,124.00				Average	
		475	414	2,245,854.2	573,189.5	3,128.00				Average	
		476	415	2,245,759.2	573,112.2	3,130.00				Average	
		477	416	2,245,709.5	573,075.3	3,132.00				Average	
		478	417	2,245,633.2	573,025.8	3,132.00					
OffRamp from SW I90 to Johnson LT	12.5	478	418	2,245,633.2	573,025.8	3,132.00				Average	
		493	419	2,245,581.0	572,980.2	3,134.00				Average	
		494	420	2,245,457.5	572,915.7	3,134.00				Average	
		495	421	2,245,362.2	572,876.7	3,136.00					
OffRamp from SW I90 to Johnson RT	12.5	478	422	2,245,633.2	573,025.8	3,132.00				Average	
		490	423	2,245,575.5	572,990.9	3,134.00				Average	
		491	424	2,245,452.5	572,926.5	3,134.00				Average	
		492	425	2,245,357.5	572,887.8	3,134.00					
OnRamp from Johnson to SW I90	14.5	496	426	2,245,232.0	572,840.2	3,134.00				Average	
		497	427	2,245,121.2	572,795.9	3,130.00				Average	
		498	428	2,245,047.0	572,751.9	3,128.00				Average	
		499	429	2,244,972.8	572,696.8	3,126.00				Average	
		500	430	2,244,912.0	572,642.3	3,122.00				Average	
		501	431	2,244,854.2	572,576.2	3,122.00				Average	
		502	432	2,244,796.8	572,496.5	3,124.00				Average	
		503	433	2,244,633.0	572,252.2	3,128.00				Average	
		504	434	2,244,499.0	572,051.6	3,130.00				Average	
		505	435	2,244,422.8	571,940.4	3,132.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		506	436	2,244,384.2	571,889.0	3,134.00				Average	
		507	437	2,244,331.5	571,822.7	3,134.00				Average	
		508	438	2,244,271.0	571,754.6	3,136.00				Average	
		509	439	2,244,189.2	571,672.7	3,136.00				Average	
		510	440	2,244,082.2	571,574.6	3,138.00				Average	
		511	441	2,244,012.5	571,520.1	3,138.00					
NB Lockwood (N of US87)	12.5	965	706	2,233,523.0	565,983.1	3,131.00				Average	
		966	707	2,233,536.2	566,035.5	3,132.00				Average	
		967	708	2,233,553.5	566,081.1	3,132.00				Average	
		968	709	2,233,580.0	566,116.5	3,132.00				Average	
		969	710	2,233,611.0	566,142.1	3,130.00				Average	
		970	711	2,233,653.5	566,175.8	3,130.00				Average	
		971	712	2,233,719.5	566,221.3	3,128.00				Average	
		972	713	2,233,789.5	566,271.2	3,126.00				Average	
		973	714	2,233,955.0	566,377.3	3,118.00				Average	
		974	715	2,234,263.2	566,581.2	3,106.00				Average	
		975	716	2,234,640.5	566,827.3	3,108.00				Average	
		976	717	2,235,109.5	567,145.7	3,110.00					
SB Lockwood (N of US87)	12.5	953	718	2,235,102.8	567,155.6	3,110.00				Average	
		954	719	2,234,634.0	566,837.3	3,108.00				Average	
		955	720	2,234,256.8	566,591.2	3,106.00				Average	
		956	721	2,233,948.5	566,387.3	3,118.00				Average	
		957	722	2,233,782.8	566,281.2	3,126.00				Average	
		958	723	2,233,712.8	566,231.1	3,128.00				Average	
		959	724	2,233,646.5	566,185.5	3,130.00				Average	
		960	725	2,233,603.5	566,151.4	3,130.00				Average	
		961	726	2,233,571.2	566,124.8	3,132.00				Average	
		962	727	2,233,543.0	566,086.9	3,132.00				Average	
		963	728	2,233,524.8	566,039.1	3,132.00				Average	
		964	729	2,233,511.5	565,986.0	3,131.00					
WB FrontageRd (E of Lockwood)	12.5	1031	730	2,245,225.0	573,089.7	3,128.00				Average	
		1032	731	2,245,176.8	573,072.9	3,128.00				Average	
		1033	732	2,245,134.5	573,051.8	3,128.00				Average	
		1034	733	2,245,089.8	573,024.5	3,128.00				Average	
		1035	734	2,245,032.5	572,987.5	3,128.00				Average	
		1036	735	2,244,973.8	572,940.7	3,126.00				Average	
		1037	736	2,244,922.0	572,896.7	3,124.00				Average	
		1038	737	2,244,870.5	572,843.1	3,124.00				Average	
		1039	738	2,244,830.8	572,801.8	3,122.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		1040	739	2,244,793.5	572,751.4	3,120.00				Average	
		1041	740	2,244,717.8	572,640.1	3,122.00				Average	
		1042	741	2,244,540.8	572,370.7	3,126.00				Average	
		1043	742	2,244,247.8	571,936.8	3,132.00				Average	
		1044	743	2,244,184.8	571,851.5	3,132.00				Average	
		1045	744	2,244,125.0	571,774.7	3,134.00				Average	
		1046	745	2,244,033.0	571,673.6	3,134.00				Average	
		1047	746	2,243,932.0	571,572.5	3,136.00				Average	
		1048	747	2,243,856.5	571,508.1	3,136.00				Average	
		1049	748	2,243,475.5	571,218.0	3,134.00				Average	
		1050	749	2,242,951.0	570,820.8	3,130.00				Average	
		1051	750	2,242,464.2	570,451.3	3,132.00				Average	
		1052	751	2,242,172.5	570,227.7	3,132.00				Average	
		1053	752	2,241,913.0	570,031.2	3,126.00				Average	
		1054	753	2,241,731.8	569,898.0	3,126.00				Average	
		1055	754	2,241,532.8	569,765.5	3,128.00				Average	
		1056	755	2,241,374.0	569,668.4	3,128.00				Average	
		1057	756	2,241,199.0	569,569.9	3,128.00				Average	
		1058	757	2,241,034.0	569,483.2	3,130.00				Average	
		1059	758	2,240,698.0	569,324.2	3,128.00				Average	
		1060	759	2,240,357.0	569,165.2	3,128.00				Average	
		1061	760	2,239,918.0	568,959.6	3,128.00				Average	
		1062	761	2,239,709.8	568,858.8	3,128.00				Average	
		1063	762	2,239,572.0	568,786.5	3,130.00				Average	
		1064	763	2,239,418.5	568,699.7	3,130.00				Average	
		1065	764	2,239,212.8	568,580.2	3,132.00				Average	
		1066	765	2,238,479.5	568,147.5	3,126.00				Average	
		1067	766	2,237,777.5	567,734.3	3,136.00				Average	
		1068	767	2,237,117.8	567,346.2	3,134.00				Average	
		1069	768	2,236,647.5	567,078.2	3,126.00				Average	
		1070	769	2,236,178.8	566,819.8	3,122.00				Average	
		1071	770	2,235,912.0	566,662.8	3,122.00				Average	
		1072	771	2,235,579.5	566,464.2	3,128.00				Average	
		1073	772	2,235,508.2	566,425.5	3,128.00				Average	
		1074	773	2,235,457.2	566,402.1	3,130.00				Average	
		1075	774	2,235,412.0	566,384.9	3,128.00				Average	
		1076	775	2,235,367.2	566,373.9	3,128.00				Average	
		1077	776	2,235,311.5	566,363.6	3,128.00				Average	
		1078	777	2,235,249.5	566,358.1	3,128.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		1079	778	2,235,179.8	566,357.4	3,126.00				Average
		1080	779	2,234,573.5	566,362.9	3,116.00				Average
		1081	780	2,234,445.5	566,362.3	3,114.00				Average
		1082	781	2,234,135.2	566,346.3	3,116.00				Average
		1083	782	2,234,068.5	566,349.0	3,116.00				Average
		1084	783	2,233,949.8	566,362.2	3,118.00				
EB FrontageRd (E of Lockwood)	12.5	977	784	2,233,948.5	566,350.3	3,118.00				Average
		978	785	2,234,067.5	566,337.1	3,116.00				Average
		979	786	2,234,135.2	566,334.3	3,116.00				Average
		980	787	2,234,446.0	566,350.3	3,116.00				Average
		981	788	2,234,573.5	566,350.9	3,116.00				Average
		982	789	2,235,179.8	566,345.4	3,126.00				Average
		983	790	2,235,250.2	566,346.1	3,128.00				Average
		984	791	2,235,313.2	566,351.7	3,128.00				Average
		985	792	2,235,370.0	566,362.2	3,130.00				Average
		986	793	2,235,415.5	566,373.4	3,130.00				Average
		987	794	2,235,462.0	566,391.0	3,130.00				Average
		988	795	2,235,513.8	566,414.8	3,130.00				Average
		989	796	2,235,585.5	566,453.8	3,128.00				Average
		990	797	2,235,918.2	566,652.5	3,122.00				Average
		991	798	2,236,184.8	566,809.4	3,122.00				Average
		992	799	2,236,653.5	567,067.7	3,126.00				Average
		993	800	2,237,123.8	567,335.8	3,134.00				Average
		994	801	2,237,783.5	567,724.0	3,136.00				Average
		995	802	2,238,485.5	568,137.2	3,126.00				Average
		996	803	2,239,219.0	568,569.8	3,132.00				Average
		997	804	2,239,424.5	568,689.2	3,130.00				Average
		998	805	2,239,577.8	568,776.0	3,130.00				Average
		999	806	2,239,715.0	568,848.1	3,130.00				Average
		1000	807	2,239,923.2	568,948.8	3,128.00				Average
		1001	808	2,240,362.0	569,154.3	3,128.00				Average
		1002	809	2,240,703.0	569,313.3	3,128.00				Average
		1003	810	2,241,039.2	569,472.4	3,130.00				Average
		1004	811	2,241,204.8	569,559.3	3,130.00				Average
		1005	812	2,241,380.0	569,658.0	3,128.00				Average
		1006	813	2,241,539.2	569,755.4	3,128.00				Average
		1007	814	2,241,738.8	569,888.1	3,126.00				Average
		1008	815	2,241,920.0	570,021.6	3,126.00				Average
		1009	816	2,242,180.0	570,218.1	3,134.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		1010	817	2,242,471.5	570,441.8	3,132.00				Average	
		1011	818	2,242,958.5	570,811.2	3,130.00				Average	
		1012	819	2,243,482.8	571,208.4	3,134.00				Average	
		1013	820	2,243,864.0	571,498.8	3,136.00				Average	
		1014	821	2,243,940.0	571,563.6	3,136.00				Average	
		1015	822	2,244,041.8	571,665.3	3,136.00				Average	
		1016	823	2,244,134.2	571,767.0	3,134.00				Average	
		1017	824	2,244,194.2	571,844.3	3,132.00				Average	
		1018	825	2,244,257.5	571,929.9	3,132.00				Average	
		1019	826	2,244,550.8	572,364.0	3,126.00				Average	
		1020	827	2,244,727.8	572,633.5	3,122.00				Average	
		1021	828	2,244,803.5	572,744.5	3,120.00				Average	
		1022	829	2,244,840.0	572,794.0	3,122.00				Average	
		1023	830	2,244,879.2	572,834.7	3,124.00				Average	
		1024	831	2,244,930.5	572,888.0	3,126.00				Average	
		1025	832	2,244,981.5	572,931.5	3,126.00				Average	
		1026	833	2,245,039.5	572,977.8	3,128.00				Average	
		1027	834	2,245,096.0	573,014.4	3,128.00				Average	
		1028	835	2,245,140.2	573,041.3	3,128.00				Average	
		1029	836	2,245,181.5	573,061.8	3,128.00				Average	
		1030	837	2,245,229.0	573,078.4	3,128.00					
SB Coburn	12.5	941	838	2,234,844.5	565,323.3	3,173.00				Average	
		942	839	2,234,830.5	565,278.5	3,166.00				Average	
		943	840	2,234,821.0	565,232.9	3,168.00				Average	
		944	841	2,234,817.0	565,201.2	3,170.00				Average	
		945	842	2,234,815.0	565,164.6	3,172.00				Average	
		946	843	2,234,816.2	565,099.7	3,176.00				Average	
		947	844	2,234,821.5	564,900.1	3,190.00				Average	
		948	845	2,234,828.0	564,633.1	3,216.00				Average	
		949	846	2,234,833.8	564,352.6	3,250.00				Average	
		950	847	2,234,840.8	564,072.2	3,282.00				Average	
		951	848	2,234,846.5	563,801.0	3,302.00				Average	
		952	849	2,234,854.5	563,522.2	3,308.00					
NB Coburn	12.5	929	850	2,234,866.5	563,522.5	3,308.00				Average	
		930	851	2,234,858.5	563,801.3	3,300.00				Average	
		931	852	2,234,852.8	564,072.5	3,280.00				Average	
		932	853	2,234,845.8	564,352.9	3,250.00				Average	
		933	854	2,234,840.0	564,633.3	3,216.00				Average	
		934	855	2,234,833.5	564,900.4	3,190.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		935	856	2,234,828.2	565,100.0	3,176.00				Average
		936	857	2,234,827.0	565,164.3	3,172.00				Average
		937	858	2,234,829.0	565,200.2	3,170.00				Average
		938	859	2,234,832.8	565,231.0	3,168.00				Average
		939	860	2,234,842.2	565,275.4	3,166.00				Average
		940	861	2,234,855.8	565,319.8	3,173.00				
EB Rosebud Lane	10.5	918	862	2,234,842.0	565,064.8	3,178.00				Average
		919	863	2,235,150.2	565,063.5	3,180.00				Average
		920	864	2,235,365.0	565,060.7	3,180.00				Average
		921	865	2,235,912.0	565,050.3	3,180.00				Average
		922	866	2,236,126.0	565,044.0	3,186.00				Average
		923	867	2,236,213.2	565,041.9	3,186.00				Average
		924	868	2,236,317.5	565,034.3	3,186.00				Average
		925	869	2,236,395.2	565,028.0	3,186.00				Average
		926	870	2,236,514.2	565,027.3	3,182.00				Average
		927	871	2,237,093.5	565,024.6	3,172.00				Average
		928	872	2,237,533.0	565,027.3	3,178.00				
WB Rosebud Lane	10.5	907	875	2,237,533.0	565,037.3	3,178.00				Average
		908	876	2,237,093.5	565,034.6	3,172.00				Average
		909	877	2,236,514.2	565,037.3	3,182.00				Average
		910	878	2,236,395.8	565,038.0	3,186.00				Average
		911	879	2,236,318.0	565,044.3	3,186.00				Average
		912	880	2,236,213.8	565,051.9	3,186.00				Average
		913	881	2,236,126.2	565,054.0	3,186.00				Average
		914	882	2,235,912.2	565,060.3	3,180.00				Average
		915	883	2,235,365.0	565,070.7	3,180.00				Average
		916	884	2,235,150.5	565,073.5	3,180.00				Average
		917	885	2,234,842.0	565,074.8	3,178.00				
EB HardinRd (E of JohnsonLn)	12.5	852	886	2,245,370.0	571,650.3	3,142.00				Average
		853	887	2,246,068.5	572,085.2	3,148.00				Average
		854	888	2,246,427.2	572,319.5	3,144.00				
WB HardinRd (E of JohnsonLn)	12.5	855	889	2,246,419.2	572,325.6	3,144.00				Average
		856	890	2,245,640.8	571,845.6	3,142.00				Average
		857	891	2,245,428.0	571,719.7	3,142.00				
WB FrontageRd (E of JohnsonLn)	12.5	1096	892	2,245,320.0	573,110.6	3,128.00				Average
		1097	893	2,245,424.5	573,141.4	3,128.00				Average
		1098	894	2,245,547.0	573,179.4	3,128.00				Average
		1099	895	2,245,675.5	573,229.6	3,128.00				Average
		1100	896	2,245,760.2	573,272.7	3,126.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		1101	897	2,245,887.8	573,342.2	3,124.00				Average	
		1102	898	2,246,009.0	573,418.9	3,122.00				Average	
		1103	899	2,246,109.5	573,494.3	3,124.00				Average	
		1104	900	2,246,207.5	573,581.8	3,126.00				Average	
		1105	901	2,246,470.0	573,827.1	3,130.00				Average	
		1106	902	2,246,631.8	573,979.4	3,128.00					
EB FrontageRd (E of JohnsonLn)	12.5	1085	903	2,246,623.5	573,988.1	3,128.00				Average	
		1086	904	2,246,462.0	573,835.8	3,130.00				Average	
		1087	905	2,246,199.5	573,590.6	3,126.00				Average	
		1088	906	2,246,101.8	573,503.6	3,124.00				Average	
		1089	907	2,246,002.0	573,428.8	3,122.00				Average	
		1090	908	2,245,881.5	573,352.5	3,124.00				Average	
		1091	909	2,245,754.5	573,283.3	3,124.00				Average	
		1092	910	2,245,670.5	573,240.6	3,128.00				Average	
		1093	911	2,245,543.0	573,190.7	3,128.00				Average	
		1094	912	2,245,421.0	573,152.9	3,128.00				Average	
		1095	913	2,245,316.5	573,122.1	3,128.00					
SB JohnsonLn (N of Frontage)	12.5	861	914	2,245,260.8	574,343.6	3,094.00				Average	
		862	915	2,245,277.5	574,216.5	3,098.00				Average	
		863	916	2,245,278.2	574,088.7	3,096.00				Average	
		864	917	2,245,272.5	573,956.2	3,098.00				Average	
		865	918	2,245,270.8	573,731.0	3,102.00				Average	
		866	919	2,245,275.2	573,470.9	3,108.00				Average	
		867	920	2,245,281.5	573,228.8	3,124.00				Average	
		868	921	2,245,283.8	573,122.7	3,128.00					
NB JohnsonLn (N of Frontage)	12.5	873	922	2,245,295.8	573,122.7	3,128.00				Average	
		874	923	2,245,293.5	573,229.1	3,124.00				Average	
		875	924	2,245,287.2	573,471.2	3,108.00				Average	
		876	925	2,245,282.8	573,731.1	3,102.00				Average	
		877	926	2,245,284.5	573,955.9	3,098.00				Average	
		878	927	2,245,290.2	574,088.4	3,096.00				Average	
		879	928	2,245,289.5	574,217.3	3,096.00				Average	
		880	929	2,245,272.8	574,345.2	3,094.00					
SB JohnsonLn (Frontage to Ramps)	12.5	868	930	2,245,283.8	573,122.7	3,128.00				Average	
		869	931	2,245,280.8	573,007.6	3,130.00				Average	
		870	932	2,245,287.0	572,889.5	3,134.00					
NB JohnsonLn (Frontage to Ramps)	12.5	871	933	2,245,299.0	572,890.1	3,134.00				Average	
		872	934	2,245,292.8	573,007.8	3,130.00				Average	
		873	935	2,245,295.8	573,122.7	3,128.00					

INPUT: ROADWAYS

Lockwood Interchange

SB JohnsonLn (btn Ramps)	12.5	870	936	2,245,287.0	572,889.5	3,134.00				Average
		881	937	2,245,281.8	572,843.1	3,136.00				Average
		882	938	2,245,288.0	572,641.9	3,140.00				Average
		883	939	2,245,293.8	572,415.6	3,140.00				Average
		884	940	2,245,294.2	572,182.7	3,140.00				Average
		889	941	2,245,309.8	572,106.3	3,138.00				
NB JohnsonLn (btn Ramps)	12.5	906	942	2,245,321.8	572,106.5	3,140.00				Average
		885	943	2,245,323.0	572,184.4	3,140.00				Average
		886	944	2,245,312.5	572,426.5	3,140.00				Average
		887	945	2,245,310.0	572,664.4	3,140.00				Average
		888	946	2,245,305.5	572,844.8	3,136.00				Average
		871	947	2,245,299.0	572,890.1	3,134.00				
SB JohnsonLn (Ramps to Hardin)	12.5	889	950	2,245,309.8	572,106.3	3,138.00				Average
		890	951	2,245,315.5	571,820.1	3,140.00				Average
		891	952	2,245,319.2	571,679.0	3,142.00				
NB JohnsonLn (Ramps to Hardin)	12.5	904	953	2,245,331.2	571,679.3	3,142.00				Average
		905	954	2,245,327.5	571,820.4	3,140.00				Average
		906	955	2,245,321.8	572,106.5	3,140.00				
SB JohnsonLn (S of Hardin)	12.5	891	956	2,245,319.2	571,679.0	3,142.00				Average
		892	957	2,245,321.5	571,514.1	3,144.00				Average
		893	958	2,245,322.5	571,295.2	3,148.00				Average
		894	959	2,245,331.5	570,965.1	3,152.00				Average
		895	960	2,245,341.0	570,605.7	3,160.00				Average
		896	961	2,245,348.8	570,239.0	3,166.00				Average
		897	962	2,245,358.8	569,894.0	3,170.00				
NB JohnsonLn (S of Hardin)	12.5	898	963	2,245,370.8	569,894.3	3,170.00				Average
		899	964	2,245,360.8	570,239.3	3,166.00				Average
		900	965	2,245,353.0	570,606.0	3,160.00				Average
		901	966	2,245,343.5	570,965.4	3,152.00				Average
		902	967	2,245,334.5	571,295.4	3,148.00				Average
		903	968	2,245,333.5	571,514.2	3,144.00				Average
		904	969	2,245,331.2	571,679.3	3,142.00				
Shoulder1	12.5	299	970	2,231,260.0	564,351.9	3,140.00				Average
		300	971	2,231,436.5	564,414.1	3,142.00				Average
		301	972	2,231,603.0	564,473.1	3,146.00				Average
		302	973	2,231,797.5	564,542.7	3,150.00				Average
		303	974	2,231,975.2	564,605.3	3,154.00				Average
		304	975	2,232,151.2	564,667.8	3,158.00				Average
		305	976	2,232,310.0	564,724.5	3,160.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		306	977	2,232,560.2	564,813.7	3,166.00				Average	
		455	978	2,232,764.8	564,886.0	3,168.00				Average	
		456	979	2,232,895.8	564,924.8	3,168.00				Average	
		457	980	2,233,014.2	564,960.0	3,168.00				Average	
		458	981	2,233,150.5	565,000.4	3,167.00				Average	
		459	1495	2,233,267.5	565,035.1	3,166.00				Average	
		460	1494	2,233,371.5	565,065.9	3,164.00				Average	
		461	1493	2,233,498.5	565,103.6	3,161.00				Average	
		462	1492	2,233,625.5	565,141.2	3,158.00				Average	
		463	1491	2,233,730.0	565,172.1	3,154.00				Average	
		464	1490	2,233,834.2	565,198.5	3,151.00				Average	
		465	1489	2,233,912.5	565,213.9	3,150.00				Average	
		466	1488	2,233,956.8	565,220.9	3,150.00				Average	
		467	1487	2,234,076.5	565,222.3	3,150.00				Average	
		468	1486	2,234,225.8	565,230.5	3,154.00				Average	
		469	1485	2,234,312.8	565,234.5	3,160.00				Average	
		470	1484	2,234,360.2	565,244.9	3,161.00				Average	
		471	1483	2,234,412.2	565,262.3	3,163.00				Average	
		472	1482	2,234,459.5	565,286.1	3,165.00				Average	
		473	1481	2,234,484.2	565,302.2	3,166.00				Average	
		474	1480	2,234,537.0	565,344.6	3,166.00				Average	
		475	1479	2,234,566.0	565,368.4	3,166.00				Average	
		476	1478	2,234,598.0	565,385.7	3,166.00				Average	
		477	1477	2,234,630.8	565,396.9	3,166.00				Average	
		478	1476	2,234,658.0	565,398.0	3,166.00				Average	
		479	982	2,234,696.0	565,397.4	3,168.00					
Shoulder7	11.5	399	1070	2,244,052.5	571,397.3	3,140.00				Average	
		400	1071	2,244,134.0	571,448.6	3,140.00				Average	
		401	1072	2,244,243.0	571,519.0	3,140.00				Average	
		402	1073	2,244,348.0	571,585.3	3,138.00				Average	
		403	1074	2,244,448.2	571,651.1	3,138.00				Average	
		404	1075	2,244,576.0	571,733.1	3,138.00				Average	
		405	1076	2,244,656.8	571,780.1	3,136.00				Average	
		406	1077	2,244,727.2	571,817.6	3,136.00				Average	
		407	1078	2,244,868.5	571,901.0	3,136.00				Average	
		408	1079	2,244,958.2	571,952.1	3,136.00				Average	
		409	1080	2,245,059.8	572,002.4	3,136.00				Average	
		410	1081	2,245,179.5	572,052.3	3,136.00				Average	
Shoulder8	11.5	446	1082	2,245,381.8	572,139.6	3,140.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		447	1083	2,245,443.2	572,182.7	3,142.00				Average	
		448	1084	2,245,513.8	572,246.8	3,144.00				Average	
		449	1085	2,245,565.2	572,298.7	3,144.00				Average	
		450	1086	2,245,626.5	572,373.0	3,146.00				Average	
		451	1087	2,245,678.0	572,456.8	3,146.00				Average	
		452	1088	2,245,736.5	572,573.7	3,142.00				Average	
		453	1089	2,245,844.2	572,788.6	3,138.00				Average	
		454	1090	2,245,911.0	572,905.4	3,136.00				Average	
		455	1091	2,245,979.5	573,011.8	3,132.00				Average	
		456	1092	2,246,035.5	573,090.0	3,130.00				Average	
		457	1093	2,246,095.5	573,166.8	3,126.00				Average	
		458	1094	2,246,197.8	573,282.9	3,126.00				Average	
		459	1095	2,246,263.8	573,351.1	3,126.00				Average	
		460	1096	2,246,335.5	573,423.1	3,128.00				Average	
		461	1097	2,246,436.5	573,519.7	3,130.00					
Shoulder9	11.5	479	1098	2,246,233.8	573,507.1	3,126.00				Average	
		480	1099	2,246,094.8	573,396.5	3,122.00				Average	
		481	1100	2,245,977.5	573,303.2	3,124.00				Average	
		482	1101	2,245,846.5	573,199.3	3,128.00				Average	
		483	1102	2,245,751.5	573,122.1	3,130.00				Average	
		484	1103	2,245,702.2	573,085.6	3,130.00				Average	
		485	1104	2,245,626.2	573,036.3	3,132.00				Average	
		486	1105	2,245,606.5	573,021.7	3,132.00				Average	
		487	1106	2,245,519.0	572,972.3	3,134.00				Average	
		488	1107	2,245,459.2	572,944.7	3,134.00				Average	
		489	1108	2,245,356.5	572,900.2	3,134.00					
Shoulder10	11.5	513	1109	2,245,227.2	572,851.8	3,134.00				Average	
		514	1110	2,245,115.8	572,807.2	3,130.00				Average	
		515	1111	2,245,040.2	572,762.4	3,128.00				Average	
		516	1112	2,244,964.8	572,706.5	3,124.00				Average	
		517	1113	2,244,903.2	572,651.1	3,122.00				Average	
		518	1114	2,244,844.5	572,584.0	3,122.00				Average	
		519	1115	2,244,786.5	572,503.7	3,124.00				Average	
		520	1116	2,244,622.5	572,259.2	3,128.00				Average	
		521	1117	2,244,488.8	572,058.6	3,130.00				Average	
		522	1118	2,244,412.8	571,947.6	3,132.00				Average	
		523	1119	2,244,374.5	571,896.7	3,132.00				Average	
		524	1120	2,244,321.8	571,830.8	3,134.00				Average	
		525	1121	2,244,262.0	571,763.2	3,134.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		526	1122	2,244,180.5	571,681.7	3,136.00				Average
		527	1123	2,244,074.0	571,584.2	3,136.00				Average
		528	1124	2,244,004.8	571,529.9	3,138.00				Average
		349	1125	2,243,969.8	571,471.9	3,142.00				
Shoulder11	11.5	466	1126	2,246,630.8	573,870.0	3,130.00				Average
		467	1127	2,246,280.0	573,540.5	3,126.00				Average
		479	1128	2,246,233.8	573,507.1	3,126.00				
Shoulder13	11.5	600	1159	2,233,327.5	565,215.4	3,161.00				Average
		601	1160	2,233,189.0	565,162.4	3,164.00				Average
		602	1161	2,232,902.0	565,055.7	3,168.00				Average
		603	1162	2,232,723.5	564,988.5	3,168.00				Average
		604	1163	2,232,449.2	564,890.7	3,164.00				Average
		605	1164	2,231,952.0	564,714.6	3,154.00				Average
		606	1165	2,231,380.8	564,511.8	3,142.00				
NE I90 (US87OnR to JohnsonOffR)out	12.5	1	1174	2,236,017.8	566,477.0	3,137.00				Average
		2	1175	2,236,190.0	566,578.4	3,137.00				Average
		3	1176	2,236,362.5	566,679.8	3,138.00				Average
		4	1177	2,236,535.0	566,781.2	3,138.00				Average
		5	1178	2,236,707.2	566,882.5	3,139.00				Average
		6	1179	2,236,879.8	566,983.9	3,139.00				Average
		7	1180	2,237,052.0	567,085.3	3,140.00				Average
		8	1181	2,237,224.5	567,186.7	3,140.00				Average
		9	1182	2,237,397.0	567,288.0	3,141.00				Average
		10	1183	2,237,569.2	567,389.4	3,141.00				Average
		11	1184	2,237,741.8	567,490.8	3,142.00				Average
		12	1185	2,237,914.0	567,592.1	3,142.00				Average
		13	1186	2,238,086.5	567,693.5	3,142.00				Average
		14	1187	2,238,259.0	567,794.9	3,143.00				Average
		15	1188	2,238,431.2	567,896.3	3,143.00				Average
		16	1189	2,238,603.8	567,997.6	3,144.00				Average
		17	1190	2,238,776.2	568,099.0	3,144.00				Average
		18	1191	2,238,948.5	568,200.4	3,143.00				Average
		19	1192	2,239,121.0	568,301.8	3,143.00				Average
		20	1193	2,239,293.5	568,403.1	3,142.00				Average
		21	1194	2,239,486.0	568,516.3	3,141.00				Average
		22	1195	2,239,639.5	568,603.4	3,140.00				Average
		23	1196	2,239,816.2	568,696.3	3,140.00				Average
		24	1197	2,239,996.2	568,783.1	3,139.00				Average
		25	1198	2,240,177.5	568,867.9	3,139.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		26	1199	2,240,358.5	568,952.6	3,138.00				Average	
		27	1200	2,240,539.8	569,037.4	3,138.00				Average	
		28	1201	2,240,720.8	569,122.2	3,137.00				Average	
		29	1202	2,240,902.0	569,206.9	3,137.00				Average	
		30	1203	2,241,082.8	569,292.8	3,137.00				Average	
		31	1204	2,241,260.8	569,384.2	3,137.00				Average	
		32	1205	2,241,435.8	569,481.8	3,138.00				Average	
		33	1206	2,241,607.0	569,585.2	3,138.00				Average	
		34	1207	2,241,774.8	569,694.5	3,138.00				Average	
		35	1208	2,241,938.8	569,809.4	3,139.00				Average	
		36	1209	2,242,098.8	569,929.5	3,139.00				Average	
		37	1210	2,242,258.0	570,050.4	3,138.00				Average	
		38	1211	2,242,417.5	570,171.4	3,137.00				Average	
		39	1212	2,242,576.8	570,292.3	3,137.00				Average	
		40	1213	2,242,736.0	570,413.2	3,136.00				Average	
		41	1214	2,242,895.2	570,534.2	3,136.00				Average	
		42	1215	2,243,054.5	570,655.1	3,136.00				Average	
		43	1216	2,243,213.8	570,776.1	3,136.00				Average	
		44	1217	2,243,373.0	570,897.0	3,137.00				Average	
		45	1218	2,243,532.5	571,018.0	3,138.00				Average	
		46	1219	2,243,691.8	571,138.9	3,140.00				Average	
		47	1220	2,243,851.0	571,259.9	3,141.00				Average	
		48	1221	2,244,010.2	571,380.8	3,143.00					
NE I90 (US87OnR to JohnsonOffR)mid	12.5	49	1222	2,236,011.5	566,487.4	3,137.00				Average	
		50	1223	2,236,184.0	566,588.8	3,137.00				Average	
		51	1224	2,236,356.5	566,690.1	3,138.00				Average	
		52	1225	2,236,528.8	566,791.5	3,138.00				Average	
		53	1226	2,236,701.2	566,892.9	3,139.00				Average	
		54	1227	2,236,873.5	566,994.3	3,139.00				Average	
		55	1228	2,237,046.0	567,095.6	3,140.00				Average	
		56	1229	2,237,218.5	567,197.0	3,140.00				Average	
		57	1230	2,237,390.8	567,298.4	3,141.00				Average	
		58	1231	2,237,563.2	567,399.7	3,141.00				Average	
		59	1232	2,237,735.5	567,501.1	3,142.00				Average	
		60	1233	2,237,908.0	567,602.5	3,142.00				Average	
		61	1234	2,238,080.5	567,703.9	3,142.00				Average	
		62	1235	2,238,253.0	567,805.2	3,143.00				Average	
		63	1236	2,238,425.2	567,906.6	3,143.00				Average	
		64	1237	2,238,597.8	568,008.0	3,144.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		65	1238	2,238,770.0	568,109.4	3,144.00				Average	
		66	1239	2,238,942.5	568,210.7	3,143.00				Average	
		67	1240	2,239,115.0	568,312.1	3,143.00				Average	
		68	1241	2,239,287.2	568,413.5	3,142.00				Average	
		69	1242	2,239,480.0	568,526.7	3,142.00				Average	
		70	1243	2,239,633.5	568,614.0	3,141.00				Average	
		71	1244	2,239,811.0	568,707.0	3,140.00				Average	
		72	1245	2,239,991.0	568,794.0	3,139.00				Average	
		73	1246	2,240,172.2	568,878.8	3,139.00				Average	
		74	1247	2,240,353.5	568,963.5	3,138.00				Average	
		75	1248	2,240,534.5	569,048.3	3,138.00				Average	
		76	1249	2,240,715.8	569,133.0	3,137.00				Average	
		77	1250	2,240,897.0	569,217.8	3,137.00				Average	
		78	1251	2,241,077.5	569,303.5	3,136.00				Average	
		79	1252	2,241,255.2	569,394.8	3,137.00				Average	
		80	1253	2,241,429.5	569,492.2	3,137.00				Average	
		81	1254	2,241,600.8	569,595.4	3,138.00				Average	
		82	1255	2,241,768.0	569,704.4	3,138.00				Average	
		83	1256	2,241,931.8	569,819.2	3,138.00				Average	
		84	1257	2,242,091.5	569,939.0	3,138.00				Average	
		85	1258	2,242,251.0	570,060.0	3,138.00				Average	
		86	1259	2,242,410.2	570,180.9	3,137.00				Average	
		87	1260	2,242,569.5	570,301.9	3,137.00				Average	
		88	1261	2,242,728.8	570,422.8	3,136.00				Average	
		89	1262	2,242,888.0	570,543.8	3,136.00				Average	
		90	1263	2,243,047.2	570,664.7	3,136.00				Average	
		91	1264	2,243,206.5	570,785.6	3,136.00				Average	
		92	1265	2,243,366.0	570,906.6	3,137.00				Average	
		93	1266	2,243,525.2	571,027.5	3,138.00				Average	
		94	1267	2,243,684.5	571,148.5	3,140.00				Average	
		95	1268	2,243,843.8	571,269.4	3,141.00				Average	
		96	1269	2,244,003.0	571,390.4	3,143.00				Average	
		68	1270	2,244,088.0	571,448.0	3,143.00					
NE I90 (US87OnR to JohnsonOffR)in	12.5	97	1271	2,236,005.5	566,497.7	3,136.00				Average	
		98	1249	2,236,178.0	566,599.1	3,137.00				Average	
		99	1273	2,236,350.2	566,700.5	3,137.00				Average	
		100	1274	2,236,522.8	566,801.9	3,138.00				Average	
		101	1275	2,236,695.0	566,903.2	3,138.00				Average	
		102	1276	2,236,867.5	567,004.6	3,139.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		103	1277	2,237,040.0	567,106.0	3,140.00				Average	
		104	1278	2,237,212.2	567,207.3	3,140.00				Average	
		105	1279	2,237,384.8	567,308.7	3,140.00				Average	
		106	1280	2,237,557.2	567,410.1	3,141.00				Average	
		107	1281	2,237,729.5	567,511.5	3,141.00				Average	
		108	1282	2,237,902.0	567,612.8	3,142.00				Average	
		109	1283	2,238,074.5	567,714.2	3,142.00				Average	
		110	1284	2,238,246.8	567,815.6	3,142.00				Average	
		111	1285	2,238,419.2	567,917.0	3,143.00				Average	
		112	1286	2,238,591.5	568,018.3	3,143.00				Average	
		113	1287	2,238,764.0	568,119.7	3,143.00				Average	
		114	1288	2,238,936.5	568,221.1	3,143.00				Average	
		115	1289	2,239,108.8	568,322.4	3,142.00				Average	
		116	1290	2,239,281.2	568,423.8	3,142.00				Average	
		117	1291	2,239,454.0	568,525.1	3,142.00				Average	
		118	1292	2,239,628.0	568,626.5	3,141.00				Average	
		119	1293	2,239,805.5	568,727.8	3,140.00				Average	
		120	1294	2,239,986.0	568,829.1	3,140.00				Average	
		121	1295	2,240,167.2	568,930.4	3,138.00				Average	
		122	1296	2,240,348.5	569,031.7	3,138.00				Average	
		123	1297	2,240,529.5	569,133.0	3,138.00				Average	
		124	1298	2,240,710.8	569,234.3	3,137.00				Average	
		125	1299	2,240,891.8	569,335.6	3,137.00				Average	
		126	1300	2,241,072.0	569,436.9	3,136.00				Average	
		127	1301	2,241,249.5	569,538.2	3,136.00				Average	
		128	1302	2,241,423.5	569,639.5	3,137.00				Average	
		129	1303	2,241,594.2	569,740.8	3,137.00				Average	
		130	1304	2,241,761.5	569,842.1	3,138.00				Average	
		131	1305	2,241,924.5	569,943.4	3,138.00				Average	
		132	1306	2,242,084.5	570,044.7	3,138.00				Average	
		133	1307	2,242,243.5	570,146.0	3,138.00				Average	
		134	1308	2,242,403.0	570,247.3	3,137.00				Average	
		135	1309	2,242,562.2	570,348.6	3,137.00				Average	
		136	1310	2,242,721.5	570,449.9	3,136.00				Average	
		137	1311	2,242,880.8	570,551.2	3,136.00				Average	
		138	1312	2,243,040.0	570,652.5	3,135.00				Average	
		139	1313	2,243,199.2	570,753.8	3,136.00				Average	
		140	1314	2,243,358.5	570,855.1	3,137.00				Average	
		141	1315	2,243,518.0	570,956.4	3,138.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		142	1316	2,243,677.2	571,158.0	3,140.00				Average	
		143	1317	2,243,836.5	571,279.0	3,141.00				Average	
		144	1318	2,243,995.8	571,399.9	3,142.00				Average	
		150	1319	2,244,080.5	571,457.6	3,143.00					
SW I90 (JohnsonOnR to US87OffR)out	12.5	193	1320	2,243,976.5	571,463.1	3,142.00				Average	
		194	1321	2,243,817.0	571,342.2	3,141.00				Average	
		195	1322	2,243,658.0	571,221.2	3,140.00				Average	
		196	1323	2,243,498.5	571,100.3	3,139.00				Average	
		197	1324	2,243,339.2	570,979.3	3,137.00				Average	
		198	1325	2,243,180.0	570,858.4	3,136.00				Average	
		199	1326	2,243,020.8	570,737.4	3,136.00				Average	
		200	1327	2,242,861.5	570,616.5	3,136.00				Average	
		201	1328	2,242,702.0	570,495.5	3,136.00				Average	
		202	1329	2,242,543.0	570,374.6	3,137.00				Average	
		203	1330	2,242,383.5	570,253.6	3,137.00				Average	
		204	1331	2,242,224.2	570,132.7	3,138.00				Average	
		205	1332	2,242,065.0	570,011.8	3,138.00				Average	
		206	1333	2,241,905.2	569,891.5	3,138.00				Average	
		207	1334	2,241,742.0	569,776.3	3,137.00				Average	
		208	1335	2,241,575.0	569,666.7	3,137.00				Average	
		209	1336	2,241,404.2	569,563.0	3,136.00				Average	
		210	1337	2,241,230.0	569,465.3	3,136.00				Average	
		211	1338	2,241,052.5	569,373.7	3,136.00				Average	
		212	1339	2,240,872.0	569,287.8	3,137.00				Average	
		213	1340	2,240,690.8	569,203.1	3,137.00				Average	
		214	1341	2,240,509.8	569,118.3	3,138.00				Average	
		215	1342	2,240,328.5	569,033.6	3,138.00				Average	
		216	1343	2,240,147.5	568,948.8	3,139.00				Average	
		217	1344	2,239,966.2	568,864.0	3,140.00				Average	
		218	1345	2,239,786.0	568,777.3	3,141.00				Average	
		219	1346	2,239,608.5	568,684.5	3,142.00				Average	
		220	1347	2,239,434.5	568,585.8	3,142.00				Average	
		221	1348	2,239,262.0	568,484.4	3,142.00				Average	
		222	1349	2,239,089.5	568,383.0	3,143.00				Average	
		223	1350	2,238,917.0	568,281.7	3,143.00				Average	
		224	1351	2,238,744.8	568,180.3	3,144.00				Average	
		225	1352	2,238,572.2	568,078.9	3,144.00				Average	
		226	1353	2,238,400.0	567,977.5	3,143.00				Average	
		227	1354	2,238,227.5	567,876.2	3,143.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		228	1355	2,238,055.0	567,774.8	3,142.00				Average	
		229	1356	2,237,882.8	567,673.4	3,142.00				Average	
		230	1357	2,237,710.2	567,572.0	3,142.00				Average	
		231	1358	2,237,538.0	567,470.7	3,141.00				Average	
		232	1359	2,237,365.5	567,369.3	3,141.00				Average	
		233	1360	2,237,193.0	567,267.9	3,140.00				Average	
		234	1361	2,237,020.8	567,166.6	3,140.00				Average	
		235	1362	2,236,848.2	567,065.2	3,139.00				Average	
		236	1363	2,236,675.8	566,963.8	3,139.00				Average	
		237	1364	2,236,503.5	566,862.4	3,138.00				Average	
		238	1365	2,236,331.0	566,761.1	3,138.00				Average	
		239	1366	2,236,158.5	566,659.7	3,137.00				Average	
		240	1367	2,235,986.2	566,558.3	3,137.00				Average	
		241	1368	2,235,813.8	566,456.9	3,136.00				Average	
		242	1369	2,235,641.5	566,355.6	3,136.00				Average	
		243	1370	2,235,469.0	566,254.2	3,136.00				Average	
		244	1371	2,235,327.5	566,171.0	3,136.00					
SW I90 (JohnsonOnR to US87OffR)mid	12.5	245	1372	2,243,983.8	571,453.5	3,142.00				Average	
		246	1373	2,243,824.5	571,332.6	3,141.00				Average	
		247	1374	2,243,665.0	571,211.7	3,140.00				Average	
		248	1375	2,243,505.8	571,090.7	3,139.00				Average	
		249	1376	2,243,346.5	570,969.8	3,137.00				Average	
		250	1377	2,243,187.2	570,848.8	3,136.00				Average	
		251	1378	2,243,028.0	570,727.9	3,136.00				Average	
		252	1379	2,242,868.8	570,606.9	3,136.00				Average	
		253	1380	2,242,709.5	570,486.0	3,136.00				Average	
		254	1381	2,242,550.0	570,365.0	3,137.00				Average	
		255	1382	2,242,390.8	570,244.1	3,137.00				Average	
		256	1383	2,242,231.5	570,123.1	3,138.00				Average	
		257	1384	2,242,072.2	570,002.2	3,138.00				Average	
		258	1385	2,241,912.5	569,881.8	3,138.00				Average	
		259	1386	2,241,749.0	569,766.3	3,138.00				Average	
		260	1387	2,241,581.5	569,656.6	3,137.00				Average	
		261	1388	2,241,410.2	569,552.7	3,137.00				Average	
		262	1389	2,241,235.8	569,454.8	3,136.00				Average	
		263	1390	2,241,057.8	569,363.0	3,137.00				Average	
		264	1391	2,240,877.0	569,277.0	3,137.00				Average	
		265	1392	2,240,696.0	569,192.2	3,137.00				Average	
		266	1393	2,240,514.8	569,107.5	3,138.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		267	1394	2,240,333.5	569,022.7	3,138.00				Average	
		268	1395	2,240,152.5	568,937.9	3,139.00				Average	
		269	1396	2,239,971.5	568,853.2	3,140.00				Average	
		270	1397	2,239,791.2	568,766.6	3,141.00				Average	
		271	1398	2,239,614.2	568,674.0	3,141.00				Average	
		272	1399	2,239,440.5	568,575.4	3,142.00				Average	
		273	1400	2,239,268.0	568,474.1	3,142.00				Average	
		274	1401	2,239,095.5	568,372.7	3,143.00				Average	
		275	1402	2,238,923.2	568,271.3	3,143.00				Average	
		276	1403	2,238,750.8	568,169.9	3,144.00				Average	
		277	1404	2,238,578.5	568,068.6	3,144.00				Average	
		278	1405	2,238,406.0	567,967.2	3,143.00				Average	
		279	1406	2,238,233.5	567,865.8	3,143.00				Average	
		280	1407	2,238,061.2	567,764.4	3,142.00				Average	
		281	1408	2,237,888.8	567,663.1	3,142.00				Average	
		282	1409	2,237,716.5	567,561.7	3,142.00				Average	
		283	1410	2,237,544.0	567,460.3	3,141.00				Average	
		284	1411	2,237,371.5	567,359.0	3,141.00				Average	
		285	1412	2,237,199.0	567,257.6	3,140.00				Average	
		286	1413	2,237,026.8	567,156.2	3,140.00				Average	
		287	1414	2,236,854.2	567,054.8	3,139.00				Average	
		288	1415	2,236,682.0	566,953.5	3,139.00				Average	
		289	1416	2,236,509.5	566,852.1	3,138.00				Average	
		290	1417	2,236,337.0	566,750.7	3,138.00				Average	
		291	1418	2,236,164.8	566,649.3	3,137.00				Average	
		292	1419	2,235,992.2	566,548.0	3,137.00				Average	
		293	1420	2,235,820.0	566,446.6	3,136.00				Average	
		294	1421	2,235,647.5	566,345.2	3,136.00				Average	
		295	1422	2,235,475.0	566,243.9	3,136.00				Average	
		296	1423	2,235,303.5	566,142.6	3,136.00				Average	
SW I90 (JohnsonOnR to US87OffR)in	12.5	297	1424	2,243,991.0	571,444.0	3,142.00				Average	
		298	1425	2,243,831.8	571,323.0	3,141.00				Average	
		299	1426	2,243,672.5	571,202.1	3,140.00				Average	
		300	1427	2,243,513.0	571,081.1	3,138.00				Average	
		301	1428	2,243,353.8	570,960.2	3,137.00				Average	
		302	1429	2,243,194.5	570,839.3	3,136.00				Average	
		303	1430	2,243,035.2	570,718.3	3,135.00				Average	
		304	1431	2,242,876.0	570,597.4	3,136.00				Average	
		305	1432	2,242,716.8	570,476.4	3,136.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		306	1433	2,242,557.5	570,355.5	3,137.00				Average	
		307	1434	2,242,398.0	570,234.5	3,137.00				Average	
		308	1435	2,242,238.8	570,113.6	3,138.00				Average	
		309	1444	2,242,079.5	569,992.6	3,139.00				Average	
		310	1437	2,241,919.5	569,872.1	3,139.00				Average	
		311	1438	2,241,755.5	569,756.4	3,138.00				Average	
		312	1439	2,241,588.0	569,646.4	3,138.00				Average	
		313	1440	2,241,416.5	569,542.3	3,137.00				Average	
		314	1441	2,241,241.5	569,444.2	3,137.00				Average	
		315	1442	2,241,063.0	569,352.2	3,137.00				Average	
		316	1443	2,240,882.2	569,266.1	3,137.00				Average	
		317	1444	2,240,701.0	569,181.4	3,137.00				Average	
		318	1445	2,240,520.0	569,096.6	3,138.00				Average	
		319	1446	2,240,338.8	569,011.8	3,138.00				Average	
		320	1447	2,240,157.5	568,927.1	3,138.00				Average	
		321	1448	2,239,976.5	568,842.3	3,140.00				Average	
		322	1449	2,239,796.5	568,755.8	3,140.00				Average	
		323	1450	2,239,620.0	568,663.5	3,141.00				Average	
		324	1451	2,239,446.5	568,565.0	3,142.00				Average	
		325	1452	2,239,274.0	568,463.7	3,142.00				Average	
		326	1453	2,239,101.8	568,362.3	3,143.00				Average	
		327	1454	2,238,929.2	568,261.0	3,143.00				Average	
		328	1455	2,238,757.0	568,159.6	3,144.00				Average	
		329	1456	2,238,584.5	568,058.2	3,143.00				Average	
		330	1457	2,238,412.0	567,956.9	3,143.00				Average	
		331	1458	2,238,239.8	567,855.5	3,142.00				Average	
		332	1459	2,238,067.2	567,754.1	3,142.00				Average	
		333	1460	2,237,894.8	567,652.7	3,142.00				Average	
		334	1461	2,237,722.5	567,551.4	3,141.00				Average	
		335	1462	2,237,550.0	567,450.0	3,141.00				Average	
		336	1463	2,237,377.5	567,348.6	3,140.00				Average	
		337	1464	2,237,205.2	567,247.2	3,140.00				Average	
		338	1465	2,237,032.8	567,145.9	3,140.00				Average	
		339	1466	2,236,860.5	567,044.5	3,139.00				Average	
		340	1467	2,236,688.0	566,943.1	3,138.00				Average	
		341	1468	2,236,515.5	566,841.7	3,138.00				Average	
		342	1469	2,236,343.2	566,740.4	3,137.00				Average	
		343	1470	2,236,170.8	566,639.0	3,137.00				Average	
		344	1471	2,235,998.5	566,537.6	3,137.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		345	1472	2,235,826.0	566,436.3	3,136.00				Average	
		346	1473	2,235,653.5	566,334.9	3,135.00				Average	
		347	1474	2,235,481.2	566,233.5	3,136.00				Average	
		348	1475	2,235,339.5	566,150.3	3,135.00					
Shoulder3	11.5	504	1496	2,234,832.5	565,571.4	3,163.00				Average	
		505	1497	2,234,924.5	565,632.6	3,160.00				Average	
		506	1498	2,235,012.5	565,703.7	3,156.00				Average	
		507	1499	2,235,110.0	565,783.2	3,151.00				Average	
		508	1500	2,235,265.0	565,909.6	3,143.00				Average	
		509	1501	2,235,394.0	566,014.7	3,138.00				Average	
		517	1502	2,235,423.5	566,054.0	3,138.00				Average	
		518	1503	2,235,570.2	566,168.0	3,135.00				Average	
		519	1504	2,235,651.0	566,227.1	3,135.00				Average	
		520	1505	2,235,732.8	566,284.5	3,135.00				Average	
		521	1506	2,235,815.5	566,340.3	3,135.00				Average	
		522	1507	2,235,899.5	566,394.4	3,136.00				Average	
		523	1508	2,235,984.8	566,446.9	3,136.00				Average	
		145	1509	2,236,023.2	566,467.6	3,136.00					
Shoulder4	11.5	399	1510	2,235,463.5	566,263.7	3,135.00				Average	
		529	1511	2,235,276.2	566,180.9	3,134.00				Average	
		530	1512	2,235,155.0	566,123.7	3,134.00				Average	
		531	1513	2,235,063.0	566,084.9	3,134.00				Average	
		532	1514	2,234,969.5	566,049.8	3,136.00				Average	
		533	1515	2,234,874.8	566,018.3	3,138.00				Average	
		534	1516	2,234,779.0	565,990.6	3,141.00				Average	
		535	1517	2,234,667.0	565,974.9	3,145.00				Average	
		536	1518	2,234,591.0	565,956.3	3,148.00				Average	
		537	1519	2,234,502.5	565,930.2	3,151.00				Average	
		538	1520	2,234,436.8	565,905.0	3,153.00				Average	
		539	1521	2,234,378.2	565,878.0	3,154.00				Average	
		540	1522	2,234,321.5	565,847.6	3,154.00				Average	
		541	1523	2,234,281.0	565,827.0	3,153.00				Average	
		542	1524	2,234,242.2	565,817.9	3,153.00				Average	
		543	1525	2,234,215.0	565,817.0	3,152.00				Average	
		544	1526	2,234,185.5	565,823.7	3,151.00				Average	
		545	1527	2,234,148.5	565,839.1	3,150.00				Average	
		546	1528	2,234,134.8	565,851.0	3,150.00					
Shoulder5	11.5	599	1536	2,233,480.8	565,272.6	3,157.00				Average	
		600	1537	2,233,327.5	565,215.4	3,161.00					

INPUT: ROADWAYS

Lockwood Interchange

Shoulder6	11.5	145	1541	2,236,023.2	566,467.6	3,136.00				Average
		146	1542	2,236,195.8	566,568.9	3,137.00				Average
		147	1543	2,236,368.0	566,670.3	3,137.00				Average
		148	1544	2,236,540.5	566,771.7	3,138.00				Average
		149	1545	2,236,713.0	566,873.1	3,138.00				Average
		150	1546	2,236,885.2	566,974.4	3,139.00				Average
		151	1547	2,237,057.8	567,075.8	3,140.00				Average
		152	1548	2,237,230.0	567,177.2	3,140.00				Average
		153	1549	2,237,402.5	567,278.5	3,140.00				Average
		154	1550	2,237,575.0	567,379.9	3,141.00				Average
		155	1551	2,237,747.2	567,481.3	3,141.00				Average
		156	1552	2,237,919.8	567,582.7	3,142.00				Average
		157	1553	2,238,092.0	567,684.0	3,142.00				Average
		158	1554	2,238,264.5	567,785.4	3,142.00				Average
		159	1555	2,238,437.0	567,886.8	3,143.00				Average
		160	1556	2,238,609.2	567,988.2	3,143.00				Average
		161	1557	2,238,781.8	568,089.5	3,144.00				Average
		162	1558	2,238,954.0	568,190.9	3,143.00				Average
		163	1559	2,239,126.5	568,292.3	3,142.00				Average
		164	1560	2,239,299.0	568,393.6	3,142.00				Average
		165	1561	2,239,491.5	568,506.8	3,141.00				Average
		166	1562	2,239,644.5	568,593.8	3,140.00				Average
		167	1563	2,239,821.2	568,686.5	3,139.00				Average
		168	1564	2,240,001.0	568,773.2	3,139.00				Average
		169	1565	2,240,182.0	568,857.9	3,138.00				Average
		170	1566	2,240,363.2	568,942.7	3,138.00				Average
		171	1567	2,240,544.2	569,027.4	3,138.00				Average
		172	1568	2,240,725.5	569,112.2	3,137.00				Average
		173	1569	2,240,906.8	569,197.0	3,137.00				Average
		174	1570	2,241,087.5	569,282.9	3,137.00				Average
		175	1571	2,241,266.0	569,374.6	3,138.00				Average
		176	1572	2,241,441.2	569,472.3	3,138.00				Average
		177	1573	2,241,613.0	569,575.9	3,138.00				Average
		178	1574	2,241,781.0	569,685.4	3,139.00				Average
		179	1575	2,241,945.2	569,800.5	3,139.00				Average
		180	1576	2,242,105.5	569,920.7	3,139.00				Average
		181	1577	2,242,264.8	570,041.6	3,138.00				Average
		182	1578	2,242,424.0	570,162.6	3,137.00				Average
		183	1579	2,242,583.5	570,283.5	3,137.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		184	1580	2,242,742.5	570,404.5	3,136.00				Average	
		185	1581	2,242,902.0	570,525.4	3,136.00				Average	
		186	1582	2,243,061.2	570,646.4	3,135.00				Average	
		187	1583	2,243,220.5	570,767.3	3,136.00				Average	
		188	1584	2,243,379.8	570,888.3	3,137.00				Average	
		189	1585	2,243,539.0	571,009.2	3,138.00				Average	
		190	1586	2,243,698.5	571,130.2	3,140.00				Average	
		191	1587	2,243,857.5	571,251.1	3,141.00				Average	
		192	1588	2,244,017.0	571,372.1	3,143.00				Average	
		399	1589	2,244,052.5	571,397.3	3,140.00					
Shoulder12	11.5	349	1590	2,243,969.8	571,471.9	3,142.00				Average	
		350	1591	2,243,810.5	571,350.9	3,141.00				Average	
		351	1592	2,243,651.2	571,230.0	3,140.00				Average	
		352	1593	2,243,492.0	571,109.0	3,138.00				Average	
		353	1594	2,243,332.5	570,988.1	3,137.00				Average	
		354	1595	2,243,173.2	570,867.1	3,136.00				Average	
		355	1596	2,243,014.0	570,746.2	3,135.00				Average	
		356	1597	2,242,854.8	570,625.2	3,136.00				Average	
		357	1598	2,242,695.5	570,504.3	3,136.00				Average	
		358	1599	2,242,536.2	570,383.3	3,137.00				Average	
		359	1600	2,242,377.0	570,262.4	3,137.00				Average	
		360	1601	2,242,217.5	570,141.5	3,138.00				Average	
		361	1602	2,242,058.5	570,020.5	3,138.00				Average	
		362	1603	2,241,898.8	569,900.4	3,138.00				Average	
		363	1604	2,241,736.0	569,785.3	3,137.00				Average	
		364	1605	2,241,569.2	569,676.0	3,136.00				Average	
		365	1606	2,241,398.8	569,572.5	3,136.00				Average	
		366	1607	2,241,224.8	569,475.0	3,136.00				Average	
		367	1608	2,241,047.5	569,383.6	3,136.00				Average	
		368	1609	2,240,867.2	569,297.8	3,137.00				Average	
		369	1610	2,240,686.2	569,213.1	3,137.00				Average	
		370	1611	2,240,505.0	569,128.3	3,138.00				Average	
		371	1612	2,240,324.0	569,043.5	3,138.00				Average	
		372	1613	2,240,142.8	568,958.8	3,138.00				Average	
		373	1614	2,239,961.5	568,874.0	3,140.00				Average	
		374	1615	2,239,781.0	568,787.1	3,142.00				Average	
		375	1616	2,239,603.2	568,694.2	3,142.00				Average	
		376	1617	2,239,429.0	568,595.3	3,142.00				Average	
		377	1618	2,239,256.2	568,493.9	3,142.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		378	1619	2,239,084.0	568,392.5	3,143.00				Average	
		379	1620	2,238,911.5	568,291.1	3,143.00				Average	
		380	1621	2,238,739.0	568,189.8	3,144.00				Average	
		381	1622	2,238,566.8	568,088.4	3,143.00				Average	
		382	1623	2,238,394.2	567,987.0	3,143.00				Average	
		383	1624	2,238,222.0	567,885.6	3,142.00				Average	
		384	1625	2,238,049.5	567,784.3	3,142.00				Average	
		385	1626	2,237,877.0	567,682.9	3,142.00				Average	
		386	1627	2,237,704.8	567,581.5	3,141.00				Average	
		387	1628	2,237,532.2	567,480.2	3,141.00				Average	
		388	1629	2,237,360.0	567,378.8	3,140.00				Average	
		389	1630	2,237,187.5	567,277.4	3,140.00				Average	
		390	1631	2,237,015.0	567,176.0	3,140.00				Average	
		391	1632	2,236,842.8	567,074.7	3,139.00				Average	
		392	1633	2,236,670.2	566,973.3	3,138.00				Average	
		393	1634	2,236,498.0	566,871.9	3,138.00				Average	
		394	1635	2,236,325.5	566,770.5	3,137.00				Average	
		395	1636	2,236,153.0	566,669.2	3,137.00				Average	
		396	1637	2,235,980.8	566,567.8	3,137.00				Average	
		397	1638	2,235,808.2	566,466.4	3,136.00				Average	
		398	1639	2,235,635.8	566,365.1	3,135.00				Average	
		399	1640	2,235,463.5	566,263.7	3,135.00					
OffRamp from NE I90 to US87 out	12.5	402	1642	2,232,983.8	564,960.6	3,169.00				Average	
		403	1643	2,233,176.2	565,016.2	3,167.00				Average	
		404	1644	2,233,433.2	565,093.6	3,163.00				Average	
		405	1645	2,233,625.0	565,150.5	3,158.00				Average	
		406	1646	2,233,720.8	565,178.9	3,154.00				Average	
		407	1647	2,233,817.2	565,203.9	3,152.00				Average	
		408	1648	2,233,915.0	565,223.4	3,150.00				Average	
		409	1649	2,234,013.8	565,237.4	3,150.00					
OffRamp from NE I90 to US87 in	12.5	422	1651	2,232,980.5	564,972.1	3,169.00				Average	
		423	1652	2,233,173.0	565,027.7	3,167.00				Average	
		424	1653	2,233,429.8	565,105.1	3,163.00				Average	
		425	1654	2,233,621.5	565,162.0	3,158.00				Average	
		426	1655	2,233,717.5	565,190.5	3,155.00				Average	
		427	1656	2,233,814.5	565,215.6	3,152.00				Average	
		428	1657	2,233,913.0	565,235.3	3,151.00				Average	
		429	1658	2,234,012.2	565,249.3	3,151.00					
OffRamp from NE I90 to US87 out1	12.5	441	1659	2,234,055.0	565,231.1	3,150.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		442	1660	2,234,174.5	565,236.9	3,153.00				Average	
		443	1661	2,234,270.0	565,241.8	3,156.00				Average	
		444	1662	2,234,326.2	565,247.0	3,160.00				Average	
		445	1663	2,234,370.0	565,257.0	3,162.00				Average	
		446	1664	2,234,416.5	565,274.0	3,163.00				Average	
		447	1665	2,234,461.5	565,297.9	3,165.00				Average	
		448	1666	2,234,505.5	565,330.3	3,166.00				Average	
		449	1667	2,234,535.2	565,358.2	3,166.00				Average	
		450	1668	2,234,566.8	565,381.8	3,165.00				Average	
		451	1669	2,234,603.2	565,398.9	3,165.00				Average	
		452	1670	2,234,642.0	565,407.8	3,166.00				Average	
		453	1671	2,234,673.8	565,409.0	3,167.00				Average	
		454	1672	2,234,714.2	565,402.7	3,168.00					
OffRamp from NE I90 to US87 mid1	12.5	409	1673	2,234,013.8	565,237.4	3,150.00				Average	
		410	1674	2,234,121.8	565,246.2	3,152.00				Average	
		411	1675	2,234,293.0	565,254.6	3,158.00				Average	
		412	1676	2,234,313.2	565,257.2	3,159.00				Average	
		413	1677	2,234,361.2	565,266.9	3,161.00				Average	
		414	1678	2,234,410.8	565,284.5	3,163.00				Average	
		415	1679	2,234,457.8	565,309.7	3,165.00				Average	
		416	1680	2,234,496.5	565,338.3	3,166.00				Average	
		417	1681	2,234,535.0	565,376.2	3,165.00				Average	
		418	1682	2,234,570.0	565,424.4	3,164.00				Average	
		419	1683	2,234,578.0	565,451.1	3,163.00				Average	
		420	1684	2,234,574.2	565,488.8	3,162.00					
OffRamp from NE I90 to US87 in1	12.5	429	1685	2,234,012.2	565,249.3	3,151.00				Average	
		430	1686	2,234,121.0	565,258.2	3,152.00				Average	
		431	1687	2,234,292.0	565,266.5	3,158.00				Average	
		432	1688	2,234,311.2	565,269.0	3,158.00				Average	
		433	1689	2,234,358.0	565,278.5	3,160.00				Average	
		434	1690	2,234,405.8	565,295.5	3,162.00				Average	
		435	1691	2,234,451.2	565,319.9	3,164.00				Average	
		436	1692	2,234,488.8	565,347.5	3,165.00				Average	
		437	1693	2,234,526.0	565,384.1	3,165.00				Average	
		438	1694	2,234,559.2	565,429.8	3,164.00				Average	
		439	1695	2,234,566.0	565,452.3	3,163.00				Average	
		440	1696	2,234,562.2	565,487.5	3,162.00					
OnRamp from US87 to SW I90 out	12.5	592	1697	2,233,990.2	565,824.1	3,144.00				Average	
		593	1698	2,234,022.5	565,801.5	3,146.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		594	1699	2,234,053.2	565,780.5	3,147.00			Average	
		595	1700	2,234,079.8	565,761.4	3,148.00			Average	
		596	1701	2,234,091.5	565,749.9	3,148.00			Average	
		597	1702	2,234,101.0	565,732.9	3,149.00			Average	
		598	1703	2,234,105.0	565,720.0	3,149.00			Average	
		599	1704	2,234,106.5	565,694.9	3,150.00			Average	
		600	1705	2,234,100.5	565,670.5	3,149.00				
OnRamp from US87 to SW I90 in	12.5	579	1706	2,234,250.5	565,684.8	3,155.00			Average	
		580	1707	2,234,208.2	565,690.3	3,153.00			Average	
		581	1708	2,234,176.8	565,688.2	3,152.00			Average	
		582	1709	2,234,140.0	565,678.6	3,151.00			Average	
		583	1710	2,234,109.5	565,663.9	3,150.00				
OnRamp from US87 to SW I90	12.5	583	1711	2,234,109.5	565,663.9	3,150.00			Average	
		584	1712	2,234,062.0	565,627.1	3,148.00			Average	
		585	1713	2,233,962.2	565,547.5	3,146.00			Average	
		586	1714	2,233,845.8	565,464.2	3,146.00			Average	
		587	1715	2,233,751.0	565,403.2	3,148.00			Average	
		588	1716	2,233,664.5	565,352.5	3,151.00			Average	
		589	1717	2,233,576.0	565,305.3	3,155.00			Average	
		590	1718	2,233,486.0	565,261.4	3,158.00			Average	
		591	1719	2,233,387.2	565,218.4	3,161.00				
OnRamp from US87 to NE I90 out	12.5	480	1720	2,235,199.2	565,325.6	3,177.00			Average	
		481	1721	2,235,131.0	565,333.2	3,176.00			Average	
		482	1722	2,235,038.5	565,352.3	3,175.00			Average	
		483	1723	2,234,934.0	565,386.9	3,172.00			Average	
		484	1724	2,234,864.5	565,418.5	3,170.00			Average	
		485	1725	2,234,820.5	565,442.9	3,169.00			Average	
		486	1726	2,234,802.2	565,461.2	3,168.00			Average	
		487	1727	2,234,790.2	565,485.2	3,166.00			Average	
		488	1728	2,234,786.8	565,508.2	3,166.00			Average	
		489	1729	2,234,790.0	565,531.0	3,165.00			Average	
		490	1730	2,234,800.2	565,553.2	3,164.00			Average	
		491	1731	2,234,819.5	565,573.7	3,163.00			Average	
		492	1732	2,234,827.5	565,578.9	3,163.00			Average	
		493	1733	2,234,919.2	565,639.9	3,160.00			Average	
		494	1734	2,235,006.8	565,710.7	3,156.00			Average	
		495	1735	2,235,104.5	565,790.2	3,151.00			Average	
		496	1736	2,235,259.5	565,916.6	3,143.00			Average	
		497	1737	2,235,388.5	566,021.7	3,139.00				

INPUT: ROADWAYS

Lockwood Interchange

OnRamp from US87 to NE I90 in	12.5	795	1738	2,234,643.8	565,536.1	3,163.00				Average
		794	1739	2,234,684.2	565,533.5	3,164.00				Average
		793	1740	2,234,717.2	565,539.2	3,164.00				Average
		792	1741	2,234,754.0	565,554.1	3,164.00				Average
		791	1742	2,234,807.8	565,581.4	3,163.00				Average
		498	1743	2,234,820.8	565,588.9	3,163.00				Average
		499	1744	2,234,912.0	565,649.6	3,160.00				Average
		500	1745	2,234,999.2	565,720.0	3,156.00				Average
		501	1746	2,235,096.8	565,799.5	3,151.00				Average
		502	1747	2,235,251.8	565,925.9	3,144.00				Average
		503	1748	2,235,380.8	566,031.0	3,139.00				
OnRamp from US87 to NE I90	12.5	503	1749	2,235,380.8	566,031.0	3,139.00				Average
		510	1750	2,235,418.0	566,061.1	3,138.00				Average
		511	1751	2,235,564.8	566,175.2	3,136.00				Average
		512	1752	2,235,645.5	566,234.4	3,135.00				Average
		513	1753	2,235,727.5	566,291.9	3,135.00				Average
		514	1754	2,235,810.5	566,347.8	3,136.00				Average
		515	1755	2,235,894.8	566,402.0	3,136.00				Average
		516	1756	2,235,980.0	566,454.5	3,136.00				Average
		1	1757	2,236,017.8	566,477.0	3,137.00				
OffRamp from SW I90 to US87	12.5	524	1758	2,235,284.5	566,173.3	3,135.00				Average
		525	1759	2,235,155.5	566,112.4	3,134.00				Average
		526	1760	2,235,014.0	566,054.7	3,135.00				Average
		527	1761	2,234,862.5	566,003.5	3,139.00				Average
		528	1762	2,234,690.5	565,947.0	3,145.00				
OffRamp from SW I90 to US87 out	12.5	557	1763	2,234,669.5	565,963.2	3,145.00				Average
		558	1764	2,234,550.8	565,933.4	3,150.00				Average
		559	1765	2,234,494.8	565,915.9	3,152.00				Average
		560	1766	2,234,434.5	565,892.9	3,153.00				Average
		561	1767	2,234,362.5	565,857.7	3,154.00				Average
		567	1768	2,234,326.8	565,840.2	3,154.00				Average
		568	1769	2,234,292.5	565,821.9	3,154.00				Average
		569	1770	2,234,254.5	565,809.9	3,153.00				Average
		570	1771	2,234,232.5	565,807.6	3,153.00				Average
		571	1772	2,234,205.2	565,809.1	3,152.00				Average
		572	1773	2,234,182.2	565,814.1	3,151.00				
OffRamp from SW I90 to US87 mid	12.5	552	1774	2,234,672.5	565,951.5	3,145.00				Average
		553	1775	2,234,554.0	565,921.9	3,149.00				Average
		554	1776	2,234,498.5	565,904.6	3,151.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		555	1777	2,234,439.2	565,881.9	3,153.00				Average	
		556	1778	2,234,367.8	565,846.9	3,154.00				Average	
		573	1779	2,234,332.5	565,829.7	3,154.00				Average	
		574	1780	2,234,297.2	565,810.8	3,154.00				Average	
		575	1781	2,234,257.0	565,798.1	3,154.00				Average	
		576	1782	2,234,233.0	565,795.6	3,153.00				Average	
		577	1783	2,234,203.5	565,797.1	3,152.00				Average	
		578	1784	2,234,179.5	565,802.4	3,151.00					
OffRamp from SW I90 to US87 in	12.5	528	1785	2,234,690.5	565,947.0	3,145.00				Average	
		547	1786	2,234,675.2	565,939.9	3,146.00				Average	
		548	1787	2,234,557.2	565,910.3	3,149.00				Average	
		549	1788	2,234,502.5	565,893.2	3,151.00				Average	
		550	1789	2,234,444.0	565,870.9	3,153.00				Average	
		551	1790	2,234,373.0	565,836.2	3,154.00				Average	
		562	1791	2,234,358.0	565,821.4	3,154.00				Average	
		563	1792	2,234,341.8	565,803.1	3,154.00				Average	
		564	1793	2,234,330.8	565,769.0	3,154.00				Average	
		565	1794	2,234,331.0	565,755.2	3,155.00				Average	
		566	1795	2,234,340.0	565,726.9	3,155.00					
EB US87 (W of Frontage)out	12.5	607	1796	2,231,873.0	565,483.6	3,134.00				Average	
		608	1797	2,232,335.5	565,435.0	3,132.00				Average	
		609	1798	2,232,439.2	565,425.2	3,142.00				Average	
		610	1799	2,232,516.8	565,422.4	3,142.00				Average	
		611	1800	2,232,587.2	565,425.9	3,140.00				Average	
		612	1801	2,232,648.2	565,432.9	3,138.00				Average	
		613	1802	2,232,715.0	565,448.4	3,136.00				Average	
		614	1803	2,232,803.0	565,478.4	3,134.00				Average	
		615	1804	2,232,875.5	565,509.9	3,132.00				Average	
		616	1805	2,232,942.8	565,549.1	3,130.00				Average	
		617	1806	2,233,000.8	565,589.6	3,130.00				Average	
		618	1807	2,233,074.0	565,648.1	3,128.00				Average	
		602	1808	2,233,195.0	565,741.1	3,127.00				Average	
		603	1809	2,233,258.2	565,790.5	3,127.00				Average	
		604	1810	2,233,298.0	565,816.6	3,126.00				Average	
		605	1811	2,233,331.5	565,835.8	3,126.00				Average	
		606	1812	2,233,382.0	565,860.7	3,127.00				Average	
		607	1813	2,233,430.2	565,879.9	3,127.00				Average	
		608	1814	2,233,478.0	565,895.2	3,128.00					
EB US87 (W of Frontage)in	12.5	652	1815	2,231,874.2	565,495.5	3,136.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		653	1816	2,232,336.8	565,446.9	3,128.00				Average	
		654	1817	2,232,440.0	565,437.2	3,142.00				Average	
		655	1818	2,232,516.5	565,434.4	3,140.00				Average	
		656	1819	2,232,586.2	565,437.9	3,140.00				Average	
		657	1820	2,232,646.2	565,444.8	3,138.00				Average	
		658	1827	2,232,711.5	565,459.9	3,136.00				Average	
		659	1822	2,232,798.5	565,489.6	3,132.00				Average	
		660	1823	2,232,870.2	565,520.6	3,130.00				Average	
		661	1824	2,232,936.5	565,559.2	3,130.00				Average	
		662	1825	2,232,993.5	565,599.2	3,130.00				Average	
		663	1826	2,233,066.5	565,657.4	3,128.00				Average	
		656	1827	2,233,187.5	565,750.5	3,128.00				Average	
		657	1828	2,233,251.2	565,800.3	3,127.00				Average	
		658	1829	2,233,291.5	565,826.8	3,127.00				Average	
		659	1830	2,233,325.8	565,846.4	3,127.00				Average	
		660	1831	2,233,377.2	565,871.6	3,127.00				Average	
		661	1832	2,233,426.0	565,891.2	3,127.00				Average	
		662	1833	2,233,474.8	565,906.8	3,128.00				Average	
WB US87 (W of Frontage)out	12.5	750	1834	2,233,584.5	565,971.2	3,132.00				Average	
		751	1835	2,233,485.5	565,953.1	3,130.00				Average	
		752	1836	2,233,389.8	565,922.3	3,128.00				Average	
		753	1837	2,233,298.5	565,879.4	3,128.00				Average	
		754	1838	2,233,213.8	565,825.1	3,128.00				Average	
		755	1839	2,233,135.5	565,762.2	3,128.00				Average	
		756	1840	2,233,058.5	565,698.7	3,128.00				Average	
		802	1841	2,232,985.2	565,648.4	3,128.00				Average	
		803	1842	2,232,930.0	565,605.6	3,128.00				Average	
		804	1843	2,232,879.8	565,574.6	3,128.00				Average	
		805	1844	2,232,838.2	565,552.6	3,130.00				Average	
		806	1845	2,232,789.5	565,529.9	3,130.00				Average	
		807	1846	2,232,731.5	565,510.6	3,132.00				Average	
		808	1847	2,232,674.2	565,494.0	3,134.00				Average	
		809	1848	2,232,620.0	565,483.7	3,136.00				Average	
		810	1849	2,232,554.0	565,477.5	3,138.00				Average	
		811	1850	2,232,484.2	565,476.8	3,140.00				Average	
		812	1851	2,232,360.2	565,486.5	3,126.00				Average	
		813	1852	2,231,878.5	565,537.2	3,134.00				Average	
WB US87 (W of Frontage)in	12.5	784	1853	2,233,586.0	565,959.3	3,132.00				Average	
		785	1854	2,233,488.5	565,941.5	3,129.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		786	1855	2,233,394.0	565,911.2	3,128.00				Average	
		787	1856	2,233,304.5	565,868.9	3,128.00				Average	
		788	1857	2,233,220.8	565,815.4	3,128.00				Average	
		789	1858	2,233,143.2	565,752.9	3,128.00				Average	
		790	1859	2,233,066.0	565,689.4	3,128.00				Average	
		840	1860	2,232,992.5	565,639.0	3,128.00				Average	
		841	1861	2,232,936.8	565,595.7	3,128.00				Average	
		842	1862	2,232,885.5	565,564.2	3,130.00				Average	
		843	1863	2,232,843.8	565,541.8	3,130.00				Average	
		844	1864	2,232,794.0	565,518.7	3,132.00				Average	
		845	1865	2,232,735.0	565,499.1	3,132.00				Average	
		846	1866	2,232,677.0	565,482.3	3,134.00				Average	
		847	1867	2,232,621.8	565,471.8	3,136.00				Average	
		848	1868	2,232,554.5	565,465.5	3,138.00				Average	
		849	1869	2,232,483.8	565,464.8	3,140.00				Average	
		850	1870	2,232,359.2	565,474.5	3,130.00				Average	
		851	1871	2,231,877.2	565,525.2	3,136.00					
EB US87 (Frontage to Ramps)out	12.5	608	1872	2,233,478.0	565,895.2	3,128.00				Average	
		609	1873	2,233,527.5	565,907.3	3,129.00				Average	
		610	1874	2,233,587.0	565,917.1	3,130.00				Average	
		611	1875	2,233,658.5	565,922.3	3,132.00				Average	
		612	1876	2,233,731.2	565,920.2	3,135.00				Average	
		613	1877	2,233,792.8	565,912.7	3,137.00				Average	
		614	1878	2,233,860.5	565,898.1	3,139.00				Average	
		615	1879	2,233,907.5	565,883.6	3,141.00				Average	
		616	1880	2,233,956.2	565,860.7	3,143.00				Average	
		617	1881	2,233,993.8	565,836.4	3,144.00					
EB US87 (Frontage to Ramps)in	12.5	662	1882	2,233,474.8	565,906.8	3,128.00				Average	
		663	1883	2,233,525.2	565,919.1	3,129.00				Average	
		664	1884	2,233,585.5	565,929.0	3,131.00				Average	
		665	1885	2,233,658.0	565,934.3	3,133.00				Average	
		666	1886	2,233,732.0	565,932.2	3,135.00				Average	
		667	1887	2,233,794.8	565,924.6	3,137.00				Average	
		668	1888	2,233,863.5	565,909.7	3,140.00				Average	
		669	1889	2,233,911.8	565,894.8	3,142.00				Average	
		670	1890	2,233,962.0	565,871.3	3,143.00				Average	
		671	1891	2,234,000.5	565,846.3	3,145.00					
WB US87 (Frontage to Ramps)out	12.5	742	1894	2,234,126.5	565,844.3	3,150.00				Average	
		743	1895	2,234,073.8	565,880.9	3,148.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		744	1896	2,234,038.2	565,898.6	3,146.00				Average	
		745	1897	2,234,001.8	565,912.0	3,145.00				Average	
		746	1898	2,233,934.5	565,932.5	3,143.00				Average	
		747	1899	2,233,869.0	565,951.7	3,141.00				Average	
		748	1900	2,233,785.5	565,968.5	3,138.00				Average	
		749	1901	2,233,685.2	565,976.4	3,135.00				Average	
		750	1902	2,233,584.5	565,971.2	3,132.00					
WB US87 (Frontage to Ramps)in	12.5	776	1903	2,234,119.0	565,835.0	3,149.00				Average	
		777	1904	2,234,067.8	565,870.5	3,147.00				Average	
		778	1905	2,234,033.5	565,887.5	3,146.00				Average	
		779	1906	2,233,998.0	565,900.6	3,145.00				Average	
		780	1907	2,233,931.0	565,921.0	3,142.00				Average	
		781	1908	2,233,866.0	565,940.1	3,140.00				Average	
		782	1909	2,233,784.0	565,956.6	3,138.00				Average	
		783	1910	2,233,685.0	565,964.4	3,135.00				Average	
		784	1911	2,233,586.0	565,959.3	3,132.00					
EB US87 (btn Ramps)out	12.5	617	1912	2,233,993.8	565,836.4	3,144.00				Average	
		618	1913	2,234,049.8	565,797.3	3,147.00				Average	
		619	1914	2,234,090.5	565,774.3	3,148.00				Average	
		620	1915	2,234,118.0	565,762.4	3,149.00				Average	
		621	1916	2,234,158.5	565,749.8	3,151.00				Average	
		622	1917	2,234,192.8	565,742.2	3,152.00				Average	
		623	1918	2,234,214.5	565,737.8	3,153.00				Average	
		739	1919	2,234,235.2	565,733.6	3,154.00				Average	
		624	1920	2,234,256.0	565,729.4	3,154.00				Average	Y
		625	1921	2,234,285.2	565,720.1	3,155.00				Average	Y
		626	1922	2,234,326.8	565,701.9	3,152.00				Average	Y
		627	1923	2,234,367.2	565,677.9	3,153.00				Average	Y
		628	1924	2,234,467.8	565,616.0	3,153.00				Average	Y
		629	1925	2,234,596.0	565,539.7	3,154.00				Average	Y
		630	1926	2,234,621.8	565,519.9	3,163.00				Average	Y
		631	1927	2,234,645.5	565,497.0	3,164.00				Average	
		732	1928	2,234,664.0	565,475.3	3,165.00				Average	
		632	1929	2,234,678.0	565,458.8	3,166.00				Average	
		633	1930	2,234,693.0	565,441.2	3,166.00				Average	
		634	1931	2,234,723.8	565,405.7	3,168.00					
EB US87 (btn Ramps)in	12.5	671	1932	2,234,000.5	565,846.3	3,145.00				Average	
		672	1933	2,234,056.0	565,807.4	3,147.00				Average	
		673	1934	2,234,095.8	565,785.1	3,148.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		674	1935	2,234,122.2	565,773.7	3,150.00			Average	
		675	1936	2,234,161.5	565,761.4	3,151.00			Average	
		676	1937	2,234,200.0	565,753.1	3,152.00			Average	
		677	1938	2,234,220.5	565,748.8	3,153.00			Average	Y
		678	1939	2,234,259.0	565,741.1	3,154.00			Average	Y
		679	1940	2,234,289.5	565,731.4	3,155.00			Average	Y
		680	1941	2,234,332.2	565,712.5	3,156.00			Average	Y
		681	1942	2,234,373.5	565,688.1	3,157.00			Average	Y
		682	1943	2,234,474.0	565,626.3	3,159.00			Average	Y
		683	1944	2,234,602.8	565,549.6	3,161.00			Average	Y
		684	1945	2,234,629.8	565,529.0	3,163.00			Average	Y
		685	1946	2,234,654.2	565,505.3	3,164.00			Average	
		686	1947	2,234,685.0	565,469.3	3,166.00			Average	
		687	1948	2,234,698.5	565,453.2	3,166.00			Average	
		688	1949	2,234,732.5	565,414.1	3,168.00				
WB US87 (btn Ramps)out	12.5	725	1951	2,235,156.5	565,317.7	3,176.00			Average	
		726	1952	2,235,112.8	565,324.0	3,176.00			Average	
		727	1953	2,235,015.8	565,346.1	3,175.00			Average	
		728	1954	2,234,922.0	565,378.8	3,172.00			Average	
		729	1955	2,234,831.5	565,421.3	3,170.00			Average	
		730	1956	2,234,753.0	565,450.4	3,167.00			Average	
		731	1957	2,234,692.8	565,467.3	3,166.00			Average	
		686	1958	2,234,685.0	565,469.3	3,166.00			Average	
		732	1959	2,234,664.0	565,475.3	3,165.00			Average	
		733	1960	2,234,641.0	565,482.0	3,164.00			Average	Y
		734	1961	2,234,596.5	565,500.5	3,163.00			Average	Y
		735	1962	2,234,553.0	565,526.1	3,161.00			Average	Y
		736	1963	2,234,307.5	565,673.9	3,158.00			Average	Y
		737	1964	2,234,264.0	565,705.4	3,155.00			Average	Y
		738	1965	2,234,245.8	565,722.6	3,154.00			Average	
		739	1966	2,234,235.2	565,733.6	3,154.00			Average	
		677	1967	2,234,220.5	565,748.8	3,153.00			Average	
		740	1968	2,234,215.0	565,754.9	3,153.00			Average	
		741	1969	2,234,172.2	565,799.4	3,151.00			Average	
		742	1970	2,234,126.5	565,844.3	3,150.00				
WB US87 (btn Ramps)in	12.5	759	1972	2,235,155.0	565,305.7	3,177.00			Average	
		760	1973	2,235,110.5	565,312.2	3,176.00			Average	
		761	1974	2,235,012.5	565,334.6	3,175.00			Average	
		762	1975	2,234,917.5	565,367.7	3,173.00			Average	

INPUT: ROADWAYS

Lockwood Interchange

		763	1976	2,234,827.0	565,410.2	3,170.00				Average	
		764	1977	2,234,749.2	565,438.9	3,168.00				Average	
		687	1978	2,234,698.5	565,453.2	3,166.00				Average	
		765	1979	2,234,689.5	565,455.7	3,166.00				Average	
		632	1980	2,234,678.0	565,458.8	3,166.00				Average	
		766	1981	2,234,669.8	565,461.0	3,165.00				Average	
		767	1982	2,234,637.0	565,470.7	3,164.00				Average	Y
		768	1983	2,234,591.2	565,489.7	3,163.00				Average	Y
		769	1984	2,234,546.8	565,515.8	3,152.00				Average	Y
		770	1985	2,234,300.8	565,663.8	3,154.00				Average	Y
		771	1986	2,234,256.2	565,696.2	3,155.00				Average	Y
		772	1987	2,234,237.2	565,714.1	3,154.00				Average	
		773	1988	2,234,220.8	565,731.4	3,153.00				Average	
		623	1989	2,234,214.5	565,737.8	3,153.00				Average	
		774	1990	2,234,206.2	565,746.6	3,153.00				Average	
		676	1991	2,234,200.0	565,753.1	3,152.00				Average	
		775	1992	2,234,163.8	565,791.0	3,151.00				Average	
		776	1993	2,234,119.0	565,835.0	3,149.00					
EB US87 (east of Coburn)out	12.5	634	1994	2,234,723.8	565,405.7	3,168.00				Average	
		635	1995	2,234,750.5	565,381.2	3,170.00				Average	
		636	1996	2,234,779.8	565,360.2	3,171.00				Average	
		637	1997	2,234,816.8	565,340.6	3,172.00				Average	
		638	1998	2,234,878.0	565,316.4	3,174.00				Average	
		639	1999	2,234,960.5	565,285.7	3,176.00				Average	
		640	2000	2,235,019.8	565,268.3	3,176.00				Average	
		641	2001	2,235,079.2	565,254.9	3,177.00				Average	
		642	2002	2,235,134.5	565,245.8	3,178.00				Average	
		643	2003	2,235,208.5	565,238.8	3,178.00				Average	
		644	2004	2,235,283.2	565,237.5	3,178.00				Average	
		645	2005	2,235,377.5	565,245.3	3,178.00				Average	
		646	2006	2,235,445.2	565,257.2	3,178.00				Average	
		647	2007	2,235,519.5	565,276.2	3,178.00				Average	
		648	2008	2,235,607.2	565,306.9	3,175.00				Average	
		649	2009	2,235,683.2	565,341.8	3,173.00				Average	
		650	2010	2,235,759.2	565,385.2	3,170.00				Average	
		651	2011	2,235,835.8	565,439.0	3,167.00				Average	
		652	2012	2,235,903.5	565,497.1	3,164.00				Average	
		653	2013	2,235,966.0	565,561.8	3,161.00				Average	
		654	2014	2,236,116.0	565,736.8	3,152.00					

INPUT: ROADWAYS

Lockwood Interchange

EB US87 (east of Coburn)in	12.5	688	2015	2,234,732.5	565,414.1	3,168.00				Average
		689	2016	2,234,758.0	565,390.6	3,169.00				Average
		690	2017	2,234,786.0	565,370.4	3,170.00				Average
		691	2018	2,234,821.8	565,351.5	3,172.00				Average
		692	2019	2,234,882.2	565,327.6	3,173.00				Average
		693	2020	2,234,964.2	565,297.1	3,175.00				Average
		694	2021	2,235,022.8	565,280.0	3,176.00				Average
		695	2022	2,235,081.5	565,266.7	3,177.00				Average
		696	2023	2,235,136.0	565,257.7	3,178.00				Average
		697	2024	2,235,209.2	565,250.8	3,178.00				Average
		698	2025	2,235,282.8	565,249.5	3,178.00				Average
		699	2026	2,235,376.0	565,257.2	3,178.00				Average
		700	2027	2,235,442.8	565,269.0	3,178.00				Average
		701	2028	2,235,516.0	565,287.7	3,177.00				Average
		702	2029	2,235,602.8	565,318.1	3,174.00				Average
		703	2030	2,235,677.8	565,352.5	3,172.00				Average
		704	2031	2,235,753.0	565,395.3	3,169.00				Average
		705	2032	2,235,828.5	565,448.5	3,166.00				Average
		706	2033	2,235,895.2	565,505.8	3,164.00				Average
		707	2034	2,235,957.0	565,569.9	3,160.00				Average
		708	2035	2,236,107.0	565,744.6	3,153.00				
EB US87 (east of Coburn)	12.5	708	2036	2,236,107.0	565,744.6	3,153.00				Average
		698	2037	2,236,185.0	565,841.8	3,154.00				Average
		699	2038	2,236,392.8	566,073.8	3,148.00				Average
		700	2039	2,236,567.8	566,271.7	3,144.00				Average
		701	2040	2,236,687.8	566,405.6	3,144.00				Average
		702	2041	2,236,752.0	566,472.7	3,142.00				Average
		703	2042	2,236,800.5	566,517.0	3,142.00				Average
		704	2043	2,236,837.8	566,550.1	3,142.00				Average
		705	2044	2,236,898.5	566,592.8	3,140.00				Average
		706	2045	2,236,944.5	566,619.7	3,140.00				Average
		707	2046	2,236,996.2	566,645.9	3,140.00				Average
		708	2047	2,237,106.5	566,693.7	3,140.00				Average
		709	2048	2,237,493.5	566,847.9	3,142.00				Average
		710	2049	2,237,609.8	566,904.3	3,142.00				Average
		711	2050	2,237,734.2	566,970.4	3,140.00				Average
		712	2051	2,237,869.0	567,052.5	3,142.00				Average
		713	2052	2,238,342.8	567,344.9	3,140.00				Average
		714	2053	2,238,679.5	567,552.5	3,138.00				Average

INPUT: ROADWAYS

Lockwood Interchange

		715	2054	2,239,082.5	567,800.4	3,138.00				Average	
		716	2055	2,239,484.5	568,055.3	3,140.00				Average	
		717	2056	2,239,801.8	568,257.4	3,140.00				Average	
		718	2057	2,240,052.5	568,415.0	3,138.00				Average	
		719	2058	2,240,505.2	568,701.8	3,136.00				Average	
		720	2059	2,240,967.0	568,994.2	3,136.00				Average	
		721	2060	2,241,429.5	569,289.3	3,134.00				Average	
		722	2061	2,241,873.2	569,570.6	3,134.00				Average	
		723	2062	2,242,315.0	569,847.0	3,136.00				Average	
		724	2063	2,242,729.5	570,111.6	3,132.00				Average	
		725	2064	2,243,150.5	570,375.4	3,134.00				Average	
		726	2065	2,243,644.2	570,687.9	3,140.00				Average	
		727	2066	2,244,104.5	570,979.6	3,144.00				Average	
		728	2067	2,244,250.2	571,064.9	3,146.00				Average	
		729	2068	2,244,372.2	571,131.5	3,146.00				Average	
		730	2069	2,244,543.0	571,219.6	3,146.00				Average	
		731	2070	2,244,727.8	571,313.4	3,144.00				Average	
		732	2071	2,245,287.0	571,610.6	3,142.00					
WB US87 (east of Coburn)	12.5	733	2072	2,245,281.2	571,621.2	3,142.00				Average	
		734	2073	2,244,722.2	571,324.0	3,144.00				Average	
		735	2074	2,244,537.5	571,230.3	3,146.00				Average	
		736	2075	2,244,366.5	571,142.1	3,146.00				Average	
		737	2076	2,244,244.2	571,075.3	3,146.00				Average	
		738	2077	2,244,098.2	570,989.8	3,142.00				Average	
		739	2078	2,243,637.8	570,698.1	3,138.00				Average	
		740	2079	2,243,144.0	570,385.6	3,132.00				Average	
		741	2080	2,242,723.2	570,121.7	3,132.00				Average	
		742	2081	2,242,308.5	569,857.1	3,136.00				Average	
		743	2082	2,241,867.0	569,580.7	3,134.00				Average	
		744	2083	2,241,423.2	569,299.5	3,134.00				Average	
		745	2084	2,240,960.8	569,004.3	3,136.00				Average	
		746	2085	2,240,499.0	568,712.0	3,136.00				Average	
		747	2086	2,240,046.0	568,425.2	3,138.00				Average	
		748	2087	2,239,795.5	568,267.5	3,140.00				Average	
		749	2088	2,239,478.0	568,065.4	3,140.00				Average	
		750	2089	2,239,076.0	567,810.6	3,138.00				Average	
		751	2090	2,238,673.2	567,562.7	3,138.00				Average	
		752	2091	2,238,336.5	567,355.1	3,140.00				Average	
		753	2092	2,237,862.8	567,062.7	3,142.00				Average	

INPUT: ROADWAYS

Lockwood Interchange

		754	2093	2,237,728.2	566,980.9	3,140.00				Average	
		755	2094	2,237,604.2	566,915.0	3,142.00				Average	
		756	2095	2,237,488.5	566,858.9	3,142.00				Average	
		757	2096	2,237,102.0	566,704.8	3,140.00				Average	
		758	2097	2,236,991.2	566,656.8	3,140.00				Average	
		759	2098	2,236,938.8	566,630.2	3,140.00				Average	
		760	2099	2,236,892.0	566,602.9	3,140.00				Average	
		761	2100	2,236,830.2	566,559.5	3,140.00				Average	
		762	2101	2,236,792.5	566,525.9	3,142.00				Average	
		763	2102	2,236,743.8	566,481.3	3,142.00				Average	
		764	2103	2,236,679.0	566,413.8	3,142.00				Average	
		765	2104	2,236,558.8	566,279.6	3,144.00				Average	
		766	2105	2,236,383.8	566,081.7	3,148.00				Average	
		767	2106	2,236,176.0	565,849.8	3,154.00				Average	
		709	2107	2,236,098.0	565,752.6	3,153.00				Average	
		710	2108	2,236,014.0	565,662.1	3,156.00				Average	
		711	2109	2,235,936.0	565,578.4	3,159.00				Average	
		712	2110	2,235,883.8	565,528.6	3,161.00				Average	
		713	2111	2,235,837.2	565,490.2	3,163.00				Average	
		714	2112	2,235,788.2	565,454.9	3,165.00				Average	
		715	2113	2,235,737.2	565,423.0	3,167.00				Average	
		716	2114	2,235,697.2	565,401.1	3,168.00				Average	
		717	2115	2,235,655.5	565,380.9	3,170.00				Average	
		718	2116	2,235,608.0	565,361.1	3,171.00				Average	
		719	2117	2,235,550.5	565,341.1	3,172.00				Average	
		720	2118	2,235,480.5	565,322.3	3,174.00				Average	
		721	2119	2,235,418.5	565,314.0	3,175.00				Average	
		722	2120	2,235,349.5	565,311.7	3,175.00				Average	
		723	2121	2,235,310.8	565,312.6	3,176.00				Average	
WB US87 (east of Coburn)out	12.5	723	2122	2,235,310.8	565,312.6	3,176.00				Average	
		724	2123	2,235,228.8	565,312.0	3,177.00				Average	
		725	2124	2,235,156.5	565,317.7	3,176.00				Average	
WB US87 (east of Coburn)in	12.5	757	2125	2,235,311.0	565,300.6	3,177.00				Average	
		758	2126	2,235,228.2	565,300.0	3,177.00				Average	
		759	2127	2,235,155.0	565,305.7	3,177.00				Average	

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

MDT	11 December 2020											
HDR	TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:	Lockwood Interchange											
RUN:	Build Alternative											
Roadway	Points											
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
			Autos		V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
NE I90 (W of US87 OffR)out	1	1	1022	65	42	65	139	65	6	65	0	0
	2	2	1022	65	42	65	139	65	6	65	0	0
	3	3	1022	65	42	65	139	65	6	65	0	0
	4	4	1022	65	42	65	139	65	6	65	0	0
	5	5	1022	65	42	65	139	65	6	65	0	0
	6	6	1022	65	42	65	139	65	6	65	0	0
	7	7	1022	65	42	65	139	65	6	65	0	0
	8	8	1022	65	42	65	139	65	6	65	0	0
	9	9										
NE I90 (W of US87 OffR)in	83	13	1022	65	42	65	139	65	6	65	0	0
	84	14	1022	65	42	65	139	65	6	65	0	0
	85	15	1022	65	42	65	139	65	6	65	0	0
	86	16	1022	65	42	65	139	65	6	65	0	0
	87	17	1022	65	42	65	139	65	6	65	0	0
	88	18	1022	65	42	65	139	65	6	65	0	0
	89	19	1022	65	42	65	139	65	6	65	0	0
	90	20	1022	65	42	65	139	65	6	65	0	0
	91	21										
NE I90 (btn US87 ramps)out	9	1168	1685	65	79	65	258	65	8	65	0	0
	10	1167	1685	65	79	65	258	65	8	65	0	0
	11	1166	1685	65	79	65	258	65	8	65	0	0
	12	25	1685	65	79	65	258	65	8	65	0	0
	13	26	1685	65	79	65	258	65	8	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	14	27	1685	65	79	65	258	65	8	65	0	0
	15	28	1685	65	79	65	258	65	8	65	0	0
	16	29	1685	65	79	65	258	65	8	65	0	0
	17	30	1685	65	79	65	258	65	8	65	0	0
	18	31	1685	65	79	65	258	65	8	65	0	0
	19	32	1685	65	79	65	258	65	8	65	0	0
	20	33	1685	65	79	65	258	65	8	65	0	0
	21	34	1685	65	79	65	258	65	8	65	0	0
	22	35	1685	65	79	65	258	65	8	65	0	0
	23	36	1685	65	79	65	258	65	8	65	0	0
	24	37	1685	65	79	65	258	65	8	65	0	0
	25	38	1685	65	79	65	258	65	8	65	0	0
	26	39	1685	65	79	65	258	65	8	65	0	0
	27	1169	1685	65	79	65	258	65	8	65	0	0
	49	40										
NE I90 (btn US87 ramps)in	91	1172	1685	65	79	65	258	65	8	65	0	0
	92	1171	1685	65	79	65	258	65	8	65	0	0
	93	1170	1685	65	79	65	258	65	8	65	0	0
	94	41	1685	65	79	65	258	65	8	65	0	0
	95	42	1685	65	79	65	258	65	8	65	0	0
	96	43	1685	65	79	65	258	65	8	65	0	0
	97	44	1685	65	79	65	258	65	8	65	0	0
	98	45	1685	65	79	65	258	65	8	65	0	0
	99	46	1685	65	79	65	258	65	8	65	0	0
	100	47	1685	65	79	65	258	65	8	65	0	0
	101	48	1685	65	79	65	258	65	8	65	0	0
	102	49	1685	65	79	65	258	65	8	65	0	0
	103	50	1685	65	79	65	258	65	8	65	0	0
	104	51	1685	65	79	65	258	65	8	65	0	0
	105	52	1685	65	79	65	258	65	8	65	0	0
	106	53	1685	65	79	65	258	65	8	65	0	0
	107	54	1685	65	79	65	258	65	8	65	0	0
	108	55	1685	65	79	65	258	65	8	65	0	0
	109	1173	1685	65	79	65	258	65	8	65	0	0
	97	56										
NE I90 (btn JohnsonLn ramps)out	68	141	1685	65	79	65	258	65	8	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	69	142	1685	65	79	65	258	65	8	65	0	0
	70	143	1685	65	79	65	258	65	8	65	0	0
	71	144	1685	65	79	65	258	65	8	65	0	0
	72	145	1685	65	79	65	258	65	8	65	0	0
	73	146	1685	65	79	65	258	65	8	65	0	0
	74	147	1685	65	79	65	258	65	8	65	0	0
	75	148	1685	65	79	65	258	65	8	65	0	0
	76	149	1685	65	79	65	258	65	8	65	0	0
	77	150	1685	65	79	65	258	65	8	65	0	0
	78	151	1685	65	79	65	258	65	8	65	0	0
	79	152	1685	65	79	65	258	65	8	65	0	0
	80	153	1685	65	79	65	258	65	8	65	0	0
	81	154	1685	65	79	65	258	65	8	65	0	8
	82	155										
NE I90 (btn JohnsonLn ramps)in	150	156	1685	65	79	65	258	65	8	65	0	0
	151	157	1685	65	79	65	258	65	8	65	0	0
	152	158	1685	65	79	65	258	65	8	65	0	0
	153	159	1685	65	79	65	258	65	8	65	0	0
	154	160	1685	65	79	65	258	65	8	65	0	0
	155	161	1685	65	79	65	258	65	8	65	0	0
	156	162	1685	65	79	65	258	65	8	65	0	0
	157	163	1685	65	79	65	258	65	8	65	0	0
	158	164	1685	65	79	65	258	65	8	65	0	0
	159	165	1685	65	79	65	258	65	8	65	0	0
	160	166	1685	65	79	65	258	65	8	65	0	0
	161	167	1685	65	79	65	258	65	8	65	0	0
	162	168	1685	65	79	65	258	65	8	65	0	0
	163	169	1685	65	79	65	258	65	8	65	0	0
	164	170										
SW I90 (E of Johnson OffR)out	462	171	1685	65	79	65	258	65	8	65	0	0
	463	172	1685	65	79	65	258	65	8	65	0	0
	468	173										
SW I90 (E of Johnson OffR)in	464	174	1685	65	79	65	258	65	8	65	0	0
	465	175	1685	65	79	65	258	65	8	65	0	0
	470	176										
SW I90 (btn Johnson ramps)out	468	177	1685	65	79	65	258	65	8	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	469	178	1685	65	79	65	258	65	8	65	0	0
	165	179	1685	65	79	65	258	65	8	65	0	0
	166	180	1685	65	79	65	258	65	8	65	0	0
	167	181	1685	65	79	65	258	65	8	65	0	0
	168	182	1685	65	79	65	258	65	8	65	0	0
	169	183	1685	65	79	65	258	65	8	65	0	0
	170	184	1685	65	79	65	258	65	8	65	0	0
	171	185	1685	65	79	65	258	65	8	65	0	0
	172	186	1685	65	79	65	258	65	8	65	0	0
	173	187	1685	65	79	65	258	65	8	65	0	0
	174	188	1685	65	79	65	258	65	8	65	0	0
	193	190										
SW I90 (btn Johnson ramps)in	470	191	1685	65	79	65	258	65	8	65	0	0
	471	192	1685	65	79	65	258	65	8	65	0	0
	232	193	1685	65	79	65	258	65	8	65	0	0
	233	194	1685	65	79	65	258	65	8	65	0	0
	234	195	1685	65	79	65	258	65	8	65	0	0
	235	196	1685	65	79	65	258	65	8	65	0	0
	236	197	1685	65	79	65	258	65	8	65	0	0
	237	198	1685	65	79	65	258	65	8	65	0	0
	238	199	1685	65	79	65	258	65	8	65	0	0
	239	200	1685	65	79	65	258	65	8	65	0	0
	240	201	1685	65	79	65	258	65	8	65	0	0
	241	202	1685	65	79	65	258	65	8	65	0	0
	245	204										
SW I90 (btn US87 ramps)out	244	284	1685	65	79	65	258	65	8	65	0	0
	215	285	1685	65	79	65	258	65	8	65	0	0
	216	286	1685	65	79	65	258	65	8	65	0	0
	217	287	1685	65	79	65	258	65	8	65	0	0
	218	288	1685	65	79	65	258	65	8	65	0	0
	219	289	1685	65	79	65	258	65	8	65	0	0
	220	290	1685	65	79	65	258	65	8	65	0	0
	221	291	1685	65	79	65	258	65	8	65	0	0
	222	292	1685	65	79	65	258	65	8	65	0	0
	223	293	1685	65	79	65	258	65	8	65	0	0
	224	294										

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

SW I90 (btn US87 ramps)in	296	295	1685	65	79	65	258	65	8	65	0	0
	282	296	1685	65	79	65	258	65	8	65	0	0
	283	297	1685	65	79	65	258	65	8	65	0	0
	284	298	1685	65	79	65	258	65	8	65	0	0
	285	299	1685	65	79	65	258	65	8	65	0	0
	286	300	1685	65	79	65	258	65	8	65	0	0
	287	301	1685	65	79	65	258	65	8	65	0	0
	288	302	1685	65	79	65	258	65	8	65	0	0
	289	303	1685	65	79	65	258	65	8	65	0	0
	290	304	1685	65	79	65	258	65	8	65	0	0
	291	305										
SW I90 (W of US87 OnR)out	224	306	1022	65	42	65	139	65	6	65	0	0
	225	307	1022	65	42	65	139	65	6	65	0	0
	226	308	1022	65	42	65	139	65	6	65	0	0
	227	309	1022	65	42	65	139	65	6	65	0	0
	228	310	1022	65	42	65	139	65	6	65	0	0
	229	311	1022	65	42	65	139	65	6	65	0	0
	230	312	1022	65	42	65	139	65	6	65	0	0
	231	313										
SW I90 (W of US87 OnR)in	291	314	1022	65	42	65	139	65	6	65	0	0
	292	315	1022	65	42	65	139	65	6	65	0	0
	293	316	1022	65	42	65	139	65	6	65	0	0
	294	317	1022	65	42	65	139	65	6	65	0	0
	295	318	1022	65	42	65	139	65	6	65	0	0
	296	319	1022	65	42	65	139	65	6	65	0	0
	297	320	1022	65	42	65	139	65	6	65	0	0
	298	321										
OffRamp from NE I90 to Johnson	411	374	0	0	0	0	0	0	0	0	0	0
	412	375	0	0	0	0	0	0	0	0	0	0
	413	376	0	0	0	0	0	0	0	0	0	0
	414	377	0	0	0	0	0	0	0	0	0	0
	415	378										
OffRamp from NE I90 to Johnson LT	415	379	0	0	0	0	0	0	0	0	0	0
	423	380	0	0	0	0	0	0	0	0	0	0
	424	381	0	0	0	0	0	0	0	0	0	0
	425	382	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	426	383	0	0	0	0	0	0	0	0	0	0
	427	384	0	0	0	0	0	0	0	0	0	0
	428	385	0	0	0	0	0	0	0	0	0	0
	429	386										
OffRamp from NE I90 to Johnson RT	415	387	0	0	0	0	0	0	0	0	0	0
	416	388	0	0	0	0	0	0	0	0	0	0
	417	389	0	0	0	0	0	0	0	0	0	0
	418	390	0	0	0	0	0	0	0	0	0	0
	419	391	0	0	0	0	0	0	0	0	0	0
	420	392	0	0	0	0	0	0	0	0	0	0
	421	393	0	0	0	0	0	0	0	0	0	0
	422	394										
OnRamp from Johnson to NE I90	430	395	0	0	0	0	0	0	0	0	0	0
	431	396	0	0	0	0	0	0	0	0	0	0
	432	397	0	0	0	0	0	0	0	0	0	0
	433	398	0	0	0	0	0	0	0	0	0	0
	434	399	0	0	0	0	0	0	0	0	0	0
	435	400	0	0	0	0	0	0	0	0	0	0
	436	401	0	0	0	0	0	0	0	0	0	0
	437	402	0	0	0	0	0	0	0	0	0	0
	438	403	0	0	0	0	0	0	0	0	0	0
	439	404	0	0	0	0	0	0	0	0	0	0
	440	405	0	0	0	0	0	0	0	0	0	0
	441	406	0	0	0	0	0	0	0	0	0	0
	442	407	0	0	0	0	0	0	0	0	0	0
	443	408	0	0	0	0	0	0	0	0	0	0
	444	409	0	0	0	0	0	0	0	0	0	0
	445	410										
OffRamp from SW I90 to Johnson	472	411	0	0	0	0	0	0	0	0	0	0
	473	412	0	0	0	0	0	0	0	0	0	0
	474	413	0	0	0	0	0	0	0	0	0	0
	475	414	0	0	0	0	0	0	0	0	0	0
	476	415	0	0	0	0	0	0	0	0	0	0
	477	416	0	0	0	0	0	0	0	0	0	0
	478	417										
OffRamp from SW I90 to Johnson LT	478	418	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	493	419	0	0	0	0	0	0	0	0	0	0
	494	420	0	0	0	0	0	0	0	0	0	0
	495	421										
OffRamp from SW I90 to Johnson RT	478	422	0	0	0	0	0	0	0	0	0	0
	490	423	0	0	0	0	0	0	0	0	0	0
	491	424	0	0	0	0	0	0	0	0	0	0
	492	425										
OnRamp from Johnson to SW I90	496	426	0	0	0	0	0	0	0	0	0	0
	497	427	0	0	0	0	0	0	0	0	0	0
	498	428	0	0	0	0	0	0	0	0	0	0
	499	429	0	0	0	0	0	0	0	0	0	0
	500	430	0	0	0	0	0	0	0	0	0	0
	501	431	0	0	0	0	0	0	0	0	0	0
	502	432	0	0	0	0	0	0	0	0	0	0
	503	433	0	0	0	0	0	0	0	0	0	0
	504	434	0	0	0	0	0	0	0	0	0	0
	505	435	0	0	0	0	0	0	0	0	0	0
	506	436	0	0	0	0	0	0	0	0	0	0
	507	437	0	0	0	0	0	0	0	0	0	0
	508	438	0	0	0	0	0	0	0	0	0	0
	509	439	0	0	0	0	0	0	0	0	0	0
	510	440	0	0	0	0	0	0	0	0	0	0
	511	441										
NB Lockwood (N of US87)	965	706	436	55	23	55	26	55	1	55	0	0
	966	707	436	55	23	55	26	55	1	55	0	0
	967	708	436	55	23	55	26	55	1	55	0	0
	968	709	436	55	23	55	26	55	1	55	0	0
	969	710	436	55	23	55	26	55	1	55	0	0
	970	711	436	55	23	55	26	55	1	55	0	0
	971	712	436	55	23	55	26	55	1	55	0	0
	972	713	436	55	23	55	26	55	1	55	0	0
	973	714	436	55	23	55	26	55	1	55	0	0
	974	715	436	55	23	55	26	55	1	55	0	0
	975	716	436	55	23	55	26	55	1	55	0	0
	976	717										
SB Lockwood (N of US87)	953	718	436	55	23	55	26	55	1	55	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	954	719	436	55	23	55	26	55	1	55	0	0
	955	720	436	55	23	55	26	55	1	55	0	0
	956	721	436	55	23	55	26	55	1	55	0	0
	957	722	436	55	23	55	26	55	1	55	0	0
	958	723	436	55	23	55	26	55	1	55	0	0
	959	724	436	55	23	55	26	55	1	55	0	0
	960	725	436	55	23	55	26	55	1	55	0	0
	961	726	436	55	23	55	26	55	1	55	0	0
	962	727	436	55	23	55	26	55	1	55	0	0
	963	728	436	55	23	55	26	55	1	55	0	0
	964	729										
WB FrontageRd (E of Lockwood)	1031	730	436	55	23	55	26	55	1	55	0	0
	1032	731	436	55	23	55	26	55	1	55	0	0
	1033	732	436	55	23	55	26	55	1	55	0	0
	1034	733	436	55	23	55	26	55	1	55	0	0
	1035	734	436	55	23	55	26	55	1	55	0	0
	1036	735	436	55	23	55	26	55	1	55	0	0
	1037	736	436	55	23	55	26	55	1	55	0	0
	1038	737	436	55	23	55	26	55	1	55	0	0
	1039	738	436	55	23	55	26	55	1	55	0	0
	1040	739	436	55	23	55	26	55	1	55	0	0
	1041	740	436	55	23	55	26	55	1	55	0	0
	1042	741	436	55	23	55	26	55	1	55	0	0
	1043	742	436	55	23	55	26	55	1	55	0	0
	1044	743	436	55	23	55	26	55	1	55	0	0
	1045	744	436	55	23	55	26	55	1	55	0	0
	1046	745	436	55	23	55	26	55	1	55	0	0
	1047	746	436	55	23	55	26	55	1	55	0	0
	1048	747	436	55	23	55	26	55	1	55	0	0
	1049	748	436	55	23	55	26	55	1	55	0	0
	1050	749	436	55	23	55	26	55	1	55	0	0
	1051	750	436	55	23	55	26	55	1	55	0	0
	1052	751	436	55	23	55	26	55	1	55	0	0
	1053	752	436	55	23	55	26	55	1	55	0	0
	1054	753	436	55	23	55	26	55	1	55	0	0
	1055	754	436	55	23	55	26	55	1	55	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	1056	755	436	55	23	55	26	55	1	55	0	0
	1057	756	436	55	23	55	26	55	1	55	0	0
	1058	757	436	55	23	55	26	55	1	55	0	0
	1059	758	436	55	23	55	26	55	1	55	0	0
	1060	759	436	55	23	55	26	55	1	55	0	0
	1061	760	436	55	23	55	26	55	1	55	0	0
	1062	761	436	55	23	55	26	55	1	55	0	0
	1063	762	436	55	23	55	26	55	1	55	0	0
	1064	763	436	55	23	55	26	55	1	55	0	0
	1065	764	436	55	23	55	26	55	1	55	0	0
	1066	765	436	55	23	55	26	55	1	55	0	0
	1067	766	436	55	23	55	26	55	1	55	0	0
	1068	767	436	55	23	55	26	55	1	55	0	0
	1069	768	436	55	23	55	26	55	1	55	0	0
	1070	769	436	55	23	55	26	55	1	55	0	0
	1071	770	436	55	23	55	26	55	1	55	0	0
	1072	771	436	55	23	55	26	55	1	55	0	0
	1073	772	436	55	23	55	26	55	1	55	0	0
	1074	773	436	55	23	55	26	55	1	55	0	0
	1075	774	436	55	23	55	26	55	1	55	0	0
	1076	775	436	55	23	55	26	55	1	55	0	0
	1077	776	436	55	23	55	26	55	1	55	0	0
	1078	777	436	55	23	55	26	55	1	55	0	0
	1079	778	436	55	23	55	26	55	1	55	0	0
	1080	779	436	55	23	55	26	55	1	55	0	0
	1081	780	436	55	23	55	26	55	1	55	0	0
	1082	781	436	55	23	55	26	55	1	55	0	0
	1083	782	436	55	23	55	26	55	1	55	0	0
	1084	783										
EB FrontageRd (E of Lockwood)	977	784	436	55	23	55	26	55	1	55	0	0
	978	785	436	55	23	55	26	55	1	55	0	0
	979	786	436	55	23	55	26	55	1	55	0	0
	980	787	436	55	23	55	26	55	1	55	0	0
	981	788	436	55	23	55	26	55	1	55	0	0
	982	789	436	55	23	55	26	55	1	55	0	0
	983	790	436	55	23	55	26	55	1	55	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	984	791	436	55	23	55	26	55	1	55	0	0
	985	792	436	55	23	55	26	55	1	55	0	0
	986	793	436	55	23	55	26	55	1	55	0	0
	987	794	436	55	23	55	26	55	1	55	0	0
	988	795	436	55	23	55	26	55	1	55	0	0
	989	796	436	55	23	55	26	55	1	55	0	0
	990	797	436	55	23	55	26	55	1	55	0	0
	991	798	436	55	23	55	26	55	1	55	0	0
	992	799	436	55	23	55	26	55	1	55	0	0
	993	800	436	55	23	55	26	55	1	55	0	0
	994	801	436	55	23	55	26	55	1	55	0	0
	995	802	436	55	23	55	26	55	1	55	0	0
	996	803	436	55	23	55	26	55	1	55	0	0
	997	804	436	55	23	55	26	55	1	55	0	0
	998	805	436	55	23	55	26	55	1	55	0	0
	999	806	436	55	23	55	26	55	1	55	0	0
	1000	807	436	55	23	55	26	55	1	55	0	0
	1001	808	436	55	23	55	26	55	1	55	0	0
	1002	809	436	55	23	55	26	55	1	55	0	0
	1003	810	436	55	23	55	26	55	1	55	0	0
	1004	811	436	55	23	55	26	55	1	55	0	0
	1005	812	436	55	23	55	26	55	1	55	0	0
	1006	813	436	55	23	55	26	55	1	55	0	0
	1007	814	436	55	23	55	26	55	1	55	0	0
	1008	815	436	55	23	55	26	55	1	55	0	0
	1009	816	436	55	23	55	26	55	1	55	0	0
	1010	817	436	55	23	55	26	55	1	55	0	0
	1011	818	436	55	23	55	26	55	1	55	0	0
	1012	819	436	55	23	55	26	55	1	55	0	0
	1013	820	436	55	23	55	26	55	1	55	0	0
	1014	821	436	55	23	55	26	55	1	55	0	0
	1015	822	436	55	23	55	26	55	1	55	0	0
	1016	823	436	55	23	55	26	55	1	55	0	0
	1017	824	436	55	23	55	26	55	1	55	0	0
	1018	825	436	55	23	55	26	55	1	55	0	0
	1019	826	436	55	23	55	26	55	1	55	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	1020	827	436	55	23	55	26	55	1	55	0	0
	1021	828	436	55	23	55	26	55	1	55	0	0
	1022	829	436	55	23	55	26	55	1	55	0	0
	1023	830	436	55	23	55	26	55	1	55	0	0
	1024	831	436	55	23	55	26	55	1	55	0	0
	1025	832	436	55	23	55	26	55	1	55	0	0
	1026	833	436	55	23	55	26	55	1	55	0	0
	1027	834	436	55	23	55	26	55	1	55	0	0
	1028	835	436	55	23	55	26	55	1	55	0	0
	1029	836	436	55	23	55	26	55	1	55	0	0
	1030	837										
SB Coburn	941	838	188	55	5	55	6	55	0	0	0	0
	942	839	188	55	5	55	6	55	0	0	0	0
	943	840	188	55	5	55	6	55	0	0	0	0
	944	841	188	55	5	55	6	55	0	0	0	0
	945	842	188	55	5	55	6	55	0	0	0	0
	946	843	188	55	5	55	6	55	0	0	0	0
	947	844	188	55	5	55	6	55	0	0	0	0
	948	845	188	55	5	55	6	55	0	0	0	0
	949	846	188	55	5	55	6	55	0	0	0	0
	950	847	188	55	5	55	6	55	0	0	0	0
	951	848	188	55	5	55	6	55	0	0	0	0
	952	849										
NB Coburn	929	850	188	55	5	55	6	55	0	0	0	0
	930	851	188	55	5	55	6	55	0	0	0	0
	931	852	188	55	5	55	6	55	0	0	0	0
	932	853	188	55	5	55	6	55	0	0	0	0
	933	854	188	55	5	55	6	55	0	0	0	0
	934	855	188	55	5	55	6	55	0	0	0	0
	935	856	188	55	5	55	6	55	0	0	0	0
	936	857	188	55	5	55	6	55	0	0	0	0
	937	858	188	55	5	55	6	55	0	0	0	0
	938	859	188	55	5	55	6	55	0	0	0	0
	939	860	188	55	5	55	6	55	0	0	0	0
	940	861										
EB Rosebud Lane	918	862	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	919	863	0	0	0	0	0	0	0	0	0	0
	920	864	0	0	0	0	0	0	0	0	0	0
	921	865	0	0	0	0	0	0	0	0	0	0
	922	866	0	0	0	0	0	0	0	0	0	0
	923	867	0	0	0	0	0	0	0	0	0	0
	924	868	0	0	0	0	0	0	0	0	0	0
	925	869	0	0	0	0	0	0	0	0	0	0
	926	870	0	0	0	0	0	0	0	0	0	0
	927	871	0	0	0	0	0	0	0	0	0	0
	928	872										
WB Rosebud Lane	907	875	0	0	0	0	0	0	0	0	0	0
	908	876	0	0	0	0	0	0	0	0	0	0
	909	877	0	0	0	0	0	0	0	0	0	0
	910	878	0	0	0	0	0	0	0	0	0	0
	911	879	0	0	0	0	0	0	0	0	0	0
	912	880	0	0	0	0	0	0	0	0	0	0
	913	881	0	0	0	0	0	0	0	0	0	0
	914	882	0	0	0	0	0	0	0	0	0	0
	915	883	0	0	0	0	0	0	0	0	0	0
	916	884	0	0	0	0	0	0	0	0	0	0
	917	885										
EB HardinRd (E of JohnsonLn)	852	886	0	0	0	0	0	0	0	0	0	0
	853	887	0	0	0	0	0	0	0	0	0	0
	854	888										
WB HardinRd (E of JohnsonLn)	855	889	0	0	0	0	0	0	0	0	0	0
	856	890	0	0	0	0	0	0	0	0	0	0
	857	891										
WB FrontageRd (E of JohnsonLn)	1096	892	0	0	0	0	0	0	0	0	0	0
	1097	893	0	0	0	0	0	0	0	0	0	0
	1098	894	0	0	0	0	0	0	0	0	0	0
	1099	895	0	0	0	0	0	0	0	0	0	0
	1100	896	0	0	0	0	0	0	0	0	0	0
	1101	897	0	0	0	0	0	0	0	0	0	0
	1102	898	0	0	0	0	0	0	0	0	0	0
	1103	899	0	0	0	0	0	0	0	0	0	0
	1104	900	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	1105	901	0	0	0	0	0	0	0	0	0	0
	1106	902										
EB FrontageRd (E of JohnsonLn)	1085	903	0	0	0	0	0	0	0	0	0	0
	1086	904	0	0	0	0	0	0	0	0	0	0
	1087	905	0	0	0	0	0	0	0	0	0	0
	1088	906	0	0	0	0	0	0	0	0	0	0
	1089	907	0	0	0	0	0	0	0	0	0	0
	1090	908	0	0	0	0	0	0	0	0	0	0
	1091	909	0	0	0	0	0	0	0	0	0	0
	1092	910	0	0	0	0	0	0	0	0	0	0
	1093	911	0	0	0	0	0	0	0	0	0	0
	1094	912	0	0	0	0	0	0	0	0	0	0
	1095	913										
SB JohnsonLn (N of Frontage)	861	914	0	0	0	0	0	0	0	0	0	0
	862	915	0	0	0	0	0	0	0	0	0	0
	863	916	0	0	0	0	0	0	0	0	0	0
	864	917	0	0	0	0	0	0	0	0	0	0
	865	918	0	0	0	0	0	0	0	0	0	0
	866	919	0	0	0	0	0	0	0	0	0	0
	867	920	0	0	0	0	0	0	0	0	0	0
	868	921										
NB JohnsonLn (N of Frontage)	873	922	0	0	0	0	0	0	0	0	0	0
	874	923	0	0	0	0	0	0	0	0	0	0
	875	924	0	0	0	0	0	0	0	0	0	0
	876	925	0	0	0	0	0	0	0	0	0	0
	877	926	0	0	0	0	0	0	0	0	0	0
	878	927	0	0	0	0	0	0	0	0	0	0
	879	928	0	0	0	0	0	0	0	0	0	0
	880	929										
SB JohnsonLn (Frontage to Ramps)	868	930	0	0	0	0	0	0	0	0	0	0
	869	931	0	0	0	0	0	0	0	0	0	0
	870	932										
NB JohnsonLn (Frontage to Ramps)	871	933	0	0	0	0	0	0	0	0	0	0
	872	934	0	0	0	0	0	0	0	0	0	0
	873	935										
SB JohnsonLn (btn Ramps)	870	936	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	881	937	0	0	0	0	0	0	0	0	0	0
	882	938	0	0	0	0	0	0	0	0	0	0
	883	939	0	0	0	0	0	0	0	0	0	0
	884	940	0	0	0	0	0	0	0	0	0	0
	889	941										
NB JohnsonLn (btn Ramps)	906	942	0	0	0	0	0	0	0	0	0	0
	885	943	0	0	0	0	0	0	0	0	0	0
	886	944	0	0	0	0	0	0	0	0	0	0
	887	945	0	0	0	0	0	0	0	0	0	0
	888	946	0	0	0	0	0	0	0	0	0	0
	871	947										
SB JohnsonLn (Ramps to Hardin)	889	950	0	0	0	0	0	0	0	0	0	0
	890	951	0	0	0	0	0	0	0	0	0	0
	891	952										
NB JohnsonLn (Ramps to Hardin)	904	953	0	0	0	0	0	0	0	0	0	0
	905	954	0	0	0	0	0	0	0	0	0	0
	906	955										
SB JohnsonLn (S of Hardin)	891	956	0	0	0	0	0	0	0	0	0	0
	892	957	0	0	0	0	0	0	0	0	0	0
	893	958	0	0	0	0	0	0	0	0	0	0
	894	959	0	0	0	0	0	0	0	0	0	0
	895	960	0	0	0	0	0	0	0	0	0	0
	896	961	0	0	0	0	0	0	0	0	0	0
	897	962										
NB JohnsonLn (S of Hardin)	898	963	0	0	0	0	0	0	0	0	0	0
	899	964	0	0	0	0	0	0	0	0	0	0
	900	965	0	0	0	0	0	0	0	0	0	0
	901	966	0	0	0	0	0	0	0	0	0	0
	902	967	0	0	0	0	0	0	0	0	0	0
	903	968	0	0	0	0	0	0	0	0	0	0
	904	969										
Shoulder1	299	970	0	0	0	0	0	0	0	0	0	0
	300	971	0	0	0	0	0	0	0	0	0	0
	301	972	0	0	0	0	0	0	0	0	0	0
	302	973	0	0	0	0	0	0	0	0	0	0
	303	974	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	304	975	0	0	0	0	0	0	0	0	0	0
	305	976	0	0	0	0	0	0	0	0	0	0
	306	977	0	0	0	0	0	0	0	0	0	0
	455	978	0	0	0	0	0	0	0	0	0	0
	456	979	0	0	0	0	0	0	0	0	0	0
	457	980	0	0	0	0	0	0	0	0	0	0
	458	981	0	0	0	0	0	0	0	0	0	0
	459	1495	0	0	0	0	0	0	0	0	0	0
	460	1494	0	0	0	0	0	0	0	0	0	0
	461	1493	0	0	0	0	0	0	0	0	0	0
	462	1492	0	0	0	0	0	0	0	0	0	0
	463	1491	0	0	0	0	0	0	0	0	0	0
	464	1490	0	0	0	0	0	0	0	0	0	0
	465	1489	0	0	0	0	0	0	0	0	0	0
	466	1488	0	0	0	0	0	0	0	0	0	0
	467	1487	0	0	0	0	0	0	0	0	0	0
	468	1486	0	0	0	0	0	0	0	0	0	0
	469	1485	0	0	0	0	0	0	0	0	0	0
	470	1484	0	0	0	0	0	0	0	0	0	0
	471	1483	0	0	0	0	0	0	0	0	0	0
	472	1482	0	0	0	0	0	0	0	0	0	0
	473	1481	0	0	0	0	0	0	0	0	0	0
	474	1480	0	0	0	0	0	0	0	0	0	0
	475	1479	0	0	0	0	0	0	0	0	0	0
	476	1478	0	0	0	0	0	0	0	0	0	0
	477	1477	0	0	0	0	0	0	0	0	0	0
	478	1476	0	0	0	0	0	0	0	0	0	0
	479	982										
Shoulder7	399	1070	0	0	0	0	0	0	0	0	0	0
	400	1071	0	0	0	0	0	0	0	0	0	0
	401	1072	0	0	0	0	0	0	0	0	0	0
	402	1073	0	0	0	0	0	0	0	0	0	0
	403	1074	0	0	0	0	0	0	0	0	0	0
	404	1075	0	0	0	0	0	0	0	0	0	0
	405	1076	0	0	0	0	0	0	0	0	0	0
	406	1077	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	407	1078	0	0	0	0	0	0	0	0	0	0
	408	1079	0	0	0	0	0	0	0	0	0	0
	409	1080	0	0	0	0	0	0	0	0	0	0
	410	1081										
Shoulder8	446	1082	0	0	0	0	0	0	0	0	0	0
	447	1083	0	0	0	0	0	0	0	0	0	0
	448	1084	0	0	0	0	0	0	0	0	0	0
	449	1085	0	0	0	0	0	0	0	0	0	0
	450	1086	0	0	0	0	0	0	0	0	0	0
	451	1087	0	0	0	0	0	0	0	0	0	0
	452	1088	0	0	0	0	0	0	0	0	0	0
	453	1089	0	0	0	0	0	0	0	0	0	0
	454	1090	0	0	0	0	0	0	0	0	0	0
	455	1091	0	0	0	0	0	0	0	0	0	0
	456	1092	0	0	0	0	0	0	0	0	0	0
	457	1093	0	0	0	0	0	0	0	0	0	0
	458	1094	0	0	0	0	0	0	0	0	0	0
	459	1095	0	0	0	0	0	0	0	0	0	0
	460	1096	0	0	0	0	0	0	0	0	0	0
	461	1097										
Shoulder9	479	1098	0	0	0	0	0	0	0	0	0	0
	480	1099	0	0	0	0	0	0	0	0	0	0
	481	1100	0	0	0	0	0	0	0	0	0	0
	482	1101	0	0	0	0	0	0	0	0	0	0
	483	1102	0	0	0	0	0	0	0	0	0	0
	484	1103	0	0	0	0	0	0	0	0	0	0
	485	1104	0	0	0	0	0	0	0	0	0	0
	486	1105	0	0	0	0	0	0	0	0	0	0
	487	1106	0	0	0	0	0	0	0	0	0	0
	488	1107	0	0	0	0	0	0	0	0	0	0
	489	1108										
Shoulder10	513	1109	0	0	0	0	0	0	0	0	0	0
	514	1110	0	0	0	0	0	0	0	0	0	0
	515	1111	0	0	0	0	0	0	0	0	0	0
	516	1112	0	0	0	0	0	0	0	0	0	0
	517	1113	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	518	1114	0	0	0	0	0	0	0	0	0	0
	519	1115	0	0	0	0	0	0	0	0	0	0
	520	1116	0	0	0	0	0	0	0	0	0	0
	521	1117	0	0	0	0	0	0	0	0	0	0
	522	1118	0	0	0	0	0	0	0	0	0	0
	523	1119	0	0	0	0	0	0	0	0	0	0
	524	1120	0	0	0	0	0	0	0	0	0	0
	525	1121	0	0	0	0	0	0	0	0	0	0
	526	1122	0	0	0	0	0	0	0	0	0	0
	527	1123	0	0	0	0	0	0	0	0	0	0
	528	1124	0	0	0	0	0	0	0	0	0	0
	349	1125										
Shoulder11	466	1126	0	0	0	0	0	0	0	0	0	0
	467	1127	0	0	0	0	0	0	0	0	0	0
	479	1128										
Shoulder13	600	1159	0	0	0	0	0	0	0	0	0	0
	601	1160	0	0	0	0	0	0	0	0	0	0
	602	1161	0	0	0	0	0	0	0	0	0	0
	603	1162	0	0	0	0	0	0	0	0	0	0
	604	1163	0	0	0	0	0	0	0	0	0	0
	605	1164	0	0	0	0	0	0	0	0	0	0
	606	1165										
NE I90 (US87OnR to JohnsonOffR)out	1	1174	562	65	26	65	86	65	3	65	0	0
	2	1175	562	65	26	65	86	65	3	65	0	0
	3	1176	562	65	26	65	86	65	3	65	0	0
	4	1177	562	65	26	65	86	65	3	65	0	0
	5	1178	562	65	26	65	86	65	3	65	0	0
	6	1179	562	65	26	65	86	65	3	65	0	0
	7	1180	562	65	26	65	86	65	3	65	0	0
	8	1181	562	65	26	65	86	65	3	65	0	0
	9	1182	562	65	26	65	86	65	3	65	0	0
	10	1183	562	65	26	65	86	65	3	65	0	0
	11	1184	562	65	26	65	86	65	3	65	0	0
	12	1185	562	65	26	65	86	65	3	65	0	0
	13	1186	562	0	26	65	86	65	3	65	0	0
	14	1187	562	65	26	65	86	65	3	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	15	1188	562	65	26	65	86	65	3	65	0	0
	16	1189	562	65	26	65	86	65	3	65	0	0
	17	1190	562	65	26	65	86	65	3	65	0	0
	18	1191	562	65	26	65	86	65	3	65	0	0
	19	1192	562	65	26	65	86	65	3	65	0	0
	20	1193	562	65	26	65	86	65	3	65	0	0
	21	1194	562	65	26	65	86	65	3	65	0	0
	22	1195	562	65	26	65	86	65	3	65	0	0
	23	1196	562	65	26	65	86	65	3	65	0	0
	24	1197	562	65	26	65	86	65	3	65	0	0
	25	1198	562	65	26	65	86	65	3	65	0	0
	26	1199	562	65	26	65	86	65	3	65	0	0
	27	1200	562	65	26	65	86	65	3	65	0	0
	28	1201	562	65	26	65	86	65	3	65	0	0
	29	1202	562	65	26	65	86	65	3	65	0	0
	30	1203	562	65	26	65	86	65	3	65	0	0
	31	1204	562	65	26	65	86	65	3	65	0	0
	32	1205	562	65	26	65	86	65	3	65	0	0
	33	1206	562	65	26	65	86	65	3	65	0	0
	34	1207	562	65	26	65	86	65	3	65	0	0
	35	1208	562	65	26	65	86	65	3	65	0	0
	36	1209	562	65	26	65	86	65	3	65	0	0
	37	1210	562	65	26	65	86	65	3	65	0	0
	38	1211	562	65	26	65	86	65	3	65	0	0
	39	1212	562	65	26	65	86	65	3	65	0	0
	40	1213	562	65	26	65	86	65	3	65	0	0
	41	1214	562	65	26	65	86	65	3	65	0	0
	42	1215	562	65	26	65	86	65	3	65	0	0
	43	1216	562	65	26	65	86	65	3	65	0	0
	44	1217	562	65	26	65	86	65	3	65	0	0
	45	1218	562	65	26	65	86	65	3	65	0	0
	46	1219	562	65	26	65	86	65	3	65	0	0
	47	1220	562	65	26	65	86	65	3	65	0	0
	48	1221										
NE I90 (US87OnR to JohnsonOffR)mid	49	1222	562	65	26	65	86	65	3	65	0	0
	50	1223	562	65	26	65	86	65	3	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	51	1224	562	65	26	65	86	65	3	65	0	0
	52	1225	562	65	26	65	86	65	3	65	0	0
	53	1226	562	65	26	65	86	65	3	65	0	0
	54	1227	562	65	26	65	86	65	3	65	0	0
	55	1228	562	65	26	65	86	65	3	65	0	0
	56	1229	562	65	26	65	86	65	3	65	0	0
	57	1230	562	65	26	65	86	65	3	65	0	0
	58	1231	562	65	26	65	86	65	3	65	0	0
	59	1232	562	65	26	65	86	65	3	65	0	0
	60	1233	562	65	26	65	86	65	3	65	0	0
	61	1234	562	65	26	65	86	65	3	65	0	0
	62	1235	562	65	26	65	86	65	3	65	0	0
	63	1236	562	65	26	65	86	65	3	65	0	0
	64	1237	562	65	26	65	86	65	3	65	0	0
	65	1238	562	65	26	65	86	65	3	65	0	0
	66	1239	562	65	26	65	86	65	3	65	0	0
	67	1240	562	65	26	65	86	65	3	65	0	0
	68	1241	562	65	26	65	86	65	3	65	0	0
	69	1242	562	65	26	65	86	65	3	65	0	0
	70	1243	562	65	26	65	86	65	3	65	0	0
	71	1244	562	65	26	65	86	65	3	65	0	0
	72	1245	562	65	26	65	86	65	3	65	0	0
	73	1246	562	65	26	65	86	65	3	65	0	0
	74	1247	562	65	26	65	86	65	3	65	0	0
	75	1248	562	65	26	65	86	65	3	65	0	0
	76	1249	562	65	26	65	86	65	3	65	0	0
	77	1250	562	65	26	65	86	65	3	65	0	0
	78	1251	562	65	26	65	86	65	3	65	0	0
	79	1252	562	65	26	65	86	65	3	65	0	0
	80	1253	562	65	26	65	86	65	3	65	0	0
	81	1254	562	65	26	65	86	65	3	65	0	0
	82	1255	562	65	26	65	86	65	3	65	0	0
	83	1256	562	65	26	65	86	65	3	65	0	0
	84	1257	562	65	26	65	86	65	3	65	0	0
	85	1258	562	65	26	65	86	65	3	65	0	0
	86	1259	562	65	26	65	86	65	3	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	87	1260	562	65	26	65	86	65	3	65	0	0
	88	1261	562	65	26	65	86	65	3	65	0	0
	89	1262	562	65	26	65	86	65	3	65	0	0
	90	1263	562	65	26	12	86	65	3	65	0	0
	91	1264	562	65	26	65	86	65	3	65	0	0
	92	1265	562	65	26	65	86	65	3	65	0	0
	93	1266	562	65	26	65	86	65	3	65	0	0
	94	1267	562	65	26	65	86	65	3	65	0	0
	95	1268	562	65	26	65	86	65	3	65	0	0
	96	1269	562	65	26	65	86	65	3	65	0	0
	68	1270										
NE I90 (US87OnR to JohnsonOffR)in	97	1271	562	65	26	65	86	65	3	65	0	0
	98	1272	562	65	26	65	86	65	3	65	0	0
	99	1273	562	65	26	65	86	65	3	65	0	0
	100	1274	562	65	26	65	86	65	3	65	0	0
	101	1275	562	65	26	65	86	65	3	65	0	0
	102	1276	562	65	26	65	86	65	3	65	0	0
	103	1277	562	65	26	65	86	65	3	65	0	0
	104	1278	562	65	26	65	86	65	3	65	0	0
	105	1279	562	65	26	65	86	65	3	65	0	0
	106	1280	562	65	26	65	86	65	3	65	0	0
	107	1281	562	65	26	65	86	65	3	65	0	0
	108	1282	562	65	26	65	86	65	3	65	0	0
	109	1283	562	65	26	65	86	65	3	65	0	0
	110	1284	562	65	26	65	86	65	3	65	0	0
	111	1285	562	65	26	65	86	65	3	65	0	0
	112	1286	562	65	26	65	86	65	3	65	0	0
	113	1287	562	65	26	65	86	65	3	65	0	0
	114	1288	562	65	26	65	86	65	3	65	0	0
	115	1289	562	65	26	65	86	65	3	65	0	0
	116	1290	562	65	26	65	86	65	3	65	0	0
	117	1291	562	65	26	65	86	65	3	65	0	0
	118	1292	562	65	26	65	86	65	3	65	0	0
	119	1293	562	65	26	65	86	65	3	65	0	0
	120	1294	562	65	26	65	86	65	3	65	0	0
	121	1295	562	65	26	65	86	65	3	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	122	1296	562	65	26	65	86	65	3	65	0	0
	123	1297	562	65	26	65	86	65	3	65	0	0
	124	1298	562	65	26	65	86	65	3	65	0	0
	125	1299	562	65	26	65	86	65	3	65	0	0
	126	1300	562	65	26	65	86	65	3	65	0	0
	127	1301	562	65	26	65	86	65	3	65	0	0
	128	1302	562	65	26	65	86	65	3	65	0	0
	129	1303	562	65	26	65	86	65	3	65	0	0
	130	1304	562	65	26	65	86	65	3	65	0	0
	131	1305	562	65	26	65	86	65	3	65	0	0
	132	1306	562	65	26	65	86	65	3	65	0	0
	133	1307	562	65	26	65	86	65	3	65	0	0
	134	1308	562	65	26	65	86	65	3	65	0	0
	135	1309	562	65	26	65	86	65	3	65	0	0
	136	1310	562	65	26	65	86	65	3	65	0	0
	137	1311	562	65	26	65	86	65	3	65	0	0
	138	1312	562	65	26	65	86	65	3	65	0	0
	139	1313	562	65	26	65	86	65	3	65	0	0
	140	1314	562	65	26	65	86	65	3	65	0	0
	141	1315	562	65	26	65	86	65	3	65	0	0
	142	1316	562	65	26	65	86	65	3	65	0	0
	143	1317	562	65	26	65	86	65	3	65	0	0
	144	1318	562	65	26	65	86	65	3	65	0	0
	150	1319										
SW I90 (JohnsonOnR to US87OffR)out	193	1320	562	65	26	65	86	65	3	65	0	0
	194	1321	562	65	26	65	86	65	3	65	0	0
	195	1322	562	65	26	65	86	65	3	65	0	0
	196	1323	562	65	26	65	86	65	3	65	0	0
	197	1324	562	65	26	65	86	65	3	65	0	0
	198	1325	562	65	26	65	86	65	3	65	0	0
	199	1326	562	65	26	65	86	65	3	65	0	0
	200	1327	562	65	26	65	86	65	3	65	0	0
	201	1328	562	65	26	65	86	65	3	65	0	0
	202	1329	562	65	26	65	86	65	3	65	0	0
	203	1330	562	65	26	65	86	65	3	65	0	0
	204	1331	562	65	26	65	86	65	3	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	205	1332	562	65	26	65	86	65	3	65	0	0
	206	1333	562	65	26	65	86	65	3	65	0	0
	207	1334	562	65	26	65	86	65	3	65	0	0
	208	1335	562	65	26	65	86	65	3	65	0	0
	209	1336	562	65	26	65	86	65	3	65	0	0
	210	1337	562	65	26	65	86	65	3	65	0	0
	211	1338	562	65	26	65	86	65	3	65	0	0
	212	1339	562	65	26	65	86	65	3	65	0	0
	213	1340	562	65	26	65	86	65	3	65	0	0
	214	1341	562	65	26	65	86	65	3	65	0	0
	215	1342	562	65	26	65	86	65	3	65	0	0
	216	1343	562	65	26	65	86	65	3	65	0	0
	217	1344	562	65	26	65	86	65	3	65	0	0
	218	1345	562	65	26	65	86	65	3	65	0	0
	219	1346	562	65	26	65	86	65	3	65	0	0
	220	1347	562	65	26	65	86	65	3	65	0	0
	221	1348	562	65	26	65	86	65	3	65	0	0
	222	1349	562	65	26	65	86	65	3	65	0	0
	223	1350	562	65	26	65	86	65	3	65	0	0
	224	1351	562	65	26	65	86	65	3	65	0	0
	225	1352	562	65	26	65	86	65	3	65	0	0
	226	1353	562	65	26	65	86	65	3	65	0	0
	227	1354	562	65	26	65	86	65	3	65	0	0
	228	1355	562	65	26	65	86	65	3	65	0	0
	229	1356	562	65	26	65	86	65	3	65	0	0
	230	1357	562	65	26	65	86	65	3	65	0	0
	231	1358	562	65	26	65	86	65	3	65	0	0
	232	1359	562	65	26	65	86	65	3	65	0	0
	233	1360	562	65	26	65	86	65	3	65	0	0
	234	1361	562	65	26	65	86	65	3	65	0	0
	235	1362	562	65	26	65	86	65	3	65	0	0
	236	1363	562	65	26	65	86	65	3	65	0	0
	237	1364	562	65	26	65	86	65	3	65	0	0
	238	1365	562	65	26	65	86	65	3	65	0	0
	239	1366	562	65	26	65	86	65	3	65	0	0
	240	1367	562	65	26	65	86	65	3	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	241	1368	562	65	26	65	86	65	3	65	0	0
	242	1369	562	65	26	65	86	65	3	65	0	0
	243	1370	562	65	26	65	86	65	3	65	0	0
	244	1371										
SW I90 (JohnsonOnR to US87OffR)mid	245	1372	562	65	26	65	86	65	3	65	0	0
	246	1373	562	65	26	65	86	65	3	65	0	0
	247	1374	562	65	26	65	86	65	3	65	0	0
	248	1375	562	65	26	65	86	65	3	65	0	0
	249	1376	562	65	26	65	86	65	3	65	0	0
	250	1377	562	65	26	65	86	65	3	65	0	0
	251	1378	562	65	26	65	86	65	3	65	0	0
	252	1379	562	65	26	65	86	65	3	65	0	0
	253	1380	562	65	26	65	86	65	3	65	0	0
	254	1381	562	65	26	65	86	65	3	65	0	0
	255	1382	562	65	26	65	86	65	3	65	0	0
	256	1383	562	65	26	65	86	65	3	65	0	0
	257	1384	562	65	26	65	86	65	3	65	0	0
	258	1385	562	65	26	65	86	65	3	65	0	0
	259	1386	562	65	26	65	86	65	3	65	0	0
	260	1387	562	65	26	65	86	65	3	65	0	0
	261	1388	562	65	26	65	86	65	3	65	0	0
	262	1389	562	65	26	65	86	65	3	65	0	0
	263	1390	562	65	26	65	86	65	3	65	0	0
	264	1391	562	65	26	65	86	65	3	65	0	0
	265	1392	562	65	26	65	86	65	3	65	0	0
	266	1393	562	65	26	65	86	65	3	65	0	0
	267	1394	562	65	26	65	86	65	3	65	0	0
	268	1395	562	65	26	65	86	65	3	65	0	0
	269	1396	562	65	26	65	86	65	3	65	0	0
	270	1397	562	65	26	65	86	65	3	65	0	0
	271	1398	562	65	26	65	86	65	3	65	0	0
	272	1399	562	65	26	65	86	65	3	65	0	0
	273	1400	562	65	26	65	86	65	3	65	0	0
	274	1401	562	65	26	65	86	65	3	65	0	0
	275	1402	562	65	26	65	86	65	3	65	0	0
	276	1403	562	65	26	65	86	65	3	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	277	1404	562	65	26	65	86	65	3	65	0	0
	278	1405	562	65	26	65	86	65	3	65	0	0
	279	1406	562	65	26	65	86	65	3	65	0	0
	280	1407	562	65	26	65	86	65	3	65	0	0
	281	1408	562	65	26	65	86	65	3	65	0	0
	282	1409	562	65	26	65	86	65	3	65	0	0
	283	1410	562	65	26	65	86	65	3	65	0	0
	284	1411	562	65	26	65	86	65	3	65	0	0
	285	1412	562	65	26	65	86	65	3	65	0	0
	286	1413	562	65	26	65	86	65	3	65	0	0
	287	1414	562	65	26	65	86	65	3	65	0	0
	288	1415	562	65	26	65	86	65	3	65	0	0
	289	1416	562	65	26	65	86	65	3	65	0	0
	290	1417	562	65	26	65	86	65	3	65	0	0
	291	1418	562	65	26	65	86	65	3	65	0	0
	292	1419	562	65	26	65	86	65	3	65	0	0
	293	1420	562	65	26	65	86	65	3	65	0	0
	294	1421	562	65	26	65	86	65	3	65	0	0
	295	1422	562	65	26	65	86	65	3	65	0	0
	296	1423										
SW I90 (JohnsonOnR to US87OffR)in	297	1424	562	65	26	65	86	65	3	65	0	0
	298	1425	562	65	26	65	86	65	3	65	0	0
	299	1426	562	65	26	65	86	65	3	65	0	0
	300	1427	562	65	26	65	86	65	3	65	0	0
	301	1428	562	65	26	65	86	65	3	65	0	0
	302	1429	562	65	26	65	86	65	3	65	0	0
	303	1430	562	65	26	65	86	65	3	65	0	0
	304	1431	562	65	26	65	86	65	3	65	0	0
	305	1432	562	65	26	65	86	65	3	65	0	0
	306	1433	562	65	26	65	86	65	3	65	0	0
	307	1434	562	65	26	65	86	65	3	65	0	0
	308	1435	562	65	26	65	86	65	3	65	0	0
	309	1436	562	65	26	65	86	65	3	65	0	0
	310	1437	562	65	26	65	86	65	3	65	0	0
	311	1438	562	65	26	65	86	65	3	65	0	0
	312	1439	562	65	26	65	86	65	3	65	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	313	1440	562	65	26	65	86	65	3	65	0	0
	314	1441	562	65	26	65	86	65	3	65	0	0
	315	1442	562	65	26	65	86	65	3	65	0	0
	316	1443	562	65	26	65	86	65	3	65	0	0
	317	1444	562	65	26	65	86	65	3	65	0	0
	318	1445	562	65	26	65	86	65	3	65	0	0
	319	1446	562	65	26	65	86	65	3	65	0	0
	320	1447	562	65	26	65	86	65	3	65	0	0
	321	1448	562	65	26	65	86	65	3	65	0	0
	322	1449	562	65	26	65	86	65	3	65	0	0
	323	1450	562	65	26	65	86	65	3	65	0	0
	324	1451	562	65	26	65	86	65	3	65	0	0
	325	1452	562	65	26	65	86	65	3	65	0	0
	326	1453	562	65	26	65	86	65	3	65	0	0
	327	1454	562	65	26	65	86	65	3	65	0	0
	328	1455	562	65	26	65	86	65	3	65	0	0
	329	1456	562	65	26	65	86	65	3	65	0	0
	330	1457	562	65	26	65	86	65	3	65	0	0
	331	1458	562	65	26	65	86	65	3	65	0	0
	332	1459	562	65	26	65	86	65	3	65	0	0
	333	1460	562	65	26	65	86	65	3	65	0	0
	334	1461	562	65	26	65	86	65	3	65	0	0
	335	1462	562	65	26	65	86	65	3	65	0	0
	336	1463	562	65	26	65	86	65	3	65	0	0
	337	1464	562	65	26	65	86	65	3	65	0	0
	338	1465	562	65	26	65	86	65	3	65	0	0
	339	1466	562	65	26	65	86	65	3	65	0	0
	340	1467	562	65	26	65	86	65	3	65	0	0
	341	1468	562	65	26	3	86	65	3	65	0	0
	342	1469	562	65	26	65	86	65	3	65	0	0
	343	1470	562	65	26	65	86	65	3	65	0	0
	344	1471	562	65	26	65	86	65	3	65	0	0
	345	1472	562	65	26	65	86	65	3	65	0	0
	346	1473	562	65	26	65	86	65	3	65	0	0
	347	1474	562	65	26	65	86	65	3	65	0	0
	348	1475										

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

Shoulder3	504	1496	0	0	0	0	0	0	0	0	0	0
	505	1497	0	0	0	0	0	0	0	0	0	0
	506	1498	0	0	0	0	0	0	0	0	0	0
	507	1499	0	0	0	0	0	0	0	0	0	0
	508	1500	0	0	0	0	0	0	0	0	0	0
	509	1501	0	0	0	0	0	0	0	0	0	0
	517	1502	0	0	0	0	0	0	0	0	0	0
	518	1503	0	0	0	0	0	0	0	0	0	0
	519	1504	0	0	0	0	0	0	0	0	0	0
	520	1505	0	0	0	0	0	0	0	0	0	0
	521	1506	0	0	0	0	0	0	0	0	0	0
	522	1507	0	0	0	0	0	0	0	0	0	0
	523	1508	0	0	0	0	0	0	0	0	0	0
	145	1509										
Shoulder4	399	1510	0	0	0	0	0	0	0	0	0	0
	529	1511	0	0	0	0	0	0	0	0	0	0
	530	1512	0	0	0	0	0	0	0	0	0	0
	531	1513	0	0	0	0	0	0	0	0	0	0
	532	1514	0	0	0	0	0	0	0	0	0	0
	533	1515	0	0	0	0	0	0	0	0	0	0
	534	1516	0	0	0	0	0	0	0	0	0	0
	535	1517	0	0	0	0	0	0	0	0	0	0
	536	1518	0	0	0	0	0	0	0	0	0	0
	537	1519	0	0	0	0	0	0	0	0	0	0
	538	1520	0	0	0	0	0	0	0	0	0	0
	539	1521	0	0	0	0	0	0	0	0	0	0
	540	1522	0	0	0	0	0	0	0	0	0	0
	541	1523	0	0	0	0	0	0	0	0	0	0
	542	1524	0	0	0	0	0	0	0	0	0	0
	543	1525	0	0	0	0	0	0	0	0	0	0
	544	1526	0	0	0	0	0	0	0	0	0	0
	545	1527	0	0	0	0	0	0	0	0	0	0
	546	1528										
Shoulder5	599	1536	0	0	0	0	0	0	0	0	0	0
	600	1537										
Shoulder6	145	1541	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	146	1542	0	0	0	0	0	0	0	0	0	0
	147	1543	0	0	0	0	0	0	0	0	0	0
	148	1544	0	0	0	0	0	0	0	0	0	0
	149	1545	0	0	0	0	0	0	0	0	0	0
	150	1546	0	0	0	0	0	0	0	0	0	0
	151	1547	0	0	0	0	0	0	0	0	0	0
	152	1548	0	0	0	0	0	0	0	0	0	0
	153	1549	0	0	0	0	0	0	0	0	0	0
	154	1550	0	0	0	0	0	0	0	0	0	0
	155	1551	0	0	0	0	0	0	0	0	0	0
	156	1552	0	0	0	0	0	0	0	0	0	0
	157	1553	0	0	0	0	0	0	0	0	0	0
	158	1554	0	0	0	0	0	0	0	0	0	0
	159	1555	0	0	0	0	0	0	0	0	0	0
	160	1556	0	0	0	0	0	0	0	0	0	0
	161	1557	0	0	0	0	0	0	0	0	0	0
	162	1558	0	0	0	0	0	0	0	0	0	0
	163	1559	0	0	0	0	0	0	0	0	0	0
	164	1560	0	0	0	0	0	0	0	0	0	0
	165	1561	0	0	0	0	0	0	0	0	0	0
	166	1562	0	0	0	0	0	0	0	0	0	0
	167	1563	0	0	0	0	0	0	0	0	0	0
	168	1564	0	0	0	0	0	0	0	0	0	0
	169	1565	0	0	0	0	0	0	0	0	0	0
	170	1566	0	0	0	0	0	0	0	0	0	0
	171	1567	0	0	0	0	0	0	0	0	0	0
	172	1568	0	0	0	0	0	0	0	0	0	0
	173	1569	0	0	0	0	0	0	0	0	0	0
	174	1570	0	0	0	0	0	0	0	0	0	0
	175	1571	0	0	0	0	0	0	0	0	0	0
	176	1572	0	0	0	0	0	0	0	0	0	0
	177	1573	0	0	0	0	0	0	0	0	0	0
	178	1574	0	0	0	0	0	0	0	0	0	0
	179	1575	0	0	0	0	0	0	0	0	0	0
	180	1576	0	0	0	0	0	0	0	0	0	0
	181	1577	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	182	1578	0	0	0	0	0	0	0	0	0	0
	183	1579	0	0	0	0	0	0	0	0	0	0
	184	1580	0	0	0	0	0	0	0	0	0	0
	185	1581	0	0	0	0	0	0	0	0	0	0
	186	1582	0	0	0	0	0	0	0	0	0	0
	187	1583	0	0	0	0	0	0	0	0	0	0
	188	1584	0	0	0	0	0	0	0	0	0	0
	189	1585	0	0	0	0	0	0	0	0	0	0
	190	1586	0	0	0	0	0	0	0	0	0	0
	191	1587	0	0	0	0	0	0	0	0	0	0
	192	1588	0	0	0	0	0	0	0	0	0	0
	399	1589										
Shoulder12	349	1590	0	0	0	0	0	0	0	0	0	0
	350	1591	0	0	0	0	0	0	0	0	0	0
	351	1592	0	0	0	0	0	0	0	0	0	0
	352	1593	0	0	0	0	0	0	0	0	0	0
	353	1594	0	0	0	0	0	0	0	0	0	0
	354	1595	0	0	0	0	0	0	0	0	0	0
	355	1596	0	0	0	0	0	0	0	0	0	0
	356	1597	0	0	0	0	0	0	0	0	0	0
	357	1598	0	0	0	0	0	0	0	0	0	0
	358	1599	0	0	0	0	0	0	0	0	0	0
	359	1600	0	0	0	0	0	0	0	0	0	0
	360	1601	0	0	0	0	0	0	0	0	0	0
	361	1602	0	0	0	0	0	0	0	0	0	0
	362	1603	0	0	0	0	0	0	0	0	0	0
	363	1604	0	0	0	0	0	0	0	0	0	0
	364	1605	0	0	0	0	0	0	0	0	0	0
	365	1606	0	0	0	0	0	0	0	0	0	0
	366	1607	0	0	0	0	0	0	0	0	0	0
	367	1608	0	0	0	0	0	0	0	0	0	0
	368	1609	0	0	0	0	0	0	0	0	0	0
	369	1610	0	0	0	0	0	0	0	0	0	0
	370	1611	0	0	0	0	0	0	0	0	0	0
	371	1612	0	0	0	0	0	0	0	0	0	0
	372	1613	0	0	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	373	1614	0	0	0	0	0	0	0	0	0	0
	374	1615	0	0	0	0	0	0	0	0	0	0
	375	1616	0	0	0	0	0	0	0	0	0	0
	376	1617	0	0	0	0	0	0	0	0	0	0
	377	1618	0	0	0	0	0	0	0	0	0	0
	378	1619	0	0	0	0	0	0	0	0	0	0
	379	1620	0	0	0	0	0	0	0	0	0	0
	380	1621	0	0	0	0	0	0	0	0	0	0
	381	1622	0	0	0	0	0	0	0	0	0	0
	382	1623	0	0	0	0	0	0	0	0	0	0
	383	1624	0	0	0	0	0	0	0	0	0	0
	384	1625	0	0	0	0	0	0	0	0	0	0
	385	1626	0	0	0	0	0	0	0	0	0	0
	386	1627	0	0	0	0	0	0	0	0	0	0
	387	1628	0	0	0	0	0	0	0	0	0	0
	388	1629	0	0	0	0	0	0	0	0	0	0
	389	1630	0	0	0	0	0	0	0	0	0	0
	390	1631	0	0	0	0	0	0	0	0	0	0
	391	1632	0	0	0	0	0	0	0	0	0	0
	392	1633	0	0	0	0	0	0	0	0	0	0
	393	1634	0	0	0	0	0	0	0	0	0	0
	394	1635	0	0	0	0	0	0	0	0	0	0
	395	1636	0	0	0	0	0	0	0	0	0	0
	396	1637	0	0	0	0	0	0	0	0	0	0
	397	1638	0	0	0	0	0	0	0	0	0	0
	398	1639	0	0	0	0	0	0	0	0	0	0
	399	1640										
OffRamp from NE I90 to US87 out	402	1642	504	45	7	45	31	45	3	45	0	0
	403	1643	504	45	7	45	31	45	3	45	0	0
	404	1644	504	45	7	45	31	45	3	45	0	0
	405	1645	504	45	7	45	31	45	3	45	0	0
	406	1646	504	45	7	45	31	45	3	45	0	0
	407	1647	504	45	7	45	31	45	3	45	0	0
	408	1648	504	45	7	45	31	45	3	45	0	0
	409	1649										
OffRamp from NE I90 to US87 in	422	1651	504	45	7	45	31	45	3	45	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	423	1652	504	45	7	45	31	45	3	45	0	0
	424	1653	504	45	7	45	31	45	3	45	0	0
	425	1654	504	45	7	45	31	45	3	45	0	0
	426	1655	504	45	7	45	31	45	3	45	0	0
	427	1656	504	45	7	45	31	45	3	45	0	0
	428	1657	504	45	7	45	31	45	3	45	0	0
	429	1658										
OffRamp from NE I90 to US87 out1	441	1659	336	45	5	45	21	45	2	45	0	0
	442	1660	336	45	5	45	21	45	2	45	0	0
	443	1661	336	45	5	45	21	45	2	45	0	0
	444	1662	336	45	5	45	21	45	2	45	0	0
	445	1663	336	45	5	45	21	45	2	45	0	0
	446	1664	336	45	5	45	21	45	2	45	0	0
	447	1665	336	45	5	45	21	45	2	45	0	0
	448	1666	336	45	5	45	21	45	2	45	0	0
	449	1667	336	45	5	45	21	45	2	45	0	0
	450	1668	336	45	5	45	21	45	2	45	0	0
	451	1669	336	45	5	45	21	45	2	45	0	0
	452	1670	336	45	5	45	21	45	2	45	0	0
	453	1671	336	45	5	45	21	45	2	45	0	0
	454	1672										
OffRamp from NE I90 to US87 mid1	409	1673	336	45	5	45	21	45	2	45	0	0
	410	1674	336	45	5	45	21	45	2	45	0	0
	411	1675	336	45	5	45	21	45	2	45	0	0
	412	1676	336	45	5	45	21	45	2	45	0	0
	413	1677	336	45	5	45	21	45	2	45	0	0
	414	1678	336	45	5	45	21	45	2	45	0	0
	415	1679	336	45	5	45	21	45	2	45	0	0
	416	1680	336	45	5	45	21	45	2	45	0	0
	417	1681	336	45	5	45	21	45	2	45	0	0
	418	1682	336	45	5	45	21	45	2	45	0	0
	419	1683	336	45	5	45	21	45	2	45	0	0
	420	1684										
OffRamp from NE I90 to US87 in1	429	1685	336	45	5	45	21	45	2	45	0	0
	430	1686	336	45	5	45	21	45	2	45	0	0
	431	1687	336	45	5	45	21	45	2	45	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	432	1688	336	45	5	45	21	45	2	45	0	0
	433	1689	336	45	5	45	21	45	2	45	0	0
	434	1690	336	45	5	45	21	45	2	45	0	0
	435	1691	336	45	5	45	21	45	2	45	0	0
	436	1692	336	45	5	45	21	45	2	45	0	0
	437	1693	336	45	5	45	21	45	2	45	0	0
	438	1694	336	45	5	45	21	45	2	45	0	0
	439	1695	336	45	5	45	21	45	2	45	0	0
	440	1696										
OnRamp from US87 to SW I90 out	592	1697	448	45	7	45	48	45	2	45	0	0
	593	1698	448	45	7	45	48	45	2	45	0	0
	594	1699	448	45	7	45	48	45	2	45	0	0
	595	1700	448	45	7	45	48	45	2	45	0	0
	596	1701	448	45	7	45	48	45	2	45	0	0
	597	1702	448	45	7	45	48	45	2	45	0	0
	598	1703	448	45	7	45	48	45	2	45	0	0
	599	1704	448	45	7	45	48	45	2	45	0	0
	600	1705										
OnRamp from US87 to SW I90 in	579	1706	448	45	7	45	48	45	2	45	0	0
	580	1707	448	45	7	45	48	45	2	45	0	0
	581	1708	448	45	7	45	48	45	2	45	0	0
	582	1709	448	45	7	45	48	45	2	45	0	0
	583	1710										
OnRamp from US87 to SW I90	583	1711	896	45	14	45	96	45	4	45	0	0
	584	1712	896	45	14	45	96	45	4	45	0	0
	585	1713	896	45	14	45	96	45	4	45	0	0
	586	1714	896	45	14	45	96	45	4	45	0	0
	587	1715	896	45	14	45	96	45	4	45	0	0
	588	1716	896	45	14	45	96	45	4	45	0	0
	589	1717	896	45	14	45	96	45	4	45	0	0
	590	1718	896	45	14	45	96	45	4	45	0	0
	591	1719										
OnRamp from US87 to NE I90 out	480	1720	276	45	4	45	19	45	1	45	0	0
	481	1721	276	45	4	45	19	45	1	45	0	0
	482	1722	276	45	4	45	19	45	1	45	0	0
	483	1723	276	45	4	45	19	45	1	45	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	484	1724	276	45	4	45	19	45	1	45	0	0
	485	1725	276	45	4	45	19	45	1	45	0	0
	486	1726	276	45	4	45	19	45	1	45	0	0
	487	1727	276	45	4	45	19	45	1	45	0	0
	488	1728	276	45	4	45	19	45	1	45	0	0
	489	1729	276	45	4	45	19	45	1	45	0	0
	490	1730	276	45	4	45	19	45	1	45	0	0
	491	1731	276	45	4	45	19	45	1	45	0	0
	492	1732	276	45	4	45	19	45	1	45	0	0
	493	1733	276	45	4	45	19	45	1	45	0	0
	494	1734	276	45	4	45	19	45	1	45	0	0
	495	1735	276	45	4	45	19	45	1	45	0	0
	496	1736	276	45	4	45	19	45	1	45	0	0
	497	1737										
OnRamp from US87 to NE I90 in	795	1738	276	45	4	45	19	45	1	45	0	0
	794	1739	276	45	4	45	19	45	1	45	0	0
	793	1740	276	45	4	45	19	45	1	45	0	0
	792	1741	276	45	4	45	19	45	1	45	0	0
	791	1742	276	45	4	45	19	45	1	45	0	0
	498	1743	276	45	4	45	19	45	1	45	0	0
	499	1744	276	45	4	45	19	45	1	45	0	0
	500	1745	276	45	4	45	19	45	1	45	0	0
	501	1746	276	45	4	45	19	45	1	45	0	0
	502	1747	276	45	4	45	19	45	1	45	0	0
	503	1748										
OnRamp from US87 to NE I90	503	1749	552	45	8	45	38	45	2	45	0	0
	510	1750	552	45	8	45	38	45	2	45	0	0
	511	1751	552	45	8	45	38	45	2	45	0	0
	512	1752	552	45	8	45	38	45	2	45	0	0
	513	1753	552	45	8	45	38	45	2	45	0	0
	514	1754	552	45	8	45	38	45	2	45	0	0
	515	1755	552	45	8	45	38	45	2	45	0	0
	516	1756	552	45	8	45	38	45	2	45	0	0
	1	1757										
OffRamp from SW I90 to US87	524	1758	552	45	8	45	38	45	1	45	0	0
	525	1759	552	45	8	45	38	45	1	45	0	0

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Lockwood Interchange

	526	1760	552	45	8	45	38	45	1	45	0	0
	527	1761	552	45	8	45	38	45	1	45	0	0
	528	1762										
OffRamp from SW I90 to US87 out	557	1763	184	45	3	45	13	45	0	0	0	0
	558	1764	184	45	3	45	13	45	0	0	0	0
	559	1765	184	45	3	45	13	45	0	0	0	0
	560	1766	184	45	3	45	13	45	0	0	0	0
	561	1767	184	45	3	45	13	45	0	0	0	0
	567	1768	184	45	3	45	13	45	0	0	0	0
	568	1769	184	45	3	45	13	45	0	0	0	0
	569	1770	184	45	3	45	13	45	0	0	0	0
	570	1771	184	45	3	45	13	45	0	0	0	0
	571	1772	184	45	3	45	13	45	0	0	0	0
	572	1773										
OffRamp from SW I90 to US87 mid	552	1774	184	45	3	45	13	45	0	0	0	0
	553	1775	184	45	3	45	13	45	0	0	0	0
	554	1776	184	45	3	45	13	45	0	0	0	0
	555	1777	184	45	3	45	13	45	0	0	0	0
	556	1778	184	45	3	45	13	45	0	0	0	0
	573	1779	184	45	3	45	13	45	0	0	0	0
	574	1780	184	45	3	45	13	45	0	0	0	0
	575	1781	184	45	3	45	13	45	0	0	0	0
	576	1782	184	45	3	45	13	45	0	0	0	0
	577	1783	184	45	3	45	13	45	0	0	0	0
	578	1784										
OffRamp from SW I90 to US87 in	528	1785	184	45	3	45	13	45	0	0	0	0
	547	1786	184	45	3	45	13	45	0	0	0	0
	548	1787	184	45	3	45	13	45	0	0	0	0
	549	1788	184	45	3	45	13	45	0	0	0	0
	550	1789	184	45	3	45	13	45	0	0	0	0
	551	1790	184	45	3	45	13	45	0	0	0	0
	562	1791	184	45	3	45	13	45	0	0	0	0
	563	1792	184	45	3	45	13	45	0	0	0	0
	564	1793	184	45	3	45	13	0	0	0	0	0
	565	1794	184	45	3	45	13	45	0	0	0	0
	566	1795										

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Lockwood Interchange

EB US87 (W of Frontage)out	607	1796	702	45	20	45	2	45	1	45	0	0
	608	1797	702	45	20	45	2	45	1	45	0	0
	609	1798	702	45	20	45	2	45	1	45	0	0
	610	1799	702	45	20	45	2	45	1	45	0	0
	611	1800	702	45	20	45	2	45	1	45	0	0
	612	1801	702	45	20	45	2	45	1	45	0	0
	613	1802	702	45	20	45	2	45	1	45	0	0
	614	1803	702	45	20	45	2	45	1	45	0	0
	615	1804	702	45	20	45	2	45	1	45	0	0
	616	1805	702	45	20	45	2	45	1	45	0	0
	617	1806	702	45	20	45	2	45	1	45	0	0
	618	1807	702	45	20	45	2	45	1	45	0	0
	602	1808	702	45	20	45	2	45	1	45	0	0
	603	1809	702	45	20	45	2	45	1	45	0	0
	604	1810	702	45	20	45	2	45	1	45	0	0
	605	1811	702	45	20	45	2	45	1	45	0	0
	606	1812	702	45	20	45	2	45	1	45	0	0
	607	1813	702	45	20	45	2	45	1	45	0	0
	608	1814										
EB US87 (W of Frontage)in	652	1815	702	45	20	45	2	45	1	45	0	0
	653	1816	702	45	20	45	2	45	1	45	0	0
	654	1817	702	45	20	45	2	45	1	45	0	0
	655	1818	702	45	20	45	2	45	1	45	0	0
	656	1819	702	45	20	45	2	45	1	45	0	0
	657	1820	702	45	20	45	2	45	1	45	0	0
	658	1821	702	45	20	45	2	45	1	45	0	0
	659	1822	702	45	20	45	2	45	1	45	0	0
	660	1823	702	45	20	45	2	45	1	45	0	0
	661	1824	702	45	20	45	2	45	1	45	0	0
	662	1825	702	45	20	45	2	45	1	45	0	0
	663	1826	702	45	20	45	2	45	1	45	0	0
	656	1827	702	45	20	45	2	45	1	45	0	0
	657	1828	702	45	20	45	2	45	1	45	0	0
	658	1829	702	45	20	45	2	45	1	45	0	0
	659	1830	702	45	20	45	2	45	1	45	0	0
	660	1831	702	45	20	45	2	45	1	45	0	0

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Lockwood Interchange

	661	1832	702	45	20	45	2	45	1	45	0	0
	662	1833										
WB US87 (W of Frontage)out	750	1834	702	45	20	45	2	45	1	45	0	0
	751	1835	702	45	20	45	2	45	1	45	0	0
	752	1836	702	45	20	45	2	45	1	45	0	0
	753	1837	702	45	20	45	2	45	1	45	0	0
	754	1838	702	45	20	45	2	45	1	45	0	0
	755	1839	702	45	20	45	2	45	1	45	0	0
	756	1840	702	45	20	45	2	45	1	45	0	0
	802	1841	702	45	20	45	2	45	1	45	0	0
	803	1842	702	45	20	45	2	45	1	45	0	0
	804	1843	702	45	20	45	2	45	1	45	0	0
	805	1844	702	45	20	45	2	45	1	45	0	0
	806	1845	702	45	20	45	2	45	1	45	0	0
	807	1846	702	45	20	45	2	45	1	45	0	0
	808	1847	702	45	20	45	2	45	1	45	0	0
	809	1848	702	45	20	45	2	45	1	45	0	0
	810	1849	702	45	20	45	2	45	1	45	0	0
	811	1850	702	45	20	45	2	45	1	45	0	0
	812	1851	702	45	20	45	2	45	1	45	0	0
	813	1852										
WB US87 (W of Frontage)in	784	1853	702	45	20	45	2	45	1	45	0	0
	785	1854	702	45	20	45	2	45	1	45	0	0
	786	1855	702	45	20	45	2	45	1	45	0	0
	787	1856	702	45	20	45	2	45	1	45	0	0
	788	1857	702	45	20	45	2	45	1	45	0	0
	789	1858	702	45	20	45	2	45	1	45	0	0
	790	1859	702	45	20	45	2	45	1	45	0	0
	840	1860	702	45	20	45	2	45	1	45	0	0
	841	1861	702	45	20	45	2	45	1	45	0	0
	842	1862	702	45	20	45	2	45	1	45	0	0
	843	1863	702	45	20	45	2	45	1	45	0	0
	844	1864	702	45	20	45	2	45	1	45	0	0
	845	1865	702	45	20	45	2	45	1	45	0	0
	846	1866	702	45	20	45	2	45	1	45	0	0
	847	1867	702	45	20	45	2	45	1	45	0	0

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Lockwood Interchange

	848	1868	702	45	20	45	2	45	1	45	0	0
	849	1869	702	45	20	45	2	45	1	45	0	0
	850	1870	702	45	20	45	2	45	1	45	0	0
	851	1871										
EB US87 (Frontage to Ramps)out	608	1872	630	45	20	45	22	45	1	45	0	0
	609	1873	630	45	20	45	22	45	1	45	0	0
	610	1874	630	45	20	45	22	45	1	45	0	0
	611	1875	630	45	20	45	22	45	1	45	0	0
	612	1876	630	45	20	45	22	45	1	45	0	0
	613	1877	630	45	20	45	22	45	1	45	0	0
	614	1878	630	45	20	45	22	45	1	45	0	1
	615	1879	630	45	20	45	22	45	1	45	0	0
	616	1880	630	45	20	45	22	45	1	45	0	0
	617	1881										
EB US87 (Frontage to Ramps)in	662	1882	630	45	20	45	22	45	1	45	0	0
	663	1883	630	45	20	45	22	45	1	45	0	0
	664	1884	630	45	20	45	22	45	1	45	0	0
	665	1885	630	45	20	45	22	45	1	45	0	0
	666	1886	630	45	20	45	22	45	1	45	0	0
	667	1887	630	45	20	45	22	45	1	45	0	0
	668	1888	630	45	20	45	22	45	1	45	0	0
	669	1889	630	45	20	45	22	45	1	45	0	0
	670	1890	630	45	20	45	22	45	1	45	0	0
	671	1891										
WB US87 (Frontage to Ramps)out	742	1894	630	45	20	45	22	45	1	45	0	0
	743	1895	630	45	20	45	22	45	1	45	0	0
	744	1896	630	45	20	45	22	45	1	45	0	0
	745	1897	630	45	20	45	22	45	1	45	0	0
	746	1898	630	45	20	45	22	45	1	45	0	0
	747	1899	630	45	20	45	22	45	1	45	0	0
	748	1900	630	45	20	45	22	45	1	45	0	0
	749	1901	630	45	20	45	22	45	1	45	0	0
	750	1902										
WB US87 (Frontage to Ramps)in	776	1903	630	45	20	45	22	45	1	45	0	0
	777	1904	630	45	20	45	22	45	1	45	0	0
	778	1905	630	45	20	45	22	45	1	45	0	0

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Lockwood Interchange

	779	1906	630	45	20	45	22	45	1	45	0	0
	780	1907	630	45	20	45	22	45	1	45	0	0
	781	1908	630	45	20	45	22	45	1	45	0	0
	782	1909	630	45	20	45	22	45	1	45	0	0
	783	1910	630	45	20	45	22	45	1	45	0	0
	784	1911										
EB US87 (btn Ramps)out	617	1912	526	45	15	45	17	45	2	45	0	0
	618	1913	526	45	15	45	17	45	2	45	0	0
	619	1914	526	45	15	45	17	45	2	45	0	0
	620	1915	526	45	15	45	17	45	2	45	0	0
	621	1916	526	45	15	45	17	45	2	45	0	0
	622	1917	526	45	15	45	17	45	2	45	0	0
	623	1918	526	45	15	45	17	45	2	45	0	0
	739	1919	526	45	15	45	17	45	2	45	0	0
	624	1920	526	45	15	45	17	45	2	45	0	0
	625	1921	526	45	15	45	17	45	2	45	0	0
	626	1922	526	45	15	45	17	45	2	45	0	0
	627	1923	526	45	15	45	17	45	2	45	0	0
	628	1924	526	45	15	45	17	45	2	45	0	0
	629	1925	526	45	15	45	17	45	2	45	0	0
	630	1926	526	45	15	45	17	45	2	45	0	0
	631	1927	526	45	15	45	17	45	2	45	0	0
	732	1928	526	45	15	45	17	45	2	45	0	0
	632	1929	526	45	15	45	17	45	2	45	0	0
	633	1930	526	45	15	45	17	45	2	45	0	0
	634	1931										
EB US87 (btn Ramps)in	671	1932	526	45	15	45	17	45	2	45	0	0
	672	1933	526	45	15	45	17	45	2	45	0	0
	673	1934	526	45	15	45	17	45	2	45	0	0
	674	1935	526	45	15	45	17	45	2	45	0	0
	675	1936	526	45	15	45	17	45	2	45	0	0
	676	1937	526	45	15	45	17	45	2	45	0	0
	677	1938	526	45	15	45	17	45	2	45	0	0
	678	1939	526	45	15	45	17	45	2	45	0	0
	679	1940	526	45	15	45	17	45	2	45	0	0
	680	1941	526	45	15	45	17	45	2	45	0	0

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Lockwood Interchange

	681	1942	526	45	15	45	17	45	2	45	0	0
	682	1943	526	45	15	45	17	45	2	45	0	0
	683	1944	526	45	15	45	17	45	2	45	0	0
	684	1945	526	45	15	45	17	45	2	45	0	0
	685	1946	526	45	15	45	17	45	2	45	0	0
	686	1947	526	45	15	45	17	45	2	45	0	0
	687	1948	526	45	15	45	17	45	2	45	0	0
	688	1949										
WB US87 (btn Ramps)out	725	1951	526	45	15	45	17	45	2	45	0	0
	726	1952	526	45	15	45	17	45	2	45	0	0
	727	1953	526	45	15	45	17	45	2	45	0	0
	728	1954	526	45	15	45	17	45	2	45	0	0
	729	1955	526	45	15	45	17	45	2	45	0	0
	730	1956	526	45	15	45	17	45	2	45	0	0
	731	1957	526	45	15	45	17	45	2	45	0	0
	686	1958	526	45	15	45	17	45	2	45	0	0
	732	1959	526	45	15	45	17	45	2	45	0	0
	733	1960	526	45	15	45	17	45	2	45	0	0
	734	1961	526	45	15	45	17	45	2	45	0	0
	735	1962	526	45	15	45	17	45	2	45	0	0
	736	1963	526	45	15	45	17	45	2	45	0	0
	737	1964	526	45	15	45	17	45	2	45	0	0
	738	1965	526	45	15	45	17	45	2	45	0	0
	739	1966	526	45	15	45	17	45	2	45	0	0
	677	1967	526	45	15	45	17	45	2	45	0	0
	740	1968	526	45	15	45	17	45	2	45	0	0
	741	1969	526	45	15	45	17	45	2	45	0	0
	742	1970										
WB US87 (btn Ramps)in	759	1972	526	45	15	45	17	45	2	45	0	0
	760	1973	526	45	15	45	17	45	2	45	0	0
	761	1974	526	45	15	45	17	45	2	45	0	0
	762	1975	526	45	15	45	17	45	2	45	0	0
	763	1976	526	45	15	45	17	45	2	45	0	0
	764	1977	526	45	15	45	17	45	2	45	0	0
	687	1978	526	45	15	45	17	45	2	45	0	0
	765	1979	526	45	15	45	17	45	2	45	0	0

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Lockwood Interchange

	632	1980	526	45	15	45	17	45	2	45	0	0
	766	1981	526	45	15	45	17	45	2	45	0	0
	767	1982	526	45	15	45	17	45	2	45	0	0
	768	1983	526	45	15	45	17	45	2	45	0	0
	769	1984	526	45	15	45	17	45	2	45	0	0
	770	1985	526	45	15	45	17	45	2	45	0	0
	771	1986	526	45	15	45	17	45	2	45	0	0
	772	1987	526	45	15	45	17	45	2	45	0	0
	773	1988	526	45	15	45	17	45	2	45	0	0
	623	1989	526	45	15	45	17	45	2	45	0	0
	774	1990	526	45	15	45	17	45	2	45	0	0
	676	1991	526	45	15	45	17	45	2	45	0	0
	775	1992	526	45	15	45	17	45	2	45	0	0
	776	1993										
EB US87 (east of Coburn)out	634	1994	526	45	11	45	12	45	3	45	0	0
	635	1995	526	45	11	45	12	45	3	45	0	0
	636	1996	526	45	11	45	12	45	3	45	0	0
	637	1997	526	45	11	45	12	45	3	45	0	0
	638	1998	526	45	11	45	12	45	3	45	0	0
	639	1999	526	45	11	45	12	45	3	45	0	0
	640	2000	526	45	11	45	12	45	3	45	0	0
	641	2001	526	45	11	45	12	45	3	45	0	0
	642	2002	526	45	11	45	12	45	3	45	0	0
	643	2003	526	45	11	45	12	45	3	45	0	0
	644	2004	526	45	11	45	12	45	3	45	0	0
	645	2005	526	45	11	45	12	45	3	45	0	0
	646	2006	526	45	11	45	12	45	3	45	0	0
	647	2007	526	45	11	45	12	45	3	45	0	0
	648	2008	526	45	11	45	12	45	3	45	0	0
	649	2009	526	45	11	45	12	45	3	45	0	0
	650	2010	526	45	11	45	12	45	3	45	0	0
	651	2011	526	45	11	45	12	45	3	45	0	0
	652	2012	526	45	11	45	12	45	3	45	0	0
	653	2013	526	45	11	45	12	45	3	45	0	0
	654	2014										
EB US87 (east of Coburn)in	688	2015	526	45	11	45	12	45	3	45	0	0

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Lockwood Interchange

	689	2016	526	45	11	45	12	45	3	45	0	0
	690	2017	526	45	11	45	12	45	3	45	0	0
	691	2018	526	45	11	45	12	45	3	45	0	0
	692	2019	526	45	11	45	12	45	3	45	0	0
	693	2020	526	45	11	45	12	45	3	45	0	0
	694	2021	526	45	11	45	12	45	3	45	0	0
	695	2022	526	45	11	45	12	45	3	45	0	0
	696	2023	526	45	11	45	12	45	3	45	0	0
	697	2024	526	45	11	45	12	45	3	45	0	0
	698	2025	526	45	11	45	12	45	3	45	0	0
	699	2026	526	45	11	45	12	45	3	45	0	0
	700	2027	526	45	11	45	12	45	3	45	0	0
	701	2028	526	45	11	45	12	45	3	45	0	0
	702	2029	526	45	11	45	12	45	3	45	0	0
	703	2030	526	45	11	45	12	45	3	45	0	0
	704	2031	526	45	11	45	12	45	3	45	0	0
	705	2032	526	45	11	45	12	45	3	45	0	0
	706	2033	526	45	11	45	12	45	3	45	0	0
	707	2034	526	45	11	45	12	45	3	45	0	0
	708	2035										
EB US87 (east of Coburn)	708	2036	1052	45	22	45	24	45	7	45	0	0
	698	2037	1052	45	22	45	24	45	7	45	0	0
	699	2038	1052	45	22	45	24	45	7	45	0	0
	700	2039	1052	45	22	45	24	45	7	45	0	0
	701	2040	1052	45	22	45	24	45	7	45	0	0
	702	2041	1052	45	22	45	24	45	7	45	0	0
	703	2042	1052	45	22	45	24	45	7	45	0	0
	704	2043	1052	45	22	45	24	45	7	45	0	0
	705	2044	1052	45	22	45	24	45	7	45	0	0
	706	2045	1052	45	22	45	24	45	7	45	0	0
	707	2046	1052	45	22	45	24	45	7	45	0	0
	708	2047	1052	45	22	45	24	45	7	45	0	0
	709	2048	1052	45	22	45	24	45	7	45	0	0
	710	2049	1052	45	22	45	24	45	7	45	0	0
	711	2050	1052	45	22	45	24	45	7	45	0	0
	712	2051	1052	45	22	45	24	45	7	45	0	0

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Lockwood Interchange

	713	2052	1052	45	22	45	24	45	7	45	0	0
	714	2053	1052	45	22	45	24	45	7	45	0	0
	715	2054	1052	45	22	45	24	45	7	45	0	0
	716	2055	1052	45	22	45	24	45	7	45	0	0
	717	2056	1052	45	22	45	24	45	7	45	0	0
	718	2057	1052	45	22	45	24	45	7	45	0	0
	719	2058	1052	45	22	45	24	45	7	45	0	0
	720	2059	1052	45	22	45	24	45	7	45	0	0
	721	2060	1052	45	22	45	24	45	7	45	0	0
	722	2061	1052	45	22	45	24	45	7	45	0	0
	723	2062	1052	45	22	45	24	45	7	45	0	0
	724	2063	1052	45	22	45	24	45	7	45	0	0
	725	2064	1052	45	22	45	24	45	7	45	0	0
	726	2065	1052	45	22	45	24	45	7	45	0	0
	727	2066	1052	45	22	45	24	45	7	45	0	0
	728	2067	1052	45	22	45	24	45	7	45	0	0
	729	2068	1052	45	22	45	24	45	7	45	0	0
	730	2069	1052	45	22	45	24	45	7	45	0	0
	731	2070	1052	45	22	45	24	45	7	45	0	0
	732	2071										
WB US87 (east of Coburn)	733	2072	1052	45	22	45	24	45	7	45	0	0
	734	2073	1052	45	22	45	24	45	7	45	0	0
	735	2074	1052	45	22	45	24	45	7	45	0	0
	736	2075	1052	45	22	45	24	45	7	45	0	0
	737	2076	1052	45	22	45	24	45	7	45	0	0
	738	2077	1052	45	22	45	24	45	7	45	0	0
	739	2078	1052	45	22	45	24	45	7	45	0	0
	740	2079	1052	45	22	45	24	45	7	45	0	0
	741	2080	1052	45	22	45	24	45	7	45	0	0
	742	2081	1052	45	22	45	24	45	7	45	0	0
	743	2082	1052	45	22	45	24	45	7	45	0	0
	744	2083	1052	45	22	45	24	45	7	45	0	0
	745	2084	1052	45	22	45	24	45	7	45	0	0
	746	2085	1052	45	22	45	24	45	7	45	0	0
	747	2086	1052	45	22	45	24	45	7	45	0	0
	748	2087	1052	45	22	45	24	45	7	45	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

Lockwood Interchange

	749	2088	1052	45	22	45	24	45	7	45	0	0
	750	2089	1052	45	22	45	24	45	7	45	0	0
	751	2090	1052	45	22	45	24	45	7	45	0	0
	752	2091	1052	45	22	45	24	45	7	45	0	0
	753	2092	1052	45	22	45	24	45	7	45	0	0
	754	2093	1052	45	22	45	24	45	7	45	0	0
	755	2094	1052	45	22	45	24	45	7	45	0	0
	756	2095	1052	45	22	45	24	45	7	45	0	0
	757	2096	1052	45	22	45	24	45	7	45	0	0
	758	2097	1052	45	22	45	24	45	7	45	0	0
	759	2098	1052	45	22	45	24	45	7	45	0	0
	760	2099	1052	45	22	45	24	45	7	45	0	0
	761	2100	1052	45	22	45	24	45	7	45	0	0
	762	2101	1052	45	22	45	24	45	7	45	0	0
	763	2102	1052	45	22	45	24	45	7	45	0	0
	764	2103	1052	45	22	45	24	45	7	45	0	0
	765	2104	1052	45	22	45	24	45	7	45	0	0
	766	2105	1052	45	22	45	24	45	7	45	0	0
	767	2106	1052	45	22	45	24	45	7	45	0	0
	709	2107	1052	45	22	45	24	45	7	45	0	0
	710	2108	1052	45	22	45	24	45	7	45	0	0
	711	2109	1052	45	22	45	24	45	7	45	0	0
	712	2110	1052	45	22	45	24	45	7	45	0	0
	713	2111	1052	45	22	45	24	45	7	45	0	0
	714	2112	1052	45	22	45	24	45	7	45	0	0
	715	2113	1052	45	22	45	24	45	7	45	0	0
	716	2114	1052	45	22	45	24	45	7	45	0	0
	717	2115	1052	45	22	45	24	45	7	45	0	0
	718	2116	1052	45	22	45	24	45	7	45	0	0
	719	2117	1052	45	22	45	24	45	7	45	0	0
	720	2118	1052	45	22	45	24	45	7	45	0	0
	721	2119	1052	45	22	45	24	45	7	45	0	0
	722	2120	1052	45	22	45	24	45	7	45	0	0
	723	2121										
WB US87 (east of Coburn)out	723	2122	526	45	11	45	12	45	3	45	0	0
	724	2123	526	45	11	45	12	45	3	45	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes**Lockwood Interchange**

	725	2124										
WB US87 (east of Coburn)in	757	2125	526	45	11	45	12	45	3	45	0	0
	758	2126	526	45	11	45	12	45	3	45	0	0
	759	2127										

INPUT: RECEIVERS

Lockwood Interchange

							11 December 2020					
							TNM 2.5					
INPUT: RECEIVERS												
PROJECT/CONTRACT:			Lockwood Interchange									
RUN:			Build Alternative									
Receiver												
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.	
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l Sub'l	NR Goal		
			ft	ft	ft	ft	dBA	dBA	dB	dB		
Receiver1	1	1	2,233,722.2	564,897.6	3,179.00	5.00	0.00	66	13.0	7.0	Y	
Receiver2	2	1	2,234,033.0	564,885.5	3,185.00	5.00	0.00	66	13.0	7.0	Y	
Receiver3	3	1	2,234,114.8	564,981.0	3,188.00	5.00	0.00	66	13.0	7.0	Y	
Receiver4	4	1	2,235,094.0	564,953.2	3,189.00	5.00	0.00	66	13.0	7.0	Y	
Receiver5	5	1	2,235,034.8	564,515.7	3,233.00	5.00	0.00	66	13.0	7.0	Y	
Receiver6	6	1	2,235,434.0	565,487.9	3,154.00	5.00	0.00	66	13.0	7.0	Y	
Receiver7	7	1	2,235,611.2	565,536.5	3,159.00	5.00	0.00	66	13.0	7.0	Y	
Receiver8	8	1	2,235,354.2	565,015.7	3,183.00	5.00	0.00	66	13.0	7.0	Y	
Receiver9	9	1	2,235,446.5	565,151.1	3,166.00	5.00	0.00	66	13.0	7.0	Y	
Receiver10	10	1	2,235,667.5	565,169.9	3,168.00	5.00	0.00	66	13.0	7.0	Y	
Receiver11	11	1	2,235,561.2	564,815.7	3,182.00	5.00	0.00	66	13.0	7.0	Y	
Receiver12	12	1	2,235,767.5	564,826.1	3,189.00	5.00	0.00	66	13.0	7.0	Y	
Receiver13	13	1	2,235,807.0	564,715.7	3,197.00	5.00	0.00	66	13.0	7.0	Y	
Receiver14	14	1	2,235,907.0	565,007.4	3,182.00	5.00	0.00	66	13.0	7.0	Y	
Receiver15	15	1	2,235,967.5	565,009.4	3,184.00	5.00	0.00	66	13.0	7.0	Y	
Receiver16	16	1	2,235,915.5	564,894.9	3,187.00	5.00	0.00	66	13.0	7.0	Y	
Receiver17	17	1	2,236,065.5	565,017.8	3,184.00	5.00	0.00	66	13.0	7.0	Y	
Receiver18	18	1	2,236,144.5	564,994.9	3,187.00	5.00	0.00	66	13.0	7.0	Y	
Receiver19	19	1	2,236,030.0	564,871.9	3,190.00	5.00	0.00	66	13.0	7.0	Y	
Receiver20	20	1	2,236,090.5	564,867.8	3,191.00	5.00	0.00	66	13.0	7.0	Y	
Receiver21	21	1	2,236,167.5	564,859.4	3,192.00	5.00	0.00	66	13.0	7.0	Y	
Receiver22	22	1	2,235,888.2	565,124.0	3,173.00	5.00	0.00	66	13.0	7.0	Y	

INPUT: RECEIVERS

Lockwood Interchange

Receiver23	23	1	2,236,046.5	565,186.5	3,178.00	5.00	0.00	66	13.0	7.0	Y
Receiver24	24	1	2,236,375.8	565,371.9	3,165.00	5.00	0.00	66	13.0	7.0	Y
Receiver25	25	1	2,236,267.5	564,996.9	3,188.00	5.00	0.00	66	13.0	7.0	Y
Receiver26	26	1	2,236,357.0	564,992.8	3,188.00	5.00	0.00	66	13.0	7.0	Y
Receiver27	27	1	2,236,407.0	565,001.1	3,187.00	5.00	0.00	66	13.0	7.0	Y
Receiver28	28	1	2,236,453.0	564,978.2	3,186.00	5.00	0.00	66	13.0	7.0	Y
Receiver29	29	1	2,236,413.2	564,755.3	3,196.00	5.00	0.00	66	13.0	7.0	Y
Receiver30	30	1	2,236,571.5	565,184.4	3,173.00	5.00	0.00	66	13.0	7.0	Y
Receiver31	31	1	2,235,609.5	566,110.8	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver32	32	1	2,235,611.2	566,074.4	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver33	33	1	2,235,613.0	566,034.4	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver34	34	1	2,235,618.2	565,991.0	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver35	35	1	2,235,616.5	565,954.6	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver36	36	1	2,235,618.2	565,907.7	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver37	37	1	2,235,621.5	565,873.0	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver38	38	1	2,235,620.0	565,843.5	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver39	39	1	2,235,623.5	565,798.3	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver40	40	1	2,235,627.0	565,723.7	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver41	41	1	2,235,677.2	565,735.8	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver42	42	1	2,235,717.0	565,730.6	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver43	43	1	2,235,625.0	565,642.1	3,147.00	5.00	0.00	66	13.0	7.0	Y
Receiver44	44	1	2,235,727.5	565,619.5	3,143.00	5.00	0.00	66	13.0	7.0	Y
Receiver45	45	1	2,235,788.2	565,661.2	3,142.00	5.00	0.00	66	13.0	7.0	Y
Receiver46	46	1	2,235,828.2	565,682.0	3,142.00	5.00	0.00	66	13.0	7.0	Y
Receiver47	47	1	2,235,859.5	565,709.8	3,141.00	5.00	0.00	66	13.0	7.0	Y
Receiver48	48	1	2,235,899.5	565,734.1	3,141.00	5.00	0.00	66	13.0	7.0	Y
Receiver49	49	1	2,235,781.5	565,777.5	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver50	50	1	2,235,819.5	565,761.9	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver51	51	1	2,235,743.2	566,154.2	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver52	52	1	2,235,745.0	566,103.9	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver53	53	1	2,235,739.8	566,055.3	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver54	54	1	2,235,753.5	566,025.8	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver55	55	1	2,235,745.0	565,977.2	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver56	56	1	2,235,745.0	565,935.5	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver57	57	1	2,235,752.0	565,890.4	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver58	58	1	2,235,882.0	566,182.0	3,137.00	5.00	0.00	66	13.0	7.0	Y

INPUT: RECEIVERS

Lockwood Interchange

Receiver59	59	1	2,235,889.0	566,138.6	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver60	60	1	2,235,894.2	566,107.4	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver61	61	1	2,235,901.2	566,070.9	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver62	62	1	2,235,897.8	566,041.4	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver63	63	1	2,235,897.8	566,004.9	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver64	64	1	2,235,890.8	565,966.7	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver65	65	1	2,235,890.8	565,926.8	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver66	66	1	2,235,887.2	565,899.0	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver67	67	1	2,235,863.0	565,864.3	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver68	68	1	2,235,873.5	566,270.6	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver69	69	1	2,235,962.0	566,268.8	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver70	70	1	2,236,003.5	566,277.5	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver71	71	1	2,235,939.5	566,124.7	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver72	72	1	2,235,993.2	566,126.5	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver73	73	1	2,235,965.5	565,980.6	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver74	74	1	2,235,977.5	565,899.0	3,141.00	5.00	0.00	66	13.0	7.0	Y
Receiver75	75	1	2,236,080.0	566,274.0	3,142.00	5.00	0.00	66	13.0	7.0	Y
Receiver76	76	1	2,236,062.5	566,192.4	3,141.00	5.00	0.00	66	13.0	7.0	Y
Receiver77	77	1	2,236,088.8	565,965.0	3,142.00	5.00	0.00	66	13.0	7.0	Y
Receiver78	78	1	2,234,882.0	566,064.0	3,125.00	5.00	0.00	66	13.0	7.0	Y
Receiver79	79	1	2,234,989.8	566,100.4	3,127.00	5.00	0.00	66	13.0	7.0	Y
Receiver80	80	1	2,234,875.0	566,126.5	3,123.00	5.00	0.00	66	13.0	7.0	Y
Receiver81	81	1	2,234,908.0	566,128.2	3,124.00	5.00	0.00	66	13.0	7.0	Y
Receiver82	82	1	2,234,854.2	566,202.9	3,121.00	5.00	0.00	66	13.0	7.0	Y
Receiver83	83	1	2,234,883.8	566,216.7	3,122.00	5.00	0.00	66	13.0	7.0	Y
Receiver84	84	1	2,234,909.8	566,220.2	3,122.00	5.00	0.00	66	13.0	7.0	Y
Receiver85	85	1	2,234,937.5	566,223.7	3,123.00	5.00	0.00	66	13.0	7.0	Y
Receiver86	86	1	2,234,962.0	566,223.7	3,123.00	5.00	0.00	66	13.0	7.0	Y
Receiver87	87	1	2,234,989.8	566,223.7	3,124.00	5.00	0.00	66	13.0	7.0	Y
Receiver88	88	1	2,235,017.5	566,225.4	3,125.00	5.00	0.00	66	13.0	7.0	Y
Receiver89	89	1	2,235,076.5	566,121.3	3,129.00	5.00	0.00	66	13.0	7.0	Y
Receiver90	90	1	2,235,113.0	566,140.4	3,129.00	5.00	0.00	66	13.0	7.0	Y
Receiver91	91	1	2,235,090.5	566,239.3	3,126.00	5.00	0.00	66	13.0	7.0	Y
Receiver92	92	1	2,235,192.8	566,227.2	3,130.00	5.00	0.00	66	13.0	7.0	Y
Receiver93	93	1	2,235,246.5	566,234.1	3,131.00	5.00	0.00	66	13.0	7.0	Y
Receiver94	94	1	2,235,074.8	566,393.8	3,124.00	5.00	0.00	66	13.0	7.0	Y

INPUT: RECEIVERS

Lockwood Interchange

Receiver95	95	1	2,235,123.5	566,471.9	3,123.00	5.00	0.00	66	13.0	7.0	Y
Receiver96	96	1	2,235,319.5	566,473.7	3,125.00	5.00	0.00	66	13.0	7.0	Y
Receiver97	97	1	2,235,442.8	566,510.1	3,125.00	5.00	0.00	66	13.0	7.0	Y
Receiver98	98	1	2,236,248.5	566,926.8	3,121.00	5.00	0.00	66	13.0	7.0	Y
Receiver99	99	1	2,236,227.5	567,027.5	3,119.00	5.00	0.00	66	13.0	7.0	Y
Receiver100	100	1	2,236,238.0	567,091.7	3,119.00	5.00	0.00	66	13.0	7.0	Y
Receiver101	101	1	2,236,396.0	566,546.6	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver102	102	1	2,236,482.8	566,583.1	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver103	103	1	2,236,651.2	566,654.2	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver104	104	1	2,236,715.5	566,628.2	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver105	105	1	2,236,786.5	566,748.0	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver106	106	1	2,236,911.5	566,760.1	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver107	107	1	2,237,721.0	567,785.1	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver108	108	1	2,237,702.2	567,224.7	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver109	109	1	2,238,731.5	568,372.6	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver110	110	1	2,238,877.2	568,518.5	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver111	111	1	2,238,860.5	568,658.1	3,128.00	5.00	0.00	66	13.0	7.0	Y
Receiver112	112	1	2,239,029.2	568,666.4	3,129.00	5.00	0.00	66	13.0	7.0	Y
Receiver113	113	1	2,239,064.8	568,741.4	3,129.00	5.00	0.00	66	13.0	7.0	Y
Receiver114	114	1	2,239,237.5	568,668.5	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver115	115	1	2,239,381.5	568,747.6	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver116	116	1	2,239,164.8	568,847.6	3,127.00	5.00	0.00	66	13.0	7.0	Y
Receiver117	117	1	2,238,771.0	567,687.2	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver118	118	1	2,238,887.5	567,849.7	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver119	119	1	2,239,223.0	568,260.1	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver120	120	1	2,239,210.5	568,149.7	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver121	121	1	2,239,189.8	568,031.0	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver122	122	1	2,239,389.8	568,243.5	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver123	123	1	2,239,362.5	568,135.1	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver124	124	1	2,239,533.5	568,253.9	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver125	125	1	2,238,914.8	567,631.0	3,139.00	5.00	0.00	66	13.0	7.0	Y
Receiver126	126	1	2,239,596.0	568,033.1	3,141.00	5.00	0.00	66	13.0	7.0	Y
Receiver127	127	1	2,239,635.5	568,085.1	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver128	128	1	2,239,760.5	568,168.5	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver129	129	1	2,239,844.0	568,233.1	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver130	130	1	2,242,212.5	569,712.2	3,134.00	5.00	0.00	66	13.0	7.0	Y

INPUT: RECEIVERS**Lockwood Interchange**

Receiver131	131	1	2,242,416.8	569,858.1	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver132	132	1	2,242,594.0	569,714.3	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver133	133	1	2,242,852.2	570,068.5	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver134	134	1	2,242,960.5	570,099.7	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver135	135	1	2,243,135.5	570,293.5	3,135.00	5.00	0.00	66	13.0	7.0	Y
Receiver136	136	1	2,243,125.0	570,106.0	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver137	137	1	2,243,200.0	570,558.1	3,134.00	5.00	0.00	66	13.0	7.0	Y
Receiver138	138	1	2,243,258.5	570,381.0	3,136.00	5.00	0.00	66	13.0	7.0	Y
Receiver139	139	1	2,243,327.2	570,316.4	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver140	140	1	2,243,360.5	570,441.4	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver141	141	1	2,243,419.0	570,489.3	3,137.00	5.00	0.00	66	13.0	7.0	Y
Receiver142	142	1	2,243,489.8	570,524.7	3,138.00	5.00	0.00	66	13.0	7.0	Y
Receiver143	143	1	2,243,614.8	570,541.4	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver144	144	1	2,243,666.8	570,633.1	3,140.00	5.00	0.00	66	13.0	7.0	Y
Receiver145	145	1	2,243,785.5	570,701.8	3,141.00	5.00	0.00	66	13.0	7.0	Y
Receiver146	146	1	2,243,952.2	570,803.9	3,142.00	5.00	0.00	66	13.0	7.0	Y

RESULTS: SOUND LEVELS

Lockwood Interchange

MDT													11 December 2020	
HDR													TNM 2.5	
RESULTS: SOUND LEVELS													Calculated with TNM 2.5	
PROJECT/CONTRACT:			Lockwood Interchange											
RUN:			Build Alternative											
BARRIER DESIGN:			INPUT HEIGHTS											
ATMOSPHERICS:			68 deg F, 50% RH											
Receiver														
Name	No.	#DUs	Existing	No Barrier				With Barrier						
			LAeq1h	LAeq1h		Increase over	existing	Type	Calculated	Noise Reduction				
				Calculated	Crit'n	Calculated	Crit'n	Impact	LAeq1h	Calculated	Goal	Calculated	minus	
							Sub'l Inc					Goal		
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB		
Receiver1	1	1	0.0	68.6	66	68.6	13	Snd Lvl	68.6	0.0	7	-7.0		
Receiver2	2	1	0.0	66.1	66	66.1	13	Snd Lvl	66.1	0.0	7	-7.0		
Receiver3	3	1	0.0	68.7	66	68.7	13	Snd Lvl	68.7	0.0	7	-7.0		
Receiver4	4	1	0.0	61.3	66	61.3	13	----	61.3	0.0	7	-7.0		
Receiver5	5	1	0.0	60.7	66	60.7	13	----	60.7	0.0	7	-7.0		
Receiver6	6	1	0.0	63.8	66	63.8	13	----	63.8	0.0	7	-7.0		
Receiver7	7	1	0.0	64.4	66	64.4	13	----	64.4	0.0	7	-7.0		
Receiver8	8	1	0.0	60.5	66	60.5	13	----	60.5	0.0	7	-7.0		
Receiver9	9	1	0.0	61.0	66	61.0	13	----	61.0	0.0	7	-7.0		
Receiver10	10	1	0.0	60.1	66	60.1	13	----	60.1	0.0	7	-7.0		
Receiver11	11	1	0.0	56.1	66	56.1	13	----	56.1	0.0	7	-7.0		
Receiver12	12	1	0.0	56.2	66	56.2	13	----	56.2	0.0	7	-7.0		
Receiver13	13	1	0.0	55.9	66	55.9	13	----	55.9	0.0	7	-7.0		
Receiver14	14	1	0.0	57.2	66	57.2	13	----	57.2	0.0	7	-7.0		
Receiver15	15	1	0.0	57.3	66	57.3	13	----	57.3	0.0	7	-7.0		
Receiver16	16	1	0.0	56.3	66	56.3	13	----	56.3	0.0	7	-7.0		
Receiver17	17	1	0.0	56.6	66	56.6	13	----	56.6	0.0	7	-7.0		
Receiver18	18	1	0.0	56.3	66	56.3	13	----	56.3	0.0	7	-7.0		
Receiver19	19	1	0.0	55.9	66	55.9	13	----	55.9	0.0	7	-7.0		
Receiver20	20	1	0.0	55.7	66	55.7	13	----	55.7	0.0	7	-7.0		
Receiver21	21	1	0.0	55.3	66	55.3	13	----	55.3	0.0	7	-7.0		
Receiver22	22	1	0.0	58.3	66	58.3	13	----	58.3	0.0	7	-7.0		
Receiver23	23	1	0.0	59.0	66	59.0	13	----	59.0	0.0	7	-7.0		
Receiver24	24	1	0.0	57.4	66	57.4	13	----	57.4	0.0	7	-7.0		

RESULTS: SOUND LEVELS

Lockwood Interchange

Receiver25	25	1	0.0	55.8	66	55.8	13	----	55.8	0.0	7	-7.0
Receiver26	26	1	0.0	55.3	66	55.3	13	----	55.3	0.0	7	-7.0
Receiver27	27	1	0.0	55.0	66	55.0	13	----	55.0	0.0	7	-7.0
Receiver28	28	1	0.0	54.5	66	54.5	13	----	54.5	0.0	7	-7.0
Receiver29	29	1	0.0	54.0	66	54.0	13	----	54.0	0.0	7	-7.0
Receiver30	30	1	0.0	55.4	66	55.4	13	----	55.4	0.0	7	-7.0
Receiver31	31	1	0.0	74.8	66	74.8	13	Snd Lvl	74.8	0.0	7	-7.0
Receiver32	32	1	0.0	73.6	66	73.6	13	Snd Lvl	73.6	0.0	7	-7.0
Receiver33	33	1	0.0	72.1	66	72.1	13	Snd Lvl	72.1	0.0	7	-7.0
Receiver34	34	1	0.0	70.8	66	70.8	13	Snd Lvl	70.8	0.0	7	-7.0
Receiver35	35	1	0.0	69.9	66	69.9	13	Snd Lvl	69.9	0.0	7	-7.0
Receiver36	36	1	0.0	68.5	66	68.5	13	Snd Lvl	68.5	0.0	7	-7.0
Receiver37	37	1	0.0	67.5	66	67.5	13	Snd Lvl	67.5	0.0	7	-7.0
Receiver38	38	1	0.0	66.9	66	66.9	13	Snd Lvl	66.9	0.0	7	-7.0
Receiver39	39	1	0.0	65.9	66	65.9	13	----	65.9	0.0	7	-7.0
Receiver40	40	1	0.0	64.7	66	64.7	13	----	64.7	0.0	7	-7.0
Receiver41	41	1	0.0	64.7	66	64.7	13	----	64.7	0.0	7	-7.0
Receiver42	42	1	0.0	64.5	66	64.5	13	----	64.5	0.0	7	-7.0
Receiver43	43	1	0.0	64.3	66	64.3	13	----	64.3	0.0	7	-7.0
Receiver44	44	1	0.0	63.8	66	63.8	13	----	63.8	0.0	7	-7.0
Receiver45	45	1	0.0	64.1	66	64.1	13	----	64.1	0.0	7	-7.0
Receiver46	46	1	0.0	64.3	66	64.3	13	----	64.3	0.0	7	-7.0
Receiver47	47	1	0.0	64.5	66	64.5	13	----	64.5	0.0	7	-7.0
Receiver48	48	1	0.0	64.8	66	64.8	13	----	64.8	0.0	7	-7.0
Receiver49	49	1	0.0	64.8	66	64.8	13	----	64.8	0.0	7	-7.0
Receiver50	50	1	0.0	64.6	66	64.6	13	----	64.6	0.0	7	-7.0
Receiver51	51	1	0.0	73.7	66	73.7	13	Snd Lvl	73.7	0.0	7	-7.0
Receiver52	52	1	0.0	72.0	66	72.0	13	Snd Lvl	72.0	0.0	7	-7.0
Receiver53	53	1	0.0	70.7	66	70.7	13	Snd Lvl	70.7	0.0	7	-7.0
Receiver54	54	1	0.0	69.7	66	69.7	13	Snd Lvl	69.7	0.0	7	-7.0
Receiver55	55	1	0.0	68.5	66	68.5	13	Snd Lvl	68.5	0.0	7	-7.0
Receiver56	56	1	0.0	67.4	66	67.4	13	Snd Lvl	67.4	0.0	7	-7.0
Receiver57	57	1	0.0	66.5	66	66.5	13	Snd Lvl	66.5	0.0	7	-7.0
Receiver58	58	1	0.0	72.3	66	72.3	13	Snd Lvl	72.3	0.0	7	-7.0
Receiver59	59	1	0.0	70.8	66	70.8	13	Snd Lvl	70.8	0.0	7	-7.0
Receiver60	60	1	0.0	69.7	66	69.7	13	Snd Lvl	69.7	0.0	7	-7.0
Receiver61	61	1	0.0	68.7	66	68.7	13	Snd Lvl	68.7	0.0	7	-7.0
Receiver62	62	1	0.0	68.0	66	68.0	13	Snd Lvl	68.0	0.0	7	-7.0
Receiver63	63	1	0.0	67.3	66	67.3	13	Snd Lvl	67.3	0.0	7	-7.0
Receiver64	64	1	0.0	66.6	66	66.6	13	Snd Lvl	66.6	0.0	7	-7.0
Receiver65	65	1	0.0	66.0	66	66.0	13	Snd Lvl	66.0	0.0	7	-7.0

RESULTS: SOUND LEVELS

Lockwood Interchange

Receiver66	66	1	0.0	65.7	66	65.7	13	----	65.7	0.0	7	-7.0
Receiver67	67	1	0.0	65.4	66	65.4	13	----	65.4	0.0	7	-7.0
Receiver68	68	1	0.0	76.2	66	76.2	13	Snd Lvl	76.2	0.0	7	-7.0
Receiver69	69	1	0.0	74.1	66	74.1	13	Snd Lvl	74.1	0.0	7	-7.0
Receiver70	70	1	0.0	73.5	66	73.5	13	Snd Lvl	73.5	0.0	7	-7.0
Receiver71	71	1	0.0	69.5	66	69.5	13	Snd Lvl	69.5	0.0	7	-7.0
Receiver72	72	1	0.0	68.6	66	68.6	13	Snd Lvl	68.6	0.0	7	-7.0
Receiver73	73	1	0.0	66.2	66	66.2	13	Snd Lvl	66.2	0.0	7	-7.0
Receiver74	74	1	0.0	65.4	66	65.4	13	----	65.4	0.0	7	-7.0
Receiver75	75	1	0.0	71.6	66	71.6	13	Snd Lvl	71.6	0.0	7	-7.0
Receiver76	76	1	0.0	69.4	66	69.4	13	Snd Lvl	69.4	0.0	7	-7.0
Receiver77	77	1	0.0	65.9	66	65.9	13	----	65.9	0.0	7	-7.0
Receiver78	78	1	0.0	68.0	66	68.0	13	Snd Lvl	68.0	0.0	7	-7.0
Receiver79	79	1	0.0	72.8	66	72.8	13	Snd Lvl	72.8	0.0	7	-7.0
Receiver80	80	1	0.0	68.4	66	68.4	13	Snd Lvl	68.4	0.0	7	-7.0
Receiver81	81	1	0.0	69.5	66	69.5	13	Snd Lvl	69.5	0.0	7	-7.0
Receiver82	82	1	0.0	67.7	66	67.7	13	Snd Lvl	67.7	0.0	7	-7.0
Receiver83	83	1	0.0	68.5	66	68.5	13	Snd Lvl	68.5	0.0	7	-7.0
Receiver84	84	1	0.0	68.9	66	68.9	13	Snd Lvl	68.9	0.0	7	-7.0
Receiver85	85	1	0.0	69.4	66	69.4	13	Snd Lvl	69.4	0.0	7	-7.0
Receiver86	86	1	0.0	69.6	66	69.6	13	Snd Lvl	69.6	0.0	7	-7.0
Receiver87	87	1	0.0	70.3	66	70.3	13	Snd Lvl	70.3	0.0	7	-7.0
Receiver88	88	1	0.0	70.7	66	70.7	13	Snd Lvl	70.7	0.0	7	-7.0
Receiver89	89	1	0.0	76.0	66	76.0	13	Snd Lvl	76.0	0.0	7	-7.0
Receiver90	90	1	0.0	76.4	66	76.4	13	Snd Lvl	76.4	0.0	7	-7.0
Receiver91	91	1	0.0	71.8	66	71.8	13	Snd Lvl	71.8	0.0	7	-7.0
Receiver92	92	1	0.0	74.8	66	74.8	13	Snd Lvl	74.8	0.0	7	-7.0
Receiver93	93	1	0.0	75.6	66	75.6	13	Snd Lvl	75.6	0.0	7	-7.0
Receiver94	94	1	0.0	73.6	66	73.6	13	Snd Lvl	73.6	0.0	7	-7.0
Receiver95	95	1	0.0	68.0	66	68.0	13	Snd Lvl	68.0	0.0	7	-7.0
Receiver96	96	1	0.0	69.4	66	69.4	13	Snd Lvl	69.4	0.0	7	-7.0
Receiver97	97	1	0.0	69.9	66	69.9	13	Snd Lvl	69.9	0.0	7	-7.0
Receiver98	98	1	0.0	71.9	66	71.9	13	Snd Lvl	71.9	0.0	7	-7.0
Receiver99	99	1	0.0	67.7	66	67.7	13	Snd Lvl	67.7	0.0	7	-7.0
Receiver100	100	1	0.0	66.6	66	66.6	13	Snd Lvl	66.6	0.0	7	-7.0
Receiver101	101	1	0.0	71.9	66	71.9	13	Snd Lvl	71.9	0.0	7	-7.0
Receiver102	102	1	0.0	72.3	66	72.3	13	Snd Lvl	72.3	0.0	7	-7.0
Receiver103	103	1	0.0	71.5	66	71.5	13	Snd Lvl	71.5	0.0	7	-7.0
Receiver104	104	1	0.0	70.1	66	70.1	13	Snd Lvl	70.1	0.0	7	-7.0
Receiver105	105	1	0.0	71.5	66	71.5	13	Snd Lvl	71.5	0.0	7	-7.0
Receiver106	106	1	0.0	70.3	66	70.3	13	Snd Lvl	70.3	0.0	7	-7.0

RESULTS: SOUND LEVELS

Lockwood Interchange

Receiver107	107	1	0.0	72.4	66	72.4	13	Snd Lvl	72.4	0.0	7	-7.0
Receiver108	108	1	0.0	69.2	66	69.2	13	Snd Lvl	69.2	0.0	7	-7.0
Receiver109	109	1	0.0	72.3	66	72.3	13	Snd Lvl	72.3	0.0	7	-7.0
Receiver110	110	1	0.0	69.7	66	69.7	13	Snd Lvl	69.7	0.0	7	-7.0
Receiver111	111	1	0.0	65.5	66	65.5	13	----	65.5	0.0	7	-7.0
Receiver112	112	1	0.0	67.4	66	67.4	13	Snd Lvl	67.4	0.0	7	-7.0
Receiver113	113	1	0.0	66.2	66	66.2	13	Snd Lvl	66.2	0.0	7	-7.0
Receiver114	114	1	0.0	72.2	66	72.2	13	Snd Lvl	72.2	0.0	7	-7.0
Receiver115	115	1	0.0	72.3	66	72.3	13	Snd Lvl	72.3	0.0	7	-7.0
Receiver116	116	1	0.0	65.0	66	65.0	13	----	65.0	0.0	7	-7.0
Receiver117	117	1	0.0	70.9	66	70.9	13	Snd Lvl	70.9	0.0	7	-7.0
Receiver118	118	1	0.0	67.6	66	67.6	13	Snd Lvl	67.6	0.0	7	-7.0
Receiver119	119	1	0.0	74.9	66	74.9	13	Snd Lvl	74.9	0.0	7	-7.0
Receiver120	120	1	0.0	70.3	66	70.3	13	Snd Lvl	70.3	0.0	7	-7.0
Receiver121	121	1	0.0	68.1	66	68.1	13	Snd Lvl	68.1	0.0	7	-7.0
Receiver122	122	1	0.0	70.4	66	70.4	13	Snd Lvl	70.4	0.0	7	-7.0
Receiver123	123	1	0.0	68.8	66	68.8	13	Snd Lvl	68.8	0.0	7	-7.0
Receiver124	124	1	0.0	69.1	66	69.1	13	Snd Lvl	69.1	0.0	7	-7.0
Receiver125	125	1	0.0	70.3	66	70.3	13	Snd Lvl	70.3	0.0	7	-7.0
Receiver126	126	1	0.0	68.2	66	68.2	13	Snd Lvl	68.2	0.0	7	-7.0
Receiver127	127	1	0.0	70.5	66	70.5	13	Snd Lvl	70.5	0.0	7	-7.0
Receiver128	128	1	0.0	70.9	66	70.9	13	Snd Lvl	70.9	0.0	7	-7.0
Receiver129	129	1	0.0	72.1	66	72.1	13	Snd Lvl	72.1	0.0	7	-7.0
Receiver130	130	1	0.0	70.9	66	70.9	13	Snd Lvl	70.9	0.0	7	-7.0
Receiver131	131	1	0.0	72.6	66	72.6	13	Snd Lvl	72.6	0.0	7	-7.0
Receiver132	132	1	0.0	64.2	66	64.2	13	----	64.2	0.0	7	-7.0
Receiver133	133	1	0.0	68.5	66	68.5	13	Snd Lvl	68.5	0.0	7	-7.0
Receiver134	134	1	0.0	67.3	66	67.3	13	Snd Lvl	67.3	0.0	7	-7.0
Receiver135	135	1	0.0	70.8	66	70.8	13	Snd Lvl	70.8	0.0	7	-7.0
Receiver136	136	1	0.0	64.9	66	64.9	13	----	64.9	0.0	7	-7.0
Receiver137	137	1	0.0	72.3	66	72.3	13	Snd Lvl	72.3	0.0	7	-7.0
Receiver138	138	1	0.0	71.6	66	71.6	13	Snd Lvl	71.6	0.0	7	-7.0
Receiver139	139	1	0.0	66.2	66	66.2	13	Snd Lvl	66.2	0.0	7	-7.0
Receiver140	140	1	0.0	71.0	66	71.0	13	Snd Lvl	71.0	0.0	7	-7.0
Receiver141	141	1	0.0	71.9	66	71.9	13	Snd Lvl	71.9	0.0	7	-7.0
Receiver142	142	1	0.0	71.0	66	71.0	13	Snd Lvl	71.0	0.0	7	-7.0
Receiver143	143	1	0.0	66.8	66	66.8	13	Snd Lvl	66.8	0.0	7	-7.0
Receiver144	144	1	0.0	70.4	66	70.4	13	Snd Lvl	70.4	0.0	7	-7.0
Receiver145	145	1	0.0	69.2	66	69.2	13	Snd Lvl	69.2	0.0	7	-7.0
Receiver146	146	1	0.0	68.7	66	68.7	13	Snd Lvl	68.7	0.0	7	-7.0
Dwelling Units		# DUs	Noise Reduction									

RESULTS: SOUND LEVELS

Lockwood Interchange

		Min	Avg	Max						
		dB	dB	dB						
All Selected		146	0.0	0.0	0.0					
All Impacted		99	0.0	0.0	0.0					
All that meet NR Goal		0	0.0	0.0	0.0					